AIR QUALITY, HEALTH RISK, AND GREENHOUSE GAS IMPACT REPORT

RIALTO & LINDEN INDUSTRIAL WAREHOUSE PROJECT

CITY OF RIALTO, CALIFORNIA

LSA

August 2024

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CITY OF RIALTO, CALIFORNIA

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TABLE OF CONTENTS

TABLE OF CONTENTS i
FIGURES AND TABLES iii
LIST OF ABBREVIATIONS AND ACRONYMS iv
INTRODUCTION 1
Project Location and Description 1
Existing Land Uses in the Project Area 5
BACKGROUND 6
Air Pollutants and Health Effects 6
Ozone 7
Carbon Monoxide 7
Particulate Matter 7
Nitrogen Dioxide 7
Sulfur Dioxide 7
Lead 7
Volatile Organic Compounds 8
Toxic Air Contaminants 8
Greenhouse Gases 12
Carbon Dioxide 13
Methane 14
Nitrous Oxide 14
Hydrofluorocarbons, Perfluorocarbons, and Sulfur Hexafluoride 14
Black Carbon 14
REGULATORY SETTING 16
Air Quality Regulations 16
Federal Regulations 16
State Regulations 16
Regional Regulations 17
Local Regulations 20
Greenhouse Gas Regulatory Setting 21
Federal Regulations 21
State Regulations 22
Regional Regulations 28
Local Regulations 30
SETTING 32
Attainment Status 32
Existing Climate and Air Quality 33
Air Quality Monitoring Results 34
Greenhouse Gas Emissions Inventory 35
Global Emissions 35
United States Emissions 35
State of California Emissions 35
METHODOLOGY 37

Construction Emissions 37
Operational Emissions 37
Health Risk Assessment 38
Emissions Sources 39
American Meteorological Society/Environmental Protection Agency Regulatory Model Dispersion Modeling 40
Hotspots Analysis and Reporting Program Modeling 41
Greenhouse Gas Analysis 42

THRESHOLDS OF SIGNIFICANCE 43

Criteria Pollutant Thresholds 43
Health Risk Thresholds 44
Localized Impacts Analysis 45
Local Microscale Concentration Standards 46
Greenhouse Gas Threshold 46

IMPACTS ANALYSIS 47

Air Quality Impacts 47
Consistency with Applicable Air Quality Plans 47
Criteria Pollutant Analysis 48
Health Risk on Nearby Sensitive Receptors 53
Odors 55
Greenhouse Gas Impacts 55
Generation of Greenhouse Gas Emissions 55
Consistency with Greenhouse Gas Emissions Reduction Plans 57

CONCLUSIONS 65

APPENDICES

A: CALEEMOD OUTPUT SHEETS
B: HRA MODEL SNAPSHOTS AND OUTPUTS

FIGURES AND TABLES

FIGURES

Figure 1: Project Location 3
Figure 2: Site Plan 4
Figure 3: Project Area Wind Patterns 41

TABLES

Table A: Sources and Health Effects of Air Pollutants 9
Table B: Federal and State Ambient Air Quality Standards 10
Table C: Global Warming Potential of Greenhouse Gases 13
Table D: Senate Bill 375 Regional Greenhouse Gas Emissions Reduction Targets 24
Table E: Attainment Status of Criteria Pollutants in the South Coast Air Basin 32
Table F: Ambient Air Quality at the Nearby Monitoring Stations 36
Table G: Regional Thresholds for Construction and Operational Emissions 44
Table H: South Coast Air Quality Management District Localized Significance Thresholds 45
Table I: Tentative Project Construction Schedule 49
Table J: Diesel Construction Equipment Utilized by Construction Phase 49
Table K: Project Construction Emissions 50
Table L: Project Operational Emissions 51
Table M: Project Localized Construction Emissions (lbs/day) 52
Table N: Project Localized Operational Emissions (lbs/day) 52
Table O: Health Risks from Project Construction to Off-Site Receptors 54
Table P: Mitigated Health Risks from Project Construction to Off-Site Receptors 54
Table Q: Health Risks from Project Operation to Off-Site Receptors 55
Table R: Greenhouse Gas Emissions (MT/yr) 57

LIST OF ABBREVIATIONS AND ACRONYMS

°C	degrees Celsius
°F	degrees Fahrenheit
µg/m^3	micrograms per cubic meter
AAQS	ambient air quality standards
AB	Assembly Bill
ADA	Americans with Disabilities Act
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
APN	Assessor's Parcel Number
AQMP	Air Quality Management Plan
BAAQMD	Bay Area Air Quality Management District
Basin	South Coast Air Basin
BAU	Business-As-Usual
CAA	Clean Air Act
CAAP	Climate Action and Adaptation Plan
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CALGreen Code	California Green Building Standards Code
CalRecycle	California Department of Resources Recycling and Recovery
CAP	climate action plan
CARB	California Air Resources Board
CAT	Climate Action Team
CCAA	California Clean Air Act
CCR	California Code of Regulations
CEQA	California Environmental Quality Act

CH_4	methane
City	City of Rialto
CNG	compressed natural gas
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
County	County of San Bernardino
CPUC	California Public Utilities Commission
DPM	diesel particulate matter
DRP	Development Review Process
EMFAC	California Emissions Factor Model
EO	Executive Order
EV	electric vehicle
FAR	floor area ratio
GCC	global climate change
GHG	greenhouse gas
GHGRP	Greenhouse Gas Reduction Plan
GWP	global warming potential
HARP2	Hotspots Analysis and Reporting Program 2
H_2S	hydrogen sulfide
HFCs	hydrofluorocarbons
HI	Hazard Index
HRA	Health Risk Assessment
IPCC	Intergovernmental Panel on Climate Change
lbs/day	pounds per day
LCFS	Low Carbon Fuel Standard
LED	light emitting diode
LI	Light Industrial

LOS	Level of Service
LST	Local Significance Threshold
M-2	General Manufacturing
MEI	maximally exposed individual
mg/m^3	milligrams per cubic meter
MICR	maximum individual cancer risk
MMT	million metric tons
MMT CO_2e	million metric tons of carbon dioxide equivalent
mpg	miles per gallon
mph	miles per hour
MPO	Metropolitan Planning Organization
MT	metric tons
MT CO_2e	metric tons of carbon dioxide equivalent
MT CO_2e/yr	metric tons of carbon dioxide equivalent per year
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NHTSA	National Highway Traffic Safety Administration
NO	nitric oxide
NO_2	nitrogen dioxide
NO_X	nitrogen oxides
O_3	ozone (or smog)
OEHHA	California Environmental Protection Agency's Office of Environmental Health Hazard Assessment
OPR	Governor's Office of Planning and Research
PFCs	perfluorocarbons
PM	particulate matter
$PM_{2.5}$	particulate matter less than 2.5 microns in size
PM_{10}	particulate matter less than 10 microns in size
ppb	parts per billion

ppm	parts per million
PRC	Public Resources Code
project	Rialto & Linden Industrial Warehouse Project
PSIP	Periodic Smoke Inspection Program
RCP	Regional Comprehensive Plan
RMP	Risk Management Plan
ROCs	reactive organic compounds
ROGs	reactive organic gases
RPS	Renewables Portfolio Standard
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
SB	Senate Bill
SBCOG	San Bernardino Council of Governments
SBCTA	San Bernardino County Transportation Authority
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCS	Sustainable Communities Strategy
SF_6	sulfur hexafluoride
SO_2	sulfur dioxide
SO_X	sulfur oxides
SRA	Source Receptor Area
TAC	toxic air contaminant
TRUs	transport refrigeration units
UNFCCC	United Nations Framework Convention on Climate Change
URF	unit risk factor
USEPA	United States Environmental Protection Agency
VMT	vehicle miles traveled

VOCs	volatile organic compounds
WAIRE	Warehouse Actions and Investments to Reduce Emissions
ZEV	zero-emission vehicle

INTRODUCTION

This Air Quality, Heath Risk, and Greenhouse Gas (GHG) Impact Report has been prepared to evaluate the potential air quality and GHG emissions impacts associated with the Rialto & Linden Industrial Warehouse Project (project) in the City of Rialto, California. This report follows the guidelines identified by the South Coast Air Quality Management District (SCAQMD) in its *California Environmental Quality Act (CEQA) Air Quality Handbook*,[1] and associated updates. In keeping with these guidelines, this analysis describes existing air quality, including air quality and GHG emissions generated from project-related sources, regional air pollution, and global climate change. This report also includes a health risk assessment (HRA) to estimate the increased health risk levels associated with project construction and operational activities for people living and/or working near the project site.

PROJECT LOCATION AND DESCRIPTION

The proposed project would be located on approximately 2.13 acres (Assessor's Parcel Number [APN] 0246-201-51) at the corner of West Rialto Avenue and South Linden Avenue in Rialto, San Bernardino County, California (see Figure 1, Project Location, and Figure 2, Site Plan). The project site is currently used as a truck yard and does not include any permanent buildings.

The proposed project involves the construction of a two-story, 42,000-square-foot unrefrigerated industrial warehouse that includes 4,000 square feet of office space and associated paving (35,602 square feet) and landscaping (17,062 square feet on site and 3,072 square feet off site). The first floor of the proposed building would include 38,000 square feet of industrial/warehouse space and 2,000 square feet of office space. An additional 2,000 square feet of office space would occupy the second floor of the proposed building. The proposed project would have a floor area ratio (FAR) of 0.43. Thirty-six (36) parking spaces are proposed including two Americans with Disabilities Act (ADA) compliant spaces and four electric vehicle (EV) spaces.

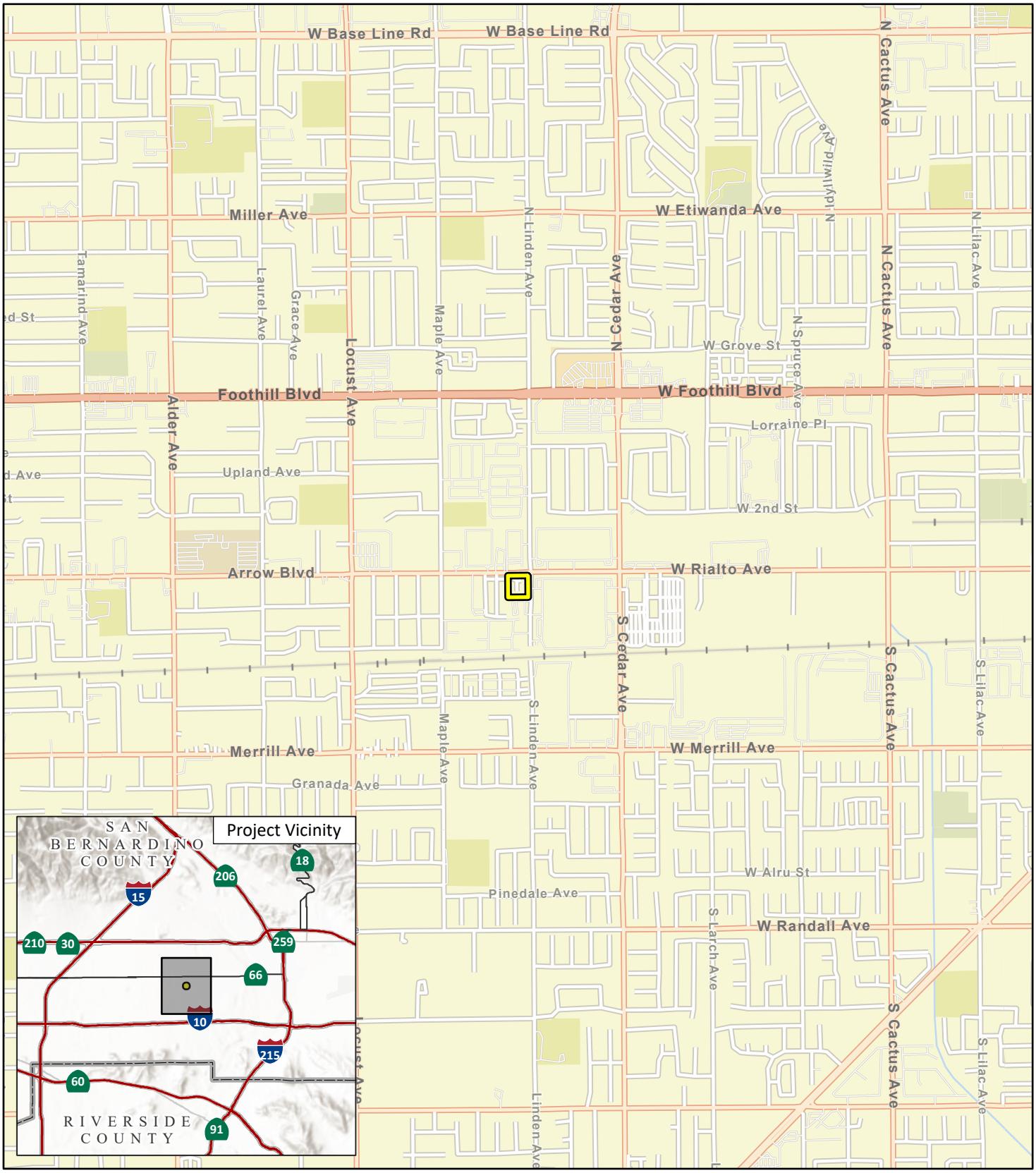
Once operational, the proposed project would generate approximately 72 average daily trips, including 43 passenger vehicle trips, one two-axle truck trip, eight three-axle truck trips, and 20 four-axle truck trips.[2] The proposed project would not include natural gas or a diesel backup generator. Operation of the proposed project would require the use of two compressed natural gas (CNG) forklifts inside the building five days per week. In addition, the proposed project would have a solar-ready roof, EV charging, motion-detection and light emitting diode (LED) lighting, low-E glass, low-flow plumbing fixtures in restrooms, and low-maintenance, drought-tolerant landscaping.

Construction is anticipated to begin mid-February 2025 and would last approximately 5.5 months. Construction would include site preparation, grading, building construction, paving, and architectural activities. Construction activities would involve the use of standard earthmoving

1 South Coast Air Quality Management District (SCAQMD). 1993. *CEQA Air Quality Handbook*. Website: http://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/ceqa-air-quality-handbook-(1993) (accessed July 2024).

2 LSA. 2024. *Rialto & Linden Industrial Warehouse Project Traffic Memorandum* (LSA Project No. 20241780). July 5.

equipment such as scrapers, graders, water trucks, dozers, cranes, boom trucks, forklifts, rubber-tired loaders, rubber-tired backhoes, and other small- to medium-sized construction equipment, as needed.



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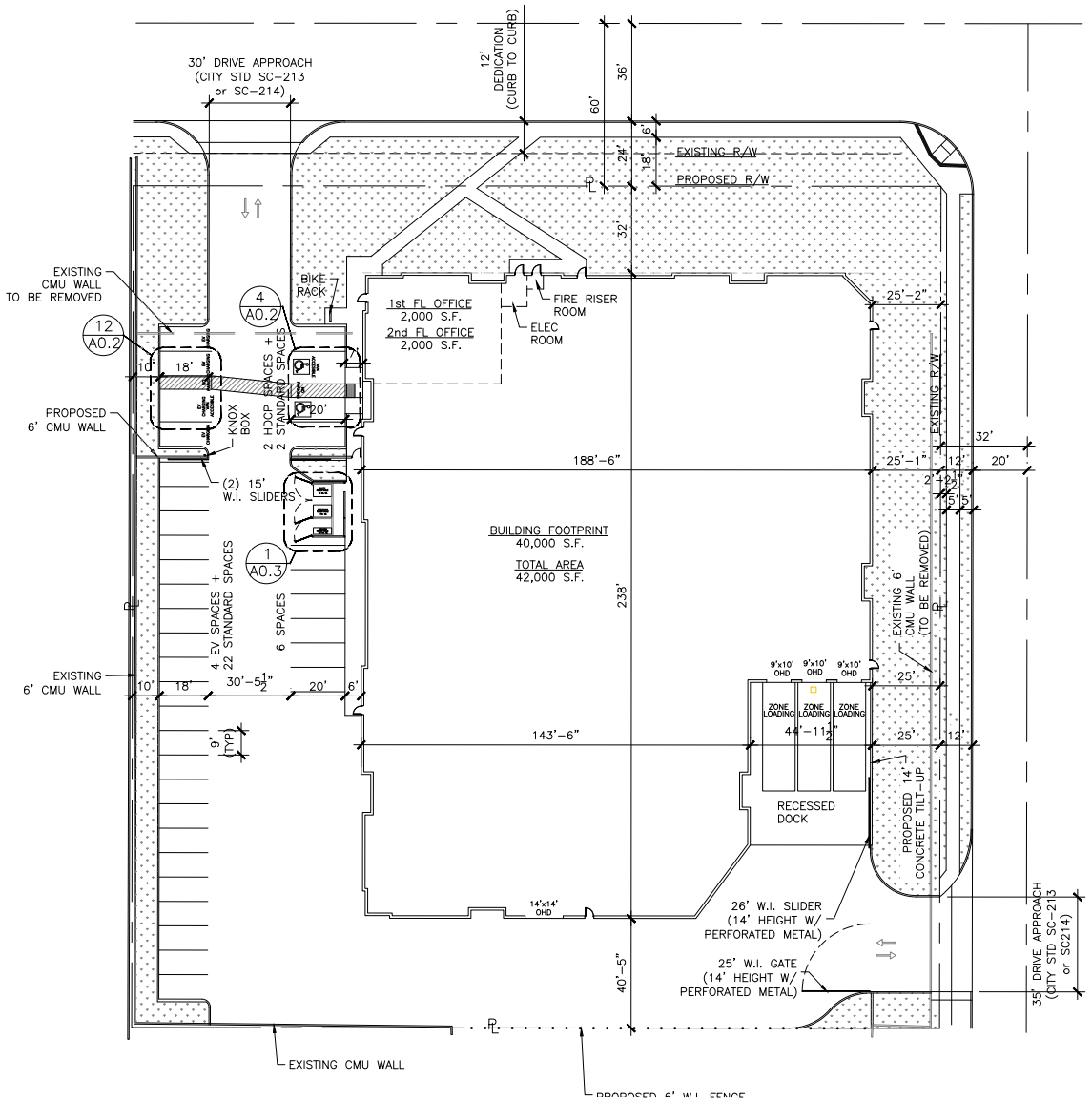
FIGURE 1

Rialto & Linden Industrial Warehouse

Project Location

SOURCE: Esri Street Map 2024

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FIGURE 2

N

0 35 70

FEET

SOURCE: Van Dam Engineering

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Rialto & Linden Industrial Warehouse

Site Plan

This analysis also assumes the use of Tier 2 construction equipment. The project site would be balanced, and no import or export of soil is required.

The project site has a City of Rialto (City) General Plan designation of Light Industrial (LI) and is zoned General Manufacturing (M-2)[3]. The LI designation allows light industrial activity such as processing, packaging, machinery repair, fabrication, distribution, warehousing and storage, research and development, and similar uses which are low impact. The M-2 zone allows a variety of general manufacturing uses related to the manufacturing, processing, or treatment of products. Therefore, the proposed industrial warehouse and office uses would be consistent with the project site's existing General Plan designation and zoning. However, a variance would be required for the proposed project's setback on South Linden Avenue.

EXISTING LAND USES IN THE PROJECT AREA

For the purposes of this analysis, sensitive receptors are areas of population that have an increased sensitivity to air pollution or environmental contaminants. Sensitive receptor locations include residences, schools, daycare centers, hospitals, parks, and similar uses which are sensitive to air quality. Impacts on sensitive receptors are of particular concern because they are the population most vulnerable to the effects of air pollution. The project site is surrounded by existing industrial and residential uses. The areas adjacent to the project site include the following uses:

- **North:** existing residential uses opposite West Rialto Avenue
- **South:** existing industrial uses
- **East:** existing industrial uses
- **West:** existing residential uses

The nearest sensitive receptors are the existing multifamily residences adjacent to the western project boundary.

[3] City of Rialto. n.d. *Rialto, California Code of Ordinances, Title 18 – Zoning.*

BACKGROUND

This section provides current background information on air pollutants and their health effects. It also provides current regulatory background information, including information from the California Air Resources Board's (CARB) *Air Quality and Land Use Handbook*[4] (CARB Handbook); a description of the general health risks of toxics, and the significance criteria for project evaluation.

AIR POLLUTANTS AND HEALTH EFFECTS

Both State and federal governments have established health-based ambient air quality standards (California Ambient Air Quality Standards [CAAQS] and National Ambient Air Quality Standards [NAAQS], respectively) for six criteria air pollutants:[5] carbon monoxide (CO), ozone (O_3), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), lead (Pb), and suspended particulate matter (PM). In addition, the State has set standards for sulfates, hydrogen sulfide, vinyl chloride, and visibility-reducing particles. These standards are designed to protect the health and welfare of the populace with a reasonable margin of safety. Long-term exposure to elevated levels of criteria pollutants may result in adverse health effects. However, emission thresholds established by an air district are used to manage total regional emissions within an air basin based on the air basin's attainment status for criteria pollutants. These emission thresholds were established for individual projects that would contribute to regional emissions and pollutant concentrations and could adversely affect or delay the projected attainment target year for certain criteria pollutants.

Because of the conservative nature of the thresholds and the basin-wide context of individual project emissions, there is no known direct correlation between a single project and localized air quality-related health effects. One individual project that generates emissions exceeding a threshold does not necessarily result in adverse health effects for residents in the project vicinity. This condition is especially true when the criteria pollutants exceeding thresholds are those with regional effects, such as ozone precursors like nitrogen oxides (NO_X) and volatile organic compounds (VOCs).

Occupants of facilities such as schools, daycare centers, parks and playgrounds, hospitals, and nursing and convalescent homes are considered to be more sensitive than the general public to air pollutants because these population groups have increased susceptibility to respiratory disease. Persons engaged in strenuous outdoor work or exercise also have increased sensitivity to poor air quality. Residential areas are considered more sensitive to air quality conditions, compared to commercial and industrial areas, because people generally spend longer periods of time at their residences, with greater associated exposure to ambient air quality conditions. Recreational uses are also considered sensitive compared to commercial and industrial uses due to greater exposure to ambient air quality conditions associated with exercise.

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4 California Air Resources Board (CARB). 2005. *Air Quality and Land Use Handbook: A Community Health Perspective.* April.

5 Criteria pollutants are defined as those pollutants for which the federal and State governments have established ambient air quality standards, or criteria, for outdoor concentrations in order to protect public health.

Ozone

Rather than being directly emitted, ozone (O_3 or smog) is formed by photochemical reactions between NO_X and VOCs. Ozone is a pungent, colorless gas. Elevated ozone concentrations result in reduced lung function, particularly during vigorous physical activity. This health problem is particularly acute in sensitive receptors such as the sick, elderly, and young children. Ozone levels peak during the summer and early fall months.

Carbon Monoxide

Carbon monoxide (CO) is formed by the incomplete combustion of fossil fuels, almost entirely from automobiles. It is a colorless, odorless gas that can cause dizziness, fatigue, and impairments to central nervous system functions. CO passes through the lungs into the bloodstream, where it interferes with the transfer of oxygen to body tissues.

Particulate Matter

Particulate matter (PM) is the term used for a mixture of solid particles and liquid droplets found in the air. Coarse particles are those that are 10 microns or less in diameter (PM_{10}). Fine, suspended particulate matter with an aerodynamic diameter of 2.5 microns or less ($PM_{2.5}$), is not readily filtered out by the lungs. Nitrates, sulfates, dust, and combustion particulates are major components of PM_{10} and $PM_{2.5}$. These small particles can be directly emitted into the atmosphere as byproducts of fuel combustion; through abrasion, such as tire or brake lining wear; or through fugitive dust (wind or mechanical erosion of soil). They can also be formed in the atmosphere through chemical reactions. Particulates may transport carcinogens and other toxic compounds that adhere to the particle surfaces and can enter the human body through the lungs.

Nitrogen Dioxide

Nitrogen dioxide (NO_2) is a reddish-brown gas that is a byproduct of combustion processes. Automobiles and industrial operations are the main sources of NO_2. Aside from its contribution to ozone formation, NO_2 also contributes to other pollution problems, including a high concentration of fine particulate matter, poor visibility, and acid deposition. NO_2 may be visible as a coloring component on high pollution days, especially in conjunction with high ozone levels. NO_2 decreases lung function and may reduce resistance to infection.

Sulfur Dioxide

Sulfur dioxide (SO_2) is a colorless, irritating gas formed primarily from incomplete combustion of fuels containing sulfur. Industrial facilities also contribute to gaseous SO_2 levels in the region. SO_2 irritates the respiratory tract, can injure lung tissue when combined with fine particulate matter, and reduces visibility and the level of sunlight.

Lead

Leaded gasoline (phased out in the United States beginning in 1973), paint (on older houses and cars), smelters (metal refineries), and the manufacture of lead storage batteries have been the primary sources of lead (Pb) released into the atmosphere. Lead has multiple adverse neurotoxic health effects, and children are at special risk. Some lead-containing chemicals cause cancer in

animals. Lead levels in the air have decreased substantially since leaded gasoline was eliminated. Ambient lead concentrations are only monitored on an as-warranted, site-specific basis in California. On October 15, 2008, the United States Environmental Protection Agency (USEPA) strengthened the NAAQS for lead by lowering it from 1.5 to 0.15 micrograms per cubic meter ($\mu g/m^3$). The USEPA revised the monitoring requirements for lead in December 2010. These requirements focus on airports and large urban areas, resulting in an increase in 76 monitors nationally.

Volatile Organic Compounds

VOCs (also known as reactive organic gases [ROGs] and reactive organic compounds [ROCs]) are formed from the combustion of fuels and the evaporation of organic solvents. VOCs are not defined as criteria pollutants, however, because VOCs accumulate in the atmosphere more quickly during the winter, when sunlight is limited and photochemical reactions are slower, they are a prime component of the photochemical smog reaction. There are no attainment designations for VOCs.

Toxic Air Contaminants

In addition to the criteria pollutants discussed above, toxic air contaminants (TACs) are another group of pollutants of concern. TACs are injurious in small quantities and are regulated by the USEPA and the CARB. Some examples of TACs include benzene, butadiene, formaldehyde, and hydrogen sulfide. The identification, regulation, and monitoring of TACs is relatively recent compared to that for criteria pollutants.

TACs do not have ambient air quality standards (AAQS), but are regulated by the USEPA, CARB, and the SCAQMD. In 1998, the CARB identified particulate matter from diesel-fueled engines as a TAC. The CARB has completed a risk management process that identified potential cancer risks for a range of activities using diesel-fueled engines.[6] High-volume freeways, stationary diesel engines, and facilities attracting heavy and constant diesel vehicle traffic (e.g., distribution centers and truck stops) were identified as posing the highest risk to adjacent receptors. Other facilities associated with increased risk include warehouse distribution centers, large retail or industrial facilities, high-volume transit centers, and schools with a high volume of bus traffic. Health risks from TACs are a function of both concentration and duration of exposure.

Unlike TACs emitted from industrial and other stationary sources noted above, most diesel particulate matter (DPM) is emitted from mobile sources—primarily "off-road" sources (e.g., construction and mining equipment, agricultural equipment, and truck-mounted refrigeration units) as well as "on-road" sources (e.g., trucks and buses traveling on freeways and local roadways).

Although not specifically monitored, recent studies indicate that exposure to DPM may contribute significantly to a cancer risk (a risk of approximately 500 to 700 in 1,000,000) that is greater than all other measured TACs combined.[7] The technology for reducing DPM emissions from heavy-duty trucks is well established, and both State and federal agencies are moving aggressively to regulate engines and emission control systems to reduce and remediate diesel emissions. The CARB anticipated that by

[6] CARB. 2000. Stationary Source Division and Mobile Source Control Division. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles.* October.

[7] Ibid.

2020, average statewide DPM concentrations will decrease by 85 percent from levels in 2000 with full implementation of the CARB's Diesel Risk Reduction Plan,[8] meaning that the statewide health risk from DPM is expected to decrease from 540 cancer cases in 1,000,000 to 21.5 cancer cases in 1,000,000. The CARB 2000 Diesel Risk Reduction Plan is still the most recent version and has not been updated.

Table A summarizes the sources and health effects of air pollutants discussed in this section. Table B presents a summary of CAAQS and NAAQS.

Table A: Sources and Health Effects of Air Pollutants

Pollutants	Sources	Primary Effects
Carbon Monoxide (CO)	• Incomplete combustion of fuels and other carbon-containing substances, such as motor exhaust • Natural events, such as decomposition of organic matter	• Reduced tolerance for exercise • Impairment of mental function • Impairment of fetal development • Death at high levels of exposure • Aggravation of some heart diseases (angina)
Nitrogen Dioxide (NO_2)	• Motor vehicle exhaust • High temperature stationary combustion • Atmospheric reactions	• Aggravation of respiratory illness • Reduced visibility • Reduced plant growth • Formation of acid rain
Ozone (O_3)	• Atmospheric reaction of organic gases with nitrogen oxides in sunlight	• Aggravation of respiratory and cardiovascular diseases • Irritation of eyes • Impairment of cardiopulmonary function • Plant leaf injury
Lead (Pb)	• Contaminated soil	• Impairment of blood functions and nerve construction • Behavioral and hearing problems in children
Suspended Particulate Matter ($PM_{2.5}$ and PM_{10})	• Stationary combustion of solid fuels • Construction activities • Industrial processes • Atmospheric chemical reactions	• Reduced lung function • Aggravation of the effects of gaseous pollutants • Aggravation of respiratory and cardiorespiratory diseases • Increased cough and chest discomfort • Soiling • Reduced visibility
Sulfur Dioxide (SO_2)	• Combustion of sulfur-containing fossil fuels • Smelting of sulfur-bearing metal ores Industrial processes	• Aggravation of respiratory diseases (asthma, emphysema) • Reduced lung function • Irritation of eyes • Reduced visibility • Plant injury • Deterioration of metals, textiles, leather, finishes, coatings, etc.

Source: California Air Resources Board (2015).

[8] CARB. 2000. Stationary Source Division and Mobile Source Control Division. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles.* October.

Table B: Federal and State Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]		Federal Standards[b]		
		Concentration[c]	Method[d]	Primary[c,e]	Secondary[c,f]	Method[g]
Ozone (O_3)[h]	1-Hour	0.09 ppm (180 µg/m³)	Ultraviolet Photometry	–	Same as Primary Standard	Ultraviolet Photometry
	8-Hour	0.07 ppm (137 µg/m³)		0.070 ppm (137 µg/m³)		
Respirable Particulate Matter (PM_{10})[i]	24-Hour	50 µg/m³	Gravimetric or Beta Attenuation	150 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m³		–		
Fine Particulate Matter ($PM_{2.5}$)[i]	24-Hour	-		35 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m³	Gravimetric or Beta Attenuation	9.0 µg/m³ [o]		
Carbon Monoxide (CO)	8-Hour	9.0 ppm (10 mg/m³)	Non-Dispersive Infrared Photometry (NDIR)	9 ppm (10 mg/m³)	–	Non-Dispersive Infrared Photometry (NDIR)
	1-Hour	20 ppm (23 mg/m³)		35 ppm (40 mg/m³)		
	8-Hour (Lake Tahoe)	6 ppm (7 mg/m³)		–	–	
Nitrogen Dioxide (NO_2)[j]	Annual Arithmetic Mean	0.03 ppm (57 µg/m³)	Gas Phase Chemi-luminescence	53 ppb (100 µg/m³)	Same as Primary Standard	Gas Phase Chemi-luminescence
	1-Hour	0.18 ppm (339 µg/m³)		100 ppb (188 µg/m³)	-	
Lead (Pb)[l,m]	30-Day Average	1.5 µg/m³	Atomic Absorption	–	–	High-Volume Sampler and Atomic Absorption
	Calendar Quarter	–		1.5 µg/m³ (for certain areas)[l]	Same as Primary Standard	
	Rolling 3-Month Average[i]	–		0.15 µg/m³		
Sulfur Dioxide (SO_2)[k]	24-Hour	0.04 ppm (105 µg/m³)	Ultraviolet Fluorescence	0.14 ppm (for certain areas)	–	Ultraviolet Fluorescence; Spectro-photometry (Pararosaniline Method)
	3-Hour	–		–	0.5 ppm (1300 µg/m³)	
	1-Hour	0.25 ppm (655 µg/m³)		75 ppb (196 µg/m³)[k]	–	
	Annual Arithmetic Mean	–		0.030 ppm (for certain areas)[k]	–	
Visibility-Reducing Particles[l]	8-Hour	See footnote n	Beta Attenuation and Transmittance through Filter Tape.	No Federal Standards		
Sulfates	24-Hour	25 µg/m³	Ion Chromatography			
Hydrogen Sulfide	1-Hour	0.03 ppm (42 µg/m³)	Ultraviolet Fluorescence			
Vinyl Chloride[j]	24-Hour	0.01 ppm (26 µg/m³)	Gas Chromatography			

Source: California Air Resources Board (2016) (Website: https://www.arb.ca.gov/research/aaqs/aaqs2.pdf).

Table notes are provided on the following page.

[a] California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1- and 24-hour), nitrogen dioxide, and particulate matter (PM_{10}, $PM_{2.5}$, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California Ambient Air Quality Standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

[b] National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m^3 is equal to or less than one. For $PM_{2.5}$, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over 3 years, are equal to or less than the standard. Contact USEPA for further clarification and current national policies.

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

[d] Any equivalent measurement method which can be shown to the satisfaction of the CARB to give equivalent results at or near the level of the air quality standard may be used.

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

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

[g] Reference method as described by the USEPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the USEPA.

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

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

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

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

Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.

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

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

[n] In 1989, the CARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

[o] On February 7, 2024, the federal annual $PM_{2.5}$ standard was revised from 12.0 µg/m^3 to 9.0 µg/m^3.

°C = degrees Celsius
µg/m^3 = micrograms per cubic meter
CARB = California Air Resources Board
mg/m^3 = milligrams per cubic meter
ppb = parts per billion
ppm = parts per million
USEPA = United States Environmental Protection Agency

GREENHOUSE GASES

Global climate change is the observed increase in the average temperature of the Earth's atmosphere and oceans in recent decades. The Earth's average near-surface atmospheric temperature rose 0.6 ± 0.2° Celsius (°C) or 1.1 ± 0.4° Fahrenheit (°F) in the 20th century. The prevailing scientific opinion on climate change is that most of the warming observed over the last 50 years is attributable to human activities. The increased amounts of carbon dioxide (CO_2) and other GHGs are the primary causes of the human-induced component of warming. GHGs are released by the burning of fossil fuels, land clearing, agriculture, and other activities, and lead to an increase in the greenhouse effect.[9]

GHGs are present in the atmosphere naturally, are released by natural sources, or are formed from secondary reactions taking place in the atmosphere. The gases that are widely seen as the principal contributors to human-induced global climate change are:

- CO_2
- Methane (CH_4)
- Nitrous oxide (N_2O)
- Hydrofluorocarbons (HFCs)
- Perfluorocarbons (PFCs)
- Sulfur hexafluoride (SF_6)

Over the last 200 years, humans have caused substantial quantities of GHGs to be released into the atmosphere. These extra emissions are increasing GHG concentrations in the atmosphere, and enhancing the natural greenhouse effect, which is believed to be causing global warming. While manmade GHGs include naturally occurring GHGs such as CO_2, methane, and N_2O, some gases, like HFCs, PFCs, and SF_6 are completely new to the atmosphere.

Certain gases, such as water vapor, are short-lived in the atmosphere. Others remain in the atmosphere for significant periods of time, contributing to climate change in the long term. Water vapor is excluded from the list of GHGs above because it is short-lived in the atmosphere and its atmospheric concentrations are largely determined by natural processes, such as oceanic evaporation. For the purposes of this air quality analysis, the term "GHGs" will refer collectively to the six gases listed above.

These gases vary considerably in terms of Global Warming Potential (GWP), which is a concept developed to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The global warming potential is based on several factors, including the relative effectiveness of a gas to absorb infrared radiation and length of time that the gas remains in the atmosphere

[9] The temperature on Earth is regulated by a system commonly known as the "greenhouse effect." Just as the glass in a greenhouse lets heat from sunlight in and reduces the heat escaping, greenhouse gases like carbon dioxide, methane, and nitrous oxide in the atmosphere keep the Earth at a relatively even temperature. Without the greenhouse effect, the Earth would be a frozen globe; thus, although an excess of greenhouse gas results in global warming, the naturally occurring greenhouse effect is necessary to keep our planet at a comfortable temperature.

("atmospheric lifetime"). The GWP of each gas is measured relative to carbon dioxide, the most abundant GHG; the definition of GWP for a particular GHG is the ratio of heat trapped by one unit mass of the GHG to the ratio of heat trapped by one unit mass of CO_2 over a specified time period. GHG emissions are typically measured in terms of pounds or tons of CO_2 equivalents (CO_2e). Table C shows the GWP for each type of GHG. For example, SF_6 is 23,900 times more potent at contributing to global warming than CO_2.

Table C: Global Warming Potential of Greenhouse Gases

Gas	Atmospheric Lifetime (Years)	Global Warming Potential (100-Year Time Horizon)
Carbon Dioxide	50-200	1
Methane	12	25
Nitrous Oxide	114	310
HFC-23	270	11,700
HFC-134a	14	140
HFC-152a	1.4	140
PFC: Tetrafluoromethane (CF_4)	50,000	6,500
PFC: Hexafluoromethane (C_2F_6)	10,000	9,200
Sulfur Hexafluoride (SF_6)	3,200	23,900

Source: *Second Update to the Climate Change Scoping Plan: Building on the Framework* (CARB 2017).
Website: www.arb.ca.gov/our-work/programs/ab-32-climate-change-scoping-plan/2017-scoping-plan-documents (accessed July 2024).
HFC = hydrofluorocarbons
PFC = perfluorocarbons

The following discussion summarizes the characteristics of the six GHGs and black carbon.

Carbon Dioxide

In the atmosphere, carbon generally exists in its oxidized form, as CO_2. Natural sources of CO_2 include the respiration (i.e., breathing) of humans, animals, and plants, volcanic out gassing, decomposition of organic matter and evaporation from the oceans. Human caused sources of CO_2 include the combustion of fossil fuels and wood, waste incineration, mineral production, and deforestation. Natural sources release approximately 150 billion tons of CO_2 each year, far outweighing the 7 billion tons of manmade emissions of CO_2 each year. Nevertheless, natural removal processes, such as photosynthesis by land- and ocean-dwelling plant species, cannot keep pace with this extra input of manmade CO_2, and consequently, the gas is building up in the atmosphere.

In 2021, total annual CO_2 accounted for approximately 81.2 percent of California's overall GHG emissions.[10] Transportation is the single largest source of CO_2 in California, which is primarily comprised of on-road travel. Electricity production, industrial, and residential sources also make important contributions to CO_2 emissions in California.

[10] CARB. 2022. GHGs Descriptions & Sources in California. Website: ww2.arb.ca.gov/ghg-descriptions-sources (accessed July 2024).

Methane

Methane (CH_4) is produced when organic matter decomposes in environments lacking sufficient oxygen. Natural sources include wetlands, termites, and oceans. Decomposition occurring in landfills accounts for the majority of human-generated CH_4 emissions in California and in the United States as a whole. Agricultural processes such as intestinal fermentation, manure management, and rice cultivation are also significant sources of CH_4 in California. Total annual emissions of CH_4 accounted for approximately 9.8 percent of GHG emissions in California in 2021.[11]

Nitrous Oxide

Nitrous oxide (N_2O) is produced naturally by a wide variety of biological sources, particularly microbial action in soils and water. Tropical soils and oceans account for the majority of natural source emissions. Nitrous oxide is a product of the reaction that occurs between nitrogen and oxygen during fuel combustion. Both mobile and stationary combustion emit N_2O, and the quantity emitted varies according to the type of fuel, technology, and pollution control device used, as well as maintenance and operating practices. Agricultural soil management and fossil fuel combustion are the primary sources of human-generated N_2O emissions in California. Nitrous oxide emissions accounted for approximately 3.4 percent of GHG emissions in California in 2021.[12]

Hydrofluorocarbons, Perfluorocarbons, and Sulfur Hexafluoride

HFCs are primarily used as substitutes for ozone-depleting substances regulated under the Montreal Protocol.[13] PFCs and SF_6 are emitted from various industrial processes, including aluminum smelting, semiconductor manufacturing, electric power transmission and distribution, and magnesium casting. There is no aluminum or magnesium production in California; however, the rapid growth in the semiconductor industry leads to greater use of PFCs. HFCs, PFCs, and SF_6 accounted for about 5.6 percent of GHG emissions in California in 2021.[14]

Black Carbon

Black carbon is the most strongly light-absorbing component of PM formed by burning fossil fuels such as coal, diesel, and biomass. Black carbon is emitted directly into the atmosphere in the form of $PM_{2.5}$ and is the most effective form of PM, by mass, at absorbing solar energy. Per unit of mass in the atmosphere, black carbon can absorb one million times more energy than CO_2.[15] Black carbon contributes to climate change both directly (e.g., absorbing sunlight) and indirectly (e.g., affecting

11 CARB. 2022. GHGs Descriptions & Sources in California. Website: ww2.arb.ca.gov/ghg-descriptions-sources (accessed July 2024).

12 Ibid.

13 The Montreal Protocol is an international treaty that was approved on January 1, 1989, and was designated to protect the ozone layer by phasing out the production of several groups of halogenated hydrocarbons believed to be responsible for ozone depletion.

14 CARB. 2022. op. cit.

15 United States Environmental Protection Agency (USEPA). 2016. Black Carbon, Basic Information. November 29, 2016. Website: https://www3.epa.gov/airquality/blackcarbon/basic.html (accessed July 2024).

cloud formation). However, because black carbon is short-lived in the atmosphere, it can be difficult to quantify its effect on global warming.

Most United States emissions of black carbon come from mobile sources (52 percent), particularly from diesel-fueled vehicles. The other major source of black carbon is open biomass burning, including wildfires, although residential heating and industry also contribute. The CARB estimates that the annual black carbon emissions in California will be reduced approximately 50 percent below 2013 levels by 2030.[16]

[16] CARB. 2017b. *Short-Lived Climate Pollutant Reduction Strategy.* March. Website: https://ww2.arb.ca.gov/sites/default/files/2020-07/final_SLCP_strategy.pdf (accessed July 2024).

REGULATORY SETTING

AIR QUALITY REGULATIONS

The USEPA and the CARB regulate direct emissions from motor vehicles. The SCAQMD is the regional agency primarily responsible for regulating air pollution emissions from stationary sources (e.g., factories) and indirect sources (e.g., traffic associated with new development), as well as monitoring ambient pollutant concentrations.

Federal Regulations

Federal Clean Air Act

The 1970 federal Clean Air Act (CAA) authorized the establishment of national health-based air quality standards and also set deadlines for their attainment. The Federal Clean Air Act Amendments of 1990 changed deadlines for attaining national standards as well as the remedial actions required of areas of the nation that exceed the standards. Under the CAA, State and local agencies in areas that exceed the national standards are required to develop State Implementation Plans to demonstrate how they will achieve the national standards by specified dates.

State Regulations

California Clean Air Act

In 1988, the California Clean Air Act (CCAA) required that all air districts in the State endeavor to achieve and maintain CAAQS for CO, O_3, SO_2, and NO_2 by the earliest practical date. The CCAA provides districts with authority to regulate indirect sources and mandates that air quality districts focus particular attention on reducing emissions from transportation and area-wide emission sources. Each nonattainment district is required to adopt a plan to achieve a 5 percent annual reduction, averaged over consecutive 3-year periods, in district-wide emissions of each nonattainment pollutant or its precursors. A Clean Air Plan shows how a district would reduce emissions to achieve air quality standards. Generally, the State standards for these pollutants are more stringent than the national standards.

California Air Resources Board

The CARB is the State's "clean air agency." The CARB's goals are to attain and maintain healthy air quality, protect the public from exposure to toxic air contaminants, and oversee compliance with air pollution rules and regulations.

Assembly Bill 2588 Air Toxics "Hot Spots" Information and Assessment Act. Under Assembly Bill (AB) 2588, stationary sources of air pollutants are required to report the types and quantities of certain substances their facilities routinely released into the air. The goals of the Air Toxics "Hot Spots" Act are to collect emission data, identify facilities having localized impacts, determine health risks, and notify nearby residents of significant risks.

The California Air Resources Board Handbook. The CARB has developed an Air Quality and Land Use Handbook[17] which is intended to serve as a general reference guide for evaluating and reducing air pollution impacts associated with new projects that go through the land use decision-making process. According to the CARB Handbook, air pollution studies have shown an association between respiratory and other non-cancer health effects and proximity to high traffic roadways. Other studies have shown that diesel exhaust and other cancer-causing chemicals emitted from cars and trucks are responsible for much of the overall cancer risk from airborne toxics in California. The CARB Handbook recommends that county and city planning agencies strongly consider proximity to these sources when finding new locations for "sensitive" land uses such as homes, medical facilities, daycare centers, schools, and playgrounds.

Land uses that can produce air pollution sources of concern include freeways, rail yards, ports, refineries, distribution centers, chrome plating facilities, dry cleaners, and large gasoline service stations. Key recommendations in the CARB Handbook include taking steps to avoid siting new, sensitive land uses:

- Within 500 feet of a freeway, urban roads with 100,000 vehicles/day or rural roads with 50,000 vehicles/day;
- Within 1,000 feet of a major service and maintenance rail yard;
- Immediately downwind of ports (in the most heavily impacted zones) and petroleum refineries;
- Within 300 feet of any dry cleaning operation (for operations with two or more machines, provide 500 feet); and/or
- Within 300 feet of a large gas station (defined as a facility with a throughput of 3.6 million gallons per year or greater).

The CARB Handbook specifically states that its recommendations are advisory and acknowledges land use agencies have to balance other considerations, including housing and transportation needs, economic development priorities, and other quality of life issues.

The recommendations are generalized and do not consider site-specific meteorology, freeway truck percentages, or other factors that influence risk for a particular project site. The purpose of this guidance is to help land use agencies determine when to further examine project sites for actual health risk associated with the location of new sensitive land uses.

Regional Regulations

South Coast Air Quality Management District

The SCAQMD has jurisdiction over most air quality matters in the South Coast Air Basin (Basin). This area includes all of Orange County, Los Angeles County except for the Antelope Valley, the non-desert portion of western San Bernardino County, and the western and Coachella Valley portions of

[17] CARB. 2005. *Air Quality and Land Use Handbook: A Community Health Perspective.* April.

Riverside County. The SCAQMD is the agency principally responsible for comprehensive air pollution control in the Basin and is tasked with implementing certain programs and regulations required by the CAA and the CCAA. The SCAQMD prepares plans to attain CAAQS and NAAQS. SCAQMD is directly responsible for reducing emissions from stationary (area and point) sources. The SCAQMD develops rules and regulations, establishes permitting requirements, inspects emissions sources, and enforces such measures though educational programs or fines, when necessary.

The proposed project could be subject to the following SCAQMD rules and regulations:[18]

- **Regulation IV - Prohibitions:** This regulation sets forth the restrictions for visible emissions, odor nuisance, fugitive dust, various air pollutant emissions, fuel contaminants, start-up/shutdown exemptions, and breakdown events.
    - **Rule 402 - Nuisance:** This rule restricts the discharge of any contaminant in quantities that cause or have a natural ability to cause injury, damage, nuisance, or annoyance to businesses, property, or the public.
    - **Rule 403 - Fugitive Dust:** This rule requires the prevention, reduction, or mitigation of fugitive dust emissions from a project site. Rule 403 restricts visible fugitive dust to a project property line, restricts the net PM_{10} emissions to less than 50 µg/m^3 and restricts the tracking out of bulk materials onto public roads. Additionally, Rule 403 requires an applicant to utilize one or more of the best available control measures (identified in the tables within the rule). Control measures may include adding freeboard to haul vehicles, covering loose material on haul vehicles, watering, using chemical stabilizers, and/or ceasing all activities. Finally, Rule 403 requires that a contingency plan be prepared if so determined by the USEPA. In addition, SCAQMD Rule 403(e), Additional Requirements for Large Operations, includes requirements to provide Large Operation Notification Form 403 N, appropriate signage, additional dust control measures, and employment of a dust control supervisor that has successfully completed the Dust Control training class in the South Coast Air Basin.
- **Regulation XI - Source Specific Standards:** Regulation XI sets emissions standards for different sources.
    - **Rule 1113 - Architectural Coatings:** This rule limits the amount of VOCs from architectural coatings and solvents, which lowers the emissions of odorous compounds.
- **Rule 2305 – Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program:** This rule reduces local and regional emissions of nitrogen oxides and particulate matter and facilitates local and regional emission reductions associated with warehouses and the mobile sources attracted to warehouses in order to assist in meeting state and federal air quality standards for ozone and fine particulate matter.

[18] SCAQMD. 2024. South Coast AQMD Rule Book. Website: https://www.aqmd.gov/home/rules-compliance/rules (accessed July 2024).

The SCAQMD is responsible for demonstrating regional compliance with AAQS but has limited indirect involvement in reducing emissions from fugitive, mobile, and natural sources. To that end, the SCAQMD works cooperatively with the CARB, the Southern California Association of Governments (SCAG), County transportation commissions, local governments, and other federal and State government agencies. It has responded to this requirement by preparing a series of Air Quality Management Plans (AQMPs) to meet CAAQS and NAAQS. SCAQMD and the SCAG are responsible for formulating and implementing the AQMP for the Basin. The main purpose of an AQMP is to bring the area into compliance with federal and State air quality standards. Every 3 years, SCAQMD prepares a new AQMP, updating the previous plan and 20-year horizon.[19]

The Final 2022 Air Quality Management Plan is the currently adopted AQMP. Key elements of the Final 2022 AQMP include the following:

- Calculating and taking credit for co-benefits from other planning efforts (e.g., climate, energy, and transportation)
- A strategy with fair-share emission reductions at the federal, State, and local levels
- Investment in strategies and technologies meeting multiple air quality objectives
- Seeking new partnerships and significant funding for incentives to accelerate deployment of zero-emission and near-zero emission technologies
- Enhanced socioeconomic assessment, including an expanded environmental justice analysis
- Attainment of the 24-hour $PM_{2.5}$ standard in 2019 with no additional measures
- Attainment of the annual $PM_{2.5}$ standard by 2025 with implementation of a portion of the O_3 strategy
- Attainment of the 1-hour O_3 standard by 2022 with no reliance on "black box" future technology (CAA Section 182(e)(5) measures)

The 2022 AQMP builds upon measures already in place from previous AQMPs. It also includes a variety of additional strategies such as regulation, accelerated deployment of available cleaner technologies (e.g., zero emissions technologies, when cost-effective and feasible, and low NO_x technologies in other applications), best management practices, co-benefits from existing programs (e.g., climate and energy efficiency), incentives, and other CAA measures to achieve the 2015 8-hour ozone standard.

Southern California Association of Governments

SCAG is a council of governments for Los Angeles, Orange, Riverside, San Bernardino, Imperial, and Ventura Counties. It is a regional planning agency and serves as a forum for regional issues relating to transportation, the economy and community development, and the environment. SCAG is the

[19] SCAQMD. 2022. *Final 2022 Air Quality Management Plan*. December 2.

federally designated Metropolitan Planning Organization (MPO) for the majority of the southern California region and is the largest MPO in the nation. With regard to air quality planning, SCAG prepares the Regional Transportation Plan (RTP) and Regional Transportation Improvement Program (RTIP), which address regional development and growth forecasts and form the basis for the land use and transportation control portions of the AQMP and are utilized in the preparation of the air quality forecasts and consistency analysis included in the AQMP. The RTP, RTIP, and AQMP are based on projections originating within local jurisdictions.

Although SCAG is not an air quality management agency, it is responsible for developing transportation, land use, and energy conservation measures that affect air quality. SCAG's Regional Comprehensive Plan (RCP) provides growth forecasts that are used in the development of air quality-related land use and transportation control strategies by the SCAQMD. The RCP is a framework for decision-making for local governments, assisting them in meeting federal and State mandates for growth management, mobility, and environmental standards, while maintaining consistency with regional goals regarding growth and changes. Policies within the RCP include consideration of air quality, land use, transportation, and economic relationships by all levels of government.

SCAG adopted the Connect SoCal: The 2024–2050 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) (Connect SoCal 2024)[20] on April 4, 2024. Connect SoCal 2024 is a long-range visioning plan that balances future mobility and housing needs with economic, environmental, and public health goals. Connect SoCal 2024 is an important planning document for the region, allowing project sponsors to qualify for federal funding and takes into account operations and maintenance costs, to ensure reliability, longevity, and cost effectiveness. The forecasted development pattern, when integrated with the financially constrained transportation investments identified in Connect SoCal 2024, would reach the GHG emissions reduction target set by CARB, including the regional target of reducing GHG emissions from autos and light-duty trucks by 19 percent by 2035 (compared to 2005 levels).

Local Regulations

City of Rialto General Plan

The City of Rialto General Plan[21] addresses air quality in the Land Use, Community, Design, Open Space, and Conservation Element. The Land Use, Community, Design, Open Space, and Conservation Element includes goals and policies that work to reduce air pollution and fugitive dust. The following policies apply to the proposed project.

[20] Southern California Association of Governments (SCAG). 2024. Connect SoCal: The 2024–2050 Regional Transportation Plan/Sustainable Communities Strategy of the Southern California Association of Governments. Website: https://scag.ca.gov/sites/main/files/file-attachments/23-2987-connect-socal-2024-final-complete-040424.pdf?1712261565 (accessed July 2024).

[21] City of Rialto. 2010. *City of Rialto General Plan*. December.

- **Policy 2-35.2:** Require that new development projects incorporate design features that encourage ridesharing, transit use, park and ride facilities, and bicycle and pedestrian circulation.

- **Policy 2-35.3:** Establish a balanced land use pattern, and facilitate developments that provide jobs for City residents in order to reduce vehicle trips citywide.

- **Policy 2-35.4:** Require new development and significant redevelopment proposals to incorporate sufficient design and operational controls to prevent release of noxious odors beyond the limits of the development site.

- **Policy 2-36.1:** Put conditions on discretionary permits to require fugitive dust controls.

- **Policy 2-36.2:** Support programs and policies of the South Coast Air Quality Management District regarding restrictions on grading operations at construction projects.

- **Policy 2.36-3:** Enforce regulations that do not allow vehicles to transport aggregate or similar material upon a roadway unless the material is stabilized or covered.

- **Policy 2-37-1:** Encourage and publicly recognize innovative approaches that improve air quality.

GREENHOUSE GAS REGULATORY SETTING

This section describes regulations related to GHGs at the federal, State, and local level.

Federal Regulations

The United States has historically had a voluntary approach to reducing GHG emissions. However, on April 2, 2007, the United States Supreme Court ruled that the USEPA has the authority to regulate CO_2 emissions under the CAA. While there currently are no adopted federal regulations for the control or reduction of GHG emissions, the USEPA commenced several actions in 2009 to implement a regulatory approach to global climate change.

This includes the 2009 USEPA final rule for mandatory reporting of GHGs from large GHG emission sources in the United States. Additionally, the USEPA Administrator signed an endangerment finding action in 2009 under the CAA, finding that six GHGs (CO_2, CH_4, N_2O, HFCs, PFCs, SF_6) constitute a threat to public health and welfare, and that the combined emissions from motor vehicles cause and contribute to global climate change, leading to national GHG emission standards.

In October 2012, the USEPA and the National Highway Traffic Safety Administration (NHTSA), on behalf of the U.S. Department of Transportation, issued final rules to further reduce GHG emissions and improve Corporate Average Fuel Economy (CAFE) standards for light-duty vehicles for model years 2017 and beyond (77 *Federal Register* 62624). The NHTSA's CAFE standards have been enacted under the Energy Policy and Conservation Act since 1978. This national program requires automobile manufacturers to build a single light-duty national fleet that meets all requirements under both federal programs and the standards of California and other states. This program would increase fuel economy to the equivalent of 54.5 miles per gallon, limiting vehicle emissions to

163 grams of CO_2 per mile for the fleet of cars and light-duty trucks by model year 2025 (77 *Federal Register* 62630).

On March 31, 2022, the NHTSA finalized the CAFE standards for Model Years 2024–2026 Passenger Cars and Light Trucks. The amended CAFE standards would require an industry wide fleet average of approximately 49 miles per gallon (mpg) for passenger cars and light trucks in model year 2026, by increasing fuel efficiency by 8 percent annually for model years 2024 to 2025, and 10 percent annually for model year 2026. The final standards are estimated to save about 234 billion gallons of gas between model years 2030 to 2050.

State Regulations

The CARB is the lead agency for implementing climate change regulations in the State. Since its formation, the CARB has worked with the public, the business sector, and local governments to find solutions to California's air pollution problems. Key efforts by the State are described below.

Assembly Bill 1493 (2002)

In a response to the transportation sector's significant contribution to California's CO_2 emissions, AB 1493 was enacted on July 22, 2002. AB 1493 requires the CARB to set GHG emission standards for passenger vehicles and light duty trucks (and other vehicles whose primary use is noncommercial personal transportation in the State) manufactured in 2009 and all subsequent model years. These standards (starting in model years 2009 to 2016) were approved by the CARB in 2004, but the needed waiver of CCAA Preemption was not granted by the USEPA until June 30, 2009. The CARB responded by amending its original regulation, now referred to as Low Emission Vehicle III, to take effect for model years starting in 2017 to 2025. The Trump administration revoked California's waiver in 2019; however, the Biden administration restored California's waiver in 2021.

Executive Order S-3-05 (2005)

Governor Arnold Schwarzenegger signed Executive Order (EO) S-3-05 on June 1, 2005, which proclaimed that California is vulnerable to the impacts of climate change. To combat those concerns, the executive order established California's GHG emissions reduction targets, which established the following goals:

- GHG emissions should be reduced to 2000 levels by 2010;
- GHG emissions should be reduced to 1990 levels by 2020; and
- GHG emissions should be reduced to 80 percent below 1990 levels by 2050.

The Secretary of the California Environmental Protection Agency (CalEPA) is required to coordinate efforts of various State agencies in order to collectively and efficiently reduce GHGs. A biannual progress report must be submitted to the Governor and State Legislature disclosing the progress made toward GHG emission reduction targets. In addition, another biannual report must be submitted illustrating the impacts of global warming on California's water supply, public health, agriculture, the coastline, and forestry and report possible mitigation and adaptation plans to address these impacts.

The Secretary of CalEPA leads this Climate Action Team (CAT) made up of representatives from State agencies as well as numerous other boards and departments. The CAT members work to coordinate statewide efforts to implement global warming emission reduction programs and the State's Climate Adaptation Strategy. The CAT is also responsible for reporting on the progress made toward meeting the statewide GHG targets that were established in the EO and further defined under AB 32, the "Global Warming Solutions Act of 2006." The first CAT Report to the Governor and the Legislature was released in March 2006, which laid out 46 specific emission reduction strategies for reducing GHG emissions and reaching the targets established in the EO. The most recent report was released in December 2020.

Assembly Bill 32 (2006), California Global Warming Solutions Act

California's major initiative for reducing GHG emissions is AB 32, passed by the State legislature on August 31, 2006. This effort aims at reducing GHG emissions to 1990 levels by 2020. The CARB has established the level of GHG emissions in 1990 at 427 million metric tons (MMT) of CO_2e (MMT CO_2e). The emissions target of 427 MMT CO_2e requires the reduction of 169 MMT CO_2e from the State's projected business-as-usual (BAU) 2020 emissions of 596 MMT CO_2e. AB 32 requires the CARB to prepare a Scoping Plan that outlines the main State strategies for meeting the 2020 deadline and to reduce GHGs that contribute to global climate change. The Scoping Plan was approved by the CARB on December 11, 2008, which contained the main strategies to achieve the reduction goals and included CARB-recommended GHG reductions for each emissions sector of the State's GHG inventory. The State achieved the GHG emission reduction goals included in the 2008 Scoping Plan.

The CARB approved the First Update to the Climate Change Scoping Plan on May 22, 2014. The First Update identified opportunities to leverage existing and new funds to further drive GHG emission reductions through strategic planning and targeted low carbon investments. The First Update defined CARB climate change priorities until 2020 and also set the groundwork to reach long-term goals set forth in EOs S-3-05 and B-16-2012. The update highlighted California's progress toward meeting the 2020 GHG emission reduction goals as defined in the initial Scoping Plan. It also evaluated how to align the State's "longer-term" GHG reduction strategies with other State policy priorities for water, waste, natural resources, clean energy, transportation, and land use. CARB released a second update to the Scoping Plan, the 2017 Scoping Plan,[22] to reflect the 2030 target set by EO B-30-15 and codified by SB 32.

Most recently, the 2022 Scoping Plan,[23] which was approved in December 2022, assesses progress towards achieving the SB 32 2030 target and lays out a path to achieve carbon neutrality no later than 2045. The 2022 Scoping Plan focuses on outcomes needed to achieve carbon neutrality by assessing paths for clean technology, energy deployment, natural and working lands, and others, and is designed to meet the State's long-term climate objectives and support a range of economic, environmental, energy security, environmental justice, and public health priorities.

22 CARB. 2017a. *California's 2017 Climate Change Scoping Plan*. November.

23 CARB. 2021. *2022 Scoping Plan Update*. May 10. Website: https://ww2.arb.ca.gov/sites/default/files/2022-12/2022-sp.pdf (accessed July 2024).

Senate Bill 97 (2007)

SB 97, signed by the Governor in August 2007 (Chapter 185, Statutes of 2007; Public Resources Code [PRC], Sections 21083.05 and 21097), acknowledges climate change is a prominent environmental issue that requires analysis under CEQA. This bill directed the Governor's Office of Planning and Research (OPR) to prepare, develop, and transmit to the California Resources Agency guidelines for mitigating GHG emissions or the effects of GHG emissions, as required by CEQA.

The California Natural Resources Agency adopted the amendments to the *State CEQA Guidelines* in November 2018, which went into effect in December 2018. The amendments do not identify a threshold of significance for GHG emissions, nor do they prescribe assessment methodologies or specific mitigation measures. The amendments encourage lead agencies to consider many factors in performing a CEQA analysis, but preserve the discretion granted by CEQA to lead agencies in making their own determinations based on substantial evidence. The amendments also encourage public agencies to make use of programmatic mitigation plans and programs when they perform individual project analyses.

Senate Bill 375 (2008)

SB 375, the Sustainable Communities and Climate Protection Act, which establishes mechanisms for the development of regional targets for reducing passenger vehicle GHG emissions, was adopted by the State on September 30, 2008. On September 23, 2010, the CARB adopted the vehicular GHG emissions reduction targets that had been developed in consultation with the MPOs; the targets require a 6 to 15 percent reduction by 2020 and between 13 to 19 percent reduction by 2035 for each MPO. SB 375 recognizes the importance of achieving significant GHG reductions by working with cities and counties to change land use patterns and improve transportation alternatives. Through the SB 375 process, MPOs such as the SCAG will work with local jurisdictions in the development of Sustainable Communities Strategy (SCS) designed to integrate development patterns and the transportation network in a way that reduces GHG emissions while meeting housing needs and other regional planning objectives. Pursuant to SB 375, the Los Angeles/Southern California reduction targets for per capita vehicular emissions were 8 percent by 2020 and are 19 percent by 2035 as shown in Table D.

Table D: Senate Bill 375 Regional Greenhouse Gas Emissions Reduction Targets

Metropolitan Planning Organization	By 2020 (percent)	By 2035 (percent)
San Francisco Bay Area	10	19
San Diego	15	19
Sacramento	7	19
Central Valley/San Joaquin	6–13	13–16
Los Angeles/Southern California	8	19

Source: California Air Resources Board (2018).

Executive Order B-30-15 (2015)

Governor Jerry Brown signed EO B-30-15 on April 29, 2015, which added the immediate target of:

- GHG emissions should be reduced to 40 percent below 1990 levels by 2030.

All State agencies with jurisdiction over sources of GHG emissions were directed to implement measures to achieve reductions of GHG emissions to meet the 2030 and 2050 targets.

Senate Bill 350 (2015) Clean Energy and Pollution Reduction Act

SB 350, signed by Governor Jerry Brown on October 7, 2015, updates and enhances AB 32 by introducing the following set of objectives in clean energy, clean air, and pollution reduction for 2030:

- Raise California's renewable portfolio standard from 33 percent to 50 percent; and
- Increasing energy efficiency in buildings by 50 percent by the year 2030.

The 50 percent renewable energy standard will be implemented by the California Public Utilities Commission (CPUC) for the private utilities and by the CEC for municipal utilities. Each utility must submit a procurement plan showing it will purchase clean energy to displace other non-renewable resources. The 50 percent increase in energy efficiency in buildings must be achieved through the use of existing energy efficiency retrofit funding and regulatory tools already available to state energy agencies under existing law. The addition made by this legislation requires State energy agencies to plan for and implement those programs in a manner that achieves the energy efficiency target.

Senate Bill 32, California Global Warming Solutions Act of 2016, and Assembly Bill 197

In summer 2016 the Legislature passed, and the Governor signed, SB 32, and AB 197. SB 32 affirms the importance of addressing climate change by codifying into statute the GHG emissions reductions target of at least 40 percent below 1990 levels by 2030 contained in Governor Brown's April 2015 EO B-30-15. SB 32 builds on AB 32 and keeps us on the path toward achieving the State's 2050 objective of reducing emissions to 80 percent below 1990 levels, consistent with an Intergovernmental Panel on Climate Change (IPCC) analysis of the emissions trajectory that would stabilize atmospheric GHG concentrations at 450 parts per million CO_2e and reduce the likelihood of catastrophic impacts from climate change.

The companion bill to SB 32, AB 197, provides additional direction to CARB related to the adoption of strategies to reduce GHG emissions. Additional direction in AB 197 meant to provide easier public access to air emissions data that are collected by CARB was posted in December 2016.

Senate Bill 100

On September 10, 2018, Governor Brown signed SB 100, which raises California's Renewables Portfolio Standard (RPS) requirements to 60 percent by 2030, with interim targets, and 100 percent by 2045. The bill also establishes a State policy that eligible renewable energy resources and zero-carbon resources supply 100 percent of all retail sales of electricity to California end-use customers

and 100 percent of electricity procured to serve all State agencies by December 31, 2045. Under the bill, the State cannot increase carbon emissions elsewhere in the western grid or allow resource shuffling to achieve the 100 percent carbon-free electricity target.

Executive Order B-55-18

EO B-55-18, signed September 10, 2018, sets a goal "to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter." EO B-55-18 directs CARB to work with relevant State agencies to ensure future Scoping Plans identify and recommend measures to achieve the carbon neutrality goal. The goal of carbon neutrality by 2045 is in addition to other statewide goals, meaning not only should emissions be reduced to 80 percent below 1990 levels by 2050, but that, by no later than 2045, the remaining emissions be offset by equivalent net removals of CO_2e from the atmosphere, including through sequestration in forests, soils, and other natural landscapes.

Assembly Bill 1279

AB 1279 was signed in September of 2022, and codifies the State goals of achieving net carbon neutrality by 2045 and maintaining net negative GHG emissions thereafter. This bill also requires California to reduce statewide GHG emissions by 85 percent compared to 1990 levels by 2045 and directs CARB to work with relevant state agencies to achieve these goals.

Title 24, Part 11, Building Standards Code and CALGreen Code

In November 2008, the California Building Standards Commission established the California Green Building Standards Code (CALGreen Code), which sets performance standards for residential and non-residential development to reduce environmental impacts and encourage sustainable construction practices. The CALGreen Code addresses energy efficiency, water conservation, material conservation, planning and design, and overall environmental quality. The CALGreen Code is updated every 3 years and was most recently updated in 2022 to include new mandatory measures for residential as well as non-residential uses.

California Building Efficiency Standards (Title 24, Part 6)

The California Building Standards Code, or Title 24 of the California Code of Regulations (CCR) contains the regulations that govern the construction of buildings in California. Within the California Building Standards Code, two parts pertain to the incorporation of both energy efficient and green building elements into land use development. Part 6 is California's Energy Efficiency Standards for Residential and Non-Residential Buildings. These standards were first adopted in 1978 in response to a legislative mandate to reduce California's energy consumption and are updated on an approximately 3-year cycle to allow consideration and possible incorporation of new energy efficient technologies and methods. The current set of standards was adopted in 2022 and applies to projects seeking building permits on or after January 1, 2023. Energy efficient buildings require less electricity; therefore, increased energy efficiency reduces fossil fuel consumption and decreases GHG emissions.

Cap and Trade

The development of a cap-and-trade program was included as a key reduction measure of the CARB AB 32 Climate Change Scoping Plan. The cap-and-trade program will help put California on the path to meet its goal of reducing GHG emissions to 1990 levels by 2020 and ultimately achieving an 80 percent reduction from 1990 levels by 2050. The cap-and-trade emissions trading program developed by the CARB took effect on January 1, 2012, with enforceable compliance obligations beginning January 1, 2013. The cap-and-trade program aims to regulate GHG emissions from the largest producers in the State by setting a statewide firm limit, or cap, on allowable annual GHG emissions. The cap was set in 2013 at approximately 2 percent below the emissions forecast for 2020. In 2014, the cap declined approximately 2 percent. Beginning in 2015 and continuing through 2020, the cap has been declining approximately 3 percent annually. The CARB administered the first auction on November 14, 2012, with many of the qualified bidders representing corporations or organizations that produce large amounts of GHG emissions, including energy companies, agriculture and food industries, steel mills, cement companies, and universities. On January 1, 2015, compliance obligation began for distributors of transportation fuels, natural gas, and other fuels. The cap-and-trade program was initially slated to sunset in 2020 but the passage of SB 398 in 2017 extended the program through 2030.

Executive Order N-79-20

EO N-79-20, which was signed by the Governor on September 23, 2020, sets the following goals for the State: 100 percent of in-state sales of new passenger cars and trucks shall be zero-emission by 2035; 100 percent of medium- and heavy-duty vehicles in the State shall be zero-emission by 2045 for all operations where feasible and by 2035 for drayage trucks; and 100 percent of off-road vehicles and equipment in the State shall be zero-emission by 2035, where feasible.

Low Carbon Fuel Standard

In January 2007, EO S-01-07 established a Low Carbon Fuel Standard (LCFS). This executive order calls for a statewide goal to be established to reduce the carbon intensity of California's transportation fuels by at least 10 percent by 2020, and that an LCFS for transportation fuels be established for California. The LCFS applies to all refiners, blenders, producers, or importers ("Providers") of transportation fuels in California, including fuels used by off-road construction equipment. In June 2007, CARB adopted the LCFS under AB 32 pursuant to Health and Safety Code Section 38560.5, and, in April 2009, CARB approved the new rules and carbon intensity reference values with new regulatory requirements taking effect in January 2011. The standards require providers of transportation fuels to report on the mix of fuels they provide and demonstrate they meet the LCFS intensity standards annually. This is accomplished by ensuring that the number of "credits" earned by providing fuels with a lower carbon intensity than the established baseline (or obtained from another party) is equal to or greater than the "deficits" earned from selling higher intensity fuels. In response to certain court rulings, CARB re-adopted the LCFS regulation in September 2015, and the LCFS went into effect on January 1, 2016. In 2018, CARB approved amendments to the regulation to readjust carbon intensity benchmarks to meet California's 2030 GHG reductions targets under SB 32. These amendments include opportunities to promote zero emission vehicle (ZEV) adoption, carbon capture and sequestration, and advanced technologies for decarbonization of the transportation sector.

Advanced Clean Cars Program

In January 2012, CARB approved the Advanced Clean Cars program, which combines the control of GHG emissions and criteria air pollutants, as well as requirements for greater numbers of ZEVs, into a single package of regulatory standards for vehicle model years 2017 through 2025. The new regulations strengthen the GHG standard for 2017 models and beyond. This will be achieved through existing technologies, the use of stronger and lighter materials, and more efficient drivetrains and engines. The program's ZEVs regulation requires battery, fuel cell, and/or plug-in hybrid electric vehicles to account for up to 15 percent of California's new vehicle sales by 2025. The program also includes a clean fuels outlet regulation designed to support the commercialization of zero-emission hydrogen fuel cell vehicles planned by vehicle manufacturers by 2015 by requiring increased numbers of hydrogen fueling stations throughout the State. The number of stations will grow as vehicle manufacturers sell more fuel cell vehicles. By 2025, when the rules will be fully implemented, the statewide fleet of new cars and light trucks will emit 40 percent fewer GHGs and 75 percent fewer smog-forming emissions than 2012 model year vehicles.

Executive Order B-48-18

In January 2018, Governor Brown signed EO B-48-18 requiring all State entities to work with the private sector to have at least 5 million ZEVs on the road by 2030, as well as install 200 hydrogen fueling stations and 250,000 electric vehicle charging stations by 2025. It specifies that 10,000 of the EV charging stations should be direct current fast chargers. This order also requires all State entities to continue to partner with local and regional governments to streamline the installation of ZEV infrastructure. The Governor's Office of Business and Economic Development is required to publish a Plug-in Charging Station Design Guidebook and update the 2015 Hydrogen Station Permitting Guidebook to aid in these efforts. All State entities are required to participate in updating the 2016 Zero-Emissions Vehicle Action Plan to help expand private investment in ZEV infrastructure with a focus on serving low-income and disadvantaged communities. Additionally, all State entities are to support and recommend policies and actions to expand ZEV infrastructure at residential land uses, through the LCFS program, and recommend how to ensure affordability and accessibility for all drivers.

Regional Regulations

South Coast Air Quality Management District

In 2008, the SCAQMD formed a Working Group to identify GHG emissions thresholds for land use projects that could be used by local lead agencies in the Basin. The Working Group developed several different options that are contained in the SCAQMD 2008 draft guidance document titled, *Interim CEQA GHG Significance Threshold for Stationary Sources, Rules, and Plans,*[24] that could be applied by lead agencies. On September 28, 2010, SCAQMD Working Group Meeting No. 15 provided further guidance, including a tiered approach for evaluating GHG emissions for

[24] SCAQMD. 2008b. *Interim CEQA GHG Significance Threshold for Stationary Sources, Rules, and Plans*. Website: http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/ghgattachmente.pdf (accessed July 2024).

development projects where the SCAQMD is not the lead agency. The SCAQMD has not presented a finalized version of these thresholds to the governing board.

The SCAQMD identifies the emissions level for which a project would not be expected to substantially conflict with any State legislation adopted to reduce statewide GHG emissions. As such, the utilization of a service population represents the rates of emissions needed to achieve a fair share of the State's mandated emissions reductions. Overall, the SCAQMD identifies a GHG efficiency level that, when applied statewide or to a defined geographic area, would meet the year 2020 and post-2020 emissions targets as required by AB 32 and SB 32. If projects are able to achieve targeted rates of emissions per the service population, the State will be able to accommodate expected population growth and achieve economic development objectives, while also abiding by AB 32's emissions target and future post-2020 targets.

Southern California Association of Governments

On April 4, 2024, SCAG adopted Connect SoCal 2024.[25] In general, the SCS outlines a development pattern for the region, which, when integrated with the transportation network and other transportation measures and policies, would reduce vehicle miles traveled (VMT) from automobiles and light-duty trucks and thereby reduce GHG emissions from these sources. For the SCAG region, CARB has set GHG reduction targets at 8 percent below 2005 per capita emissions levels by 2020, and 19 percent below 2005 per capita emissions levels by 2035. The 2024–2050 RTP/SCS lays out a strategy for the region to meet these targets. Overall, the SCS is meant to provide growth strategies that will achieve the regional GHG emissions reduction targets. Land use strategies to achieve the region's targets include planning for new growth around high-quality transit areas and livable corridors, and creating neighborhood mobility areas to integrate land use and transportation and plan for more active lifestyles.[26] However, the SCS does not require that local General Plans, Specific Plans, or zoning be consistent with the SCS; SCAG is required to consider local land use controls when drafting the SCS.

The horizon year for Connect SoCal 2024 is 2050 and the plan projects that by 2050, 66 percent of new households and 54 percent of new jobs will be located in Priority Development Areas, either near transit or in walkable communities. The objectives of Connect SoCal 2024 are to create a region with: transit as a backbone of the transportation system; more Complete Streets where people and safety are prioritized; policies that encourage emerging technologies and mobility innovations that support rather than hamper regional goals; more housing, jobs, and mobility options closer together in Priority Development Areas to preserve natural lands and open spaces; more housing to address the existing housing need; safe and fluid movement of goods, with a commitment to the broad deployment of zero- and near-zero emission technologies.

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25 SCAG. 2024. Connect SoCal: The 2024–2050 Regional Transportation Plan/Sustainable Communities Strategy of the Southern California Association of Governments. Website: https://scag.ca.gov/sites/main/files/file-attachments/23-2987-connect-socal-2024-final-complete-040424.pdf?1712261565 (accessed July 2024).

26 Ibid.

Local Regulations

City of Rialto General Plan

The City of Rialto General Plan[27] addresses climate change in the Land Use, Community, Design, Open Space, and Conservation Element. The Land Use, Community, Design, Open Space, and Conservation Element includes goals and policies that work to mitigate against climate change. The following policies apply to the proposed project.

- **Policy 2-38.1:** Encourage development of transit-oriented and infill development, and encourage a mix of uses that foster walking and alternative transportation in Downtown and along Foothill Boulevard.

- **Policy 2-38.3:** Provide enhanced bicycling and walking infrastructure, and support public transit, including public bus service, the Metrolink, and the potential for Bus Rapid Transit (BRT).

- **Policy 2-38.4:** The City shall participate in the San Bernardino Regional Greenhouse Inventory and Reduction Plan.

San Bernardino County Greenhouse Gas Reduction Plan

As a response to the 2006 AB 32 law, a project partnership led by the San Bernardino Associated Governments, the predecessor agency to the San Bernardino County Transportation Authority (SBCTA), has compiled an inventory of GHG emissions and developed reduction measures that was adopted by the 21 Partnership Cities of San Bernardino County. The regional GHG reduction plan[28] was adopted in 2021 and will serve as the basis for cities in San Bernardino County to develop more detailed community level climate action plans.

The City of Rialto was a participant in the San Bernardino County Regional Greenhouse Gas Reduction Plan (GHGRP), which identifies the County's vision and goals on reducing GHG emissions in the different cities, local government facilities, and communities. In response to these initiatives, an informal project partnership, led by the San Bernardino Council of Governments (SBCOG), compiled a GHG emissions inventory and an evaluation of reduction measures that could be adopted by the 25 Partnership Cities of San Bernardino County. The Partnership has committed to undertake the following actions that will reduce GHG emissions associated with its regional (or countywide) activities:

- Prepare a baseline (2016) GHG emissions inventory for each of the 25 Partnership Jurisdictions in the County

- Prepare a future year (2020, 2030, and 2045) GHG emissions forecasts for each of the jurisdictions

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27 City of Rialto. 2010. *City of Rialto General Plan*. December.

28 San Bernardino Council of Governments (SBCOG). 2021. San Bernardino County Regional Greenhouse Gas Reduction Plan. Website: https://www.gosbcta.com/wp-content/uploads/2019/09/San_Bernardino_Regional_GHG_Reduction_Plan_Main_Text_Mar_2021.pdf (accessed January 2023).

- Develop general GHG reduction measures and jurisdiction-specific measures appropriate for each jurisdiction

- Develop consistent baseline in information for jurisdictions to use for their development of community climate action plans (CAPs) meeting jurisdiction-identified reduction goals

SETTING

This section provides the current SCAQMD attainment status, climate and air quality, ambient air quality monitoring results, and GHG emissions inventory.

ATTAINMENT STATUS

The CARB is required to designate areas of the state as attainment, nonattainment, or unclassified for all State standards. An *attainment* designation for an area signifies that pollutant concentrations did not violate the standard for that pollutant in that area. A *nonattainment* designation indicates that a pollutant concentration violated the standard at least once, excluding those occasions when a violation was caused by an exceptional event, as defined in the criteria. An *unclassified* designation signifies that data do not support either an attainment or nonattainment status. The CCAA divides districts into moderate, serious, and severe air pollution categories, with increasingly stringent control requirements mandated for each category.

The USEPA designates areas for O_3, CO, and NO_2 as either does not meet the primary standards, or cannot be classified, or better than national standards. For SO_2, areas are designated as does not meet the primary standards, does not meet the secondary standards, cannot be classified, or better than national standards.

Table E provides a summary of the attainment status for the Basin with respect to NAAQS and CAAQS.

Table E: Attainment Status of Criteria Pollutants in the South Coast Air Basin

Pollutant	State	Federal
O_3 1 hour	Nonattainment	Extreme Nonattainment
O_3 8 hour	Nonattainment	Extreme Nonattainment
PM_{10}	Nonattainment	Attainment/Maintenance
$PM_{2.5}$	Nonattainment	Serious Nonattainment
CO	Attainment	Attainment/Maintenance
NO_2	Attainment	Attainment/Maintenance
SO_2	N/A	Attainment/Unclassified
Lead	Attainment	Attainment[1]
All others	Attainment/Unclassified	Attainment/Unclassified

Source: South Coast Air Quality Management District (2018).

[1] Except in Los Angeles County.

CO = carbon monoxide
N/A = not applicable
NO_2 = nitrogen dioxide
O_3 = ozone
PM_{10} = particulate matter less than 10 microns in size
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
SO_2 = sulfur dioxide

On February 7, 2024, the federal annual $PM_{2.5}$ standard was revised from 12.0 µg/m^3 to 9.0 µg/m^3. Within 2 years of setting new or revised NAAQS, the CAA requires the USEPA to designate areas as meeting (attainment) or not meeting (nonattainment) the standard. After a new or revised NAAQS has been issued, the CAA requires States to submit initial area designation recommendations within

12 months. The USEPA's final designations are based on: 1) the most recent 3 years of ambient air quality monitoring data; 2) recommendations submitted by the States; and 3) other technical information. If the USEPA plans to issue a designation that modifies a state recommendation, the USEPA must notify the state no later than 120 days before the final designation.

EXISTING CLIMATE AND AIR QUALITY

Air quality in the planning area is not only affected by various emission sources (e.g., mobile and industry), but also by atmospheric conditions (e.g., wind speed, wind direction, temperature, and rainfall). The combination of topography, low mixing height, abundant sunshine, and emissions from the second-largest urban area in the United States gives the Basin some of the worst air pollution in the nation.

The annual average temperature varies little throughout the Basin, ranging from the low to middle 60s°F. With a more pronounced oceanic influence, coastal areas show less variability in annual minimum and maximum temperatures than inland areas. The climatological station closest to the site is the San Bernardino Station.[29] The monthly average maximum temperature recorded at this station ranged from 66.2°F in January to 96.2°F in July and August, with an annual average maximum of 79.9°F. The monthly average minimum temperature recorded at this station ranged from 38.5°F in January to 59.4°F in August, with an annual average minimum of 48.2°F. These levels are representative of the project area.

The majority of annual rainfall in the Basin occurs between November and April. Summer rainfall is minimal and is generally limited to scattered thundershowers in coastal regions and slightly heavier showers in the eastern portion of the Basin and along the coastal side of the mountains. Average monthly rainfall at the San Bernardino Station varied from 0.04 inches in April to 3.25 inches in February, with an annual total of 16.12 inches. Patterns in monthly and yearly rainfall totals are unpredictable due to fluctuations in the weather.

The Basin experiences a persistent temperature inversion (increasing temperature with increasing altitude) as a result of the Pacific high. This inversion limits the vertical dispersion of air contaminants, holding them relatively near the ground. As the sun warms the ground and the lower air layer, the temperature of the lower air layer approaches the temperature of the base of the inversion (upper) layer until the inversion layer finally breaks, allowing vertical mixing with the lower layer. This phenomenon is observed in mid-afternoon to late afternoon on hot summer days when the air appears to clear up suddenly. Winter inversions frequently break by midmorning.

Winds in the project area blow predominantly from the south-southwest, with relatively low velocities. Wind speeds in the project area average about 5 miles per hour (mph). Summer wind speeds average slightly higher than winter wind speeds. Low average wind speeds, together with a persistent temperature inversion, limit the vertical dispersion of air pollutants throughout the Basin.

[29] Western Regional Climate Center. n.d. Recent Climate in the West. Website: http://www.wrcc.dri.edu (accessed July 2024).

Strong, dry, north, or northeasterly winds, known as Santa Ana winds, occur during the fall and winter months, dispersing air contaminants. The Santa Ana conditions tend to last for several days at a time.

The combination of stagnant wind conditions and low inversions produces the greatest pollutant concentrations. On days of no inversion or high wind speeds, ambient air pollutant concentrations are the lowest. During periods of low inversions and low wind speeds, air pollutants generated in urbanized areas are transported predominantly on shore into Riverside and San Bernardino Counties. In the winter, the greatest pollution problems are CO and NO_X because of extremely low inversions and air stagnation during the night and early morning hours. In the summer, the longer daylight hours and brighter sunshine combine to cause a reaction between hydrocarbons and NO_x to form photochemical smog. Smog is a general term that is naturally occurring fog that has become mixed with smoke or pollution. In this context it is better described as a form of air pollution produced by the photochemical reaction of sunlight with pollutants that have been released into the atmosphere, especially by automotive emissions.

AIR QUALITY MONITORING RESULTS

Air quality monitoring stations are located throughout the nation and are maintained by the local air pollution control district and State air quality regulating agencies. The SCAQMD, together with the CARB, maintains ambient air quality monitoring stations in the Basin. The air quality monitoring stations closest to the project site include the 24302 4th Street air quality monitoring station in San Bernardino and the 14360 Arrow Boulevard air quality monitoring station in Fontana.

Pollutant monitoring results for years 2020 to 2022 at the San Bernardino and Fontana ambient air quality monitoring stations, shown in Table F, indicate that air quality in the area has generally been moderate. As indicated in the monitoring results, the federal PM_{10} standard was exceeded once in 2020, 2021, and 2022. The State PM_{10} standard was exceeded 25 times in 2021 with no data for 2020 and 2022. The federal $PM_{2.5}$ standard had six exceedances in 2020, three exceedances in 2021, and six exceedances in 2022. The State 1-hour ozone standards were exceeded 15 times in 2020, six times in 2021, and three times in 2022. The State 8-hour ozone standards were exceeded 132 times in 2020, 101 in times in 2021, and 103 times in 2022. The federal 8-hour standards were exceeded 130 times in 2021, 98 times in 2021, and 96 times in in 2022. The federal CO and SO_2 standards were not exceeded in this area during the 3-year period.

GREENHOUSE GAS EMISSIONS INVENTORY

An emissions inventory that identifies and quantifies the primary human-generated sources and sinks of GHGs is a well-recognized and useful tool for addressing climate change. This section summarizes the latest information on global, United States, and California GHG emission inventories.

Global Emissions

Worldwide emissions of GHGs in 2020 totaled 22.9 billion metric tons (MT) of CO_2e. Global estimates are based on country inventories developed as part of the programs of the United Nations Framework Convention on Climate Change.[30]

United States Emissions

In 2022, the year for which the most recent data are available, the United States emitted about 6,343.2 MMT CO_2e. Overall, emissions in 2022 increased by 0.2 percent compared to the 2021 total GHG emissions. This increase in total GHG emissions was driven by fossil fuel combustion due primarily to economic activity rebounding after the height of the COVID-19 pandemic. However, GHG emissions in 2022 were 16.7 percent below those of 2005 levels.

Of the five major sectors—residential and commercial, agricultural, industry, transportation, and electricity generation—transportation accounted for the highest amount of GHG emissions in 2022 (28 percent), with electricity generation second at 25 percent and emissions from industry third at 23 percent.[31]

State of California Emissions

In 2022, the year for which the most recent data are available, the United States emitted about 6,343.2 million metric tons of CO_2e (MMT CO_2e). Overall, emissions in 2022 increased by 0.2 percent compared to the 2021 total GHG emissions. This increase in total GHG emissions was driven by fossil fuel combustion due primarily to economic activity rebounding after the height of the COVID-19 pandemic. However, GHG emissions in 2022 were 16.7 percent below those of 2005 levels. Of the five major sectors—residential and commercial, agricultural, industry, transportation, and electricity generation—transportation accounted for the highest amount of GHG emissions in 2022 (28 percent), with electricity generation second at 25 percent and emissions from industry third at 23 percent.[32]

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30 United Nations Framework Convention on Climate Change (UNFCCC). 2021. GHG Data from UNFCCC. Website: unfccc.int/process-and-meetings/transparency-and-reporting/greenhouse-gas-data/ghg-data-unfccc/ghg-data-from-unfccc (accessed July 2024).

31 USEPA. 2024. Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2022. Website: https://www.epa.gov/ghgemissions/inventory-us-greenhouse-gas-emissions-and-sinks-1990-2022 (accessed July 2024).

32 United States Environmental Protection Agency. 2024. Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2022. Website: https://www.epa.gov/ghgemissions/inventory-us-greenhouse-gas-emissions-and-sinks-1990-2022 (accessed July 2024).

Table F: Ambient Air Quality at the Nearby Monitoring Stations

Pollutant	Standard	2020	2021	2022
Carbon Monoxide (CO)[a]				
Maximum 1-hour concentration (ppm)		1.9	2.0	1.7
Number of days exceeded:	State: > 20 ppm	0	0	0
	Federal: > 35 ppm	0	0	0
Maximum 8-hour concentration (ppm)		1.4	1.6	1.4
Number of days exceeded:	State: > 9 ppm	0	0	0
	Federal: > 9 ppm	0	0	0
Ozone (O_3)[a]				
Maximum 1-hour concentration (ppm)		0.162	0.142	0.128
Number of days exceeded:	State: > 0.09 ppm	15	6	3
Maximum 8-hour concentration (ppm)		0.128	0.112	0.105
Number of days exceeded:	State: > 0.07 ppm	132	101	103
	Federal: > 0.07 ppm	130	98	96
Coarse Particulates (PM_{10})[a]				
Maximum 24-hour concentration (µg/m3)		174.8	182.4	177.8
Number of days exceeded:	State: > 50 µg/m^3	ND	25	ND
	Federal: > 150 µg/m^3	1.0	1.0	1.0
Annual arithmetic average concentration (µg/m3)		30.8	41.1	40.5
Exceeded for the year:	State: > 20 µg/m^3	Yes	Yes	Yes
	Federal: > 50 µg/m^3	No	No	No
Fine Particulates ($PM_{2.5}$)[a]				
Maximum 24-hour concentration (µg/m3)		56.6	57.9	40.1
Number of days exceeded:	Federal: > 35 µg/m^3	6	3.0	6
Annual arithmetic average concentration (µg/m3)		12.4	11.3	11.5
Exceeded for the year:	State: > 12 µg/m^3	No	No	No
	Federal: > 15 µg/m^{3a}	No	No	No
Nitrogen Dioxide (NO_2)[a]				
Maximum 1-hour concentration (ppm)		0.0540	0.0563	0.0526
Number of days exceeded:	State: > 0.250 ppm	0	0	0
Annual arithmetic average concentration (ppm)		0.013	0.015	0.015
Exceeded for the year:	Federal: > 0.053 ppm	No	No	No
Sulfur Dioxide (SO_2)[c]				
Maximum 1-hour concentration (ppm)		0.0025	0.0050	0.0027
Number of days exceeded:	State: > 0.25 ppm	ND	ND	ND
Maximum 24-hour concentration (ppm)		0.0090	0.0090	0.0090
Number of days exceeded:	State: > 0.04 ppm	ND	ND	ND
	Federal: > 0.14 ppm	0	0	0
Annual arithmetic average concentration (ppm)		ND	0.00041	0.00024
Exceeded for the year:	Federal: > 0.030 ppm	No	No	No

Sources: CARB (2024) and USEPA (2024).
[a] Data from the 24302 4th Street air quality monitoring station in San Bernardino.
[b] On February 7, 2024, the federal annual $PM_{2.5}$ standard was revised from 12.0 µg/m^3 to 9.0 µg/m^3. However, since the data presented in Table F is through 2022, it uses the 12.0 µg/m^3 standard that was in effect through 2022.
[c] Data from the 14360 Arrow Boulevard air quality monitoring station in Fontana.
µg/m^3 = micrograms per cubic meter
CARB = California Air Resources Board
ND = No data. There were insufficient (or no) data to determine the value.
ppm = parts per million
USEPA = United States Environmental Protection Agency

METHODOLOGY

The methodology used to estimate air quality, health risk, and GHG impacts is described below.

CONSTRUCTION EMISSIONS

Construction activities can generate a substantial amount of air pollution. Construction activities are considered temporary; however, short-term impacts can contribute to exceedances of air quality standards. Construction activities include site preparation, earthmoving, and general construction. The emissions generated from these common construction activities include fugitive dust from soil disturbance, fuel combustion from mobile heavy-duty diesel and gasoline powered equipment, portable auxiliary equipment, and worker commute trips.

The California Emissions Estimator Model version 2022.1 (CalEEMod) computer program was used to calculate emissions from on-site construction equipment and emissions from worker and vehicle trips to the site. As discussed previously in the Project Description, construction is anticipated to begin mid-February 2025 and would last approximately 5.5 months, which was included in CalEEMod. Construction would include site preparation, grading, building construction, paving, and architectural activities. Construction activities would involve the use of standard earthmoving equipment such as scrapers, graders, water trucks, dozers, cranes, boom trucks, forklifts, rubber-tired loaders, rubber-tired backhoes, and other small- to medium-sized construction equipment, as needed. This analysis also assumes the use of Tier 2 construction equipment and that the proposed project would comply with SCAQMD Rule 403 measures. The project site would be balanced, and no import or export of soil is required. All other construction details are not yet known; therefore, default assumptions (e.g., construction worker and truck trips and fleet activities) from CalEEMod were used.

OPERATIONAL EMISSIONS

The air quality analysis includes estimating emissions associated with long-term operation of the proposed project. Consistent with the SCAQMD guidance for estimating emissions associated with land use development projects, the CalEEMod computer program was used to calculate the long-term operational emissions associated with the project.

As discussed in the Project Description, the proposed project involves the construction of a two-story, 42,000-square-foot industrial warehouse that includes 4,000 square feet of office space and associated paving (35,602 square feet) and landscaping (17,062 square feet on site and 3,072 square feet off site). The proposed project would not be used for cold storage and is not located near a rail line. Therefore, the analysis was conducted using land use codes *Unrefrigerated Warehouse-No Rail* and *Parking Lot* in CalEEMod. The proposed project would generate approximately 72 average daily trips, including 43 passenger vehicle trips, one two-axle truck trip, eight three-axle truck trips, and 20 four-axle truck trips.[33] This analysis assumes that the truck trips would travel approximately 40 miles. To be conservative, separate CalEEMod analyses were prepared for the operational analysis.

[33] LSA. 2024. *Rialto & Linden Industrial Warehouse Project Traffic Memorandum* (LSA Project No. 20241780). July 5.

One CalEEMod run evaluated operational and vehicle trip emissions, and another CalEEMod run evaluated truck trip emissions. The proposed project would not include natural gas; therefore, this analysis incorporates selections to reflect no natural gas usage. Operation of the proposed project would require the use of two CNG forklifts inside the building five days per week; therefore, CalEEMod includes two CNG forklifts and assumes they would run up to 8 hours per day. In addition, the following project features were included in CalEEMod: EV charging, LED lighting, low-flow plumbing fixtures in restrooms, and low-maintenance, drought-tolerant landscaping. Where project-specific data were not available, default assumptions (e.g., electricity usage, water usage, and solid waste generation) from CalEEMod were used to estimate project emissions.

HEALTH RISK ASSESSMENT

A construction HRA, which evaluates construction-period health risk to off-site receptors, was performed for the proposed project. Additionally, to determine the potential health risk to people living and working near the proposed project associated with the exhaust of diesel-powered trucks and equipment, an operational HRA was conducted for the proposed project. To evaluate impacts associated with these sources, emissions are analyzed for acute health impacts, chronic, and carcinogenic health impacts. A multi-pathway assessment has been conducted to evaluate the project's emissions during construction and operation following the modeling techniques recommended in the CalEPA's Office of Environmental Health Hazard Assessment (OEHHA) *Air Toxic Hot Spots Program Risk Assessment Guidelines*.[34] The analysis herein has been conducted in accordance with SCAQMD requirements for HRAs.

The HRA analysis was conducted using three models: (1) EMFAC2021 for on-road vehicle emissions factors and percentages of fuel type within the overall vehicle fleet; (2) the American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) air dispersion model to determine how the TACs would move through the atmosphere after release from sources both on site and on surrounding roadways; and (3) CARB's Hotspots Analysis and Reporting Program 2 (HARP2) model to translate the pollutant concentrations from AERMOD into individual health risks at any sensitive receptor locations surrounding the project site.

The OEHHA has determined that long-term exposure to diesel exhaust particulates poses the highest cancer risk of any TAC it has evaluated. Exposure to diesel exhaust can also have immediate health effects. Diesel exhaust can irritate the eyes, nose, throat, and lungs, and it can cause coughs, headaches, lightheadedness, and nausea. In studies with human volunteers, DPM made people with allergies more susceptible to the materials to which they were allergic, such as dust and pollen. Exposure to DPM also causes inflammation in the lungs, which may aggravate chronic respiratory symptoms and increase the frequency or intensity of asthma attacks. For risk assessment procedures, the OEHHA specifies that the surrogate for whole diesel exhaust is DPM. The HRA analyses used PM_{10} emissions to represent DPM emissions, consistent with OEHHA guidance.

[34] California Environmental Protection Agency (CalEPA) Office of Environmental Health Hazard Assessment (OEHHA). 2015. *Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments*. March. Website: https://oehha.ca.gov/air/air-toxics-hot-spots (accessed February 2024).

The conservative nature of this analysis is due primarily to the following three factors:

- The CARB-adopted diesel exhaust unit risk factor (URF) of 300 in 1 million per microgram per cubic meter ($\mu g/m^3$) is based on the upper 95th percentile of estimated risk for each of the epidemiological studies used to develop the URF. Therefore, the risk factor is already representative of the conservative risk posed by DPM.

- The risk estimates assume sensitive receptors would be subject to DPM 24 hours per day, 350 days per year. As a conservative measure, SCAQMD does not recognize indoor adjustments for residents. However, typically people spend the majority of their time indoors versus remaining outdoors 24 hours per day, 350 days per year.

- The exposure to DPM is assumed to be constant for the given period analyzed (i.e., 30 years for the residential receptors and 25 years for the worker receptors). However, emissions from DPM are expected to substantially decrease in the future with the implementation of standard regulatory requirements and technological advancement to reduce DPM.

Emissions Sources

Construction Health Risk Assessment

A construction HRA, which evaluates construction-period health risk to off-site receptors, was performed for the proposed project. To estimate the potential cancer risk associated with construction of the proposed project from equipment exhaust (including DPM), a dispersion model was used to translate an emission rate from the source location to a concentration at the receptor location of interest (i.e., a nearby residence and worksites). The HRA analyses PM_{1o} emissions to represent DPM emissions, consistent with OEHHA guidance.[35] Dispersion modeling varies from a simpler, more conservative screening-level analysis to a more complex and refined detailed analysis. This refined assessment was conducted using the CARB exposure methodology with the air dispersion modeling performed using the USEPA dispersion model AERMOD. The model provides a detailed estimate of exhaust concentrations based on site and source geometry, source emissions strength, distance from the source to the receptor, and meteorological data.

Operational Health Risk Assessment

To determine the potential health risk to people living and working near the proposed project associated with the exhaust of diesel-powered trucks and equipment, an operational HRA was conducted for the proposed project.

The first step of an HRA is to characterize the project-related emissions of TACs. The proposed project would generate approximately 72 average daily trips, including 43 passenger vehicle trips, one two-axle truck trip, eight three-axle truck trips, and 20 four-axle truck trips.[36] The trucks would access the site via four on-site driveways along Rialto Avenue and Linden Avenue. The proposed project would provide three dock doors; as the project would contain multiple loading docks, off-site

35 CalEPA OEHHA. 2015. op cit.

36 LSA. 2024. *Rialto & Linden Industrial Warehouse Project Traffic Memorandum* (LSA Project No. 20241780). July 5.

queuing of trucks is not anticipated. While the TAC emissions from gasoline-powered vehicles have a small health effect compared to DPM, this HRA includes both gasoline- and diesel-powered vehicle emissions. For the diesel exhaust emissions, it is sufficient to only consider the DPM (PM_{10} and $PM_{2.5}$) portions of the exhaust; all the TACs for the gasoline exhaust emissions are contained in the VOC emissions. Using speciation data from CARB, the emission rates of the TAC components are derived from the total ROG emissions.

Project trucks would operate in two modes: stationary idling and moving on and off the site. The emissions from trucks while idling result in a much higher concentration of TACs at nearby sensitive receptors compared to the emissions from moving trucks. This is due to the dispersion of emissions that occurs with distance and with travel of the vehicle. Idling emission factors included in the HRA modeling includes idling events, which were assumed to be 15 minutes per truck to account for trucks starting, stopping, and moving through the project site. For this HRA, the truck travel emissions were modeled as a series of volume sources along the on-site driveways, along Rialto Avenue going east and west, and along Linden Avenue going north and south. LSA assumed vehicles traveling on site would maneuver slowly, averaging approximately 5–15 mph, and that vehicles traveling on roadways would average 5–55 mph.

The idling emissions of trucks operating on the project site were modeled as point sources within the area sources representing the planned loading docks. EMFAC2021 was used to determine the emissions factors of idling and operating diesel trucks to determine the total emissions of DPM. While it is expected that the truck emissions rate will continue to reduce over time, an HRA only allows for a single emission rate to represent the entire 30-year exposure period. The use of emissions factors for the year 2025, was used as a conservative estimate of emissions.

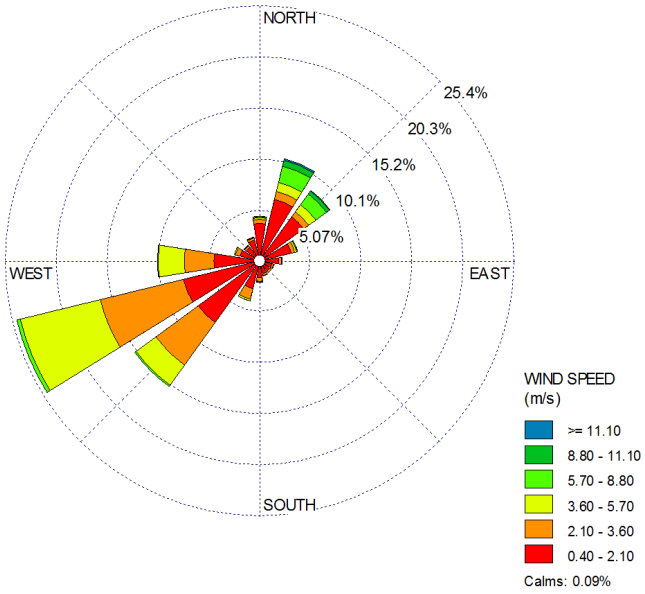
American Meteorological Society/Environmental Protection Agency Regulatory Model Dispersion Modeling

In order to assess the dispersion of emissions associated with the project, air dispersion modeling was performed using AERMOD. The model is approved by the USEPA when estimating the air quality impacts associated with point and fugitive sources in simple and complex terrain. The model was used to calculate the annual average pollutant concentrations associated with each emitting source. Inputs for each emitting source were based on the characterizations described above. Details of these inputs are provided in Appendix B.

For the volume sources used to represent on-road mobile source activity, vertical (sigma z) dispersion parameters were developed as described in the SCAQMD's modeling guidance for trucks. For the truck unloading locations, individual point sources represent the trucks idling at each loading dock. For all the idling sources, the release parameters were set to the SCAQMD default parameters. Receptors were placed at the nearest sensitive receptor locations.

The model requires additional input parameters, including local meteorology. Due to the model's sensitivity to individual parameters (e.g., wind speed, temperature, and direction), the USEPA recommends meteorological data used as input into dispersion models be selected on the basis of relative spatial and temporal conditions that exist in the area of concern. As such, 5 years of meteorological data from SCAQMD's Fontana Monitoring Station (the nearest available station) was

used to represent local weather conditions and prevailing winds. Figure 3 shows the graphical representation of the wind patterns.



Source: SCAQMD Meteorological Data for AERMOD.

Figure 3: Project Area Wind Patterns

Hotspots Analysis and Reporting Program Modeling

CARB's HARP2 model is a tool that assists with the programmatic requirements of the Air Toxics "Hot Spots" Program (AB 2588). HARP2 was used to translate the TAC concentrations from AERMOD into long-term carcinogenic and chronic, and short-term acute health risk levels following the guidance in the SCAQMD and OEHHA risk assessment guidelines. These guidelines specify a minimum set of TAC pathways and HARP2 modeling options for the carcinogenic assessment. To estimate chronic noncancer risks at residential receptors, the "Risk Management Plan (RMP)-Derived Method" risk-calculation option was used. Following the OEHHA guidance, an 8-hour chronic noncancer risk was calculated for residential receptors because the project would operate more than 8 hours per day and 5 days per week.

The dose-response relationship for a specific pollutant describes the association between exposure and the observed response (health effect). In other words, the relationship estimates how different levels of exposure to a pollutant change the likelihood and severity of health effects. The dose-response relationship (the response occurring with increasing doses) varies with each pollutant, individual sensitivity, and type of health effect. Combining the results of the emission characterization and dispersion modeling described above with the dose-response assessment gives an estimate of the increased health risk for an individual exposed to the maximum predicted long-term concentrations of TACs.

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were default rates as presented in the OEHHA guidance document entitled *Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments*[37] and guidance from SCAQMD.

GREENHOUSE GAS ANALYSIS

Recognizing that the field of global climate change analysis is rapidly evolving, the approaches advocated most recently indicate that for determining a project's contribution to GHG emissions, lead agencies should calculate, or estimate, emissions from vehicular traffic, energy consumption, water conveyance and treatment, waste generation, construction activities, and any other significant source of emissions within the project area. The CalEEMod results were used to quantify GHG emissions generated by the project.

37 CalEPA OEHHA. 2015. *Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments*. March. Website: https://oehha.ca.gov/air/air-toxics-hot-spots (accessed February 2024).

THRESHOLDS OF SIGNIFICANCE

The *State CEQA Guidelines* indicate that a project would normally have a significant adverse air quality impact if project-generated pollutant emissions would:

- Conflict with or obstruct implementation of the applicable air quality plan;
- Result in a cumulatively considerable net increase of any criteria pollutant for which the project is nonattainment under applicable federal or State ambient air quality standards;
- Expose sensitive receptors to substantial pollutant concentrations; or
- Result in other emissions (such as those leading to odors) affecting a substantial number of people.

The *State CEQA Guidelines* indicate that a project would normally have a significant adverse greenhouse gas emission impact if the project would:

- Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment; or
- Conflict with an applicable plan, policy or regulation adopted for the purpose of reduction the emissions of greenhouse gases.

Certain air districts (e.g., SCAQMD) have created guidelines and requirements to conduct air quality analysis. The SCAQMD's current guidelines, its *CEQA Air Quality Handbook* with associated updates, were followed in this assessment of air quality and GHG impacts for the proposed project.

CRITERIA POLLUTANT THRESHOLDS

SCAQMD has established daily emissions thresholds for construction and operation of a proposed project in the Basin. The emissions thresholds were established based on the attainment status of the Basin with regard to air quality standards for specific criteria pollutants. Because the concentration standards were set at a level that protects public health with an adequate margin of safety, these emissions thresholds are regarded as conservative and would overstate an individual project's contribution to health risks.

Table G lists the CEQA significance thresholds for construction and operational emissions established for the Basin. Projects in the Basin with construction- or operation-related emissions that exceed any of their respective emission thresholds would be considered significant under SCAQMD guidelines. These thresholds, which SCAQMD developed and that apply throughout the Basin, apply as both project and cumulative thresholds. If a project exceeds these standards, it is considered to have a project-specific and cumulative impact.

Table G: Regional Thresholds for Construction and Operational Emissions

Emissions Source	Pollutant Emissions Threshold (lbs/day)					
	VOCs	NO_X	CO	PM_{10}	$PM_{2.5}$	SO_X
Construction	75	100	550	150	55	150
Operations	55	55	550	150	55	150

Source: SCAQMD. Air Quality Significance Thresholds. Website: http://www.aqmd.gov/docs/default-source/ceqa/handbook/ scaqmd-air-quality-significance-thresholds.pdf (accessed July 2024).
CO = carbon monoxide
lbs/day = pounds per day
NO_X = nitrogen oxides
PM_{10} = particulate matter less than 10 microns in size
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
SCAQMD = South Coast Air Quality Management District
SO_X = sulfur oxides
VOCs = volatile organic compounds

HEALTH RISK THRESHOLDS

The following limits for maximum individual cancer risk (MICR) and noncancer acute and chronic Hazard Index (HI) from project emissions of TACs are considered appropriate for use in determining the health risk for projects in the Basin:

- **MICR:** MICR is the estimated probability of a maximally exposed individual (MEI) contracting cancer as a result of exposure to TACs over a period of 30 years for adults and 9 years for children in residential locations and over a period of 25 years for workers. The MICR calculations include multipathway consideration, when applicable.

  The cumulative increase in MICR that is the sum of the calculated MICR values for all TACs would be considered significant if it would result in an increased MICR greater than 10 in 1 million (1×10^{-5}) at any receptor location.

- **Chronic HI:** Chronic HI is the ratio of the estimated long-term level of exposure to a TAC for a potential MEI to its chronic reference exposure level. The chronic HI calculations include multipathway consideration, when applicable.

  The project would be considered significant if the cumulative increase in total chronic HI for any target organ system would exceed 1.0 at any receptor location.

- **Acute HI:** Acute HI is the ratio of the estimated maximum 1-hour concentration of a TAC for a potential MEI to its acute reference exposure level.

  The project would be considered significant if the cumulative increase in total acute HI for any target organ system would exceed 1.0 at any receptor location.

The SCAQMD's *CEQA Air Quality Handbook*[38] states that emissions of TACs are considered significant if an HRA shows an increased risk of greater than 10 in 1 million. Based on guidance from SCAQMD in the document *Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source*

38 SCAQMD. 1993. *CEQA Air Quality Handbook.* Website: http://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/ceqa-air-quality-handbook-(1993) (accessed July 2024).

Diesel Idling Emissions for CEQA Air Quality Analysis,[39] for the purposes of this analysis, the threshold of 10 in 1 million was used as the cancer risk threshold for the proposed project.

LOCALIZED IMPACTS ANALYSIS

The SCAQMD published its *Final Localized Significance Threshold Methodology* in July 2008, recommending that all air quality analyses include an assessment of air quality impacts to nearby sensitive receptors.[40] This guidance was used to analyze potential localized air quality impacts associated with construction of the proposed project. Localized significance thresholds (LST) are developed based on the size or total area of the emission source, the ambient air quality in the source receptor area, and the distance to the project. Sensitive receptors include residences, schools, hospitals, and similar uses that are sensitive to adverse air quality.

LSTs are based on the ambient concentrations of that pollutant within the project Source Receptor Area (SRA) and the distance to the nearest sensitive receptor. For the proposed project, the appropriate SRA for the LST is the nearby Central San Bernardino Valley (SRA 34). SCAQMD provides LST screening tables for 25, 50, 100, 200, and 500-meter source-receptor distances. As identified above, the closest sensitive receptors to the project site are the multifamily residences located immediately west of the project site. In cases where receptors may be closer than 82 feet (25 meters), any distances within the 82-foot (25-meter) buffer zone can be used. As such, the minimum distance of 25 meters was used for purposes of the LST assessment. Based on the anticipated construction equipment, it is assumed that the maximum daily disturbed acreage for the proposed project would be 2.0 acres.[41] The proposed project is 2.13 acres; therefore, the 2-acre thresholds were also used for operation of the proposed project. Table H lists the emissions thresholds that apply during project construction and operation.

Table H: South Coast Air Quality Management District Localized Significance Thresholds

Emissions Source	Pollutant Emissions Threshold (lbs/day)			
	NO_x	CO	PM_{10}	$PM_{2.5}$
Construction	170.0	972.0	7.0	4.0
Operations	170.0	972.0	2.0	1.0

Source: SCAQMD (2008).
Note: Source Receptor Area 34, based on a 2.0-acre disturbance daily area, at a distance of 25 meters from the project boundary.
CO = carbon monoxide
lbs/day = pounds per day
NO_x = nitrogen oxides
PM_{10} = particulate matter less than 10 microns in size
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
SCAQMD = South Coast Air Quality Management District

39 SCAQMD. 2003. *Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis*. August.

40 SCAQMD. 2008a. *Final Localized Significance Threshold Methodology*. July.

41 SCAQMD. n.d. *Fact Sheet for Applying CalEEMod to Localized Significance Thresholds*. Website: http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/caleemod-guidance.pdf (accessed June 2024).

LOCAL MICROSCALE CONCENTRATION STANDARDS

The significance of localized project impacts under CEQA depends on whether ambient CO levels in the vicinity of the project are above or below State and federal CO standards. Because ambient CO levels are below the standards throughout the Basin, a project would be considered to have a significant CO impact if project emissions result in an exceedance of one or more of the 1-hour or 8-hour standards. The following are applicable local emission concentration standards for CO:

- California State 1-hour CO standard of 20 parts per million (ppm)
- California State 8-hour CO standard of 9 ppm

GREENHOUSE GAS THRESHOLD

Rialto is one of the consortium of cities that adopted San Bernardino County's Greenhouse Gas Emissions Reduction Plan Update[42] in 2021 and GHG Development Review Process (DRP)[43] in 2016. The DRP procedures need to be followed to evaluate GHG impacts and determine significance for CEQA purposes. All projects need to apply the GHG performance standards identified in the DRP and comply with State requirements. For projects exceeding the review standard of 3,000 MT CO_2e/yr, the use of screening tables or a project-specific technical analysis to quantify and mitigate project emissions is required. If GHG emissions from the project are less than 3,000 MT CO_2e/yr and the project would apply GHG performance standards and State requirements, project-level and cumulative GHG emissions would be less than significant.

Therefore, for the purpose of this analysis, the proposed project will be compared to the County's 3,000 MT CO_2e/yr threshold. The project is also evaluated for compliance with the San Bernardino County Regional GHGRP, 2022 Scoping Plan, and the 2024–2050 RTP/SCS.

42 County of San Bernardino. 2021. Regional Greenhouse Gas Reduction Plan Update. Website: www.gosbcta.com/plan/regional-greenhouse-gas-reduction-plan/ (accessed July 2024).

43 County of San Bernardino. 2015. GHG Development Review Processes. March. Website: www.sbcounty.gov/Uploads/lus/GreenhouseGas/FinalGHGUpdate.pdf (accessed July 2024).

IMPACTS ANALYSIS

This section identifies the air quality and GHG emissions impacts associated with implementation of the proposed project.

AIR QUALITY IMPACTS

Air pollutant emissions associated with the project would occur over the short term from construction activities and over the long term from operational activities associated with the proposed land uses.

Consistency with Applicable Air Quality Plans

A consistency determination plays an essential role in local agency project review by linking local planning and unique individual projects to the air quality plans. A consistency determination fulfills the CEQA goal of fully informing local agency decision-makers of the environmental costs of the project under consideration at a stage early enough to ensure that air quality concerns are addressed. Only new or amended General Plan elements, Specific Plans, and significantly unique projects need to undergo a consistency review due to the air quality plan strategy being based on projections from local General Plans.

The AQMP is based on regional growth projections developed by SCAG. The proposed project involves the construction of a two-story, 42,000-square-foot industrial warehouse that includes 4,000 square feet of office space. As stated in the *State CEQA Guidelines,* under CEQA, a project has the potential to be regionally significant if it would house more than 1,000 persons, occupy more than 40 acres of land, or encompass more than 650,000 square feet of floor area. Thus, the proposed project would not be considered to be regionally significant.

The City's General Plan is consistent with the SCAG Regional Comprehensive Plan Guidelines and the SCAQMD AQMP. Pursuant to the methodology provided in the SCAQMD's *CEQA Air Quality Handbook*, consistency with the SCAQMD's 2022 AQMP is affirmed when a project (1) would not increase the frequency or severity of an air quality standards violation or cause a new violation, and (2) is consistent with the growth assumptions in the AQMP. Consistency review is presented as follows:

1. As demonstrated in Table K and Table L, respectively, the proposed project would result in short-term construction and long-term operational pollutant emissions that are all less than the CEQA significance emissions thresholds established by SCAQMD; therefore, the project would not result in an increase in the frequency or severity of an air quality standards violation or cause a new air quality standards violation.

2. The *CEQA Air Quality Handbook* indicates that consistency with AQMP growth assumptions must be analyzed for new or amended General Plan elements, Specific Plans, and significant projects. Significant projects include airports, electrical generating facilities, petroleum and gas refineries, designation of oil drilling districts, water ports, solid waste disposal sites, and offshore drilling facilities; therefore, the proposed project is not defined as significant. In addition, as stated in

the Project Description, although the project would require a variance for the project's setback, the proposed industrial warehouse and office uses would be consistent with the project site's existing General Plan designation and zoning.

Based on the consistency analysis presented above, the proposed project would be consistent with the regional AQMP.

Criteria Pollutant Analysis

The Basin is designated as non-attainment for O_3 and $PM_{2.5}$ for federal standards and non-attainment for O_3, PM_{10}, and $PM_{2.5}$ for State standards. The SCAQMD's nonattainment status is attributed to the region's development history. Past, present, and future development projects contribute to the region's adverse air quality impacts on a cumulative basis. By its very nature, air pollution is largely a cumulative impact. No single project is sufficient in size to, by itself, result in nonattainment of AAQS. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. If a project's contribution to the cumulative impact is considerable, then the project's impact on air quality would be considered significant.

In developing thresholds of significance for air pollutants, the SCAQMD considered the emission levels for which a project's individual emissions would be cumulatively considerable. If a project exceeds the identified significance thresholds, its emissions would be cumulatively considerable, resulting in significant adverse air quality impacts to the region's existing air quality conditions. Therefore, additional analysis to assess cumulative impacts is unnecessary. The following analysis assesses the potential project-level construction- and operation-related air quality impacts.

Construction Emissions

Project construction activities would include grading, site preparation, building, paving, and architectural coating activities. Construction-related effects on air quality from the proposed project would be greatest during the site preparation phase due to the disturbance of soils. If not properly controlled, these activities would temporarily generate particulate emissions. Sources of fugitive dust would include disturbed soils at the construction site. Unless properly controlled, vehicles leaving the site would deposit dirt and mud on local streets, which could be an additional source of airborne dust after it dries. PM_{10} emissions would vary from day to day, depending on the nature and magnitude of construction activity and local weather conditions. PM_{10} emissions would depend on soil moisture, silt content of soil, wind speed, and the amount of operating equipment. Larger dust particles would settle near the source, while fine particles would be dispersed over greater distances from the construction site.

Water or other soil stabilizers can be used to control dust, resulting in emission reductions of 50 percent or more. The SCAQMD has established Rule 403: Fugitive Dust, which would require the Applicant to implement measures that would reduce the amount of particulate matter generated during the construction period.

In addition to dust-related PM_{10} emissions, heavy trucks and construction equipment powered by gasoline and diesel engines would generate CO, SO_2, NO_x, VOCs, and some soot particulate ($PM_{2.5}$ and PM_{10}) in exhaust emissions. If construction activities were to increase traffic congestion in the

area, CO and other emissions from traffic would increase slightly while those vehicles idle in traffic. These emissions would be temporary in nature and limited to the immediate area surrounding the construction site.

Construction emissions were estimated for the project using CalEEMod. Table I lists the tentative project construction schedule based on start date in mid-February 2025 and a 5.5-month construction duration. Table J lists the potential construction equipment to be used during project construction under each phase of construction. Construction-related emissions are presented in Table K. CalEEMod output sheets are included in Appendix A.

Table I: Tentative Project Construction Schedule

Phase Number	Phase Name	Phase Start Date	Phase End Date	Number of Days/Week	Number of Days
1	Site Preparation	2/17/2025	2/28/2025	5	10
2	Grading	3/3/2025	3/14/2025	5	10
3	Building Construction	3/17/2025	7/18/2025	5	90
4	Paving	7/21/2025	8/1/2025	5	10
5	Architectural Coating	6/9/2025	8/8/2025	5	45

Source: Compiled by LSA assuming construction would start mid-February 2025 and would occur for 5.5 months. Architectural coating phase was extended to overlap with building construction (July 2024).

Table J: Diesel Construction Equipment Utilized by Construction Phase

Construction Phase	Off-Road Equipment Type	Off-Road Equipment Unit Amount	Hours Used per Day	Horsepower	Load Factor
Site Preparation	Graders	1	8	148	0.41
	Scrapers	1	8	423	0.48
	Tractors/Loaders/Backhoes	1	7	84	0.37
Grading	Graders	1	8	148	0.41
	Rubber Tired Loaders	1	8	367	0.40
	Tractors/Loaders/Backhoes	2	7	84	0.37
Building Construction	Cranes	1	8	367	0.29
	Forklifts	2	7	82	0.20
	Generator Sets	1	8	14	0.74
	Tractors/Loaders/Backhoes	1	6	84	0.37
	Welders	3	8	46	0.45
Paving	Cement and Mortar Mixers	1	8	10	0.56
	Pavers	1	8	81	0.42
	Paving Equipment	1	8	89	0.36
	Rollers	2	8	36	0.38
	Tractors/Loaders/Backhoes	1	8	84	0.37
Architectural Coating	Air Compressors	1	6	37	0.48

Source: Compiled by LSA using CalEEMod defaults (July 2024).
CalEEMod = California Emissions Estimator Model

Table K: Project Construction Emissions

Project Construction	Maximum Pollutant Emissions (lbs/day)					
	VOCs	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Maximum Daily Emissions	**9.5**	**20.3**	**15.5**	**<0.1**	**3.4**	**1.9**
SCAQMD Thresholds	75.0	100.0	550.0	150.0	150.0	55.0
Exceeds?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Compiled by LSA (July 2024).

CO = carbon monoxide
lbs/day = pounds per day
NO_X = nitrogen oxides
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
PM_{10} = particulate matter less than 10 microns in size
SCAQMD = South Coast Air Quality Management District
SO_X = sulfur oxides
VOCs = volatile organic compounds

As shown in Table K, construction emissions associated with the proposed project would not exceed the SCAQMD thresholds for VOCs, NO_X, CO, sulfur oxides (SO_X), $PM_{2.5,}$ or PM_{10} emissions. Therefore, construction of the proposed project would not result in emissions that would result in a cumulatively considerable net increase of any criteria pollutant for which the project is in nonattainment under an applicable federal or State ambient air quality standard.

Operational Air Quality Impacts

Long-term air pollutant emission impacts are those typically associated with mobile sources (e.g., vehicle and truck trips), energy sources (e.g., natural gas), area sources (e.g., architectural coatings and the use of landscape maintenance equipment), off-road sources (e.g., use of the forklifts).

Mobile source emissions include VOC and NO_X emissions that contribute to the formation of ozone. Additionally, PM_{10} emissions result from running exhaust, tire and brake wear, and the entrainment of dust into the atmosphere from vehicles traveling on paved roadways.

Energy source emissions result from activities in buildings for which natural gas is used. The quantity of emissions is the product of usage intensity (i.e., the amount of natural gas) and the emission factor of the fuel source. However, the proposed building would not include the use of natural gas.

Typically, area source emissions consist of direct sources of air emissions located at the project site, including architectural coatings and the use of landscape maintenance equipment. Off-road sources are associated with the use of the two forklifts.

Long-term operation emissions associated with the proposed project were calculated using CalEEMod. Model results are shown in Table L below. CalEEMod output sheets are included in Appendix A.

Table L: Project Operational Emissions

Emission Type	Pollutant Emissions (lbs/day)					
	VOCs	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Mobile Sources – Vehicle Trips	0.2	0.2	1.8	<0.1	0.4	0.1
Mobile Sources – Heavy Duty Truck Trips	<0.1	3.1	1.7	<0.1	0.8	0.2
Area Sources	1.3	<0.1	1.8	<0.1	<0.1	<0.1
Energy Sources	0.0	0.0	0.0	0.0	0.0	0.0
Off-Road Sources	0.0	1.8	17.6	0.0	0.0	0.0
Total Project Emissions	**1.5**	**5.1**	**22.9**	**<0.1**	**1.2**	**0.3**
SCAQMD Thresholds	**55.0**	**55.0**	**550.0**	**150.0**	**150.0**	**55.0**
Significant?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Compiled by LSA (July 2024).
Note: Some values may not appear to add correctly due to rounding.
CO = carbon monoxide
NO_X = nitrogen oxides
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
PM_{10} = particulate matter less than 10 microns in size
SCAQMD = South Coast Air Quality Management District
SO_X = sulfur oxides
VOCs = volatile organic compounds

The results shown in Table L indicate that the emissions associated with the proposed project would not exceed the significance criteria for VOCs, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$ emissions; thus, the proposed project would not have a significant effect on regional air quality. Therefore, operation of the project would not result in a cumulatively considerable net increase of any criteria pollutant for which the project is nonattainment under an applicable federal or State ambient air quality standard.

Long-Term Microscale (CO Hot Spot) Analysis

Vehicular trips associated with the proposed project would contribute to congestion at intersections and along roadway segments in the project vicinity. Localized air quality impacts would occur when emissions from vehicular traffic increase as a result of the proposed project. The primary mobile-source pollutant of local concern is CO, a direct function of vehicle idling time and, thus, of traffic flow conditions. CO transport is extremely limited; under normal meteorological conditions, CO disperses rapidly with distance from the source. However, under certain extreme meteorological conditions, CO concentrations near a congested roadway or intersection may reach unhealthful levels, affecting local sensitive receptors (e.g., residents, schoolchildren, the elderly, and hospital patients).

Typically, high CO concentrations are associated with roadways or intersections operating at unacceptable levels of service or with extremely high traffic volumes. In areas with high ambient background CO concentrations, modeling is recommended to determine a project's effect on local CO levels.

An assessment of project-related impacts on localized ambient air quality requires that future ambient air quality levels be projected. Existing CO concentrations in the immediate project vicinity are not available. Ambient CO levels monitored at the San Bernardino monitoring station (i.e., the closest station to the project site) showed a highest recorded 1-hour concentration of 2.0 ppm (the State standard is 20 ppm) and a highest 8-hour concentration of 1.6 ppm (the State standard is 9

ppm) during the past 3 years (see Table F). The highest CO concentrations would normally occur during peak traffic hours; hence, CO impacts calculated under peak traffic conditions represent a worst-case analysis.

The proposed project would generate 72 average daily trips, including 7 trips during the a.m. peak hour and 8 trips during the p.m. peak hour. As the proposed project would not generate 50 or more peak hour trips, the proposed project does not meet the criteria for an evaluation of study area intersection or roadway segment Level of Service (LOS). Therefore, the addition of the proposed project traffic is not expected to create any significant adverse impacts to nearby intersections and project-related vehicles are not expected to contribute significantly to CO concentrations exceeding the State or federal CO standards. Therefore, the intersections in the project area would not experience CO "hot spots."

Localized Significance Analysis

The SCAQMD recommends the evaluation of localized air quality impacts to sensitive receptors such as residential land uses in the immediate vicinity of a project site as a result of construction activities. The thresholds are based on standards established by the SCAQMD in its LST Methodology and are measured against emissions that occur on a specific project site. Project construction and operation emissions were compared to the LST screening tables in SRA 34, based on a 25-meter source-receptor distance. The results of the LST analysis are summarized in Tables M and N.

Table M: Project Localized Construction Emissions (lbs/day)

Source	NO_X	CO	PM_{10}	$PM_{2.5}$
On-Site Project Emissions	20.3	15.0	3.3	1.8
Localized Significance Threshold	170.0	972.0	7.0	4.0
Exceeds Threshold?	**No**	**No**	**No**	**No**

Source: Compiled by LSA (July 2024).
Note: Source Receptor Area 34, based on a 2.0-acre construction disturbance daily area, at a distance of 25 meters from the project boundary.
CO = carbon monoxide
lbs/day = pounds per day
NO_X = nitrogen oxides
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
PM_{10} = particulate matter less than 10 microns in size

Table N: Project Localized Operational Emissions (lbs/day)

Source	NO_x	CO	PM_{10}	$PM_{2.5}$
On-Site Project Emissions	2.0	19.6	0.1	<0.1
Localized Significance Threshold	170.0	972.0	2.0	1.0
Exceeds Threshold?	**No**	**No**	**No**	**No**

Source: Compiled by LSA (July 2024).
Note: Source Receptor Area 34, based on a 2.0-acre operational disturbance daily area, at a distance of 25 meters from the project boundary.
CO= carbon monoxide
lbs/day = pounds per day
NO_X = nitrogen oxides
$PM_{2.5}$= particulate matter less than 2.5 microns in size
PM_{10}= particulate matter less than 10 microns in size

By design, the localized impacts analysis only includes on-site emission sources; however, the CalEEMod outputs do not separate on-site and off-site emissions for mobile sources. For a worst-case scenario assessment, the emissions detailed in Table N assume all area and energy source emissions would occur on site, and 5 percent of the project-related new mobile sources, which is an estimate of the amount of project-related on-site vehicle travel, would occur on site. Since the majority of vehicle travel would occur off site and considering the total overall VMT and trip length included in CalEEMod, assuming that the 5 percent of the project's VMT would occur on site is conservative.

As shown in Tables M and N, the results of the LST analysis indicate that the proposed project would not result in an exceedance of the SCAQMD LST during project construction or operation.

Health Risk on Nearby Sensitive Receptors

Sensitive receptors are defined as people that have an increased sensitivity to air pollution or environmental contaminants. Sensitive receptor locations include schools, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential dwelling units. As identified above, the closest sensitive receptors to the project site are the multifamily residences located immediately west of the project site. The closest worker receptor includes the industrial uses located approximately 250 feet east of the project site across Linden Avenue and the closest school receptor includes Rialto Middle School, located approximately 1,400 feet northeast of the project site.

The following section describes the potential impacts on sensitive receptors from construction and operation of the proposed project. Health risk impacts associated with project construction and operation are evaluated separately to correctly estimate the risk for each type of receptor (i.e., residential and school versus worker locations, because residential receptors start at the third trimester, school receptors start at age 2, and workers start at age 16). The risk is calculated starting at the third trimester going to 30.25 years, which is broken down into three bins: third trimester to under 2 years, 2 years to under 16 years, and 16 years to 30 years. This is consistent with OEHHA's standard method of calculating a 30-year risk (i.e., the sum of all three bins).

The HRA analysis and results are presented below; data outputs are included in Appendix B.

Construction Health Risk Assessment

A construction HRA, which evaluates construction-period health risk to off-site receptors, was performed for the proposed project. Table O, below, identifies the results of the analysis assuming the use of Tier 2 construction equipment as proposed by the project. Model snapshots of the sources are shown in Appendix B.

As shown in Table O, the maximum cancer risk for the residential sensitive receptor MEI would be 10.09 in one million, which would exceed the SCAQMD cancer risk threshold of 10 in one million. The worker and school receptor risk would be lower at 0.043 in one million and 0.09 in one million, respectively, which would not exceed the SCAQMD cancer risk thresholds. The total chronic hazard index would be 0.013 for the sensitive receptor MEI, 0.033 for the worker receptor MEI and 0.001 for the school receptor MEI, which is below the threshold of 1.0. In addition, the total acute hazard index would be nominal (0.000), which would also not exceed the threshold of 1.0. Implementation

of Mitigation Measure AIR-1, that would require the use of cleaner construction equipment, would be required to reduce the cancer risk level to the residential MEI during project construction.

Table O: Health Risks from Project Construction to Off-Site Receptors

Location	Carcinogenic Inhalation Health Risk in One Million	Chronic Inhalation Hazard Index	Acute Inhalation Hazard Index
Residential Sensitive Receptor Risk	10.09	0.013	0.000
Worker Receptor Risk	0.43	0.033	0.000
School Receptor Risk	0.09	0.001	0.000
SCAQMD Significance Threshold	**10.0 in one million**	**1.0**	**1.0**
Significant?	**Yes**	**No**	**No**

Source: LSA (August 2024).
SCAQMD = South Coast Air Quality Management District

Mitigation Measure AIR-1 During construction of the proposed project, the project contractor shall ensure all off-road diesel-powered construction equipment of 50 horsepower or more that is used for the project construction meets, at a minimum, the California Air Resources Board (CARB) Tier 2 standards equipped with Level 3 diesel particulate filters. Verification shall be provided to the City of Rialto (City) Planning Department for confirmation, to the satisfaction of City staff.

Table P identifies the results of the analysis with implementation of Mitigation Measure AIR-1.

Table P: Mitigated Health Risks from Project Construction to Off-Site Receptors

Location	Carcinogenic Inhalation Health Risk in One Million	Chronic Inhalation Hazard Index	Acute Inhalation Hazard Index
Residential Sensitive Receptor Risk	1.54	0.002	0.000
Worker Receptor Risk	0.07	0.005	0.000
School Receptor Risk	0.01	<0.001	0.000
SCAQMD Significance Threshold	**10.0 in one million**	**1.0**	**1.0**
Significant?	**No**	**No**	**No**

Source: LSA (August 2024).
SCAQMD = South Coast Air Quality Management District

As shown in Table P, with implementation of Mitigation Measure AIR-1, the cancer risk at the residential MEI would be 1.54 in one million, which would not exceed the SCAQMD cancer risk threshold of 10 in one million. Therefore, with mitigation, construction of the proposed project would not exceed SCAQMD thresholds and would not expose nearby sensitive receptors to substantial pollutant concentrations.

Operational Health Risk Assessment

To determine the potential health risk to people living and working near the proposed project associated with the exhaust of diesel-powered trucks and equipment, an operational HRA was conducted for the proposed project. The carcinogenic and chronic health risks from the proposed project are shown in Table Q. The residential risk incorporates both the risk for a child living in a

nearby residence for 9 years (the standard period of time for child risk) and an adult living in a nearby residence for 30 years (considered a conservative period of time for an individual to live in any one residence). The HRA model snapshots and outputs are included in Appendix B.

Table Q: Health Risks from Project Operation to Off-Site Receptors

Location	Carcinogenic Inhalation Health Risk in One Million	Chronic Inhalation Hazard Index	Acute Inhalation Hazard Index
Residential Sensitive Receptor Risk	1.03	<0.001	0.000
Worker Receptor Risk	0.47	0.002	0.000
School Receptor Risk	0.78	<0.001	0.000
SCAQMD Significance Threshold	**10.0 in one million**	**1.0**	**1.0**
Significant?	**No**	**No**	**No**

Source: LSA (August 2024).
SCAQMD = South Coast Air Quality Management District

As shown in Table Q, the maximum cancer risk would be 1.03 in one million for the sensitive receptor MEI, 0.47 for the worker receptor MEI, and 0.78 for the school receptor MEI, which would all be less than the threshold of 10 in one million. The total chronic hazard index would be 0.002 for the worker receptor MEI and less than 0.001 for the sensitive and school receptor MEI, which is below the threshold of 1.0. In addition, the total acute hazard index would be less than 0.001, which would also not exceed the threshold of 1.0. As these results show, all health risk levels to nearby residents from operation-related emissions of TACs would be well below the SCAQMD's HRA thresholds. No significant health risk would occur from project operation emissions.

Odors

During project construction, some odors may be present due to diesel exhaust. However, these odors would be temporary and limited to the construction period. The proposed project would not include any activities or operations that would generate objectionable odors and once operational, the project would not be a source of odors. Therefore, the proposed project would not result in other emissions (such as those leading to odors) affecting a substantial number of people.

GREENHOUSE GAS IMPACTS

This section describes the potential GHG impacts associated with implementation the proposed project.

Generation of Greenhouse Gas Emissions

This section describes the proposed project's construction- and operational-related GHG emissions and contribution to global climate change. Neither the SCAQMD or City of Rialto have addressed emission thresholds for construction in its *CEQA Air Quality Handbook*; however, the SCAQMD requires quantification and disclosure. Thus, an evaluation of the project's impacts related to the release of GHG emissions for both construction and operational phases of the project is described below.

Short-Term Greenhouse Gas Emissions

Construction activities associated with the proposed project would produce combustion emissions from various sources. During construction, GHGs would be emitted through the operation of construction equipment and from worker and builder supply vendor vehicles, each of which typically use fossil-based fuels to operate. The combustion of fossil-based fuels creates GHGs such as CO_2, CH_4, and N_2O. Furthermore, CH_4 is emitted during the fueling of heavy equipment. Exhaust emissions from on-site construction activities would vary daily as construction activity levels change.

As indicated above, neither the SCAQMD or City of Rialto have an adopted threshold of significance for construction-related GHG emissions. However, lead agencies are required to quantify and disclose GHG emissions that would occur during construction. The SCAQMD then requires the construction GHG emissions to be amortized over the life of the project, defined by the SCAQMD as 30 years,[44] added to the operational emissions, and compared to the applicable interim GHG significance threshold tier.

Using CalEEMod, it is estimated that the project would generate approximately 143.7 MT CO_2e during construction of the project. When annualized over the 30-year life of the project, annual emissions would be 4.8 MT CO_2e.

Long-Term Greenhouse Gas Emissions

Long-term GHG emissions are typically generated from mobile sources (e.g., vehicle and truck trips), area sources (e.g., maintenance activities and landscaping), off-road sources (e.g., use of the forklifts), indirect emissions from sources associated with energy consumption, waste sources (land filling and waste disposal), and water sources (water supply and conveyance, treatment, and distribution). Mobile-source GHG emissions would include project-generated vehicle trips to and from the project. Area-source emissions would be associated with activities such as landscaping and maintenance on the project site. Energy source emissions would be generated at off-site utility providers because of increased electricity demand generated by the project. Waste source emissions generated by the proposed project include energy generated by land filling and other methods of disposal related to transporting and managing project-generated waste. In addition, water source emissions associated with the proposed project are generated by water supply and conveyance, water treatment, water distribution, and wastewater treatment. Off-road sources are associated with the use of the two forklifts.

Following guidance from the SCAQMD, GHG emissions were estimated for the proposed project using CalEEMod. Table R shows the calculated GHG emissions for the proposed project.

As discussed above, the San Bernardino County GHGRP has a screening level threshold of 3,000 MT CO_2e/yr, which would indicate that emissions are less than significant and no further analysis is required. Based on the analysis results, the proposed project would result in approximately 685.1 MT CO_2e/yr, which would be below the San Bernardino County's Review threshold of 3,000 MT

[44] The SCAQMD has identified the average operational lifespan of buildings to be 30 years. SCAQMD. 2008b. *Interim CEQA GHG Significance Threshold for Stationary Sources, Rules, and Plans*. Website: http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/ghgattachmente.pdf (accessed July 2024).

CO_2e/yr. As the project would apply the following San Bernardino County's GHGRP performance standards and adhere to State requirements, project-level and cumulative GHG emissions would be less than significant. Therefore, operation of the proposed project would not generate significant GHG emissions that would have a significant effect on the environment.

Table R: Greenhouse Gas Emissions (MT/yr)

Emissions Source	Operational Emissions (MT/yr)				
	CO_2	CH_4	N_2O	CO_2e	Percentage of Total
Mobile Sources – Vehicle and Light Duty Trucks	62.5	0.0	<0.1	63.5	9
Mobile Sources – Heavy Duty Trucks	455.8	<0.1	0.1	479.1	70
Area Sources	0.9	<0.1	<0.1	0.9	<1
Energy Sources	51.3	<0.1	<0.1	51.5	8
Water Sources	17.6	0.3	<0.1	26.9	4
Waste Sources	3.5	0.4	0.0	12.3	2
Off-Road Sources	46.0	<0.1	<0.1	46.1	7
Total Operational Emissions				**680.3**	**100**
Amortized Construction Emissions				4.8	-
Total Project Emissions				**685.1**	**-**
San Bernardino County Review Threshold				3,000	-
Exceed?				**No**	**-**

Source: Compiled by LSA (July 2024).
CH_4 = methane
CO_2 = carbon dioxide
CO_2e = carbon dioxide equivalent
MT/yr = metric tons per year
N_2O = nitrous oxide
SCAQMD = South Coast Air Quality Management District

Consistency with Greenhouse Gas Emissions Reduction Plans

An evaluation of the proposed project's consistency with the San Bernardino County GHGRP, 2022 Scoping Plan, and the 2024–2050 RTP/SCS is provided in this section.

San Bernardino County Regional Greenhouse Gas Reduction Plan

As discussed above, the City of Rialto is a participant in the San Bernardino County GHGRP, which identifies the County's vision and goals on reducing GHG emissions in the different cities, local government facilities, and communities. The applicable City of Rialto reduction measures as identified in the 2021 San Bernardino County Regional GHGRP include the following:

Building Energy Measures

- **Parking Lot Design 3-23.1:** Require mature trees and landscaping in off-street parking areas to make them more inviting and aesthetically appealing, and to provide sufficient shading to reduce heat.

- **Planned Development 3-21.7:** Require parkways to be placed on the outside of the public sidewalk immediately adjoining the curb to provide shade for pedestrians, and provide a canopy of trees to be either uniformly spaced or informally grouped.

- **Public Realm— Streetscapes Policy 2-11.2:** Provide and maintain street trees and parkway landscaping within the public right-of-way for developed properties within Rialto. Require private development to do the same as per City design regulations.

- **Public Realm—Streetscapes Policy 2-11.4:** Incorporate street trees and other landscape treatments along corridors to provide sufficient shade canopy and promote pedestrian comfort.

- **Private Realm Policy 2-17.1:** Require the planting of street trees along public streets and inclusion of trees and landscaping for private developments to improve airshed, minimize urban heat island effect, and lessen impacts of high winds.

- **Private Realm Policy 2-17.2:** Require all new development to incorporate tree plantings dense enough to shade and beautify residential and commercial areas.

- **Parking Lot Design Policy 2-23.1:** Require mature trees and landscaping in off-street parking areas to make them more inviting and aesthetically appealing, and to provide sufficient shading to reduce heat.

- **Open Space Policy 2-26.1:** Require that private open space be integrated into new development by providing green spaces and landscaped plazas between buildings.

- **Open Space Policy 2-26.2:** Enhance street corridors by incorporating small green areas, extensive landscaping, and street trees.

On-Road Measures

- **Public Realm—Pedestrian Friendly Environment 2-12.5:** Maximize potential pedestrian connections through the use of highly visible gateways, walkways, and directional signs and the installation of traffic-calming devices where appropriate.

- **Accommodating Bicyclists and Pedestrians Policy 4-8.5:** Require major developments to include bicycle storage facilities, including bicycle racks and lockers.

- **Air Quality and Climate Policy 2-38.3:** Provide enhanced bicycling and walking infrastructure, and support public transit, including public bus service, the Metrolink, and the potential for Bus Rapid Transit (BRT).

- **Expanding Rialto's Mobility Policy 4-1.4:** Reduce delays to local traffic, facilitate emergency response, and enhance safety by pursuing railroad grade separations.

- **Air Quality and Climate Policy 2-35.3:** Establish a balanced land use pattern, and facilitate developments that provide jobs for City residents in order to reduce vehicle trips Citywide.

- **Air Quality and Climate Policy 2-38.1:** Consult with State agencies, SCAG, and SBCOG to implement AB 32 and SB 375 by utilizing incentives to facilitate infill and transit-oriented development.

- **Air Quality and Climate Policy 2-38.2:** Encourage development of transit-oriented and infill development, and encourage a mix of uses that foster walking and alternative transportation in Downtown and along Foothill Boulevard.

- **Air Quality and Climate Policy 2-35.2:** Require that new development projects incorporate design features that encourage ridesharing, transit use, park and ride facilities, and bicycle and pedestrian circulation.

- **Air Quality and Climate Policy 2-38.3:** Provide enhanced bicycling and walking infrastructure, and support public transit, including public bus service, the Metrolink, and the potential for Bus Rapid Transit (BRT).

- **Accommodating Bicyclists and Pedestrians Policy 4-9.4:** Accommodate pedestrians and bicyclists — in addition to automobiles — when considering new development projects.

- **Accommodating Bicyclists and Pedestrians Policy 4-9.1:** Install sidewalks where they are missing, and make improvements to existing sidewalks for accessibility purposes. Priority should be given to needed sidewalk improvement near schools and activity centers. Provide wider sidewalks in areas with higher pedestrian volumes.

Solid Waste Management Measures

- **Recycling Policy 2-34.2:** Utilize source reduction, recycling, and other appropriate measures to reduce the amount of solid waste generated in Rialto that is disposed of in landfills.

- **Recycling Policy 2-34.3:** Encourage the maximum diversion from landfills of construction and demolition materials through recycling and reuse programs.

- **Solid Waste and Recycling Policy 3-10.2:** Encourage the recycling of construction and demolition materials in an effort to divert these items from entering landfills.

Wastewater Treatment Measures

- **Wastewater Policy 3-9.1:** Require that all new development or expansion of existing facilities bear the cost of expanding the wastewater disposal system to handle the increased loads which they are expected to generate.

Water Conveyance Measures

- **Conserve Water Resources Policy 2-29.1:** Require new development to use features, equipment, technology, landscaping, and other methods to reduce water consumption.

- **Private Realm Policy 2-17.3:** Require the use of drought-tolerant, native landscaping and smart irrigation systems for new development to lower overall water usage.

- **Parking Lot Design Policy 2-23.3:** Require use of drainage improvements designed, with native vegetation where possible, to retain or detain water runoff and minimize pollutants into drainage system.

- **Water Policy 3-8.9:** Conserve potable water and utilize reclaimed water for meeting landscaping and irrigation demands as much as possible.

- **Water Policy 3-8.10:** Support water conservation through requirements for landscaping with drought-tolerant plants and efficient irrigation for all new development and City projects.

- **Conserve Water Resources Policy 2-29.1:** Require new development to use features, equipment, technology, landscaping, and other methods to reduce water consumption.

The proposed project would include 17,062 square feet of on-site landscaping and 3,072 square feet of off-site landscaping, consistent with City requirements. All landscaping would be low-maintenance and drought-tolerant. In addition, the proposed project would be all-electric, have a solar-ready roof, EV charging, motion-detection and LED lighting, low-E glass, and low-flow plumbing fixtures in restrooms. As such, the proposed project would be consistent with the applicable Building Energy Measures.

The proposed project would include a speculative warehouse building. Due to the nature of the proposed project, mass transit would not be feasible. Further, there are currently no existing bicycle facilities adjacent to project site. Based on the City's Active Transportation Plan (ATP), there is an existing Class III Bike Route 1 mile to the east of the project site on Rialto Avenue, as well as a Class I Multi-use Path (Pacific Trail) toward the north of Rialto Avenue. The proposed project is not proposing any alteration/modification of the existing or proposed bike facilities. As such, the proposed project will not decrease the performance or safety of any existing or proposed bicycle facilities. Additionally, according to the City's ATP, the plan seeks to provide and promote a pedestrian- and bicyclist-friendly environment, including streets, sidewalks, and pathways, to act as a fundamental element of the City's pedestrian network. Within the project vicinity, there are paved and continuous sidewalks present along the frontage of both Rialto Avenue and Linden Avenue, including the project frontage. The proposed project would enhance the entire project frontage and is not anticipated to remove any existing sidewalk. As such, the proposed project will not decrease the performance or safety of the existing pedestrian facilities near the project frontage.

Omnitrans is the public transit agency serving the San Bernardino Valley. Omnitrans' fixed bus routes 14 and 15 operate within 0.5 mile of the project site. Additionally, Metrolink is a commuter rail system in Southern California, serving Los Angeles, Orange, Riverside, San Bernardino, and Ventura counties, as well as Oceanside in San Diego County. At present, the nearest Metrolink station to the project site is the Rialto Metrolink station, located approximately 1.6 miles away. At present, there are no proposed service changes in Omnitrans' transit network or Metrolink's network due to implementation of the proposed project. As such, the proposed project would not decrease the performance or safety of any existing or proposed public transit facilities. As such, the proposed project would be consistent with the applicable On-Road Measures.

Additionally, the proposed project would be consistent with County Solid Waste and State requirement and applicable wastewater disposal requirements, consistent with the Solid Waste Management Measures and Wastewater Treatment Measures. Further, the proposed project would comply with the CALGreen Code, regarding water conservation. In addition, the proposed project would include low-flow plumbing fixtures in restrooms and low-maintenance, drought-tolerant landscaping. As such, the proposed project would be consistent with the applicable Water Conveyance Measures.

As demonstrated above, the proposed project would be consistent with the Bernardino County Regional GHGRP.

2022 Scoping Plan

The following discussion evaluates the proposed project according to the goals of the 2022 Scoping Plan, EO B-30-15, AB 1279, SB 32, and AB 197.

EO B-30-15 added the immediate target of reducing GHG emissions to 40 percent below 1990 levels by 2030. CARB released a second update to the Scoping Plan, the 2017 Scoping Plan,[45] to reflect the 2030 target set by EO B-30-15 and codified by SB 32. SB 32 affirms the importance of addressing climate change by codifying into statute the GHG emissions reductions target of at least 40 percent below 1990 levels by 2030 contained in EO B-30-15. SB 32 builds on AB 32 and keeps California on the path toward achieving the State's 2050 objective of reducing emissions to 80 percent below 1990 levels.

The companion bill to SB 32, AB 197, provides additional direction to the CARB related to the adoption of strategies to reduce GHG emissions. Additional direction in AB 197 intended to provide easier public access to air emissions data that are collected by CARB was posted in December 2016.AB 1279 establishes State policy to achieve net zero GHG emissions no later than 2045 and for Statewide anthropogenic GHG emissions to be reduced to at least 85 percent below 1990 levels by 2045.

In addition, the 2022 Scoping Plan assesses progress toward the statutory 2030 target, while laying out a path to achieving carbon neutrality no later than 2045. The 2022 Scoping Plan focuses on outcomes needed to achieve carbon neutrality by assessing paths for clean technology, energy deployment, natural and working lands, and others, and is designed to meet the State's long-term climate objectives and support a range of economic, environmental, energy security, environmental justice, and public health priorities.

The 2022 Scoping Plan focuses on building clean energy production and distribution infrastructure for a carbon-neutral future, including transitioning existing energy production and transmission infrastructure to produce zero-carbon electricity and hydrogen, and utilizing biogas resulting from wildfire management or landfill and dairy operations, among other substitutes. The 2022 Scoping Plan states that in almost all sectors, electrification will play an important role. The 2022 Scoping Plan evaluates clean energy and technology options and the transition away from fossil fuels,

[45] CARB. 2017a. *California's 2017 Climate Change Scoping Plan*. November.

including adding four times the solar and wind capacity by 2045 and about 1,700 times the amount of current hydrogen supply. As discussed in the 2022 Scoping Plan, EO N-79-20 requires that all new passenger vehicles sold in California will be zero-emission by 2035, and all other fleets will have transitioned to zero-emission as fully possible by 2045, which will reduce the percentage of fossil fuel combustion vehicles.

Energy efficient measures are intended to maximize energy efficiency building and appliance standards, pursue additional efficiency efforts including new technologies and new policy and implementation mechanisms, and pursue comparable investment in energy efficiency from all retail providers of electricity in California. In addition, these measures are designed to expand the use of green building practices to reduce the carbon footprint of California's new and existing inventory of buildings. The proposed project would comply with the CALGreen Code, regarding energy conservation and green building standards. As mentioned above, no natural gas demand is anticipated during construction or operation of the proposed project. The elimination of natural gas in new development would help projects implement their "fair share" of achieving long-term 2045 carbon neutrality consistent with State goals. As such, if a project does not utilize natural gas, a lead agency can conclude that it would be consistent with achieving the 2045 neutrality goal and will not have a cumulative considerable impact on climate change.[46] In addition, the proposed project would have a solar-ready roof, motion-detection and LED lighting, and low-E glass. Therefore, the proposed project would comply with applicable energy measures.

Water conservation and efficiency measures are intended to continue efficiency programs and use cleaner energy sources to move and treat water. Increasing the efficiency of water transport and reducing water use would reduce GHG emissions. As noted above, the project would comply with the CALGreen Code, which includes a variety of different measures, including the reduction of wastewater and water use. In addition, the proposed project would be required to comply with the California Model Water Efficient Landscape Ordinance. In addition, the proposed project would have low-flow plumbing fixtures in restrooms and low-maintenance, drought-tolerant landscaping. Therefore, the proposed project would not conflict with any of the water conservation and efficiency measures.

The goal of transportation and motor vehicle measures is to develop regional GHG emissions reduction targets for passenger vehicles. Specific regional emission targets for transportation emissions would not directly apply to the proposed project. The Pavley II (LEV III) Advanced Clean Cars Program will reduce GHG emissions from new cars by 34 percent from 2016 levels by 2025, resulting in a 3 percent decrease in average vehicle emissions for all vehicles by 2020. Vehicles traveling to the project site would comply with the Pavley II (LEV III) Advanced Clean Cars Program. Therefore, the proposed project would not conflict with the identified transportation and motor vehicle measures.

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46 Bay Area Air Quality Management District (BAAQMD). 2022. *Justification Report: CEQA Thresholds for Evaluating the Significance of Climate Impacts From Land Use Projects and Plans.* April. Website: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-thresholds-2022/justification-report-pdf.pdf?rev=4ffb4fdafead43bf816745ca3a58596a&sc_lang=en (accessed July 2024).

2024-2050 Regional Transportation Plan/Sustainable Communities Strategy

SCAG's 2024–2050 RTP/SCS identifies that land use strategies that focus on new housing and job growth in areas served by high quality transit and other opportunity areas would be consistent with a land use development pattern that supports and complements the proposed transportation network. The core vision in the 2024–2050 RTP/SCS is to better manage the existing transportation system through design management strategies, integrate land use decisions and technological advancements, create complete streets that are safe to all roadway users, preserve the transportation system, and expand transit and foster development in transit-oriented communities. The 2024–2050 RTP/SCS contains transportation projects to help more efficiently distribute population, housing, and employment growth, as well as forecast development that is generally consistent with regional-level general plan data. The forecasted development pattern, when integrated with the financially constrained transportation investments identified in the 2024–2050 RTP/SCS, would reach the GHG emissions target set by CARB, including the regional target of reducing GHG emissions from autos and light-duty trucks by 19 percent by 2035 (compared to 2005 levels). The 2024–2050 RTP/SCS does not require that local General Plans, Specific Plans, or zoning be consistent with the 2024–2050 RTP/SCS but provides incentives for consistency for governments and developers.

The objectives of the 2024–2050 RTP/SCS are to create a region with transit as a backbone of the transportation system; more Complete Streets where people and safety are prioritized; policies that encourage emerging technologies and mobility innovations that support rather than hamper regional goals; more housing, jobs, and mobility options closer together in Priority Development Areas to preserve natural lands and open spaces; more housing to address the existing housing need; and safe and fluid movement of goods, with a commitment to the broad deployment of zero- and near-zero emission technologies.

As discussed above, the proposed industrial warehouse and office uses would be consistent with the project site's existing General Plan designation and zoning. As such, it is assumed that the project's labor demand would not substantially increase population, households, or employment in the City. As such, the project would be consistent with SCAG's goals for new job growth in the region. Therefore, since the proposed project would accommodate planned regional growth, the proposed project would not exceed the growth assumptions in the SCAG's 2024–2050 RTP/SCS.

Implementing SCAG's 2024–2050 RTP/SCS will greatly reduce the regional GHG emissions from transportation, helping to achieve statewide emissions reduction targets. The proposed project would not interfere with SCAG's ability to achieve the region's GHG reduction target of 19 percent below 2005 per capita emissions levels by 2035. Furthermore, the proposed project is not regionally significant per *State CEQA Guidelines* Section 15206 and as such, it would not conflict with the SCAG 2024–2050 RTP/SCS targets since those targets were established and are applicable on a regional level.

Based on the nature of the proposed project, it is anticipated that implementation of the proposed project would not interfere with SCAG's ability to implement the regional strategies outlined in the 2024–2050 RTP/SCS.

Greenhouse Gas Reduction Plan Consistency Summary

As demonstrated above, the proposed project would generally be consistent with the Bernardino County Regional GHGRP, 2022 Scoping Plan, and SCAG's RTP/SCS. As such, the proposed project would comply with existing State regulations adopted to achieve the overall GHG emissions reduction goals identified in the 2022 Scoping Plan, EO B-30-15, and AB 197 and would be consistent with applicable State plans and programs designed to reduce GHG emissions. Therefore, the proposed project would not conflict with applicable plans, policies, and regulations adopted for the purpose of reducing the emissions of GHGs.

CONCLUSIONS

Based on the analysis presented above, construction and operation of the proposed project would not result in the generation of criteria air pollutants that would exceed SCAQMD thresholds of significance. Compliance with SCAQMD Rule 403: Fugitive Dust would further reduce construction dust impacts. In addition, with implementation of Mitigation Measure AIR-1, the proposed project is not expected to produce significant emissions that would affect nearby sensitive receptors. The project would also not result in other emissions (such as those leading to odors) affecting a substantial number of people. Operation of the proposed project would not generate GHG emissions that would have a significant impact on the environment. In addition, the proposed project would be consistent with the San Bernardino County Regional GHGRP, the 2024–2050 RTP/SCS, and the goals of the 2022 Scoping Plan.

APPENDIX A

CALEEMOD OUTPUT SHEETS

Rialto & Linden Industrial Warehouse Project - Vehicles & Light Duty Trucks Custom Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

3. Construction Emissions Details

3.1. Site Preparation (2025) - Unmitigated

3.2. Site Preparation (2025) - Mitigated

3.3. Grading (2025) - Unmitigated

3.4. Grading (2025) - Mitigated

3.5. Building Construction (2025) - Unmitigated

3.6. Building Construction (2025) - Mitigated

3.7. Paving (2025) - Unmitigated

3.8. Paving (2025) - Mitigated

3.9. Architectural Coating (2025) - Unmitigated

3.10. Architectural Coating (2025) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Rialto & Linden Industrial Warehouse Project - Vehicles & Light Duty Trucks
Construction Start Date	2/17/2025
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	14.2
Location	34.09943630851261, -117.40098998184533
County	San Bernardino-South Coast
City	Rialto
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5327
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.26

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	42.0	1000sqft	1.64	42,000	20,134	—	—	—

Parking Lot	36.0	Space	0.49	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-6	Use Diesel Particulate Filters
Transportation	T-14*	Provide Electric Vehicle Charging Infrastructure
Energy	E-7*	Require Higher Efficacy Public Street and Area Lighting
Water	W-4	Require Low-Flow Water Fixtures
Water	W-5	Design Water-Efficient Landscapes

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.51	18.0	15.5	0.03	0.72	0.34	1.05	0.66	0.08	0.75	—	2,845	2,845	0.12	0.06	2,869
Mit.	9.51	18.0	15.5	0.03	0.11	0.34	0.45	0.10	0.08	0.18	—	2,845	2,845	0.12	0.06	2,869
% Reduced	—	—	—	—	85%	—	58%	85%	—	75%	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.65	20.3	15.5	0.03	0.65	2.89	3.45	0.60	1.37	1.87	—	2,814	2,814	0.12	0.06	2,824
Mit.	0.65	20.3	15.5	0.03	0.10	2.89	2.98	0.09	1.37	1.44	—	2,814	2,814	0.12	0.06	2,824
% Reduced	—	—	—	—	85%	—	14%	85%	—	23%	—	—	—	—	—	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.30	5.66	4.68	0.01	0.21	0.18	0.39	0.20	0.06	0.26	—	862	862	0.04	0.02	868
Mit.	1.30	5.66	4.68	0.01	0.03	0.18	0.21	0.03	0.06	0.09	—	862	862	0.04	0.02	868
% Reduced	—	—	—	—	85%	—	46%	85%	—	65%	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.24	1.03	0.85	< 0.005	0.04	0.03	0.07	0.04	0.01	0.05	—	143	143	0.01	< 0.005	144
Mit.	0.24	1.03	0.85	< 0.005	0.01	0.03	0.04	0.01	0.01	0.02	—	143	143	0.01	< 0.005	144
% Reduced	—	—	—	—	85%	—	46%	85%	—	65%	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	9.51	18.0	15.5	0.03	0.72	0.34	1.05	0.66	0.08	0.75	—	2,845	2,845	0.12	0.06	2,869
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.65	20.3	15.5	0.03	0.65	2.89	3.45	0.60	1.37	1.87	—	2,814	2,814	0.12	0.06	2,824
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.30	5.66	4.68	0.01	0.21	0.18	0.39	0.20	0.06	0.26	—	862	862	0.04	0.02	868
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.24	1.03	0.85	< 0.005	0.04	0.03	0.07	0.04	0.01	0.05	—	143	143	0.01	< 0.005	144

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	9.51	18.0	15.5	0.03	0.11	0.34	0.45	0.10	0.08	0.18	—	2,845	2,845	0.12	0.06	2,869
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.65	20.3	15.5	0.03	0.10	2.89	2.98	0.09	1.37	1.44	—	2,814	2,814	0.12	0.06	2,824
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.30	5.66	4.68	0.01	0.03	0.18	0.21	0.03	0.06	0.09	—	862	862	0.04	0.02	868
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.24	1.03	0.85	< 0.005	0.01	0.03	0.04	0.01	0.01	0.02	—	143	143	0.01	< 0.005	144

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.49	1.92	21.2	< 0.005	0.01	0.36	0.37	< 0.005	0.09	0.10	39.9	1,208	1,248	4.08	0.06	1,371
Mit.	1.49	1.92	21.2	< 0.005	0.01	0.36	0.37	< 0.005	0.09	0.10	38.3	1,198	1,237	3.92	0.06	1,354
% Reduced	—	—	—	—	—	—	—	—	—	—	4%	1%	1%	4%	6%	1%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.18	1.92	19.1	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	39.9	1,172	1,212	4.08	0.06	1,334

Mit.	1.18	1.92	19.1	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	38.3	1,163	1,201	3.92	0.06	1,317
% Reduced	—	—	—	—	—	—	—	—	—	—	4%	1%	1%	4%	6%	1%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.39	1.42	15.3	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	39.9	1,070	1,110	4.08	0.06	1,231
Mit.	1.39	1.42	15.3	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	38.3	1,060	1,098	3.92	0.06	1,215
% Reduced	—	—	—	—	—	—	—	—	—	—	4%	1%	1%	4%	6%	1%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.25	0.26	2.80	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	6.60	177	184	0.68	0.01	204
Mit.	0.25	0.26	2.80	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	6.34	176	182	0.65	0.01	201
% Reduced	—	—	—	—	—	—	—	—	—	—	4%	1%	1%	4%	6%	1%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.18	0.14	1.78	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	401	401	0.01	0.01	408
Area	1.31	0.02	1.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.51	7.51	< 0.005	< 0.005	7.54
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	310	310	0.02	< 0.005	311
Water	—	—	—	—	—	—	—	—	—	—	18.6	98.9	117	1.91	0.05	179
Waste	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Off-Road	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	1.49	1.92	21.2	< 0.005	0.01	0.36	0.37	< 0.005	0.09	0.10	39.9	1,208	1,248	4.08	0.06	1,371

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.17	0.15	1.48	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	373	373	0.02	0.01	378
Area	1.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	310	310	0.02	< 0.005	311
Water	—	—	—	—	—	—	—	—	—	—	18.6	98.9	117	1.91	0.05	179
Waste	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Off-Road	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	1.18	1.92	19.1	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	39.9	1,172	1,212	4.08	0.06	1,334
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.17	0.15	1.54	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	378	378	0.02	0.02	383
Area	1.21	0.01	1.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.14	5.14	< 0.005	< 0.005	5.16
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	310	310	0.02	< 0.005	311
Water	—	—	—	—	—	—	—	—	—	—	18.6	98.9	117	1.91	0.05	179
Waste	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Off-Road	0.00	1.26	12.5	0.00	0.00	—	0.00	0.00	—	0.00	—	278	278	0.01	< 0.005	278
Total	1.39	1.42	15.3	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	39.9	1,070	1,110	4.08	0.06	1,231
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.03	0.03	0.28	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	62.5	62.5	< 0.005	< 0.005	63.5
Area	0.22	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.85	0.85	< 0.005	< 0.005	0.85
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	51.3	51.3	< 0.005	< 0.005	51.5
Water	—	—	—	—	—	—	—	—	—	—	3.08	16.4	19.4	0.32	0.01	29.6
Waste	—	—	—	—	—	—	—	—	—	—	3.52	0.00	3.52	0.35	0.00	12.3
Off-Road	0.00	0.23	2.29	0.00	0.00	—	0.00	0.00	—	0.00	—	46.0	46.0	< 0.005	< 0.005	46.1
Total	0.25	0.26	2.80	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	6.60	177	184	0.68	0.01	204

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.18	0.14	1.78	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	401	401	0.01	0.01	408
Area	1.31	0.02	1.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.51	7.51	< 0.005	< 0.005	7.54
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	310	310	0.02	< 0.005	311
Water	—	—	—	—	—	—	—	—	—	—	17.0	89.3	106	1.75	0.04	163
Waste	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Off-Road	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	1.49	1.92	21.2	< 0.005	0.01	0.36	0.37	< 0.005	0.09	0.10	38.3	1,198	1,237	3.92	0.06	1,354
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.17	0.15	1.48	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	373	373	0.02	0.01	378
Area	1.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	310	310	0.02	< 0.005	311
Water	—	—	—	—	—	—	—	—	—	—	17.0	89.3	106	1.75	0.04	163
Waste	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Off-Road	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	1.18	1.92	19.1	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	38.3	1,163	1,201	3.92	0.06	1,317
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.17	0.15	1.54	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	378	378	0.02	0.02	383
Area	1.21	0.01	1.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.14	5.14	< 0.005	< 0.005	5.16
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	310	310	0.02	< 0.005	311
Water	—	—	—	—	—	—	—	—	—	—	17.0	89.3	106	1.75	0.04	163
Waste	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Off-Road	0.00	1.26	12.5	0.00	0.00	—	0.00	0.00	—	0.00	—	278	278	0.01	< 0.005	278

Total	1.39	1.42	15.3	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	38.3	1,060	1,098	3.92	0.06	1,215
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.03	0.03	0.28	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	62.5	62.5	< 0.005	< 0.005	63.5
Area	0.22	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.85	0.85	< 0.005	< 0.005	0.85
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	51.3	51.3	< 0.005	< 0.005	51.5
Water	—	—	—	—	—	—	—	—	—	—	2.82	14.8	17.6	0.29	0.01	26.9
Waste	—	—	—	—	—	—	—	—	—	—	3.52	0.00	3.52	0.35	0.00	12.3
Off-Road	0.00	0.23	2.29	0.00	0.00	—	0.00	0.00	—	0.00	—	46.0	46.0	< 0.005	< 0.005	46.1
Total	0.25	0.26	2.80	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	6.34	176	182	0.65	0.01	201

3. Construction Emissions Details

3.1. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.56	20.3	15.0	0.03	0.55	—	0.55	0.50	—	0.50	—	2,717	2,717	0.11	0.02	2,726
Dust From Material Movement	—	—	—	—	—	0.62	0.62	—	0.07	0.07	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.02	0.56	0.41	< 0.005	0.02	—	0.02	0.01	—	0.01	—	74.4	74.4	< 0.005	< 0.005	74.7
Dust From Material Movement	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.10	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.3	12.3	< 0.005	< 0.005	12.4
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.04	0.44	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	96.9	96.9	< 0.005	< 0.005	98.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.69	2.69	< 0.005	< 0.005	2.73
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	0.45

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.2. Site Preparation (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.56	20.3	15.0	0.03	0.08	—	0.08	0.08	—	0.08	—	2,717	2,717	0.11	0.02	2,726
Dust From Material Movement	—	—	—	—	—	0.62	0.62	—	0.07	0.07	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.56	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	74.4	74.4	< 0.005	< 0.005	74.7
Dust From Material Movement	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.10	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.3	12.3	< 0.005	< 0.005	12.4

Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.04	0.44	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	96.9	96.9	< 0.005	< 0.005	98.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.69	2.69	< 0.005	< 0.005	2.73
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	0.45
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.56	18.8	14.2	0.02	0.55	—	0.55	0.51	—	0.51	—	2,455	2,455	0.10	0.02	2,463
Dust From Material Movement	—	—	—	—	—	2.76	2.76	—	1.34	1.34	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.52	0.39	< 0.005	0.02	—	0.02	0.01	—	0.01	—	67.3	67.3	< 0.005	< 0.005	67.5
Dust From Material Movement	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.09	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.1	11.1	< 0.005	< 0.005	11.2
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	0.01	0.01	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.05	0.59	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	0.01	< 0.005	131
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.59	3.59	< 0.005	< 0.005	3.64
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	0.60
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.4. Grading (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.56	18.8	14.2	0.02	0.08	—	0.08	0.08	—	0.08	—	2,455	2,455	0.10	0.02	2,463
Dust From Material Movement	—	—	—	—	—	2.76	2.76	—	1.34	1.34	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.52	0.39	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	67.3	67.3	< 0.005	< 0.005	67.5
Dust From Material Movement	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.09	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.1	11.1	< 0.005	< 0.005	11.2
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	0.01	0.01	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.05	0.59	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	0.01	< 0.005	131
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.59	3.59	< 0.005	< 0.005	3.64
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	0.60
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.5. Building Construction (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.57	16.5	12.8	0.02	0.65	—	0.65	0.60	—	0.60	—	2,201	2,201	0.09	0.02	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.57	16.5	12.8	0.02	0.65	—	0.65	0.60	—	0.60	—	2,201	2,201	0.09	0.02	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	4.08	3.15	0.01	0.16	—	0.16	0.15	—	0.15	—	543	543	0.02	< 0.005	545
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.03	0.74	0.57	< 0.005	0.03	—	0.03	0.03	—	0.03	—	89.9	89.9	< 0.005	< 0.005	90.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	1.37	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	249	249	0.01	0.01	252
Vendor	0.01	0.24	0.13	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	212	212	0.02	0.03	223
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.09	1.04	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	228	228	0.01	0.01	231
Vendor	0.01	0.25	0.13	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	212	212	0.02	0.03	222
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.27	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	57.0	57.0	< 0.005	< 0.005	57.8
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	< 0.005	—	52.4	52.4	< 0.005	0.01	54.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.43	9.43	< 0.005	< 0.005	9.57
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.67	8.67	< 0.005	< 0.005	9.09
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.6. Building Construction (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.57	16.5	12.8	0.02	0.10	—	0.10	0.09	—	0.09	—	2,201	2,201	0.09	0.02	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.57	16.5	12.8	0.02	0.10	—	0.10	0.09	—	0.09	—	2,201	2,201	0.09	0.02	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	4.08	3.15	0.01	0.02	—	0.02	0.02	—	0.02	—	543	543	0.02	< 0.005	545
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.74	0.57	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	89.9	89.9	< 0.005	< 0.005	90.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	1.37	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	249	249	0.01	0.01	252
Vendor	0.01	0.24	0.13	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	212	212	0.02	0.03	223
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.08	0.09	1.04	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	228	228	0.01	0.01	231
Vendor	0.01	0.25	0.13	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	212	212	0.02	0.03	222
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.27	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	57.0	57.0	< 0.005	< 0.005	57.8
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	< 0.005	—	52.4	52.4	< 0.005	0.01	54.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.43	9.43	< 0.005	< 0.005	9.57
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.67	8.67	< 0.005	< 0.005	9.09
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.7. Paving (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	10.4	8.32	0.01	0.46	—	0.46	0.43	—	0.43	—	1,244	1,244	0.05	0.01	1,248
Paving	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.28	0.23	< 0.005	0.01	—	0.01	0.01	—	0.01	—	34.1	34.1	< 0.005	< 0.005	34.2
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.05	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.64	5.64	< 0.005	< 0.005	5.66
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	1.17	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	211	211	0.01	0.01	215
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.38	5.38	< 0.005	< 0.005	5.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.89	0.89	< 0.005	< 0.005	0.90
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.8. Paving (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	10.4	8.32	0.01	0.07	—	0.07	0.07	—	0.07	—	1,244	1,244	0.05	0.01	1,248
Paving	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.28	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.1	34.1	< 0.005	< 0.005	34.2
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.05	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.64	5.64	< 0.005	< 0.005	5.66
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	1.17	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	211	211	0.01	0.01	215

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.38	5.38	< 0.005	< 0.005	5.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.89	0.89	< 0.005	< 0.005	0.90
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.9. Architectural Coating (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	1.09	0.96	< 0.005	0.07	—	0.07	0.06	—	0.06	—	134	134	0.01	< 0.005	134
Architectural Coatings	8.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.13	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.5	16.5	< 0.005	< 0.005	16.5
Architectural Coatings	1.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.73	2.73	< 0.005	< 0.005	2.73
Architectural Coatings	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.27	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	49.7	49.7	< 0.005	< 0.005	50.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.70	5.70	< 0.005	< 0.005	5.78
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.94	0.94	< 0.005	< 0.005	0.96

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.10. Architectural Coating (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	1.09	0.96	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	134
Architectural Coatings	8.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.13	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.5	16.5	< 0.005	< 0.005	16.5
Architectural Coatings	1.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.73	2.73	< 0.005	< 0.005	2.73

Architectural Coatings	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.27	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	49.7	49.7	< 0.005	< 0.005	50.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.70	5.70	< 0.005	< 0.005	5.78
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.94	0.94	< 0.005	< 0.005	0.96
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.18	0.14	1.78	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	401	401	0.01	0.01	408
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.18	0.14	1.78	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	401	401	0.01	0.01	408
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.17	0.15	1.48	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	373	373	0.02	0.01	378
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.17	0.15	1.48	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	373	373	0.02	0.01	378
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03	0.03	0.28	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	62.5	62.5	< 0.005	< 0.005	63.5
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.03	0.28	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	62.5	62.5	< 0.005	< 0.005	63.5

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.18	0.14	1.78	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	401	401	0.01	0.01	408
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.18	0.14	1.78	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	401	401	0.01	0.01	408
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.17	0.15	1.48	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	373	373	0.02	0.01	378
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.17	0.15	1.48	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	373	373	0.02	0.01	378
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03	0.03	0.28	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	62.5	62.5	< 0.005	< 0.005	63.5
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.03	0.28	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	62.5	62.5	< 0.005	< 0.005	63.5

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	283	283	0.02	< 0.005	284
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	27.3	27.3	< 0.005	< 0.005	27.4
Total	—	—	—	—	—	—	—	—	—	—	—	310	310	0.02	< 0.005	311
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	283	283	0.02	< 0.005	284
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	27.3	27.3	< 0.005	< 0.005	27.4
Total	—	—	—	—	—	—	—	—	—	—	—	310	310	0.02	< 0.005	311
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	46.8	46.8	< 0.005	< 0.005	47.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	4.51	4.51	< 0.005	< 0.005	4.53
Total	—	—	—	—	—	—	—	—	—	—	—	51.3	51.3	< 0.005	< 0.005	51.5

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	283	283	0.02	< 0.005	284
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	27.3	27.3	< 0.005	< 0.005	27.4
Total	—	—	—	—	—	—	—	—	—	—	—	310	310	0.02	< 0.005	311
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	283	283	0.02	< 0.005	284
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	27.3	27.3	< 0.005	< 0.005	27.4
Total	—	—	—	—	—	—	—	—	—	—	—	310	310	0.02	< 0.005	311
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	46.8	46.8	< 0.005	< 0.005	47.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	4.51	4.51	< 0.005	< 0.005	4.53
Total	—	—	—	—	—	—	—	—	—	—	—	51.3	51.3	< 0.005	< 0.005	51.5

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.30	0.02	1.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.51	7.51	< 0.005	< 0.005	7.54
Total	1.31	0.02	1.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.51	7.51	< 0.005	< 0.005	7.54
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.04	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.85	0.85	< 0.005	< 0.005	0.85
Total	0.22	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.85	0.85	< 0.005	< 0.005	0.85

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.30	0.02	1.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.51	7.51	< 0.005	< 0.005	7.54
Total	1.31	0.02	1.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.51	7.51	< 0.005	< 0.005	7.54
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.04	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.85	0.85	< 0.005	< 0.005	0.85
Total	0.22	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.85	0.85	< 0.005	< 0.005	0.85

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	18.6	98.9	117	1.91	0.05	179
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	18.6	98.9	117	1.91	0.05	179
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	18.6	98.9	117	1.91	0.05	179
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	18.6	98.9	117	1.91	0.05	179
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	3.08	16.4	19.4	0.32	0.01	29.6
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	3.08	16.4	19.4	0.32	0.01	29.6

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	17.0	89.3	106	1.75	0.04	163
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	17.0	89.3	106	1.75	0.04	163
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	17.0	89.3	106	1.75	0.04	163
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	17.0	89.3	106	1.75	0.04	163
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	2.82	14.8	17.6	0.29	0.01	26.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	2.82	14.8	17.6	0.29	0.01	26.9

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	3.52	0.00	3.52	0.35	0.00	12.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	3.52	0.00	3.52	0.35	0.00	12.3

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehou Rail	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	3.52	0.00	3.52	0.35	0.00	12.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	3.52	0.00	3.52	0.35	0.00	12.3

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Forklifts	0.00	0.23	2.29	0.00	0.00	—	0.00	0.00	—	0.00	—	46.0	46.0	< 0.005	< 0.005	46.1
Total	0.00	0.23	2.29	0.00	0.00	—	0.00	0.00	—	0.00	—	46.0	46.0	< 0.005	< 0.005	46.1

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.23	2.29	0.00	0.00	—	0.00	0.00	—	0.00	—	46.0	46.0	< 0.005	< 0.005	46.1
Total	0.00	0.23	2.29	0.00	0.00	—	0.00	0.00	—	0.00	—	46.0	46.0	< 0.005	< 0.005	46.1

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	2/17/2025	2/28/2025	5.00	10.0	—
Grading	Grading	3/3/2025	3/14/2025	5.00	10.0	—
Building Construction	Building Construction	3/17/2025	7/18/2025	5.00	90.0	—
Paving	Paving	7/21/2025	8/1/2025	5.00	10.0	—
Architectural Coating	Architectural Coating	6/9/2025	8/8/2025	5.00	45.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Graders	Diesel	Tier 2	1.00	8.00	148	0.41
Site Preparation	Scrapers	Diesel	Tier 2	1.00	8.00	423	0.48
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 2	1.00	7.00	84.0	0.37
Grading	Graders	Diesel	Tier 2	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 2	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 2	2.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 2	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 2	2.00	7.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 2	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 2	1.00	6.00	84.0	0.37

Building Construction	Welders	Diesel	Tier 2	3.00	8.00	46.0	0.45
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 2	1.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Tier 2	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 2	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 2	2.00	8.00	36.0	0.38
Paving	Cement and Mortar Mixers	Diesel	Tier 2	1.00	8.00	10.0	0.56
Architectural Coating	Air Compressors	Diesel	Tier 2	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Graders	Diesel	Tier 2	1.00	8.00	148	0.41
Site Preparation	Scrapers	Diesel	Tier 2	1.00	8.00	423	0.48
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 2	1.00	7.00	84.0	0.37
Grading	Graders	Diesel	Tier 2	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 2	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 2	2.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 2	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 2	2.00	7.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 2	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 2	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 2	3.00	8.00	46.0	0.45
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 2	1.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Tier 2	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 2	1.00	8.00	89.0	0.36

Paving	Rollers	Diesel	Tier 2	2.00	8.00	36.0	0.38
Paving	Cement and Mortar Mixers	Diesel	Tier 2	1.00	8.00	10.0	0.56
Architectural Coating	Air Compressors	Diesel	Tier 2	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	17.6	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	6.88	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT

Architectural Coating	—	—	—	—
Architectural Coating	Worker	3.53	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	17.6	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	6.88	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT

Architectural Coating	—	—	—	—
Architectural Coating	Worker	3.53	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	63,000	21,000	1,281

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	15.0	0.00	—
Grading	—	—	10.0	0.00	—
Paving	0.00	0.00	0.00	0.00	0.49

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Parking Lot	0.49	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	532	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	52.1	52.1	52.1	19,009	511	511	511	186,506
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	52.1	52.1	52.1	19,009	511	511	511	186,506
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	63,000	21,000	1,281

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)

Unrefrigerated Warehouse-No Rail	193,986	532	0.0330	0.0040	0.00
Parking Lot	18,698	532	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	193,986	532	0.0330	0.0040	0.00
Parking Lot	18,698	532	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	9,712,500	323,334
Parking Lot	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	8,890,823	137,954
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	39.5	—

Parking Lot	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	39.5	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Forklifts	CNG	Average	2.00	8.00	82.0	0.20

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Forklifts	CNG	Average	2.00	8.00	82.0	0.20

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

8. User Changes to Default Data

Screen	Justification
Land Use	The proposed project involves the construction of a two-story, 42,000 square foot industrial warehouse that includes 4,000 square-feet of office space, 54 parking spaces, and a total of 20,134 square feet of landscaping (17,062 sf onsite and 3,072 sf offsite).
Construction: Construction Phases	Project construction would begin mid-February 2025 and occur for approximately 5.5 months.
Construction: Off-Road Equipment	Assuming default equipment with Tier 2 engines.
Operations: Vehicle Data	The proposed project would generate a total of 72 average daily trips, including 34 vehicle trips, 1, two-axle truck trip, 8 three-axle truck trips, and 20 four-axle truck trips. This model run only includes the vehicle, two-axle truck, and three-axle truck trips.
Operations: Fleet Mix	Cars and light duty trucks only.
Operations: Energy Use	The proposed project would not include natural gas.
Operations: Off-Road Equipment	Two CNG forklifts to be operated inside the building 5 days a week.

Rialto & Linden Industrial Warehouse Project - Heavy Heavy Duty Trucks Custom Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Rialto & Linden Industrial Warehouse Project - Heavy Heavy Duty Trucks
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	14.2
Location	34.09943630851261, -117.40098998184533
County	San Bernardino-South Coast
City	Rialto
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5327
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.26

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	42.0	1000sqft	1.64	42,000	20,134	—	—	—
Parking Lot	36.0	Space	0.49	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-6	Use Diesel Particulate Filters
Transportation	T-14*	Provide Electric Vehicle Charging Infrastructure
Energy	E-7*	Require Higher Efficacy Public Street and Area Lighting
Water	W-4	Require Low-Flow Water Fixtures
Water	W-5	Design Water-Efficient Landscapes

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.35	4.85	21.1	0.02	0.05	0.75	0.79	0.05	0.20	0.25	39.9	3,559	3,599	4.34	0.49	3,860
Mit.	1.35	4.85	21.1	0.02	0.05	0.75	0.79	0.05	0.20	0.25	38.3	3,550	3,588	4.18	0.49	3,844
% Reduced	—	—	—	—	—	—	—	—	—	—	4%	< 0.5%	< 0.5%	4%	1%	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.05	4.97	19.3	0.02	0.04	0.75	0.79	0.04	0.20	0.24	39.9	3,552	3,592	4.34	0.49	3,847
Mit.	1.05	4.97	19.3	0.02	0.04	0.75	0.79	0.04	0.20	0.24	38.3	3,543	3,581	4.18	0.49	3,831
% Reduced	—	—	—	—	—	—	—	—	—	—	4%	< 0.5%	< 0.5%	4%	1%	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	1.25	4.51	15.4	0.02	0.05	0.74	0.79	0.04	0.20	0.24	39.9	3,445	3,485	4.34	0.49	3,742
Mit.	1.25	4.51	15.4	0.02	0.05	0.74	0.79	0.04	0.20	0.24	38.3	3,435	3,474	4.18	0.49	3,726
% Reduced	—	—	—	—	—	—	—	—	—	—	4%	< 0.5%	< 0.5%	4%	1%	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.23	0.82	2.82	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	6.60	570	577	0.72	0.08	620
Mit.	0.23	0.82	2.82	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	6.34	569	575	0.69	0.08	617
% Reduced	—	—	—	—	—	—	—	—	—	—	4%	< 0.5%	< 0.5%	4%	1%	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.04	3.07	1.65	0.02	0.04	0.75	0.79	0.04	0.20	0.24	—	2,753	2,753	0.28	0.44	2,897
Area	1.31	0.02	1.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.51	7.51	< 0.005	< 0.005	7.54
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	310	310	0.02	< 0.005	311
Water	—	—	—	—	—	—	—	—	—	—	18.6	98.9	117	1.91	0.05	179
Waste	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Off-Road	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	1.35	4.85	21.1	0.02	0.05	0.75	0.79	0.05	0.20	0.25	39.9	3,559	3,599	4.34	0.49	3,860
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.04	3.21	1.65	0.02	0.04	0.75	0.79	0.04	0.20	0.24	—	2,753	2,753	0.28	0.44	2,892
Area	1.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	310	310	0.02	< 0.005	311
Water	—	—	—	—	—	—	—	—	—	—	18.6	98.9	117	1.91	0.05	179

Waste	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Off-Road	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	1.05	4.97	19.3	0.02	0.04	0.75	0.79	0.04	0.20	0.24	39.9	3,552	3,592	4.34	0.49	3,847
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.04	3.24	1.65	0.02	0.04	0.74	0.79	0.04	0.20	0.24	—	2,753	2,753	0.28	0.44	2,894
Area	1.21	0.01	1.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.14	5.14	< 0.005	< 0.005	5.16
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	310	310	0.02	< 0.005	311
Water	—	—	—	—	—	—	—	—	—	—	18.6	98.9	117	1.91	0.05	179
Waste	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Off-Road	0.00	1.26	12.5	0.00	0.00	—	0.00	0.00	—	0.00	—	278	278	0.01	< 0.005	278
Total	1.25	4.51	15.4	0.02	0.05	0.74	0.79	0.04	0.20	0.24	39.9	3,445	3,485	4.34	0.49	3,742
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.59	0.30	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	456	456	0.05	0.07	479
Area	0.22	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.85	0.85	< 0.005	< 0.005	0.85
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	51.3	51.3	< 0.005	< 0.005	51.5
Water	—	—	—	—	—	—	—	—	—	—	3.08	16.4	19.4	0.32	0.01	29.6
Waste	—	—	—	—	—	—	—	—	—	—	3.52	0.00	3.52	0.35	0.00	12.3
Off-Road	0.00	0.23	2.29	0.00	0.00	—	0.00	0.00	—	0.00	—	46.0	46.0	< 0.005	< 0.005	46.1
Total	0.23	0.82	2.82	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	6.60	570	577	0.72	0.08	620

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.04	3.07	1.65	0.02	0.04	0.75	0.79	0.04	0.20	0.24	—	2,753	2,753	0.28	0.44	2,897
Area	1.31	0.02	1.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.51	7.51	< 0.005	< 0.005	7.54

Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	310	310	0.02	< 0.005	311
Water	—	—	—	—	—	—	—	—	—	—	17.0	89.3	106	1.75	0.04	163
Waste	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Off-Road	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	1.35	4.85	21.1	0.02	0.05	0.75	0.79	0.05	0.20	0.25	38.3	3,550	3,588	4.18	0.49	3,844
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.04	3.21	1.65	0.02	0.04	0.75	0.79	0.04	0.20	0.24	—	2,753	2,753	0.28	0.44	2,892
Area	1.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	310	310	0.02	< 0.005	311
Water	—	—	—	—	—	—	—	—	—	—	17.0	89.3	106	1.75	0.04	163
Waste	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Off-Road	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	1.05	4.97	19.3	0.02	0.04	0.75	0.79	0.04	0.20	0.24	38.3	3,543	3,581	4.18	0.49	3,831
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.04	3.24	1.65	0.02	0.04	0.74	0.79	0.04	0.20	0.24	—	2,753	2,753	0.28	0.44	2,894
Area	1.21	0.01	1.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.14	5.14	< 0.005	< 0.005	5.16
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	310	310	0.02	< 0.005	311
Water	—	—	—	—	—	—	—	—	—	—	17.0	89.3	106	1.75	0.04	163
Waste	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Off-Road	0.00	1.26	12.5	0.00	0.00	—	0.00	0.00	—	0.00	—	278	278	0.01	< 0.005	278
Total	1.25	4.51	15.4	0.02	0.05	0.74	0.79	0.04	0.20	0.24	38.3	3,435	3,474	4.18	0.49	3,726
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.59	0.30	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	456	456	0.05	0.07	479
Area	0.22	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.85	0.85	< 0.005	< 0.005	0.85
Energy	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	51.3	51.3	< 0.005	< 0.005	51.5
Water	—	—	—	—	—	—	—	—	—	—	2.82	14.8	17.6	0.29	0.01	26.9

Waste	—	—	—	—	—	—	—	—	—	—	3.52	0.00	3.52	0.35	0.00	12.3
Off-Road	0.00	0.23	2.29	0.00	0.00	—	0.00	0.00	—	0.00	—	46.0	46.0	< 0.005	< 0.005	46.1
Total	0.23	0.82	2.82	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	6.34	569	575	0.69	0.08	617

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	3.07	1.65	0.02	0.04	0.75	0.79	0.04	0.20	0.24	—	2,753	2,753	0.28	0.44	2,897
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.04	3.07	1.65	0.02	0.04	0.75	0.79	0.04	0.20	0.24	—	2,753	2,753	0.28	0.44	2,897
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	3.21	1.65	0.02	0.04	0.75	0.79	0.04	0.20	0.24	—	2,753	2,753	0.28	0.44	2,892
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.04	3.21	1.65	0.02	0.04	0.75	0.79	0.04	0.20	0.24	—	2,753	2,753	0.28	0.44	2,892
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	0.01	0.59	0.30	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	456	456	0.05	0.07	479
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.59	0.30	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	456	456	0.05	0.07	479

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	3.07	1.65	0.02	0.04	0.75	0.79	0.04	0.20	0.24	—	2,753	2,753	0.28	0.44	2,897
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.04	3.07	1.65	0.02	0.04	0.75	0.79	0.04	0.20	0.24	—	2,753	2,753	0.28	0.44	2,897
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	3.21	1.65	0.02	0.04	0.75	0.79	0.04	0.20	0.24	—	2,753	2,753	0.28	0.44	2,892
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.04	3.21	1.65	0.02	0.04	0.75	0.79	0.04	0.20	0.24	—	2,753	2,753	0.28	0.44	2,892
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehou Rail	0.01	0.59	0.30	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	456	456	0.05	0.07	479
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.59	0.30	< 0.005	0.01	0.14	0.14	0.01	0.04	0.04	—	456	456	0.05	0.07	479

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	283	283	0.02	< 0.005	284
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	27.3	27.3	< 0.005	< 0.005	27.4
Total	—	—	—	—	—	—	—	—	—	—	—	310	310	0.02	< 0.005	311
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	283	283	0.02	< 0.005	284
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	27.3	27.3	< 0.005	< 0.005	27.4
Total	—	—	—	—	—	—	—	—	—	—	—	310	310	0.02	< 0.005	311

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	46.8	46.8	< 0.005	< 0.005	47.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	4.51	4.51	< 0.005	< 0.005	4.53
Total	—	—	—	—	—	—	—	—	—	—	—	51.3	51.3	< 0.005	< 0.005	51.5

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	283	283	0.02	< 0.005	284
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	27.3	27.3	< 0.005	< 0.005	27.4
Total	—	—	—	—	—	—	—	—	—	—	—	310	310	0.02	< 0.005	311
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	283	283	0.02	< 0.005	284
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	27.3	27.3	< 0.005	< 0.005	27.4
Total	—	—	—	—	—	—	—	—	—	—	—	310	310	0.02	< 0.005	311

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	46.8	46.8	< 0.005	< 0.005	47.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	4.51	4.51	< 0.005	< 0.005	4.53
Total	—	—	—	—	—	—	—	—	—	—	—	51.3	51.3	< 0.005	< 0.005	51.5

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.30	0.02	1.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.51	7.51	< 0.005	< 0.005	7.54
Total	1.31	0.02	1.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.51	7.51	< 0.005	< 0.005	7.54
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.04	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.85	0.85	< 0.005	< 0.005	0.85
Total	0.22	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.85	0.85	< 0.005	< 0.005	0.85

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.30	0.02	1.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.51	7.51	< 0.005	< 0.005	7.54
Total	1.31	0.02	1.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.51	7.51	< 0.005	< 0.005	7.54

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.04	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.85	0.85	< 0.005	< 0.005	0.85
Total	0.22	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.85	0.85	< 0.005	< 0.005	0.85

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	18.6	98.9	117	1.91	0.05	179
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	18.6	98.9	117	1.91	0.05	179
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	18.6	98.9	117	1.91	0.05	179
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	18.6	98.9	117	1.91	0.05	179
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	3.08	16.4	19.4	0.32	0.01	29.6
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	3.08	16.4	19.4	0.32	0.01	29.6

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	17.0	89.3	106	1.75	0.04	163
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	17.0	89.3	106	1.75	0.04	163
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	17.0	89.3	106	1.75	0.04	163
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	17.0	89.3	106	1.75	0.04	163
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	2.82	14.8	17.6	0.29	0.01	26.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	2.82	14.8	17.6	0.29	0.01	26.9

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	3.52	0.00	3.52	0.35	0.00	12.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	3.52	0.00	3.52	0.35	0.00	12.3

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehou Rail	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	74.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	3.52	0.00	3.52	0.35	0.00	12.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	3.52	0.00	3.52	0.35	0.00	12.3

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.23	2.29	0.00	0.00	—	0.00	0.00	—	0.00	—	46.0	46.0	< 0.005	< 0.005	46.1
Total	0.00	0.23	2.29	0.00	0.00	—	0.00	0.00	—	0.00	—	46.0	46.0	< 0.005	< 0.005	46.1

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Total	0.00	1.77	17.6	0.00	0.00	—	0.00	0.00	—	0.00	—	390	390	0.01	< 0.005	391
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.23	2.29	0.00	0.00	—	0.00	0.00	—	0.00	—	46.0	46.0	< 0.005	< 0.005	46.1
Total	0.00	0.23	2.29	0.00	0.00	—	0.00	0.00	—	0.00	—	46.0	46.0	< 0.005	< 0.005	46.1

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	20.2	20.2	20.2	7,358	806	806	806	294,336
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	20.2	20.2	20.2	7,358	806	806	806	294,336
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	63,000	21,000	1,281

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	193,986	532	0.0330	0.0040	0.00
Parking Lot	18,698	532	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	193,986	532	0.0330	0.0040	0.00
Parking Lot	18,698	532	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	9,712,500	323,334
Parking Lot	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	8,890,823	137,954
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	39.5	—
Parking Lot	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	39.5	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Forklifts	CNG	Average	2.00	8.00	82.0	0.20

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Forklifts	CNG	Average	2.00	8.00	82.0	0.20

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

8. User Changes to Default Data

Screen	Justification
Land Use	The proposed project involves the construction of a two-story, 42,000 square foot industrial warehouse that includes 4,000 square-feet of office space, 54 parking spaces, and a total of 20,134 square feet of landscaping (17,062 sf onsite and 3,072 sf offsite).
Construction: Construction Phases	Project construction would begin mid-February 2025 and occur for approximately 5.5 months.
Construction: Off-Road Equipment	Assuming default equipment with Tier 2 engines.
Operations: Vehicle Data	The proposed project would generate a total of 72 average daily trips, including 34 vehicle trips, 1, two-axle truck trip, 8 three-axle truck trips, and 20 four-axle truck trips. This model run only includes the four-axle truck trips, which are assumed to travel 40 miles.
Operations: Fleet Mix	Heavy heavy duty trucks only.
Operations: Energy Use	The proposed project would not include natural gas.
Operations: Off-Road Equipment	Two CNG forklifts to be operated inside the building 5 days a week.

APPENDIX B

HRA MODEL SNAPSHOTS AND OUTPUTS

Construction MEI (Sensitive) - Cancer Risk (in a Million) HARP Rec #: 5317 X: 463004.42 Y: 3773288.39			
T2	T2L3	T4F	0
10.09	1.54	0.66	0.00
MEI (Sensitive) - Chronic Hazard Index HARP Rec #: 5317 X: 463004.42 Y: 3773288.39			
T2	T2L3	T4F	0
1.33E-02	2.04E-03	8.76E-04	0.00E+00
MEI (Sensitive) - Acute Hazard Index HARP Rec #: NA X: NA Y: NA			
T2	T2L3	T4F	0
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (Sensitive) - PM 2.5 HARP Rec #: 1194 X: 462908.46 Y: 3773198.71			
T2	T2L3	T4F	0
0.067	0.006	0.004	0.000

Operational Sensitive Receptor			
Parameter	**HARP Rec #**	**X & Y Coordinate**	**Result**
30 Yr Cancer Risk (in a Million)	169	463406.77 3773604.06	1.03
70 Yr Cancer Risk (in a Million)	0	0 0	0.00
Chronic HI	169	463406.77 3773604.06	3.47E-04
Acute HI	169	463406.77 3773604.06	2.11E-05
PM 2.5	169	463406.77 3773604.06	0.0017

Construction MEI (Worker) - Cancer Risk (in a Million) HARP Rec #: 318 X: 463039.12 Y: 3773214.54			
T2	T2L3	T4F	0
0.43	0.07	0.03	0.00
MEI (Worker) - Chronic Hazard Index HARP Rec #: 318 X: 463039.12 Y: 3773214.54			
T2	T2L3	T4F	0
3.35E-02	5.13E-03	2.20E-03	0.00E+00
MEI (Worker) - Acute Hazard Index HARP Rec #: NA X: NA Y: NA			
T2	T2L3	T4F	0
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (Worker) - PM 2.5 HARP Rec #: 318 X: 463039.12 Y: 3773214.54			
T2	T2L3	T4F	0
0.167	0.026	0.011	0.000

Operational Worker Receptor			
Parameter	**HARP Rec #**	**X & Y Coordinate**	**Result**
25 Yr Cancer Risk (in a Million)	888	462999.87 3773138.67	0.47
Chronic HI	888	462999.87 3773138.67	1.55E-03
Acute HI	887	463008.97 3773138.65	8.54E-05
PM 2.5	888	462999.87 3773138.67	7.65E-03

Construction MEI (School) - Cancer Risk (in a Million) HARP Rec #: 15 X: 463437.41 Y: 3773381.65			
T2	T2L3	T4F	0
0.09	0.01	0.01	0.00
MEI (School) - Chronic Hazard Index HARP Rec #: 1 X: 463443.12 Y: 3773285.31			
T2	T2L3	T4F	0
6.20E-04	9.48E-05	4.07E-05	0.00E+00
MEI (School) - Acute Hazard Index HARP Rec #: NA X: NA Y: NA			
T2	T2L3	T4F	0
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (School) - PM 2.5 HARP Rec #: 15 X: 463437.41 Y: 3773381.65			
T2	T2L3	T4F	0
0.0031	0.0005	0.0002	0.0000

Operational School Receptor			
Parameter	**HARP Rec #**	**X & Y Coordinate**	**Result**
9 Yr Cancer Risk (in a Million)	3	463436.7 3773302.65	0.78
Chronic HI	3	463436.7 3773302.65	2.93E-04
Acute HI	3	463436.7 3773302.65	1.72E-05
PM 2.5	3	463436.7 3773302.65	0.0143

Description	Receptor Type	Model Type	UTM X	UTM Y	Latitude
Construction	Sensitive	Cancer Risk	463004.42	3773288.39	34.09974679
Construction	Sensitive	Chronic HI	463004.42	3773288.39	34.09974679
Construction	Sensitive	Acute HI	0	0	
Construction	Sensitive	PM 2.5	462908.46	3773198.71	34.09893461
Construction	School	Cancer Risk	463437.41	3773381.65	34.1006031
Construction	School	Chronic HI	463443.12	3773285.31	34.09973445
Construction	School	Acute HI	0	0	
Construction	School	PM 2.5	463437.41	3773381.65	34.1006031
Construction	Worker	Cancer Risk	463039.12	3773214.54	34.099082
Construction	Worker	Chronic HI	463039.12	3773214.54	34.099082
Construction	Worker	Acute HI	0	0	
Construction	Worker	PM 2.5	463039.12	3773214.54	34.099082
Operational	Sensitive	Cancer Risk 30 yr	463406.77	3773604.06	34.10260784
Operational	Sensitive	Cancer Risk 70 yr	0	0	
Operational	Sensitive	Chronic HI	463406.77	3773604.06	34.10260784
Operational	Sensitive	Acute HI	463406.77	3773604.06	34.10260784
Operational	Sensitive	PM 2.5	463406.77	3773604.06	34.10260784
Operational	Worker	Cancer Risk 25 yr	462999.87	3773138.67	34.09839637
Operational	Worker	Chronic HI	462999.87	3773138.67	34.09839637
Operational	Worker	Acute HI	463008.97	3773138.65	34.09839652
Operational	Worker	PM 2.5	462999.87	3773138.67	34.09839637
Operational	School	Cancer Risk 9 yr	463436.7	3773302.65	34.09989061
Operational	School	Chronic HI	463436.7	3773302.65	34.09989061
Operational	School	Acute HI	463436.7	3773302.65	34.09989061
Operational	School	PM 2.5	463436.7	3773302.65	34.09989061

Longitude
-117.4010794
-117.4010794
-117.4021159
-117.3963893
-117.3963233
-117.3963893
-117.4007001
-117.4007001
-117.4007001
-117.3967308
-117.3967308
-117.3967308
-117.3967308
-117.4011224
-117.4011224
-117.4010237
-117.4011224
-117.3963937
-117.3963937
-117.3963937
-117.3963937

General AERMOD Input Parameters			
Project Boundary			
	Based on site plan		
Project Elevation Data			
	Source	**Lakes Environmental**	
	Link	http://www.webgis.com/terraindata.html	
	Evel Data Descr.	**7.5 min DEM**	
Project Receptor Grid			
	Telescoping Grid	Spacing (m)	Distance (m)
	Grid 1	**10**	**100**
	Grid 2	**20**	**200**
	Grid 3	**30**	**300**
	Grid 4	**40**	**400**
	Comments	**Receptors on roads or parking lot areas have been removed.**	
Meteorological Dataset			
	Location	**Fontana**	
	Provided By	**South Coast AQMD**	
	Years	**2011 - 2013, 2015-2016**	
	Elevation (m)	**367**	
	Link	https://www.aqmd.gov/docs/default-source/air-quality/meterorological-data/aermod-ready-meteorological-data/table-1-meteorological-sites/2017/FontanaADJU.zip?sfvrsn=7	
Construction Modeling Specific Inputs			
AERMOD Input Options			
	Regulatory Options	**Default**	
	Pollutant Type	**Other**	
	Averaging Period	**Period & Hourly**	
	Dispersion Coefficient	**Urban**	
	County	**San Bernardino**	
	Urban Grouping / Pop	**Y**	**2,035,210**
	# of Worker Receptors	**2,439**	
	# of Sensitive Receptors	**5,584**	
	# of School Receptors	**443**	
Construction Area Parameters			
	Source Type	**Polygon Area**	
	Project Area (m^2)	**6287.2**	
	Ht. of Source (m)	**3.048**	
Operational Modeling Specific Inputs			
AERMOD Input Options			
	Regulatory Options	**Default**	
	Pollutant Type	**Other**	
	Averaging Period	**Period / Hourly**	
	Dispersion Coefficient	**Urban**	
	Urban Grouping / Pop	**Y**	**2,035,210**
	# Worker Receptors	**2,439**	
	# Sensitive Receptors	**5,584**	
	# of School Receptors	**443**	

Diesel Truck Idling Parameters		
	Source Type	**Point**
	Stack Ht. (m)	**3.658**
	Stack Dia (m)	**0.044**
	Stack Temp (k)	**388.7**
	Velocity (m/s)	**25**
Diesel Truck Travel Parameters		
	Source Type	**Line Volume**
	Initial Vertical (m)	**1.42**
	Initial Lateral (m)	**2.84**
	Release Ht (m)	**Surface**
	Volume Length (m)	**Roadway Segment Specific**

General HARP Input Parameters		
Construction		
School Receptors		
School Scenario Parameters		
	Class Grade	**K-12**
	Starting Age	**3rd Trimester**
	Age Range	**3rd Trimester Year Old -1 Years Old**
	Receptor Type	**Individual Resident**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**1**
	Intake Rate	**RMP using the Derived Merthod**
	Comments	**Each year of construction is modeled seperately and the impact to each recepetor is summed to estimate the total esposure from construction emissions. Additionally, the starting age is increased for each year of construction.**
School Pathway Parameters		
	Pathways	**SCAQMD Manadatory minimum Pathways**
	Deposition Rate	**0.02**
	TAH < 16 yrs	**N**
	TAH ≥ 16 yrs	**N**
Sensitive Receptors		
Sensitive Scenario Parameters		
	Starting Age	**3rd Trimester**
	Age Range	**3rd Trimester - 1 Year**
	Receptor Type	**Individual Resident**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**1**
	Intake Rate	**RMP using the Derived Merthod**
	Comments	**Each year of construction is modeled seperately and the impact to each recepetor is summed to estimate the total esposure from construction emissions. Additionally, the starting age is increased for each year of construction.**
Sensitive Pathway Parameters		
	Pathways	**SCAQMD Manadatory minimum Pathways**
	Deposition Rate	**0.02**
	TAH < 16 yrs	**Y**
	TAH ≥ 16 yrs	**Y**
Worker Receptors		
Worker Scenario Parameters		
	Starting Age	**16**
	Age Range	**16**
	Receptor Type	**Worker**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**1**
	Intake Rate	**OEHHA Derived Merthod**

	Comments	**Each year of construction is modeled seperately and the impact to each recepetor is summed to estimate the total esposure from construction emissions. Additionally, the starting age is increased for each year of construction.**
Worker Pathway Parameters		
	Pathways	**OEHHA minimum Pathways**
	Deposition Rate	**0.02**
	TAH < 16 yrs	**N**
	TAH ≥ 16 yrs	**N**
Operational		
School Receptors		
School Scenario Parameters		
	Class Grade	**K-12**
	Starting Age	**3rd Trimester**
	Age Range	**3rd Trimester Year Old - 9 Years Old**
	Receptor Type	**Individual Resident**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**9.25**
	Intake Rate	**RMP using the Derived Merthod**
	Comments	**Each year of construction is modeled seperately and the impact to each**
School Pathway Parameters		
	Pathways	**SCAQMD Manadatory minimum Pathways**
	Deposition Rate	**0.02**
	TAH < 16 yrs	**N**
	TAH ≥ 16 yrs	**N**
Sensitive Receptors		
Sensitive Scenario Parameters		
	Starting Age	**3rd Trimester**
	Age Range	**3rd Trimester - 30 Year**
	Receptor Type	**Individual Resident**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**30.25**
	Intake Rate	**RMP using the Derived Merthod**
	Comments	**Each year of construction is modeled seperately and the impact to each**
Sensitive Pathway Parameters		
	Pathways	**SCAQMD Manadatory minimum Pathways**
	Deposition Rate	**0.02**
	TAH < 16 yrs	**Y**
	TAH ≥ 16 yrs	**Y**
Worker Receptors		
Worker Scenario Parameters		
	Starting Age	**16**
	Age Range	**16 - 41**
	Receptor Type	**Worker**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**25**
	Intake Rate	**OEHHA Derived Merthod**
	Comments	**Each year of construction is modeled seperately and the impact to each**
Worker Pathway Parameters		

	Pathways	**OEHHA minimum Pathways**
	Deposition Rate	**0.02**
	TAH < 16 yrs	**N**
	TAH ≥ 16 yrs	**N**

			T2				5321	T2L3					T4F				
							1.01E-05					1.54E-06					6.62E-07
					5317	463004.42	3773288.39										
			Yr 1	Yr 2	Yr 3	Yr 4	Total	Yr 1	Yr 2	Yr 3	Yr 4	Total	Yr 1	Yr 2	Yr 3	Yr 4	Total
1	463037.24	3773493.36	4.42E-07	0.00E+00	0.00E+00	0.00E+00	4.42E-07	6.77E-08	0.00E+00	0.00E+00	0.00E+00	6.77E-08	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08
2	463090.56	3773488.92	5.64E-07	0.00E+00	0.00E+00	0.00E+00	5.64E-07	8.64E-08	0.00E+00	0.00E+00	0.00E+00	8.64E-08	3.70E-08	0.00E+00	0.00E+00	0.00E+00	3.70E-08
3	463077.31	3773495	5.10E-07	0.00E+00	0.00E+00	0.00E+00	5.10E-07	7.81E-08	0.00E+00	0.00E+00	0.00E+00	7.81E-08	3.35E-08	0.00E+00	0.00E+00	0.00E+00	3.35E-08
4	463064.06	3773501.07	4.59E-07	0.00E+00	0.00E+00	0.00E+00	4.59E-07	7.03E-08	0.00E+00	0.00E+00	0.00E+00	7.03E-08	3.01E-08	0.00E+00	0.00E+00	0.00E+00	3.01E-08
5	463050.81	3773507.14	4.12E-07	0.00E+00	0.00E+00	0.00E+00	4.12E-07	6.30E-08	0.00E+00	0.00E+00	0.00E+00	6.30E-08	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08
6	463037.55	3773513.21	3.68E-07	0.00E+00	0.00E+00	0.00E+00	3.68E-07	5.63E-08	0.00E+00	0.00E+00	0.00E+00	5.63E-08	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08
7	463134.25	3773488.91	6.18E-07	0.00E+00	0.00E+00	0.00E+00	6.18E-07	9.47E-08	0.00E+00	0.00E+00	0.00E+00	9.47E-08	4.06E-08	0.00E+00	0.00E+00	0.00E+00	4.06E-08
8	463121.26	3773494.86	5.73E-07	0.00E+00	0.00E+00	0.00E+00	5.73E-07	8.77E-08	0.00E+00	0.00E+00	0.00E+00	8.77E-08	3.76E-08	0.00E+00	0.00E+00	0.00E+00	3.76E-08
9	463108.28	3773500.81	5.28E-07	0.00E+00	0.00E+00	0.00E+00	5.28E-07	8.08E-08	0.00E+00	0.00E+00	0.00E+00	8.08E-08	3.46E-08	0.00E+00	0.00E+00	0.00E+00	3.46E-08
10	463095.3	3773506.76	4.83E-07	0.00E+00	0.00E+00	0.00E+00	4.83E-07	7.39E-08	0.00E+00	0.00E+00	0.00E+00	7.39E-08	3.17E-08	0.00E+00	0.00E+00	0.00E+00	3.17E-08
11	463082.32	3773512.7	4.40E-07	0.00E+00	0.00E+00	0.00E+00	4.40E-07	6.74E-08	0.00E+00	0.00E+00	0.00E+00	6.74E-08	2.89E-08	0.00E+00	0.00E+00	0.00E+00	2.89E-08
12	463069.33	3773518.65	4.00E-07	0.00E+00	0.00E+00	0.00E+00	4.00E-07	6.12E-08	0.00E+00	0.00E+00	0.00E+00	6.12E-08	2.63E-08	0.00E+00	0.00E+00	0.00E+00	2.63E-08
13	463056.35	3773524.6	3.62E-07	0.00E+00	0.00E+00	0.00E+00	3.62E-07	5.54E-08	0.00E+00	0.00E+00	0.00E+00	5.54E-08	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08
14	463043.37	3773530.55	3.25E-07	0.00E+00	0.00E+00	0.00E+00	3.25E-07	4.97E-08	0.00E+00	0.00E+00	0.00E+00	4.97E-08	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08
15	463195.14	3773491.01	6.27E-07	0.00E+00	0.00E+00	0.00E+00	6.27E-07	9.60E-08	0.00E+00	0.00E+00	0.00E+00	9.60E-08	4.12E-08	0.00E+00	0.00E+00	0.00E+00	4.12E-08
16	463181.99	3773497.04	5.98E-07	0.00E+00	0.00E+00	0.00E+00	5.98E-07	9.16E-08	0.00E+00	0.00E+00	0.00E+00	9.16E-08	3.93E-08	0.00E+00	0.00E+00	0.00E+00	3.93E-08
17	463168.84	3773503.06	5.66E-07	0.00E+00	0.00E+00	0.00E+00	5.66E-07	8.67E-08	0.00E+00	0.00E+00	0.00E+00	8.67E-08	3.72E-08	0.00E+00	0.00E+00	0.00E+00	3.72E-08
18	463155.68	3773509.09	5.33E-07	0.00E+00	0.00E+00	0.00E+00	5.33E-07	8.16E-08	0.00E+00	0.00E+00	0.00E+00	8.16E-08	3.50E-08	0.00E+00	0.00E+00	0.00E+00	3.50E-08
19	463142.53	3773515.12	4.98E-07	0.00E+00	0.00E+00	0.00E+00	4.98E-07	7.63E-08	0.00E+00	0.00E+00	0.00E+00	7.63E-08	3.27E-08	0.00E+00	0.00E+00	0.00E+00	3.27E-08
20	463129.38	3773521.14	4.64E-07	0.00E+00	0.00E+00	0.00E+00	4.64E-07	7.10E-08	0.00E+00	0.00E+00	0.00E+00	7.10E-08	3.04E-08	0.00E+00	0.00E+00	0.00E+00	3.04E-08
21	463116.22	3773527.17	4.29E-07	0.00E+00	0.00E+00	0.00E+00	4.29E-07	6.56E-08	0.00E+00	0.00E+00	0.00E+00	6.56E-08	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08
22	463103.07	3773533.19	3.94E-07	0.00E+00	0.00E+00	0.00E+00	3.94E-07	6.04E-08	0.00E+00	0.00E+00	0.00E+00	6.04E-08	2.59E-08	0.00E+00	0.00E+00	0.00E+00	2.59E-08
23	463089.92	3773539.22	3.61E-07	0.00E+00	0.00E+00	0.00E+00	3.61E-07	5.52E-08	0.00E+00	0.00E+00	0.00E+00	5.52E-08	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08
24	463076.76	3773545.25	3.29E-07	0.00E+00	0.00E+00	0.00E+00	3.29E-07	5.03E-08	0.00E+00	0.00E+00	0.00E+00	5.03E-08	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08
25	463063.61	3773551.27	2.98E-07	0.00E+00	0.00E+00	0.00E+00	2.98E-07	4.57E-08	0.00E+00	0.00E+00	0.00E+00	4.57E-08	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08
26	463050.46	3773557.3	2.70E-07	0.00E+00	0.00E+00	0.00E+00	2.70E-07	4.13E-08	0.00E+00	0.00E+00	0.00E+00	4.13E-08	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08
27	463037.3	3773563.32	2.44E-07	0.00E+00	0.00E+00	0.00E+00	2.44E-07	3.74E-08	0.00E+00	0.00E+00	0.00E+00	3.74E-08	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08
28	463257.58	3773492.41	5.90E-07	0.00E+00	0.00E+00	0.00E+00	5.90E-07	9.03E-08	0.00E+00	0.00E+00	0.00E+00	9.03E-08	3.87E-08	0.00E+00	0.00E+00	0.00E+00	3.87E-08
29	463244.6	3773498.36	5.78E-07	0.00E+00	0.00E+00	0.00E+00	5.78E-07	8.85E-08	0.00E+00	0.00E+00	0.00E+00	8.85E-08	3.80E-08	0.00E+00	0.00E+00	0.00E+00	3.80E-08
30	463231.61	3773504.3	5.62E-07	0.00E+00	0.00E+00	0.00E+00	5.62E-07	8.61E-08	0.00E+00	0.00E+00	0.00E+00	8.61E-08	3.69E-08	0.00E+00	0.00E+00	0.00E+00	3.69E-08
31	463218.63	3773510.25	5.42E-07	0.00E+00	0.00E+00	0.00E+00	5.42E-07	8.29E-08	0.00E+00	0.00E+00	0.00E+00	8.29E-08	3.55E-08	0.00E+00	0.00E+00	0.00E+00	3.55E-08
32	463205.65	3773516.2	5.19E-07	0.00E+00	0.00E+00	0.00E+00	5.19E-07	7.95E-08	0.00E+00	0.00E+00	0.00E+00	7.95E-08	3.41E-08	0.00E+00	0.00E+00	0.00E+00	3.41E-08
33	463192.67	3773522.15	4.96E-07	0.00E+00	0.00E+00	0.00E+00	4.96E-07	7.59E-08	0.00E+00	0.00E+00	0.00E+00	7.59E-08	3.25E-08	0.00E+00	0.00E+00	0.00E+00	3.25E-08
34	463179.68	3773528.1	4.71E-07	0.00E+00	0.00E+00	0.00E+00	4.71E-07	7.21E-08	0.00E+00	0.00E+00	0.00E+00	7.21E-08	3.09E-08	0.00E+00	0.00E+00	0.00E+00	3.09E-08
35	463166.7	3773534.04	4.44E-07	0.00E+00	0.00E+00	0.00E+00	4.44E-07	6.80E-08	0.00E+00	0.00E+00	0.00E+00	6.80E-08	2.92E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-08
36	463153.72	3773539.99	4.17E-07	0.00E+00	0.00E+00	0.00E+00	4.17E-07	6.38E-08	0.00E+00	0.00E+00	0.00E+00	6.38E-08	2.73E-08	0.00E+00	0.00E+00	0.00E+00	2.73E-08
37	463140.74	3773545.94	3.88E-07	0.00E+00	0.00E+00	0.00E+00	3.88E-07	5.94E-08	0.00E+00	0.00E+00	0.00E+00	5.94E-08	2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08
38	463127.75	3773551.89	3.60E-07	0.00E+00	0.00E+00	0.00E+00	3.60E-07	5.51E-08	0.00E+00	0.00E+00	0.00E+00	5.51E-08	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08
39	463114.77	3773557.83	3.33E-07	0.00E+00	0.00E+00	0.00E+00	3.33E-07	5.09E-08	0.00E+00	0.00E+00	0.00E+00	5.09E-08	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08
40	463101.79	3773563.78	3.06E-07	0.00E+00	0.00E+00	0.00E+00	3.06E-07	4.69E-08	0.00E+00	0.00E+00	0.00E+00	4.69E-08	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08
41	463088.81	3773569.73	2.81E-07	0.00E+00	0.00E+00	0.00E+00	2.81E-07	4.31E-08	0.00E+00	0.00E+00	0.00E+00	4.31E-08	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08
42	463075.82	3773575.68	2.58E-07	0.00E+00	0.00E+00	0.00E+00	2.58E-07	3.95E-08	0.00E+00	0.00E+00	0.00E+00	3.95E-08	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08
43	463062.84	3773581.63	2.36E-07	0.00E+00	0.00E+00	0.00E+00	2.36E-07	3.62E-08	0.00E+00	0.00E+00	0.00E+00	3.62E-08	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08
44	463049.86	3773587.57	2.16E-07	0.00E+00	0.00E+00	0.00E+00	2.16E-07	3.30E-08	0.00E+00	0.00E+00	0.00E+00	3.30E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08
45	463036.88	3773593.52	1.97E-07	0.00E+00	0.00E+00	0.00E+00	1.97E-07	3.02E-08	0.00E+00	0.00E+00	0.00E+00	3.02E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08
46	463293.21	3773506.09	5.16E-07	0.00E+00	0.00E+00	0.00E+00	5.16E-07	7.90E-08	0.00E+00	0.00E+00	0.00E+00	7.90E-08	3.39E-08	0.00E+00	0.00E+00	0.00E+00	3.39E-08
47	463280.08	3773512.1	5.09E-07	0.00E+00	0.00E+00	0.00E+00	5.09E-07	7.79E-08	0.00E+00	0.00E+00	0.00E+00	7.79E-08	3.34E-08	0.00E+00	0.00E+00	0.00E+00	3.34E-08
48	463266.96	3773518.11	4.99E-07	0.00E+00	0.00E+00	0.00E+00	4.99E-07	7.64E-08	0.00E+00	0.00E+00	0.00E+00	7.64E-08	3.27E-08	0.00E+00	0.00E+00	0.00E+00	3.27E-08
49	463253.83	3773524.13	4.86E-07	0.00E+00	0.00E+00	0.00E+00	4.86E-07	7.44E-08	0.00E+00	0.00E+00	0.00E+00	7.44E-08	3.19E-08	0.00E+00	0.00E+00	0.00E+00	3.19E-08
50	463240.7	3773530.14	4.71E-07	0.00E+00	0.00E+00	0.00E+00	4.71E-07	7.20E-08	0.00E+00	0.00E+00	0.00E+00	7.20E-08	3.09E-08	0.00E+00	0.00E+00	0.00E+00	3.09E-08
51	463227.58	3773536.15	4.53E-07	0.00E+00	0.00E+00	0.00E+00	4.53E-07	6.94E-08	0.00E+00	0.00E+00	0.00E+00	6.94E-08	2.97E-08	0.00E+00	0.00E+00	0.00E+00	2.97E-08
52	463214.45	3773542.17	4.34E-07	0.00E+00	0.00E+00	0.00E+00	4.34E-07	6.65E-08	0.00E+00	0.00E+00	0.00E+00	6.65E-08	2.85E-08	0.00E+00	0.00E+00	0.00E+00	2.85E-08
53	463201.32	3773548.18	4.14E-07	0.00E+00	0.00E+00	0.00E+00	4.14E-07	6.34E-08	0.00E+00	0.00E+00	0.00E+00	6.34E-08	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08

54	463188.2	3773554.2	3.93E-07	0.00E+00	0.00E+00	0.00E+00	3.93E-07	6.01E-08	0.00E+00	0.00E+00	0.00E+00	6.01E-08	2.58E-08	0.00E+00	0.00E+00	0.00E+00	2.58E-08
55	463175.07	3773560.21	3.70E-07	0.00E+00	0.00E+00	0.00E+00	3.70E-07	5.67E-08	0.00E+00	0.00E+00	0.00E+00	5.67E-08	2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08
56	463161.94	3773566.22	3.46E-07	0.00E+00	0.00E+00	0.00E+00	3.46E-07	5.30E-08	0.00E+00	0.00E+00	0.00E+00	5.30E-08	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08
57	463148.81	3773572.24	3.22E-07	0.00E+00	0.00E+00	0.00E+00	3.22E-07	4.94E-08	0.00E+00	0.00E+00	0.00E+00	4.94E-08	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08
58	463135.69	3773578.25	3.00E-07	0.00E+00	0.00E+00	0.00E+00	3.00E-07	4.60E-08	0.00E+00	0.00E+00	0.00E+00	4.60E-08	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08
59	463122.56	3773584.27	2.79E-07	0.00E+00	0.00E+00	0.00E+00	2.79E-07	4.27E-08	0.00E+00	0.00E+00	0.00E+00	4.27E-08	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08
60	463109.43	3773590.28	2.58E-07	0.00E+00	0.00E+00	0.00E+00	2.58E-07	3.95E-08	0.00E+00	0.00E+00	0.00E+00	3.95E-08	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08
61	463096.31	3773596.29	2.38E-07	0.00E+00	0.00E+00	0.00E+00	2.38E-07	3.65E-08	0.00E+00	0.00E+00	0.00E+00	3.65E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08
62	463083.18	3773602.31	2.19E-07	0.00E+00	0.00E+00	0.00E+00	2.19E-07	3.35E-08	0.00E+00	0.00E+00	0.00E+00	3.35E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08
63	463070.05	3773608.32	2.01E-07	0.00E+00	0.00E+00	0.00E+00	2.01E-07	3.08E-08	0.00E+00	0.00E+00	0.00E+00	3.08E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08
64	463056.93	3773614.33	1.84E-07	0.00E+00	0.00E+00	0.00E+00	1.84E-07	2.82E-08	0.00E+00	0.00E+00	0.00E+00	2.82E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08
65	463043.8	3773620.35	1.69E-07	0.00E+00	0.00E+00	0.00E+00	1.69E-07	2.58E-08	0.00E+00	0.00E+00	0.00E+00	2.58E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08
66	463304.53	3773497.56	5.28E-07	0.00E+00	0.00E+00	0.00E+00	5.28E-07	8.08E-08	0.00E+00	0.00E+00	0.00E+00	8.08E-08	3.47E-08	0.00E+00	0.00E+00	0.00E+00	3.47E-08
67	463315.87	3773525.71	4.49E-07	0.00E+00	0.00E+00	0.00E+00	4.49E-07	6.87E-08	0.00E+00	0.00E+00	0.00E+00	6.87E-08	2.95E-08	0.00E+00	0.00E+00	0.00E+00	2.95E-08
68	463302.61	3773531.78	4.42E-07	0.00E+00	0.00E+00	0.00E+00	4.42E-07	6.77E-08	0.00E+00	0.00E+00	0.00E+00	6.77E-08	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08
69	463289.36	3773537.85	4.34E-07	0.00E+00	0.00E+00	0.00E+00	4.34E-07	6.64E-08	0.00E+00	0.00E+00	0.00E+00	6.64E-08	2.85E-08	0.00E+00	0.00E+00	0.00E+00	2.85E-08
70	463276.11	3773543.92	4.24E-07	0.00E+00	0.00E+00	0.00E+00	4.24E-07	6.49E-08	0.00E+00	0.00E+00	0.00E+00	6.49E-08	2.78E-08	0.00E+00	0.00E+00	0.00E+00	2.78E-08
71	463262.85	3773549.99	4.12E-07	0.00E+00	0.00E+00	0.00E+00	4.12E-07	6.31E-08	0.00E+00	0.00E+00	0.00E+00	6.31E-08	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08
72	463249.6	3773556.06	3.99E-07	0.00E+00	0.00E+00	0.00E+00	3.99E-07	6.10E-08	0.00E+00	0.00E+00	0.00E+00	6.10E-08	2.62E-08	0.00E+00	0.00E+00	0.00E+00	2.62E-08
73	463236.35	3773562.14	3.83E-07	0.00E+00	0.00E+00	0.00E+00	3.83E-07	5.87E-08	0.00E+00	0.00E+00	0.00E+00	5.87E-08	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08
74	463223.1	3773568.21	3.67E-07	0.00E+00	0.00E+00	0.00E+00	3.67E-07	5.62E-08	0.00E+00	0.00E+00	0.00E+00	5.62E-08	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08
75	463209.84	3773574.28	3.49E-07	0.00E+00	0.00E+00	0.00E+00	3.49E-07	5.34E-08	0.00E+00	0.00E+00	0.00E+00	5.34E-08	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08
76	463196.59	3773580.35	3.30E-07	0.00E+00	0.00E+00	0.00E+00	3.30E-07	5.05E-08	0.00E+00	0.00E+00	0.00E+00	5.05E-08	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08
77	463183.34	3773586.42	3.11E-07	0.00E+00	0.00E+00	0.00E+00	3.11E-07	4.76E-08	0.00E+00	0.00E+00	0.00E+00	4.76E-08	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08
78	463170.08	3773592.49	2.92E-07	0.00E+00	0.00E+00	0.00E+00	2.92E-07	4.47E-08	0.00E+00	0.00E+00	0.00E+00	4.47E-08	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08
79	463156.83	3773598.57	2.73E-07	0.00E+00	0.00E+00	0.00E+00	2.73E-07	4.18E-08	0.00E+00	0.00E+00	0.00E+00	4.18E-08	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08
80	463143.58	3773604.64	2.55E-07	0.00E+00	0.00E+00	0.00E+00	2.55E-07	3.90E-08	0.00E+00	0.00E+00	0.00E+00	3.90E-08	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08
81	463130.32	3773610.71	2.37E-07	0.00E+00	0.00E+00	0.00E+00	2.37E-07	3.63E-08	0.00E+00	0.00E+00	0.00E+00	3.63E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08
82	463117.07	3773616.78	2.20E-07	0.00E+00	0.00E+00	0.00E+00	2.20E-07	3.37E-08	0.00E+00	0.00E+00	0.00E+00	3.37E-08	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08
83	463103.82	3773622.85	2.03E-07	0.00E+00	0.00E+00	0.00E+00	2.03E-07	3.11E-08	0.00E+00	0.00E+00	0.00E+00	3.11E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08
84	463090.56	3773628.92	1.87E-07	0.00E+00	0.00E+00	0.00E+00	1.87E-07	2.87E-08	0.00E+00	0.00E+00	0.00E+00	2.87E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08
85	463077.31	3773635	1.73E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-07	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08
86	463064.06	3773641.07	1.59E-07	0.00E+00	0.00E+00	0.00E+00	1.59E-07	2.44E-08	0.00E+00	0.00E+00	0.00E+00	2.44E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08
87	463050.81	3773647.14	1.47E-07	0.00E+00	0.00E+00	0.00E+00	1.47E-07	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	9.64E-09	0.00E+00	0.00E+00	0.00E+00	9.64E-09
88	463037.55	3773653.21	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	8.88E-09	0.00E+00	0.00E+00	0.00E+00	8.88E-09
89	463327.25	3773517.15	4.60E-07	0.00E+00	0.00E+00	0.00E+00	4.60E-07	7.04E-08	0.00E+00	0.00E+00	0.00E+00	7.04E-08	3.02E-08	0.00E+00	0.00E+00	0.00E+00	3.02E-08
90	463338.66	3773545.26	3.95E-07	0.00E+00	0.00E+00	0.00E+00	3.95E-07	6.04E-08	0.00E+00	0.00E+00	0.00E+00	6.04E-08	2.59E-08	0.00E+00	0.00E+00	0.00E+00	2.59E-08
91	463325.55	3773551.27	3.90E-07	0.00E+00	0.00E+00	0.00E+00	3.90E-07	5.96E-08	0.00E+00	0.00E+00	0.00E+00	5.96E-08	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08
92	463312.44	3773557.27	3.83E-07	0.00E+00	0.00E+00	0.00E+00	3.83E-07	5.86E-08	0.00E+00	0.00E+00	0.00E+00	5.86E-08	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08
93	463299.34	3773563.28	3.74E-07	0.00E+00	0.00E+00	0.00E+00	3.74E-07	5.73E-08	0.00E+00	0.00E+00	0.00E+00	5.73E-08	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08
94	463286.23	3773569.28	3.65E-07	0.00E+00	0.00E+00	0.00E+00	3.65E-07	5.59E-08	0.00E+00	0.00E+00	0.00E+00	5.59E-08	2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08
95	463273.12	3773575.29	3.54E-07	0.00E+00	0.00E+00	0.00E+00	3.54E-07	5.41E-08	0.00E+00	0.00E+00	0.00E+00	5.41E-08	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08
96	463260.01	3773581.29	3.41E-07	0.00E+00	0.00E+00	0.00E+00	3.41E-07	5.22E-08	0.00E+00	0.00E+00	0.00E+00	5.22E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08
97	463246.91	3773587.3	3.27E-07	0.00E+00	0.00E+00	0.00E+00	3.27E-07	5.01E-08	0.00E+00	0.00E+00	0.00E+00	5.01E-08	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08
98	463233.8	3773593.3	3.13E-07	0.00E+00	0.00E+00	0.00E+00	3.13E-07	4.79E-08	0.00E+00	0.00E+00	0.00E+00	4.79E-08	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08
99	463220.69	3773599.31	2.98E-07	0.00E+00	0.00E+00	0.00E+00	2.98E-07	4.56E-08	0.00E+00	0.00E+00	0.00E+00	4.56E-08	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08
100	463207.58	3773605.31	2.83E-07	0.00E+00	0.00E+00	0.00E+00	2.83E-07	4.34E-08	0.00E+00	0.00E+00	0.00E+00	4.34E-08	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08
101	463194.48	3773611.32	2.68E-07	0.00E+00	0.00E+00	0.00E+00	2.68E-07	4.10E-08	0.00E+00	0.00E+00	0.00E+00	4.10E-08	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08
102	463181.37	3773617.32	2.53E-07	0.00E+00	0.00E+00	0.00E+00	2.53E-07	3.87E-08	0.00E+00	0.00E+00	0.00E+00	3.87E-08	1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08
103	463168.26	3773623.33	2.38E-07	0.00E+00	0.00E+00	0.00E+00	2.38E-07	3.64E-08	0.00E+00	0.00E+00	0.00E+00	3.64E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08
104	463155.16	3773629.33	2.23E-07	0.00E+00	0.00E+00	0.00E+00	2.23E-07	3.41E-08	0.00E+00	0.00E+00	0.00E+00	3.41E-08	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08
105	463142.05	3773635.34	2.08E-07	0.00E+00	0.00E+00	0.00E+00	2.08E-07	3.18E-08	0.00E+00	0.00E+00	0.00E+00	3.18E-08	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08
106	463128.94	3773641.34	1.94E-07	0.00E+00	0.00E+00	0.00E+00	1.94E-07	2.97E-08	0.00E+00	0.00E+00	0.00E+00	2.97E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08
107	463115.83	3773647.35	1.80E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-07	2.76E-08	0.00E+00	0.00E+00	0.00E+00	2.76E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08
108	463102.73	3773653.35	1.67E-07	0.00E+00	0.00E+00	0.00E+00	1.67E-07	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08
109	463089.62	3773659.36	1.55E-07	0.00E+00	0.00E+00	0.00E+00	1.55E-07	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.38E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08
110	463076.51	3773665.36	1.44E-07	0.00E+00	0.00E+00	0.00E+00	1.44E-07	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08	9.44E-09	0.00E+00	0.00E+00	0.00E+00	9.44E-09

111	463063.4	3773671.37	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	8.73E-09	0.00E+00	0.00E+00	0.00E+00	8.73E-09
112	463050.3	3773677.37	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	8.07E-09	0.00E+00	0.00E+00	0.00E+00	8.07E-09
113	463037.19	3773683.38	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	7.47E-09	0.00E+00	0.00E+00	0.00E+00	7.47E-09
114	463349.97	3773536.74	4.04E-07	0.00E+00	0.00E+00	0.00E+00	4.04E-07	6.18E-08	0.00E+00	0.00E+00	0.00E+00	6.18E-08	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08
115	463361.32	3773564.88	3.48E-07	0.00E+00	0.00E+00	0.00E+00	3.48E-07	5.33E-08	0.00E+00	0.00E+00	0.00E+00	5.33E-08	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08
116	463348.1	3773570.94	3.44E-07	0.00E+00	0.00E+00	0.00E+00	3.44E-07	5.27E-08	0.00E+00	0.00E+00	0.00E+00	5.27E-08	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08
117	463334.89	3773576.99	3.38E-07	0.00E+00	0.00E+00	0.00E+00	3.38E-07	5.18E-08	0.00E+00	0.00E+00	0.00E+00	5.18E-08	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08
118	463321.67	3773583.05	3.31E-07	0.00E+00	0.00E+00	0.00E+00	3.31E-07	5.07E-08	0.00E+00	0.00E+00	0.00E+00	5.07E-08	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08
119	463308.45	3773589.1	3.23E-07	0.00E+00	0.00E+00	0.00E+00	3.23E-07	4.95E-08	0.00E+00	0.00E+00	0.00E+00	4.95E-08	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08
120	463295.23	3773595.16	3.14E-07	0.00E+00	0.00E+00	0.00E+00	3.14E-07	4.80E-08	0.00E+00	0.00E+00	0.00E+00	4.80E-08	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08
121	463282.01	3773601.22	3.04E-07	0.00E+00	0.00E+00	0.00E+00	3.04E-07	4.65E-08	0.00E+00	0.00E+00	0.00E+00	4.65E-08	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08
122	463268.79	3773607.27	2.93E-07	0.00E+00	0.00E+00	0.00E+00	2.93E-07	4.48E-08	0.00E+00	0.00E+00	0.00E+00	4.48E-08	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08
123	463255.57	3773613.33	2.81E-07	0.00E+00	0.00E+00	0.00E+00	2.81E-07	4.31E-08	0.00E+00	0.00E+00	0.00E+00	4.31E-08	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08
124	463242.36	3773619.38	2.69E-07	0.00E+00	0.00E+00	0.00E+00	2.69E-07	4.12E-08	0.00E+00	0.00E+00	0.00E+00	4.12E-08	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08
125	463229.14	3773625.44	2.57E-07	0.00E+00	0.00E+00	0.00E+00	2.57E-07	3.93E-08	0.00E+00	0.00E+00	0.00E+00	3.93E-08	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08
126	463215.92	3773631.5	2.44E-07	0.00E+00	0.00E+00	0.00E+00	2.44E-07	3.73E-08	0.00E+00	0.00E+00	0.00E+00	3.73E-08	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08
127	463202.7	3773637.55	2.30E-07	0.00E+00	0.00E+00	0.00E+00	2.30E-07	3.52E-08	0.00E+00	0.00E+00	0.00E+00	3.52E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08
128	463189.48	3773643.61	2.17E-07	0.00E+00	0.00E+00	0.00E+00	2.17E-07	3.32E-08	0.00E+00	0.00E+00	0.00E+00	3.32E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08
129	463176.26	3773649.66	2.04E-07	0.00E+00	0.00E+00	0.00E+00	2.04E-07	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08
130	463163.04	3773655.72	1.91E-07	0.00E+00	0.00E+00	0.00E+00	1.91E-07	2.93E-08	0.00E+00	0.00E+00	0.00E+00	2.93E-08	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08
131	463149.82	3773661.78	1.79E-07	0.00E+00	0.00E+00	0.00E+00	1.79E-07	2.75E-08	0.00E+00	0.00E+00	0.00E+00	2.75E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08
132	463136.61	3773667.83	1.68E-07	0.00E+00	0.00E+00	0.00E+00	1.68E-07	2.57E-08	0.00E+00	0.00E+00	0.00E+00	2.57E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08
133	463123.39	3773673.89	1.57E-07	0.00E+00	0.00E+00	0.00E+00	1.57E-07	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
134	463110.17	3773679.94	1.46E-07	0.00E+00	0.00E+00	0.00E+00	1.46E-07	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08	9.61E-09	0.00E+00	0.00E+00	0.00E+00	9.61E-09
135	463096.95	3773686	1.37E-07	0.00E+00	0.00E+00	0.00E+00	1.37E-07	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08	8.96E-09	0.00E+00	0.00E+00	0.00E+00	8.96E-09
136	463083.73	3773692.05	1.27E-07	0.00E+00	0.00E+00	0.00E+00	1.27E-07	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08	8.32E-09	0.00E+00	0.00E+00	0.00E+00	8.32E-09
137	463070.51	3773698.11	1.18E-07	0.00E+00	0.00E+00	0.00E+00	1.18E-07	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08	7.71E-09	0.00E+00	0.00E+00	0.00E+00	7.71E-09
138	463057.29	3773704.17	1.09E-07	0.00E+00	0.00E+00	0.00E+00	1.09E-07	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	7.16E-09	0.00E+00	0.00E+00	0.00E+00	7.16E-09
139	463044.08	3773710.22	1.02E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-07	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	6.66E-09	0.00E+00	0.00E+00	0.00E+00	6.66E-09
140	463372.69	3773556.33	3.56E-07	0.00E+00	0.00E+00	0.00E+00	3.56E-07	5.45E-08	0.00E+00	0.00E+00	0.00E+00	5.45E-08	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08
141	463384.11	3773584.44	3.11E-07	0.00E+00	0.00E+00	0.00E+00	3.11E-07	4.76E-08	0.00E+00	0.00E+00	0.00E+00	4.76E-08	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08
142	463371.01	3773590.44	3.07E-07	0.00E+00	0.00E+00	0.00E+00	3.07E-07	4.71E-08	0.00E+00	0.00E+00	0.00E+00	4.71E-08	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08
143	463357.92	3773596.44	3.03E-07	0.00E+00	0.00E+00	0.00E+00	3.03E-07	4.64E-08	0.00E+00	0.00E+00	0.00E+00	4.64E-08	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08
144	463344.83	3773602.44	2.97E-07	0.00E+00	0.00E+00	0.00E+00	2.97E-07	4.54E-08	0.00E+00	0.00E+00	0.00E+00	4.54E-08	1.95E-08	0.00E+00	0.00E+00	0.00E+00	1.95E-08
145	463331.73	3773608.44	2.90E-07	0.00E+00	0.00E+00	0.00E+00	2.90E-07	4.43E-08	0.00E+00	0.00E+00	0.00E+00	4.43E-08	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08
146	463318.64	3773614.43	2.82E-07	0.00E+00	0.00E+00	0.00E+00	2.82E-07	4.32E-08	0.00E+00	0.00E+00	0.00E+00	4.32E-08	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08
147	463305.55	3773620.43	2.74E-07	0.00E+00	0.00E+00	0.00E+00	2.74E-07	4.20E-08	0.00E+00	0.00E+00	0.00E+00	4.20E-08	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08
148	463292.46	3773626.43	2.65E-07	0.00E+00	0.00E+00	0.00E+00	2.65E-07	4.06E-08	0.00E+00	0.00E+00	0.00E+00	4.06E-08	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08
149	463279.36	3773632.43	2.56E-07	0.00E+00	0.00E+00	0.00E+00	2.56E-07	3.91E-08	0.00E+00	0.00E+00	0.00E+00	3.91E-08	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08
150	463266.27	3773638.43	2.45E-07	0.00E+00	0.00E+00	0.00E+00	2.45E-07	3.75E-08	0.00E+00	0.00E+00	0.00E+00	3.75E-08	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08
151	463253.18	3773644.43	2.34E-07	0.00E+00	0.00E+00	0.00E+00	2.34E-07	3.59E-08	0.00E+00	0.00E+00	0.00E+00	3.59E-08	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08
152	463240.09	3773650.42	2.23E-07	0.00E+00	0.00E+00	0.00E+00	2.23E-07	3.42E-08	0.00E+00	0.00E+00	0.00E+00	3.42E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08
153	463226.99	3773656.42	2.12E-07	0.00E+00	0.00E+00	0.00E+00	2.12E-07	3.25E-08	0.00E+00	0.00E+00	0.00E+00	3.25E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08
154	463213.9	3773662.42	2.02E-07	0.00E+00	0.00E+00	0.00E+00	2.02E-07	3.09E-08	0.00E+00	0.00E+00	0.00E+00	3.09E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08
155	463200.81	3773668.42	1.91E-07	0.00E+00	0.00E+00	0.00E+00	1.91E-07	2.92E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08
156	463187.72	3773674.42	1.80E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-07	2.76E-08	0.00E+00	0.00E+00	0.00E+00	2.76E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08
157	463174.62	3773680.41	1.70E-07	0.00E+00	0.00E+00	0.00E+00	1.70E-07	2.60E-08	0.00E+00	0.00E+00	0.00E+00	2.60E-08	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08
158	463161.53	3773686.41	1.60E-07	0.00E+00	0.00E+00	0.00E+00	1.60E-07	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08
159	463148.44	3773692.41	1.50E-07	0.00E+00	0.00E+00	0.00E+00	1.50E-07	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	9.86E-09	0.00E+00	0.00E+00	0.00E+00	9.86E-09
160	463135.35	3773698.41	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	9.24E-09	0.00E+00	0.00E+00	0.00E+00	9.24E-09
161	463122.25	3773704.41	1.32E-07	0.00E+00	0.00E+00	0.00E+00	1.32E-07	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08	8.65E-09	0.00E+00	0.00E+00	0.00E+00	8.65E-09
162	463109.16	3773710.4	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	8.08E-09	0.00E+00	0.00E+00	0.00E+00	8.08E-09
163	463096.07	3773716.4	1.15E-07	0.00E+00	0.00E+00	0.00E+00	1.15E-07	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	7.55E-09	0.00E+00	0.00E+00	0.00E+00	7.55E-09
164	463082.98	3773722.4	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	7.06E-09	0.00E+00	0.00E+00	0.00E+00	7.06E-09
165	463069.88	3773728.4	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08	6.60E-09	0.00E+00	0.00E+00	0.00E+00	6.60E-09
166	463056.79	3773734.4	9.40E-08	0.00E+00	0.00E+00	0.00E+00	9.40E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	6.17E-09	0.00E+00	0.00E+00	0.00E+00	6.17E-09
167	463043.7	3773740.4	8.76E-08	0.00E+00	0.00E+00	0.00E+00	8.76E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	5.75E-09	0.00E+00	0.00E+00	0.00E+00	5.75E-09

168	463395.41	3773575.92	3.18E-07	0.00E+00	0.00E+00	0.00E+00	3.18E-07	4.86E-08	0.00E+00	0.00E+00	0.00E+00	4.86E-08	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08
169	463406.77	3773604.06	2.78E-07	0.00E+00	0.00E+00	0.00E+00	2.78E-07	4.26E-08	0.00E+00	0.00E+00	0.00E+00	4.26E-08	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08
170	463393.58	3773610.1	2.75E-07	0.00E+00	0.00E+00	0.00E+00	2.75E-07	4.21E-08	0.00E+00	0.00E+00	0.00E+00	4.21E-08	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08
171	463380.39	3773616.15	2.71E-07	0.00E+00	0.00E+00	0.00E+00	2.71E-07	4.15E-08	0.00E+00	0.00E+00	0.00E+00	4.15E-08	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08
172	463367.2	3773622.19	2.66E-07	0.00E+00	0.00E+00	0.00E+00	2.66E-07	4.08E-08	0.00E+00	0.00E+00	0.00E+00	4.08E-08	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08
173	463354.01	3773628.23	2.61E-07	0.00E+00	0.00E+00	0.00E+00	2.61E-07	3.99E-08	0.00E+00	0.00E+00	0.00E+00	3.99E-08	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08
174	463340.82	3773634.28	2.54E-07	0.00E+00	0.00E+00	0.00E+00	2.54E-07	3.89E-08	0.00E+00	0.00E+00	0.00E+00	3.89E-08	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08
175	463327.62	3773640.32	2.47E-07	0.00E+00	0.00E+00	0.00E+00	2.47E-07	3.78E-08	0.00E+00	0.00E+00	0.00E+00	3.78E-08	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08
176	463314.43	3773646.36	2.39E-07	0.00E+00	0.00E+00	0.00E+00	2.39E-07	3.66E-08	0.00E+00	0.00E+00	0.00E+00	3.66E-08	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08
177	463301.24	3773652.41	2.31E-07	0.00E+00	0.00E+00	0.00E+00	2.31E-07	3.54E-08	0.00E+00	0.00E+00	0.00E+00	3.54E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08
178	463288.05	3773658.45	2.22E-07	0.00E+00	0.00E+00	0.00E+00	2.22E-07	3.40E-08	0.00E+00	0.00E+00	0.00E+00	3.40E-08	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08
179	463274.86	3773664.49	2.13E-07	0.00E+00	0.00E+00	0.00E+00	2.13E-07	3.27E-08	0.00E+00	0.00E+00	0.00E+00	3.27E-08	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08
180	463261.66	3773670.54	2.04E-07	0.00E+00	0.00E+00	0.00E+00	2.04E-07	3.13E-08	0.00E+00	0.00E+00	0.00E+00	3.13E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08
181	463248.47	3773676.58	1.95E-07	0.00E+00	0.00E+00	0.00E+00	1.95E-07	2.99E-08	0.00E+00	0.00E+00	0.00E+00	2.99E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08
182	463235.28	3773682.63	1.86E-07	0.00E+00	0.00E+00	0.00E+00	1.86E-07	2.85E-08	0.00E+00	0.00E+00	0.00E+00	2.85E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08
183	463222.09	3773688.67	1.77E-07	0.00E+00	0.00E+00	0.00E+00	1.77E-07	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08
184	463208.9	3773694.71	1.67E-07	0.00E+00	0.00E+00	0.00E+00	1.67E-07	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08
185	463195.7	3773700.76	1.58E-07	0.00E+00	0.00E+00	0.00E+00	1.58E-07	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08
186	463182.51	3773706.8	1.49E-07	0.00E+00	0.00E+00	0.00E+00	1.49E-07	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08	9.78E-09	0.00E+00	0.00E+00	0.00E+00	9.78E-09
187	463169.32	3773712.84	1.40E-07	0.00E+00	0.00E+00	0.00E+00	1.40E-07	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	9.21E-09	0.00E+00	0.00E+00	0.00E+00	9.21E-09
188	463156.13	3773718.89	1.32E-07	0.00E+00	0.00E+00	0.00E+00	1.32E-07	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08	8.67E-09	0.00E+00	0.00E+00	0.00E+00	8.67E-09
189	463142.94	3773724.93	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	8.16E-09	0.00E+00	0.00E+00	0.00E+00	8.16E-09
190	463129.74	3773730.98	1.17E-07	0.00E+00	0.00E+00	0.00E+00	1.17E-07	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	7.67E-09	0.00E+00	0.00E+00	0.00E+00	7.67E-09
191	463116.55	3773737.02	1.10E-07	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	7.20E-09	0.00E+00	0.00E+00	0.00E+00	7.20E-09
192	463103.36	3773743.06	1.03E-07	0.00E+00	0.00E+00	0.00E+00	1.03E-07	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	6.76E-09	0.00E+00	0.00E+00	0.00E+00	6.76E-09
193	463090.17	3773749.11	9.65E-08	0.00E+00	0.00E+00	0.00E+00	9.65E-08	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	6.33E-09	0.00E+00	0.00E+00	0.00E+00	6.33E-09
194	463076.98	3773755.15	9.04E-08	0.00E+00	0.00E+00	0.00E+00	9.04E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	5.93E-09	0.00E+00	0.00E+00	0.00E+00	5.93E-09
195	463063.78	3773761.19	8.46E-08	0.00E+00	0.00E+00	0.00E+00	8.46E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	5.55E-09	0.00E+00	0.00E+00	0.00E+00	5.55E-09
196	463050.59	3773767.24	7.91E-08	0.00E+00	0.00E+00	0.00E+00	7.91E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	5.19E-09	0.00E+00	0.00E+00	0.00E+00	5.19E-09
197	463037.4	3773773.28	7.41E-08	0.00E+00	0.00E+00	0.00E+00	7.41E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	4.86E-09	0.00E+00	0.00E+00	0.00E+00	4.86E-09
198	463403.39	3773635.61	2.45E-07	0.00E+00	0.00E+00	0.00E+00	2.45E-07	3.75E-08	0.00E+00	0.00E+00	0.00E+00	3.75E-08	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08
199	463390.31	3773641.6	2.41E-07	0.00E+00	0.00E+00	0.00E+00	2.41E-07	3.69E-08	0.00E+00	0.00E+00	0.00E+00	3.69E-08	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08
200	463377.23	3773647.6	2.37E-07	0.00E+00	0.00E+00	0.00E+00	2.37E-07	3.62E-08	0.00E+00	0.00E+00	0.00E+00	3.62E-08	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08
201	463364.15	3773653.59	2.31E-07	0.00E+00	0.00E+00	0.00E+00	2.31E-07	3.54E-08	0.00E+00	0.00E+00	0.00E+00	3.54E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08
202	463351.06	3773659.58	2.25E-07	0.00E+00	0.00E+00	0.00E+00	2.25E-07	3.45E-08	0.00E+00	0.00E+00	0.00E+00	3.45E-08	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08
203	463337.98	3773665.57	2.18E-07	0.00E+00	0.00E+00	0.00E+00	2.18E-07	3.34E-08	0.00E+00	0.00E+00	0.00E+00	3.34E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08
204	463324.9	3773671.57	2.11E-07	0.00E+00	0.00E+00	0.00E+00	2.11E-07	3.24E-08	0.00E+00	0.00E+00	0.00E+00	3.24E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08
205	463311.82	3773677.56	2.04E-07	0.00E+00	0.00E+00	0.00E+00	2.04E-07	3.13E-08	0.00E+00	0.00E+00	0.00E+00	3.13E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08
206	463298.74	3773683.55	1.97E-07	0.00E+00	0.00E+00	0.00E+00	1.97E-07	3.02E-08	0.00E+00	0.00E+00	0.00E+00	3.02E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08
207	463285.66	3773689.54	1.89E-07	0.00E+00	0.00E+00	0.00E+00	1.89E-07	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08
208	463272.58	3773695.54	1.81E-07	0.00E+00	0.00E+00	0.00E+00	1.81E-07	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08
209	463259.5	3773701.53	1.73E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-07	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08
210	463246.42	3773707.52	1.65E-07	0.00E+00	0.00E+00	0.00E+00	1.65E-07	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08
211	463233.34	3773713.52	1.57E-07	0.00E+00	0.00E+00	0.00E+00	1.57E-07	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
212	463220.26	3773719.51	1.49E-07	0.00E+00	0.00E+00	0.00E+00	1.49E-07	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08	9.77E-09	0.00E+00	0.00E+00	0.00E+00	9.77E-09
213	463207.17	3773725.5	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08	9.28E-09	0.00E+00	0.00E+00	0.00E+00	9.28E-09
214	463194.09	3773731.49	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	8.79E-09	0.00E+00	0.00E+00	0.00E+00	8.79E-09
215	463181.01	3773737.49	1.27E-07	0.00E+00	0.00E+00	0.00E+00	1.27E-07	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08	8.32E-09	0.00E+00	0.00E+00	0.00E+00	8.32E-09
216	463167.93	3773743.48	1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	7.86E-09	0.00E+00	0.00E+00	0.00E+00	7.86E-09
217	463154.85	3773749.47	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	7.42E-09	0.00E+00	0.00E+00	0.00E+00	7.42E-09
218	463141.77	3773755.47	1.07E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-07	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	7.00E-09	0.00E+00	0.00E+00	0.00E+00	7.00E-09
219	463128.69	3773761.46	1.00E-07	0.00E+00	0.00E+00	0.00E+00	1.00E-07	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08	6.59E-09	0.00E+00	0.00E+00	0.00E+00	6.59E-09
220	463115.61	3773767.45	9.44E-08	0.00E+00	0.00E+00	0.00E+00	9.44E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	6.19E-09	0.00E+00	0.00E+00	0.00E+00	6.19E-09
221	463102.53	3773773.44	8.88E-08	0.00E+00	0.00E+00	0.00E+00	8.88E-08	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	5.82E-09	0.00E+00	0.00E+00	0.00E+00	5.82E-09
222	463089.45	3773779.44	8.35E-08	0.00E+00	0.00E+00	0.00E+00	8.35E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	5.48E-09	0.00E+00	0.00E+00	0.00E+00	5.48E-09
223	463076.37	3773785.43	7.86E-08	0.00E+00	0.00E+00	0.00E+00	7.86E-08	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	5.16E-09	0.00E+00	0.00E+00	0.00E+00	5.16E-09
224	463063.28	3773791.42	7.39E-08	0.00E+00	0.00E+00	0.00E+00	7.39E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	4.85E-09	0.00E+00	0.00E+00	0.00E+00	4.85E-09

225	463050.2	3773797.42	6.95E-08	0.00E+00	0.00E+00	0.00E+00	6.95E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	4.56E-09	0.00E+00	0.00E+00	0.00E+00	4.56E-09
226	463037.12	3773803.41	6.52E-08	0.00E+00	0.00E+00	0.00E+00	6.52E-08	9.98E-09	0.00E+00	0.00E+00	0.00E+00	9.98E-09	4.28E-09	0.00E+00	0.00E+00	0.00E+00	4.28E-09
227	463440.85	3773615.11	2.56E-07	0.00E+00	0.00E+00	0.00E+00	2.56E-07	3.91E-08	0.00E+00	0.00E+00	0.00E+00	3.91E-08	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08
228	463452.22	3773643.24	2.27E-07	0.00E+00	0.00E+00	0.00E+00	2.27E-07	3.48E-08	0.00E+00	0.00E+00	0.00E+00	3.48E-08	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08
229	463439.05	3773649.27	2.25E-07	0.00E+00	0.00E+00	0.00E+00	2.25E-07	3.45E-08	0.00E+00	0.00E+00	0.00E+00	3.45E-08	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08
230	463399.54	3773667.37	2.15E-07	0.00E+00	0.00E+00	0.00E+00	2.15E-07	3.29E-08	0.00E+00	0.00E+00	0.00E+00	3.29E-08	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08
231	463386.37	3773673.41	2.10E-07	0.00E+00	0.00E+00	0.00E+00	2.10E-07	3.22E-08	0.00E+00	0.00E+00	0.00E+00	3.22E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08
232	463373.2	3773679.44	2.05E-07	0.00E+00	0.00E+00	0.00E+00	2.05E-07	3.14E-08	0.00E+00	0.00E+00	0.00E+00	3.14E-08	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08
233	463360.03	3773685.47	1.99E-07	0.00E+00	0.00E+00	0.00E+00	1.99E-07	3.05E-08	0.00E+00	0.00E+00	0.00E+00	3.05E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08
234	463346.86	3773691.51	1.94E-07	0.00E+00	0.00E+00	0.00E+00	1.94E-07	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08
235	463333.69	3773697.54	1.87E-07	0.00E+00	0.00E+00	0.00E+00	1.87E-07	2.87E-08	0.00E+00	0.00E+00	0.00E+00	2.87E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08
236	463320.52	3773703.58	1.81E-07	0.00E+00	0.00E+00	0.00E+00	1.81E-07	2.76E-08	0.00E+00	0.00E+00	0.00E+00	2.76E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08
237	463307.35	3773709.61	1.74E-07	0.00E+00	0.00E+00	0.00E+00	1.74E-07	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08
238	463294.18	3773715.64	1.67E-07	0.00E+00	0.00E+00	0.00E+00	1.67E-07	2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08
239	463281.01	3773721.68	1.60E-07	0.00E+00	0.00E+00	0.00E+00	1.60E-07	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08
240	463267.83	3773727.71	1.53E-07	0.00E+00	0.00E+00	0.00E+00	1.53E-07	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08
241	463254.66	3773733.75	1.46E-07	0.00E+00	0.00E+00	0.00E+00	1.46E-07	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08	9.59E-09	0.00E+00	0.00E+00	0.00E+00	9.59E-09
242	463241.49	3773739.78	1.39E-07	0.00E+00	0.00E+00	0.00E+00	1.39E-07	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	9.14E-09	0.00E+00	0.00E+00	0.00E+00	9.14E-09
243	463228.32	3773745.81	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	8.70E-09	0.00E+00	0.00E+00	0.00E+00	8.70E-09
244	463215.15	3773751.85	1.26E-07	0.00E+00	0.00E+00	0.00E+00	1.26E-07	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	8.26E-09	0.00E+00	0.00E+00	0.00E+00	8.26E-09
245	463201.98	3773757.88	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	7.83E-09	0.00E+00	0.00E+00	0.00E+00	7.83E-09
246	463188.81	3773763.91	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	7.41E-09	0.00E+00	0.00E+00	0.00E+00	7.41E-09
247	463175.64	3773769.95	1.07E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-07	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	7.01E-09	0.00E+00	0.00E+00	0.00E+00	7.01E-09
248	463162.47	3773775.98	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	6.65E-09	0.00E+00	0.00E+00	0.00E+00	6.65E-09
249	463149.3	3773782.02	9.60E-08	0.00E+00	0.00E+00	0.00E+00	9.60E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	6.30E-09	0.00E+00	0.00E+00	0.00E+00	6.30E-09
250	463136.13	3773788.05	9.04E-08	0.00E+00	0.00E+00	0.00E+00	9.04E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	5.93E-09	0.00E+00	0.00E+00	0.00E+00	5.93E-09
251	463122.96	3773794.08	8.53E-08	0.00E+00	0.00E+00	0.00E+00	8.53E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	5.59E-09	0.00E+00	0.00E+00	0.00E+00	5.59E-09
252	463109.79	3773800.12	8.05E-08	0.00E+00	0.00E+00	0.00E+00	8.05E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	5.28E-09	0.00E+00	0.00E+00	0.00E+00	5.28E-09
253	463096.62	3773806.15	7.60E-08	0.00E+00	0.00E+00	0.00E+00	7.60E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	4.98E-09	0.00E+00	0.00E+00	0.00E+00	4.98E-09
254	463083.44	3773812.19	7.16E-08	0.00E+00	0.00E+00	0.00E+00	7.16E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	4.70E-09	0.00E+00	0.00E+00	0.00E+00	4.70E-09
255	463070.27	3773818.22	6.74E-08	0.00E+00	0.00E+00	0.00E+00	6.74E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	4.43E-09	0.00E+00	0.00E+00	0.00E+00	4.43E-09
256	463057.1	3773824.25	6.35E-08	0.00E+00	0.00E+00	0.00E+00	6.35E-08	9.73E-09	0.00E+00	0.00E+00	0.00E+00	9.73E-09	4.17E-09	0.00E+00	0.00E+00	0.00E+00	4.17E-09
257	463043.93	3773830.29	5.99E-08	0.00E+00	0.00E+00	0.00E+00	5.99E-08	9.16E-09	0.00E+00	0.00E+00	0.00E+00	9.16E-09	3.93E-09	0.00E+00	0.00E+00	0.00E+00	3.93E-09
258	463463.57	3773634.7	2.31E-07	0.00E+00	0.00E+00	0.00E+00	2.31E-07	3.54E-08	0.00E+00	0.00E+00	0.00E+00	3.54E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08
259	463482.55	3773669.34	2.01E-07	0.00E+00	0.00E+00	0.00E+00	2.01E-07	3.07E-08	0.00E+00	0.00E+00	0.00E+00	3.07E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08
260	463469.45	3773675.34	1.99E-07	0.00E+00	0.00E+00	0.00E+00	1.99E-07	3.05E-08	0.00E+00	0.00E+00	0.00E+00	3.05E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08
261	463456.35	3773681.34	1.97E-07	0.00E+00	0.00E+00	0.00E+00	1.97E-07	3.01E-08	0.00E+00	0.00E+00	0.00E+00	3.01E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08
262	463443.25	3773687.35	1.94E-07	0.00E+00	0.00E+00	0.00E+00	1.94E-07	2.97E-08	0.00E+00	0.00E+00	0.00E+00	2.97E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08
263	463403.96	3773705.35	1.83E-07	0.00E+00	0.00E+00	0.00E+00	1.83E-07	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08
264	463390.86	3773711.35	1.78E-07	0.00E+00	0.00E+00	0.00E+00	1.78E-07	2.73E-08	0.00E+00	0.00E+00	0.00E+00	2.73E-08	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08
265	463377.76	3773717.35	1.74E-07	0.00E+00	0.00E+00	0.00E+00	1.74E-07	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08
266	463364.66	3773723.35	1.69E-07	0.00E+00	0.00E+00	0.00E+00	1.69E-07	2.58E-08	0.00E+00	0.00E+00	0.00E+00	2.58E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08
267	463351.56	3773729.35	1.63E-07	0.00E+00	0.00E+00	0.00E+00	1.63E-07	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08
268	463338.46	3773735.36	1.58E-07	0.00E+00	0.00E+00	0.00E+00	1.58E-07	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
269	463325.36	3773741.36	1.52E-07	0.00E+00	0.00E+00	0.00E+00	1.52E-07	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	9.97E-09	0.00E+00	0.00E+00	0.00E+00	9.97E-09
270	463312.26	3773747.36	1.46E-07	0.00E+00	0.00E+00	0.00E+00	1.46E-07	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08	9.59E-09	0.00E+00	0.00E+00	0.00E+00	9.59E-09
271	463299.16	3773753.36	1.40E-07	0.00E+00	0.00E+00	0.00E+00	1.40E-07	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	9.21E-09	0.00E+00	0.00E+00	0.00E+00	9.21E-09
272	463286.06	3773759.36	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.82E-09	0.00E+00	0.00E+00	0.00E+00	8.82E-09
273	463272.96	3773765.36	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08	8.44E-09	0.00E+00	0.00E+00	0.00E+00	8.44E-09
274	463259.86	3773771.36	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	8.06E-09	0.00E+00	0.00E+00	0.00E+00	8.06E-09
275	463246.76	3773777.37	1.17E-07	0.00E+00	0.00E+00	0.00E+00	1.17E-07	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	7.68E-09	0.00E+00	0.00E+00	0.00E+00	7.68E-09
276	463233.66	3773783.37	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	7.33E-09	0.00E+00	0.00E+00	0.00E+00	7.33E-09
277	463220.56	3773789.37	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	6.98E-09	0.00E+00	0.00E+00	0.00E+00	6.98E-09
278	463207.46	3773795.37	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	6.64E-09	0.00E+00	0.00E+00	0.00E+00	6.64E-09
279	463194.36	3773801.37	9.62E-08	0.00E+00	0.00E+00	0.00E+00	9.62E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	6.31E-09	0.00E+00	0.00E+00	0.00E+00	6.31E-09
280	463181.26	3773807.37	9.14E-08	0.00E+00	0.00E+00	0.00E+00	9.14E-08	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	6.00E-09	0.00E+00	0.00E+00	0.00E+00	6.00E-09
281	463168.16	3773813.37	8.66E-08	0.00E+00	0.00E+00	0.00E+00	8.66E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	5.69E-09	0.00E+00	0.00E+00	0.00E+00	5.69E-09

282	463155.06	3773819.37	8.21E-08	0.00E+00	0.00E+00	0.00E+00	8.21E-08	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	5.39E-09	0.00E+00	0.00E+00	0.00E+00	5.39E-09
283	463141.97	3773825.38	7.78E-08	0.00E+00	0.00E+00	0.00E+00	7.78E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	5.11E-09	0.00E+00	0.00E+00	0.00E+00	5.11E-09
284	463128.87	3773831.38	7.37E-08	0.00E+00	0.00E+00	0.00E+00	7.37E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	4.83E-09	0.00E+00	0.00E+00	0.00E+00	4.83E-09
285	463115.77	3773837.38	6.98E-08	0.00E+00	0.00E+00	0.00E+00	6.98E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	4.58E-09	0.00E+00	0.00E+00	0.00E+00	4.58E-09
286	463102.67	3773843.38	6.61E-08	0.00E+00	0.00E+00	0.00E+00	6.61E-08	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	4.34E-09	0.00E+00	0.00E+00	0.00E+00	4.34E-09
287	463089.57	3773849.38	6.26E-08	0.00E+00	0.00E+00	0.00E+00	6.26E-08	9.59E-09	0.00E+00	0.00E+00	0.00E+00	9.59E-09	4.11E-09	0.00E+00	0.00E+00	0.00E+00	4.11E-09
288	463076.47	3773855.38	5.93E-08	0.00E+00	0.00E+00	0.00E+00	5.93E-08	9.08E-09	0.00E+00	0.00E+00	0.00E+00	9.08E-09	3.89E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-09
289	463063.37	3773861.38	5.62E-08	0.00E+00	0.00E+00	0.00E+00	5.62E-08	8.60E-09	0.00E+00	0.00E+00	0.00E+00	8.60E-09	3.69E-09	0.00E+00	0.00E+00	0.00E+00	3.69E-09
290	463050.27	3773867.39	5.31E-08	0.00E+00	0.00E+00	0.00E+00	5.31E-08	8.13E-09	0.00E+00	0.00E+00	0.00E+00	8.13E-09	3.49E-09	0.00E+00	0.00E+00	0.00E+00	3.49E-09
291	463037.17	3773873.39	5.02E-08	0.00E+00	0.00E+00	0.00E+00	5.02E-08	7.68E-09	0.00E+00	0.00E+00	0.00E+00	7.68E-09	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09
292	463493.86	3773660.82	2.04E-07	0.00E+00	0.00E+00	0.00E+00	2.04E-07	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08
293	463512.79	3773695.49	1.79E-07	0.00E+00	0.00E+00	0.00E+00	1.79E-07	2.73E-08	0.00E+00	0.00E+00	0.00E+00	2.73E-08	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08
294	463499.59	3773701.54	1.77E-07	0.00E+00	0.00E+00	0.00E+00	1.77E-07	2.71E-08	0.00E+00	0.00E+00	0.00E+00	2.71E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08
295	463486.38	3773707.59	1.75E-07	0.00E+00	0.00E+00	0.00E+00	1.75E-07	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08
296	463473.18	3773713.64	1.73E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-07	2.64E-08	0.00E+00	0.00E+00	0.00E+00	2.64E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08
297	463459.97	3773719.69	1.70E-07	0.00E+00	0.00E+00	0.00E+00	1.70E-07	2.60E-08	0.00E+00	0.00E+00	0.00E+00	2.60E-08	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08
298	463446.77	3773725.73	1.67E-07	0.00E+00	0.00E+00	0.00E+00	1.67E-07	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08
299	463407.16	3773743.88	1.57E-07	0.00E+00	0.00E+00	0.00E+00	1.57E-07	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
300	463393.95	3773749.93	1.52E-07	0.00E+00	0.00E+00	0.00E+00	1.52E-07	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08	9.99E-09	0.00E+00	0.00E+00	0.00E+00	9.99E-09
301	463380.75	3773755.98	1.48E-07	0.00E+00	0.00E+00	0.00E+00	1.48E-07	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08	9.69E-09	0.00E+00	0.00E+00	0.00E+00	9.69E-09
302	463367.54	3773762.03	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	9.37E-09	0.00E+00	0.00E+00	0.00E+00	9.37E-09
303	463354.34	3773768.08	1.38E-07	0.00E+00	0.00E+00	0.00E+00	1.38E-07	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	9.06E-09	0.00E+00	0.00E+00	0.00E+00	9.06E-09
304	463341.13	3773774.13	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	8.75E-09	0.00E+00	0.00E+00	0.00E+00	8.75E-09
305	463327.93	3773780.18	1.28E-07	0.00E+00	0.00E+00	0.00E+00	1.28E-07	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	8.42E-09	0.00E+00	0.00E+00	0.00E+00	8.42E-09
306	463314.73	3773786.23	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	8.08E-09	0.00E+00	0.00E+00	0.00E+00	8.08E-09
307	463301.52	3773792.28	1.18E-07	0.00E+00	0.00E+00	0.00E+00	1.18E-07	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	7.75E-09	0.00E+00	0.00E+00	0.00E+00	7.75E-09
308	463288.32	3773798.33	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	7.43E-09	0.00E+00	0.00E+00	0.00E+00	7.43E-09
309	463275.11	3773804.38	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08	7.11E-09	0.00E+00	0.00E+00	0.00E+00	7.11E-09
310	463261.91	3773810.43	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	6.80E-09	0.00E+00	0.00E+00	0.00E+00	6.80E-09
311	463248.7	3773816.48	9.89E-08	0.00E+00	0.00E+00	0.00E+00	9.89E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	6.49E-09	0.00E+00	0.00E+00	0.00E+00	6.49E-09
312	463235.5	3773822.53	9.43E-08	0.00E+00	0.00E+00	0.00E+00	9.43E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	6.19E-09	0.00E+00	0.00E+00	0.00E+00	6.19E-09
313	463222.29	3773828.57	8.98E-08	0.00E+00	0.00E+00	0.00E+00	8.98E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	5.89E-09	0.00E+00	0.00E+00	0.00E+00	5.89E-09
314	463209.09	3773834.62	8.55E-08	0.00E+00	0.00E+00	0.00E+00	8.55E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	5.61E-09	0.00E+00	0.00E+00	0.00E+00	5.61E-09
315	463195.89	3773840.67	8.14E-08	0.00E+00	0.00E+00	0.00E+00	8.14E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	5.34E-09	0.00E+00	0.00E+00	0.00E+00	5.34E-09
316	463182.68	3773846.72	7.75E-08	0.00E+00	0.00E+00	0.00E+00	7.75E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	5.09E-09	0.00E+00	0.00E+00	0.00E+00	5.09E-09
317	463169.48	3773852.77	7.38E-08	0.00E+00	0.00E+00	0.00E+00	7.38E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	4.84E-09	0.00E+00	0.00E+00	0.00E+00	4.84E-09
318	463156.27	3773858.82	7.02E-08	0.00E+00	0.00E+00	0.00E+00	7.02E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	4.60E-09	0.00E+00	0.00E+00	0.00E+00	4.60E-09
319	463143.07	3773864.87	6.67E-08	0.00E+00	0.00E+00	0.00E+00	6.67E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	4.38E-09	0.00E+00	0.00E+00	0.00E+00	4.38E-09
320	463129.86	3773870.92	6.34E-08	0.00E+00	0.00E+00	0.00E+00	6.34E-08	9.70E-09	0.00E+00	0.00E+00	0.00E+00	9.70E-09	4.16E-09	0.00E+00	0.00E+00	0.00E+00	4.16E-09
321	463524.16	3773686.94	1.81E-07	0.00E+00	0.00E+00	0.00E+00	1.81E-07	2.78E-08	0.00E+00	0.00E+00	0.00E+00	2.78E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08
322	463543.12	3773721.59	1.60E-07	0.00E+00	0.00E+00	0.00E+00	1.60E-07	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08
323	463529.98	3773727.61	1.59E-07	0.00E+00	0.00E+00	0.00E+00	1.59E-07	2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08
324	463516.84	3773733.63	1.57E-07	0.00E+00	0.00E+00	0.00E+00	1.57E-07	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
325	463503.7	3773739.65	1.55E-07	0.00E+00	0.00E+00	0.00E+00	1.55E-07	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.38E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08
326	463490.56	3773745.67	1.53E-07	0.00E+00	0.00E+00	0.00E+00	1.53E-07	2.35E-08	0.00E+00	0.00E+00	0.00E+00	2.35E-08	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08
327	463477.42	3773751.69	1.51E-07	0.00E+00	0.00E+00	0.00E+00	1.51E-07	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.31E-08	9.89E-09	0.00E+00	0.00E+00	0.00E+00	9.89E-09
328	463464.28	3773757.71	1.48E-07	0.00E+00	0.00E+00	0.00E+00	1.48E-07	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08	9.70E-09	0.00E+00	0.00E+00	0.00E+00	9.70E-09
329	463451.15	3773763.73	1.45E-07	0.00E+00	0.00E+00	0.00E+00	1.45E-07	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08	9.50E-09	0.00E+00	0.00E+00	0.00E+00	9.50E-09
330	463398.59	3773787.81	1.31E-07	0.00E+00	0.00E+00	0.00E+00	1.31E-07	2.00E-08	0.00E+00	0.00E+00	0.00E+00	2.00E-08	8.57E-09	0.00E+00	0.00E+00	0.00E+00	8.57E-09
331	463385.45	3773793.83	1.27E-07	0.00E+00	0.00E+00	0.00E+00	1.27E-07	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08	8.32E-09	0.00E+00	0.00E+00	0.00E+00	8.32E-09
332	463372.31	3773799.85	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	8.05E-09	0.00E+00	0.00E+00	0.00E+00	8.05E-09
333	463359.17	3773805.87	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	7.79E-09	0.00E+00	0.00E+00	0.00E+00	7.79E-09
334	463346.03	3773811.89	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	7.49E-09	0.00E+00	0.00E+00	0.00E+00	7.49E-09
335	463332.89	3773817.9	1.10E-07	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	7.21E-09	0.00E+00	0.00E+00	0.00E+00	7.21E-09
336	463319.76	3773823.92	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	6.94E-09	0.00E+00	0.00E+00	0.00E+00	6.94E-09
337	463306.62	3773829.94	1.02E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-07	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	6.67E-09	0.00E+00	0.00E+00	0.00E+00	6.67E-09
338	463293.48	3773835.96	9.75E-08	0.00E+00	0.00E+00	0.00E+00	9.75E-08	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	6.40E-09	0.00E+00	0.00E+00	0.00E+00	6.40E-09

339	463280.34	3773841.98	9.34E-08	0.00E+00	0.00E+00	0.00E+00	9.34E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	6.13E-09	0.00E+00	0.00E+00	0.00E+00	6.13E-09
340	463267.2	3773848	8.94E-08	0.00E+00	0.00E+00	0.00E+00	8.94E-08	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	5.87E-09	0.00E+00	0.00E+00	0.00E+00	5.87E-09
341	463254.06	3773854.02	8.54E-08	0.00E+00	0.00E+00	0.00E+00	8.54E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	5.60E-09	0.00E+00	0.00E+00	0.00E+00	5.60E-09
342	463240.92	3773860.04	8.16E-08	0.00E+00	0.00E+00	0.00E+00	8.16E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	5.36E-09	0.00E+00	0.00E+00	0.00E+00	5.36E-09
343	463227.78	3773866.06	7.80E-08	0.00E+00	0.00E+00	0.00E+00	7.80E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	5.12E-09	0.00E+00	0.00E+00	0.00E+00	5.12E-09
344	463554.45	3773713.06	1.62E-07	0.00E+00	0.00E+00	0.00E+00	1.62E-07	2.49E-08	0.00E+00	0.00E+00	0.00E+00	2.49E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08
345	463573.36	3773747.74	1.44E-07	0.00E+00	0.00E+00	0.00E+00	1.44E-07	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	9.46E-09	0.00E+00	0.00E+00	0.00E+00	9.46E-09
346	463560.13	3773753.8	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	9.39E-09	0.00E+00	0.00E+00	0.00E+00	9.39E-09
347	463546.9	3773759.86	1.42E-07	0.00E+00	0.00E+00	0.00E+00	1.42E-07	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	9.30E-09	0.00E+00	0.00E+00	0.00E+00	9.30E-09
348	463533.67	3773765.92	1.40E-07	0.00E+00	0.00E+00	0.00E+00	1.40E-07	2.14E-08	0.00E+00	0.00E+00	0.00E+00	2.14E-08	9.19E-09	0.00E+00	0.00E+00	0.00E+00	9.19E-09
349	463520.44	3773771.98	1.38E-07	0.00E+00	0.00E+00	0.00E+00	1.38E-07	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08	9.07E-09	0.00E+00	0.00E+00	0.00E+00	9.07E-09
350	463507.21	3773778.05	1.36E-07	0.00E+00	0.00E+00	0.00E+00	1.36E-07	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08	8.93E-09	0.00E+00	0.00E+00	0.00E+00	8.93E-09
351	463493.98	3773784.11	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	8.78E-09	0.00E+00	0.00E+00	0.00E+00	8.78E-09
352	463480.75	3773790.17	1.31E-07	0.00E+00	0.00E+00	0.00E+00	1.31E-07	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	8.62E-09	0.00E+00	0.00E+00	0.00E+00	8.62E-09
353	463467.51	3773796.23	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08	8.44E-09	0.00E+00	0.00E+00	0.00E+00	8.44E-09
354	463454.28	3773802.29	1.26E-07	0.00E+00	0.00E+00	0.00E+00	1.26E-07	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	8.25E-09	0.00E+00	0.00E+00	0.00E+00	8.25E-09
355	463441.05	3773808.35	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	8.05E-09	0.00E+00	0.00E+00	0.00E+00	8.05E-09
356	463401.36	3773826.54	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	7.38E-09	0.00E+00	0.00E+00	0.00E+00	7.38E-09
357	463388.13	3773832.6	1.09E-07	0.00E+00	0.00E+00	0.00E+00	1.09E-07	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	7.14E-09	0.00E+00	0.00E+00	0.00E+00	7.14E-09
358	463374.9	3773838.66	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	6.91E-09	0.00E+00	0.00E+00	0.00E+00	6.91E-09
359	463361.66	3773844.72	1.02E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-07	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	6.67E-09	0.00E+00	0.00E+00	0.00E+00	6.67E-09
360	463348.43	3773850.79	9.81E-08	0.00E+00	0.00E+00	0.00E+00	9.81E-08	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	6.44E-09	0.00E+00	0.00E+00	0.00E+00	6.44E-09
361	463335.2	3773856.85	9.45E-08	0.00E+00	0.00E+00	0.00E+00	9.45E-08	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08	6.20E-09	0.00E+00	0.00E+00	0.00E+00	6.20E-09
362	463321.97	3773862.91	9.09E-08	0.00E+00	0.00E+00	0.00E+00	9.09E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	5.96E-09	0.00E+00	0.00E+00	0.00E+00	5.96E-09
363	463308.74	3773868.97	8.71E-08	0.00E+00	0.00E+00	0.00E+00	8.71E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	5.72E-09	0.00E+00	0.00E+00	0.00E+00	5.72E-09
364	463584.74	3773739.19	1.46E-07	0.00E+00	0.00E+00	0.00E+00	1.46E-07	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08	9.60E-09	0.00E+00	0.00E+00	0.00E+00	9.60E-09
365	463603.69	3773773.85	1.31E-07	0.00E+00	0.00E+00	0.00E+00	1.31E-07	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	8.60E-09	0.00E+00	0.00E+00	0.00E+00	8.60E-09
366	463590.52	3773779.88	1.30E-07	0.00E+00	0.00E+00	0.00E+00	1.30E-07	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	8.53E-09	0.00E+00	0.00E+00	0.00E+00	8.53E-09
367	463577.35	3773785.91	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08	8.45E-09	0.00E+00	0.00E+00	0.00E+00	8.45E-09
368	463564.18	3773791.95	1.27E-07	0.00E+00	0.00E+00	0.00E+00	1.27E-07	1.95E-08	0.00E+00	0.00E+00	0.00E+00	1.95E-08	8.36E-09	0.00E+00	0.00E+00	0.00E+00	8.36E-09
369	463551	3773797.98	1.26E-07	0.00E+00	0.00E+00	0.00E+00	1.26E-07	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	8.26E-09	0.00E+00	0.00E+00	0.00E+00	8.26E-09
370	463537.83	3773804.02	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	8.15E-09	0.00E+00	0.00E+00	0.00E+00	8.15E-09
371	463524.66	3773810.05	1.22E-07	0.00E+00	0.00E+00	0.00E+00	1.22E-07	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	8.02E-09	0.00E+00	0.00E+00	0.00E+00	8.02E-09
372	463511.49	3773816.08	1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	7.87E-09	0.00E+00	0.00E+00	0.00E+00	7.87E-09
373	463498.32	3773822.12	1.18E-07	0.00E+00	0.00E+00	0.00E+00	1.18E-07	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08	7.72E-09	0.00E+00	0.00E+00	0.00E+00	7.72E-09
374	463485.15	3773828.15	1.15E-07	0.00E+00	0.00E+00	0.00E+00	1.15E-07	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	7.55E-09	0.00E+00	0.00E+00	0.00E+00	7.55E-09
375	463471.98	3773834.18	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	7.38E-09	0.00E+00	0.00E+00	0.00E+00	7.38E-09
376	463458.81	3773840.22	1.10E-07	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	7.20E-09	0.00E+00	0.00E+00	0.00E+00	7.20E-09
377	463445.64	3773846.25	1.07E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-07	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	7.02E-09	0.00E+00	0.00E+00	0.00E+00	7.02E-09
378	463406.13	3773864.35	9.81E-08	0.00E+00	0.00E+00	0.00E+00	9.81E-08	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	6.44E-09	0.00E+00	0.00E+00	0.00E+00	6.44E-09
379	463615.03	3773765.31	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	8.71E-09	0.00E+00	0.00E+00	0.00E+00	8.71E-09
380	463633.94	3773799.99	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	7.83E-09	0.00E+00	0.00E+00	0.00E+00	7.83E-09
381	463620.69	3773806.06	1.18E-07	0.00E+00	0.00E+00	0.00E+00	1.18E-07	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	7.77E-09	0.00E+00	0.00E+00	0.00E+00	7.77E-09
382	463607.43	3773812.13	1.18E-07	0.00E+00	0.00E+00	0.00E+00	1.18E-07	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08	7.71E-09	0.00E+00	0.00E+00	0.00E+00	7.71E-09
383	463594.18	3773818.2	1.16E-07	0.00E+00	0.00E+00	0.00E+00	1.16E-07	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	7.64E-09	0.00E+00	0.00E+00	0.00E+00	7.64E-09
384	463580.93	3773824.27	1.15E-07	0.00E+00	0.00E+00	0.00E+00	1.15E-07	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	7.55E-09	0.00E+00	0.00E+00	0.00E+00	7.55E-09
385	463567.67	3773830.34	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	7.44E-09	0.00E+00	0.00E+00	0.00E+00	7.44E-09
386	463554.42	3773836.42	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	7.32E-09	0.00E+00	0.00E+00	0.00E+00	7.32E-09
387	463541.17	3773842.49	1.10E-07	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	7.21E-09	0.00E+00	0.00E+00	0.00E+00	7.21E-09
388	463527.91	3773848.56	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	7.08E-09	0.00E+00	0.00E+00	0.00E+00	7.08E-09
389	463514.66	3773854.63	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	6.94E-09	0.00E+00	0.00E+00	0.00E+00	6.94E-09
390	463501.41	3773860.7	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	6.80E-09	0.00E+00	0.00E+00	0.00E+00	6.80E-09
391	463488.16	3773866.77	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	6.65E-09	0.00E+00	0.00E+00	0.00E+00	6.65E-09
392	463474.9	3773872.85	9.88E-08	0.00E+00	0.00E+00	0.00E+00	9.88E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	6.48E-09	0.00E+00	0.00E+00	0.00E+00	6.48E-09
393	463461.65	3773878.92	9.62E-08	0.00E+00	0.00E+00	0.00E+00	9.62E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	6.31E-09	0.00E+00	0.00E+00	0.00E+00	6.31E-09
394	463448.4	3773884.99	9.35E-08	0.00E+00	0.00E+00	0.00E+00	9.35E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	6.14E-09	0.00E+00	0.00E+00	0.00E+00	6.14E-09
395	463645.33	3773791.43	1.21E-07	0.00E+00	0.00E+00	0.00E+00	1.21E-07	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08	7.94E-09	0.00E+00	0.00E+00	0.00E+00	7.94E-09

396	463664.26	3773826.1	1.10E-07	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	7.20E-09	0.00E+00	0.00E+00	0.00E+00	7.20E-09
397	463651.06	3773832.14	1.09E-07	0.00E+00	0.00E+00	0.00E+00	1.09E-07	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	7.15E-09	0.00E+00	0.00E+00	0.00E+00	7.15E-09
398	463637.87	3773838.19	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	7.09E-09	0.00E+00	0.00E+00	0.00E+00	7.09E-09
399	463624.67	3773844.23	1.07E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-07	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	7.02E-09	0.00E+00	0.00E+00	0.00E+00	7.02E-09
400	463611.47	3773850.28	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	6.95E-09	0.00E+00	0.00E+00	0.00E+00	6.95E-09
401	463598.28	3773856.32	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	6.87E-09	0.00E+00	0.00E+00	0.00E+00	6.87E-09
402	463585.08	3773862.37	1.03E-07	0.00E+00	0.00E+00	0.00E+00	1.03E-07	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	6.77E-09	0.00E+00	0.00E+00	0.00E+00	6.77E-09
403	463571.88	3773868.42	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	6.65E-09	0.00E+00	0.00E+00	0.00E+00	6.65E-09
404	463558.69	3773874.46	9.97E-08	0.00E+00	0.00E+00	0.00E+00	9.97E-08	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	6.54E-09	0.00E+00	0.00E+00	0.00E+00	6.54E-09
405	463545.49	3773880.51	9.80E-08	0.00E+00	0.00E+00	0.00E+00	9.80E-08	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	6.43E-09	0.00E+00	0.00E+00	0.00E+00	6.43E-09
406	463532.29	3773886.55	9.61E-08	0.00E+00	0.00E+00	0.00E+00	9.61E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	6.31E-09	0.00E+00	0.00E+00	0.00E+00	6.31E-09
407	463519.1	3773892.6	9.41E-08	0.00E+00	0.00E+00	0.00E+00	9.41E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	6.17E-09	0.00E+00	0.00E+00	0.00E+00	6.17E-09
408	463505.9	3773898.65	9.19E-08	0.00E+00	0.00E+00	0.00E+00	9.19E-08	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	6.03E-09	0.00E+00	0.00E+00	0.00E+00	6.03E-09
409	463492.7	3773904.69	8.96E-08	0.00E+00	0.00E+00	0.00E+00	8.96E-08	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	5.88E-09	0.00E+00	0.00E+00	0.00E+00	5.88E-09
410	463479.5	3773910.74	8.73E-08	0.00E+00	0.00E+00	0.00E+00	8.73E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	5.73E-09	0.00E+00	0.00E+00	0.00E+00	5.73E-09
411	463466.31	3773916.78	8.50E-08	0.00E+00	0.00E+00	0.00E+00	8.50E-08	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	5.58E-09	0.00E+00	0.00E+00	0.00E+00	5.58E-09
412	463453.11	3773922.83	8.27E-08	0.00E+00	0.00E+00	0.00E+00	8.27E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	5.43E-09	0.00E+00	0.00E+00	0.00E+00	5.43E-09
413	463675.62	3773817.55	1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	7.29E-09	0.00E+00	0.00E+00	0.00E+00	7.29E-09
414	463694.58	3773852.21	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	6.64E-09	0.00E+00	0.00E+00	0.00E+00	6.64E-09
415	463681.43	3773858.23	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08	6.60E-09	0.00E+00	0.00E+00	0.00E+00	6.60E-09
416	463668.29	3773864.25	9.97E-08	0.00E+00	0.00E+00	0.00E+00	9.97E-08	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	6.54E-09	0.00E+00	0.00E+00	0.00E+00	6.54E-09
417	463655.14	3773870.27	9.88E-08	0.00E+00	0.00E+00	0.00E+00	9.88E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	6.48E-09	0.00E+00	0.00E+00	0.00E+00	6.48E-09
418	463641.99	3773876.3	9.78E-08	0.00E+00	0.00E+00	0.00E+00	9.78E-08	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	6.42E-09	0.00E+00	0.00E+00	0.00E+00	6.42E-09
419	463628.85	3773882.32	9.68E-08	0.00E+00	0.00E+00	0.00E+00	9.68E-08	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	6.35E-09	0.00E+00	0.00E+00	0.00E+00	6.35E-09
420	463615.7	3773888.34	9.55E-08	0.00E+00	0.00E+00	0.00E+00	9.55E-08	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	6.26E-09	0.00E+00	0.00E+00	0.00E+00	6.26E-09
421	463602.56	3773894.36	9.40E-08	0.00E+00	0.00E+00	0.00E+00	9.40E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	6.17E-09	0.00E+00	0.00E+00	0.00E+00	6.17E-09
422	463589.41	3773900.39	9.25E-08	0.00E+00	0.00E+00	0.00E+00	9.25E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	6.07E-09	0.00E+00	0.00E+00	0.00E+00	6.07E-09
423	463576.27	3773906.41	9.10E-08	0.00E+00	0.00E+00	0.00E+00	9.10E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	5.97E-09	0.00E+00	0.00E+00	0.00E+00	5.97E-09
424	463563.12	3773912.43	8.94E-08	0.00E+00	0.00E+00	0.00E+00	8.94E-08	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	5.87E-09	0.00E+00	0.00E+00	0.00E+00	5.87E-09
425	463549.97	3773918.45	8.77E-08	0.00E+00	0.00E+00	0.00E+00	8.77E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	5.75E-09	0.00E+00	0.00E+00	0.00E+00	5.75E-09
426	463536.83	3773924.48	8.59E-08	0.00E+00	0.00E+00	0.00E+00	8.59E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	5.63E-09	0.00E+00	0.00E+00	0.00E+00	5.63E-09
427	463523.68	3773930.5	8.38E-08	0.00E+00	0.00E+00	0.00E+00	8.38E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	5.50E-09	0.00E+00	0.00E+00	0.00E+00	5.50E-09
428	463705.91	3773843.67	1.02E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-07	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	6.71E-09	0.00E+00	0.00E+00	0.00E+00	6.71E-09
429	463724.83	3773878.34	9.35E-08	0.00E+00	0.00E+00	0.00E+00	9.35E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	6.13E-09	0.00E+00	0.00E+00	0.00E+00	6.13E-09
430	463711.62	3773884.4	9.29E-08	0.00E+00	0.00E+00	0.00E+00	9.29E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	6.10E-09	0.00E+00	0.00E+00	0.00E+00	6.10E-09
431	463698.4	3773890.46	9.23E-08	0.00E+00	0.00E+00	0.00E+00	9.23E-08	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	6.05E-09	0.00E+00	0.00E+00	0.00E+00	6.05E-09
432	463685.18	3773896.51	9.15E-08	0.00E+00	0.00E+00	0.00E+00	9.15E-08	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	6.00E-09	0.00E+00	0.00E+00	0.00E+00	6.00E-09
433	463671.96	3773902.57	9.07E-08	0.00E+00	0.00E+00	0.00E+00	9.07E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	5.95E-09	0.00E+00	0.00E+00	0.00E+00	5.95E-09
434	463658.74	3773908.62	8.98E-08	0.00E+00	0.00E+00	0.00E+00	8.98E-08	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	5.89E-09	0.00E+00	0.00E+00	0.00E+00	5.89E-09
435	463645.52	3773914.68	8.87E-08	0.00E+00	0.00E+00	0.00E+00	8.87E-08	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	5.82E-09	0.00E+00	0.00E+00	0.00E+00	5.82E-09
436	463632.3	3773920.74	8.76E-08	0.00E+00	0.00E+00	0.00E+00	8.76E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	5.75E-09	0.00E+00	0.00E+00	0.00E+00	5.75E-09
437	463619.09	3773926.79	8.62E-08	0.00E+00	0.00E+00	0.00E+00	8.62E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	5.66E-09	0.00E+00	0.00E+00	0.00E+00	5.66E-09
438	463736.2	3773869.8	9.45E-08	0.00E+00	0.00E+00	0.00E+00	9.45E-08	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08	6.20E-09	0.00E+00	0.00E+00	0.00E+00	6.20E-09
439	463755.15	3773904.46	8.66E-08	0.00E+00	0.00E+00	0.00E+00	8.66E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	5.68E-09	0.00E+00	0.00E+00	0.00E+00	5.68E-09
440	463741.98	3773910.49	8.62E-08	0.00E+00	0.00E+00	0.00E+00	8.62E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	5.66E-09	0.00E+00	0.00E+00	0.00E+00	5.66E-09
441	463728.81	3773916.52	8.57E-08	0.00E+00	0.00E+00	0.00E+00	8.57E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	5.62E-09	0.00E+00	0.00E+00	0.00E+00	5.62E-09
442	463715.64	3773922.56	8.51E-08	0.00E+00	0.00E+00	0.00E+00	8.51E-08	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	5.58E-09	0.00E+00	0.00E+00	0.00E+00	5.58E-09
443	463702.47	3773928.59	8.44E-08	0.00E+00	0.00E+00	0.00E+00	8.44E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	5.54E-09	0.00E+00	0.00E+00	0.00E+00	5.54E-09
444	463766.5	3773895.92	8.75E-08	0.00E+00	0.00E+00	0.00E+00	8.75E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	5.74E-09	0.00E+00	0.00E+00	0.00E+00	5.74E-09
445	463307.8	3773488.75	5.48E-07	0.00E+00	0.00E+00	0.00E+00	5.48E-07	8.39E-08	0.00E+00	0.00E+00	0.00E+00	8.39E-08	3.59E-08	0.00E+00	0.00E+00	0.00E+00	3.59E-08
446	463336.81	3773491.36	5.06E-07	0.00E+00	0.00E+00	0.00E+00	5.06E-07	7.75E-08	0.00E+00	0.00E+00	0.00E+00	7.75E-08	3.32E-08	0.00E+00	0.00E+00	0.00E+00	3.32E-08
447	463333.62	3773499.95	4.91E-07	0.00E+00	0.00E+00	0.00E+00	4.91E-07	7.52E-08	0.00E+00	0.00E+00	0.00E+00	7.52E-08	3.22E-08	0.00E+00	0.00E+00	0.00E+00	3.22E-08
448	463330.44	3773508.55	4.76E-07	0.00E+00	0.00E+00	0.00E+00	4.76E-07	7.28E-08	0.00E+00	0.00E+00	0.00E+00	7.28E-08	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08
449	463366.03	3773493.39	4.67E-07	0.00E+00	0.00E+00	0.00E+00	4.67E-07	7.14E-08	0.00E+00	0.00E+00	0.00E+00	7.14E-08	3.06E-08	0.00E+00	0.00E+00	0.00E+00	3.06E-08
450	463362.82	3773502.06	4.55E-07	0.00E+00	0.00E+00	0.00E+00	4.55E-07	6.96E-08	0.00E+00	0.00E+00	0.00E+00	6.96E-08	2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08
451	463359.61	3773510.73	4.43E-07	0.00E+00	0.00E+00	0.00E+00	4.43E-07	6.77E-08	0.00E+00	0.00E+00	0.00E+00	6.77E-08	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08
452	463356.4	3773519.4	4.30E-07	0.00E+00	0.00E+00	0.00E+00	4.30E-07	6.58E-08	0.00E+00	0.00E+00	0.00E+00	6.58E-08	2.82E-08	0.00E+00	0.00E+00	0.00E+00	2.82E-08

453	463353.18	3773528.07	4.17E-07	0.00E+00	0.00E+00	0.00E+00	4.17E-07	6.38E-08	0.00E+00	0.00E+00	0.00E+00	6.38E-08	2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08
454	463395.34	3773495.19	4.30E-07	0.00E+00	0.00E+00	0.00E+00	4.30E-07	6.58E-08	0.00E+00	0.00E+00	0.00E+00	6.58E-08	2.82E-08	0.00E+00	0.00E+00	0.00E+00	2.82E-08
455	463392.11	3773503.93	4.20E-07	0.00E+00	0.00E+00	0.00E+00	4.20E-07	6.43E-08	0.00E+00	0.00E+00	0.00E+00	6.43E-08	2.76E-08	0.00E+00	0.00E+00	0.00E+00	2.76E-08
456	463388.87	3773512.66	4.10E-07	0.00E+00	0.00E+00	0.00E+00	4.10E-07	6.28E-08	0.00E+00	0.00E+00	0.00E+00	6.28E-08	2.69E-08	0.00E+00	0.00E+00	0.00E+00	2.69E-08
457	463385.63	3773521.4	4.00E-07	0.00E+00	0.00E+00	0.00E+00	4.00E-07	6.13E-08	0.00E+00	0.00E+00	0.00E+00	6.13E-08	2.63E-08	0.00E+00	0.00E+00	0.00E+00	2.63E-08
458	463382.4	3773530.13	3.90E-07	0.00E+00	0.00E+00	0.00E+00	3.90E-07	5.97E-08	0.00E+00	0.00E+00	0.00E+00	5.97E-08	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08
459	463379.16	3773538.86	3.79E-07	0.00E+00	0.00E+00	0.00E+00	3.79E-07	5.81E-08	0.00E+00	0.00E+00	0.00E+00	5.81E-08	2.49E-08	0.00E+00	0.00E+00	0.00E+00	2.49E-08
460	463375.93	3773547.6	3.68E-07	0.00E+00	0.00E+00	0.00E+00	3.68E-07	5.63E-08	0.00E+00	0.00E+00	0.00E+00	5.63E-08	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08
461	463405.18	3773549.55	3.46E-07	0.00E+00	0.00E+00	0.00E+00	3.46E-07	5.30E-08	0.00E+00	0.00E+00	0.00E+00	5.30E-08	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08
462	463401.93	3773558.34	3.37E-07	0.00E+00	0.00E+00	0.00E+00	3.37E-07	5.16E-08	0.00E+00	0.00E+00	0.00E+00	5.16E-08	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08
463	463398.67	3773567.13	3.28E-07	0.00E+00	0.00E+00	0.00E+00	3.28E-07	5.02E-08	0.00E+00	0.00E+00	0.00E+00	5.02E-08	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08
464	463456.49	3773491.98	3.66E-07	0.00E+00	0.00E+00	0.00E+00	3.66E-07	5.60E-08	0.00E+00	0.00E+00	0.00E+00	5.60E-08	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08
465	463453.29	3773500.61	3.61E-07	0.00E+00	0.00E+00	0.00E+00	3.61E-07	5.53E-08	0.00E+00	0.00E+00	0.00E+00	5.53E-08	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08
466	463450.09	3773509.24	3.57E-07	0.00E+00	0.00E+00	0.00E+00	3.57E-07	5.46E-08	0.00E+00	0.00E+00	0.00E+00	5.46E-08	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08
467	463446.9	3773517.87	3.51E-07	0.00E+00	0.00E+00	0.00E+00	3.51E-07	5.37E-08	0.00E+00	0.00E+00	0.00E+00	5.37E-08	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08
468	463443.7	3773526.49	3.45E-07	0.00E+00	0.00E+00	0.00E+00	3.45E-07	5.28E-08	0.00E+00	0.00E+00	0.00E+00	5.28E-08	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08
469	463440.5	3773535.12	3.38E-07	0.00E+00	0.00E+00	0.00E+00	3.38E-07	5.18E-08	0.00E+00	0.00E+00	0.00E+00	5.18E-08	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08
470	463437.31	3773543.75	3.31E-07	0.00E+00	0.00E+00	0.00E+00	3.31E-07	5.07E-08	0.00E+00	0.00E+00	0.00E+00	5.07E-08	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08
471	463485.89	3773493.54	3.35E-07	0.00E+00	0.00E+00	0.00E+00	3.35E-07	5.12E-08	0.00E+00	0.00E+00	0.00E+00	5.12E-08	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08
472	463482.67	3773502.22	3.32E-07	0.00E+00	0.00E+00	0.00E+00	3.32E-07	5.08E-08	0.00E+00	0.00E+00	0.00E+00	5.08E-08	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08
473	463479.45	3773510.91	3.28E-07	0.00E+00	0.00E+00	0.00E+00	3.28E-07	5.02E-08	0.00E+00	0.00E+00	0.00E+00	5.02E-08	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08
474	463476.24	3773519.59	3.24E-07	0.00E+00	0.00E+00	0.00E+00	3.24E-07	4.96E-08	0.00E+00	0.00E+00	0.00E+00	4.96E-08	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08
475	463473.02	3773528.27	3.19E-07	0.00E+00	0.00E+00	0.00E+00	3.19E-07	4.89E-08	0.00E+00	0.00E+00	0.00E+00	4.89E-08	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08
476	463469.8	3773536.96	3.15E-07	0.00E+00	0.00E+00	0.00E+00	3.15E-07	4.82E-08	0.00E+00	0.00E+00	0.00E+00	4.82E-08	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08
477	463466.59	3773545.64	3.09E-07	0.00E+00	0.00E+00	0.00E+00	3.09E-07	4.73E-08	0.00E+00	0.00E+00	0.00E+00	4.73E-08	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08
478	463463.37	3773554.32	3.03E-07	0.00E+00	0.00E+00	0.00E+00	3.03E-07	4.64E-08	0.00E+00	0.00E+00	0.00E+00	4.64E-08	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08
479	463460.15	3773563.01	2.97E-07	0.00E+00	0.00E+00	0.00E+00	2.97E-07	4.55E-08	0.00E+00	0.00E+00	0.00E+00	4.55E-08	1.95E-08	0.00E+00	0.00E+00	0.00E+00	1.95E-08
480	463456.94	3773571.69	2.90E-07	0.00E+00	0.00E+00	0.00E+00	2.90E-07	4.45E-08	0.00E+00	0.00E+00	0.00E+00	4.45E-08	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08
481	463453.72	3773580.37	2.84E-07	0.00E+00	0.00E+00	0.00E+00	2.84E-07	4.34E-08	0.00E+00	0.00E+00	0.00E+00	4.34E-08	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08
482	463450.5	3773589.06	2.76E-07	0.00E+00	0.00E+00	0.00E+00	2.76E-07	4.23E-08	0.00E+00	0.00E+00	0.00E+00	4.23E-08	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08
483	463447.28	3773597.74	2.69E-07	0.00E+00	0.00E+00	0.00E+00	2.69E-07	4.12E-08	0.00E+00	0.00E+00	0.00E+00	4.12E-08	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08
484	463444.07	3773606.42	2.63E-07	0.00E+00	0.00E+00	0.00E+00	2.63E-07	4.02E-08	0.00E+00	0.00E+00	0.00E+00	4.02E-08	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08
485	463518.58	3773486.22	3.09E-07	0.00E+00	0.00E+00	0.00E+00	3.09E-07	4.73E-08	0.00E+00	0.00E+00	0.00E+00	4.73E-08	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08
486	463515.34	3773494.95	3.07E-07	0.00E+00	0.00E+00	0.00E+00	3.07E-07	4.71E-08	0.00E+00	0.00E+00	0.00E+00	4.71E-08	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08
487	463512.11	3773503.69	3.05E-07	0.00E+00	0.00E+00	0.00E+00	3.05E-07	4.68E-08	0.00E+00	0.00E+00	0.00E+00	4.68E-08	2.00E-08	0.00E+00	0.00E+00	0.00E+00	2.00E-08
488	463508.87	3773512.42	3.03E-07	0.00E+00	0.00E+00	0.00E+00	3.03E-07	4.64E-08	0.00E+00	0.00E+00	0.00E+00	4.64E-08	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08
489	463505.63	3773521.15	3.00E-07	0.00E+00	0.00E+00	0.00E+00	3.00E-07	4.59E-08	0.00E+00	0.00E+00	0.00E+00	4.59E-08	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08
490	463502.4	3773529.89	2.97E-07	0.00E+00	0.00E+00	0.00E+00	2.97E-07	4.54E-08	0.00E+00	0.00E+00	0.00E+00	4.54E-08	1.95E-08	0.00E+00	0.00E+00	0.00E+00	1.95E-08
491	463499.16	3773538.62	2.93E-07	0.00E+00	0.00E+00	0.00E+00	2.93E-07	4.48E-08	0.00E+00	0.00E+00	0.00E+00	4.48E-08	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08
492	463495.93	3773547.36	2.88E-07	0.00E+00	0.00E+00	0.00E+00	2.88E-07	4.41E-08	0.00E+00	0.00E+00	0.00E+00	4.41E-08	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08
493	463492.69	3773556.09	2.84E-07	0.00E+00	0.00E+00	0.00E+00	2.84E-07	4.34E-08	0.00E+00	0.00E+00	0.00E+00	4.34E-08	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08
494	463489.46	3773564.83	2.79E-07	0.00E+00	0.00E+00	0.00E+00	2.79E-07	4.27E-08	0.00E+00	0.00E+00	0.00E+00	4.27E-08	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08
495	463486.22	3773573.56	2.74E-07	0.00E+00	0.00E+00	0.00E+00	2.74E-07	4.19E-08	0.00E+00	0.00E+00	0.00E+00	4.19E-08	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08
496	463482.98	3773582.29	2.68E-07	0.00E+00	0.00E+00	0.00E+00	2.68E-07	4.10E-08	0.00E+00	0.00E+00	0.00E+00	4.10E-08	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08
497	463479.75	3773591.03	2.62E-07	0.00E+00	0.00E+00	0.00E+00	2.62E-07	4.02E-08	0.00E+00	0.00E+00	0.00E+00	4.02E-08	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08
498	463476.51	3773599.76	2.56E-07	0.00E+00	0.00E+00	0.00E+00	2.56E-07	3.92E-08	0.00E+00	0.00E+00	0.00E+00	3.92E-08	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08
499	463473.28	3773608.5	2.50E-07	0.00E+00	0.00E+00	0.00E+00	2.50E-07	3.83E-08	0.00E+00	0.00E+00	0.00E+00	3.83E-08	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08
500	463470.04	3773617.23	2.44E-07	0.00E+00	0.00E+00	0.00E+00	2.44E-07	3.73E-08	0.00E+00	0.00E+00	0.00E+00	3.73E-08	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08
501	463466.81	3773625.96	2.38E-07	0.00E+00	0.00E+00	0.00E+00	2.38E-07	3.64E-08	0.00E+00	0.00E+00	0.00E+00	3.64E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08
502	463558.58	3773486.14	2.74E-07	0.00E+00	0.00E+00	0.00E+00	2.74E-07	4.19E-08	0.00E+00	0.00E+00	0.00E+00	4.19E-08	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08
503	463555.34	3773494.87	2.73E-07	0.00E+00	0.00E+00	0.00E+00	2.73E-07	4.19E-08	0.00E+00	0.00E+00	0.00E+00	4.19E-08	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08
504	463552.11	3773503.61	2.73E-07	0.00E+00	0.00E+00	0.00E+00	2.73E-07	4.17E-08	0.00E+00	0.00E+00	0.00E+00	4.17E-08	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08
505	463548.87	3773512.34	2.71E-07	0.00E+00	0.00E+00	0.00E+00	2.71E-07	4.15E-08	0.00E+00	0.00E+00	0.00E+00	4.15E-08	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08
506	463545.63	3773521.07	2.70E-07	0.00E+00	0.00E+00	0.00E+00	2.70E-07	4.13E-08	0.00E+00	0.00E+00	0.00E+00	4.13E-08	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08
507	463542.4	3773529.81	2.68E-07	0.00E+00	0.00E+00	0.00E+00	2.68E-07	4.10E-08	0.00E+00	0.00E+00	0.00E+00	4.10E-08	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08
508	463539.16	3773538.54	2.65E-07	0.00E+00	0.00E+00	0.00E+00	2.65E-07	4.06E-08	0.00E+00	0.00E+00	0.00E+00	4.06E-08	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08
509	463535.93	3773547.28	2.62E-07	0.00E+00	0.00E+00	0.00E+00	2.62E-07	4.02E-08	0.00E+00	0.00E+00	0.00E+00	4.02E-08	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08

510	463532.69	3773556.01	2.59E-07	0.00E+00	0.00E+00	0.00E+00	2.59E-07	3.97E-08	0.00E+00	0.00E+00	0.00E+00	3.97E-08	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08
511	463529.46	3773564.74	2.56E-07	0.00E+00	0.00E+00	0.00E+00	2.56E-07	3.91E-08	0.00E+00	0.00E+00	0.00E+00	3.91E-08	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08
512	463526.22	3773573.48	2.52E-07	0.00E+00	0.00E+00	0.00E+00	2.52E-07	3.85E-08	0.00E+00	0.00E+00	0.00E+00	3.85E-08	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08
513	463522.98	3773582.21	2.48E-07	0.00E+00	0.00E+00	0.00E+00	2.48E-07	3.79E-08	0.00E+00	0.00E+00	0.00E+00	3.79E-08	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08
514	463519.75	3773590.95	2.43E-07	0.00E+00	0.00E+00	0.00E+00	2.43E-07	3.72E-08	0.00E+00	0.00E+00	0.00E+00	3.72E-08	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08
515	463516.51	3773599.68	2.39E-07	0.00E+00	0.00E+00	0.00E+00	2.39E-07	3.65E-08	0.00E+00	0.00E+00	0.00E+00	3.65E-08	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08
516	463513.28	3773608.42	2.34E-07	0.00E+00	0.00E+00	0.00E+00	2.34E-07	3.58E-08	0.00E+00	0.00E+00	0.00E+00	3.58E-08	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08
517	463510.04	3773617.15	2.29E-07	0.00E+00	0.00E+00	0.00E+00	2.29E-07	3.51E-08	0.00E+00	0.00E+00	0.00E+00	3.51E-08	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08
518	463506.81	3773625.88	2.24E-07	0.00E+00	0.00E+00	0.00E+00	2.24E-07	3.43E-08	0.00E+00	0.00E+00	0.00E+00	3.43E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08
519	463503.57	3773634.62	2.19E-07	0.00E+00	0.00E+00	0.00E+00	2.19E-07	3.36E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08
520	463500.33	3773643.35	2.14E-07	0.00E+00	0.00E+00	0.00E+00	2.14E-07	3.28E-08	0.00E+00	0.00E+00	0.00E+00	3.28E-08	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08
521	463497.1	3773652.09	2.09E-07	0.00E+00	0.00E+00	0.00E+00	2.09E-07	3.20E-08	0.00E+00	0.00E+00	0.00E+00	3.20E-08	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08
522	463598.58	3773486.06	2.43E-07	0.00E+00	0.00E+00	0.00E+00	2.43E-07	3.72E-08	0.00E+00	0.00E+00	0.00E+00	3.72E-08	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08
523	463595.34	3773494.79	2.43E-07	0.00E+00	0.00E+00	0.00E+00	2.43E-07	3.73E-08	0.00E+00	0.00E+00	0.00E+00	3.73E-08	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08
524	463592.11	3773503.52	2.43E-07	0.00E+00	0.00E+00	0.00E+00	2.43E-07	3.73E-08	0.00E+00	0.00E+00	0.00E+00	3.73E-08	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08
525	463588.87	3773512.26	2.43E-07	0.00E+00	0.00E+00	0.00E+00	2.43E-07	3.72E-08	0.00E+00	0.00E+00	0.00E+00	3.72E-08	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08
526	463585.63	3773520.99	2.42E-07	0.00E+00	0.00E+00	0.00E+00	2.42E-07	3.70E-08	0.00E+00	0.00E+00	0.00E+00	3.70E-08	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08
527	463582.4	3773529.73	2.41E-07	0.00E+00	0.00E+00	0.00E+00	2.41E-07	3.69E-08	0.00E+00	0.00E+00	0.00E+00	3.69E-08	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08
528	463579.16	3773538.46	2.40E-07	0.00E+00	0.00E+00	0.00E+00	2.40E-07	3.67E-08	0.00E+00	0.00E+00	0.00E+00	3.67E-08	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08
529	463575.93	3773547.2	2.38E-07	0.00E+00	0.00E+00	0.00E+00	2.38E-07	3.64E-08	0.00E+00	0.00E+00	0.00E+00	3.64E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08
530	463572.69	3773555.93	2.36E-07	0.00E+00	0.00E+00	0.00E+00	2.36E-07	3.61E-08	0.00E+00	0.00E+00	0.00E+00	3.61E-08	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08
531	463569.46	3773564.66	2.33E-07	0.00E+00	0.00E+00	0.00E+00	2.33E-07	3.57E-08	0.00E+00	0.00E+00	0.00E+00	3.57E-08	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08
532	463566.22	3773573.4	2.31E-07	0.00E+00	0.00E+00	0.00E+00	2.31E-07	3.53E-08	0.00E+00	0.00E+00	0.00E+00	3.53E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08
533	463562.98	3773582.13	2.28E-07	0.00E+00	0.00E+00	0.00E+00	2.28E-07	3.48E-08	0.00E+00	0.00E+00	0.00E+00	3.48E-08	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08
534	463559.75	3773590.87	2.24E-07	0.00E+00	0.00E+00	0.00E+00	2.24E-07	3.44E-08	0.00E+00	0.00E+00	0.00E+00	3.44E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08
535	463556.51	3773599.6	2.21E-07	0.00E+00	0.00E+00	0.00E+00	2.21E-07	3.39E-08	0.00E+00	0.00E+00	0.00E+00	3.39E-08	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08
536	463553.28	3773608.33	2.18E-07	0.00E+00	0.00E+00	0.00E+00	2.18E-07	3.33E-08	0.00E+00	0.00E+00	0.00E+00	3.33E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08
537	463550.04	3773617.07	2.14E-07	0.00E+00	0.00E+00	0.00E+00	2.14E-07	3.28E-08	0.00E+00	0.00E+00	0.00E+00	3.28E-08	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08
538	463546.81	3773625.8	2.10E-07	0.00E+00	0.00E+00	0.00E+00	2.10E-07	3.22E-08	0.00E+00	0.00E+00	0.00E+00	3.22E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08
539	463543.57	3773634.54	2.07E-07	0.00E+00	0.00E+00	0.00E+00	2.07E-07	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08
540	463540.33	3773643.27	2.03E-07	0.00E+00	0.00E+00	0.00E+00	2.03E-07	3.10E-08	0.00E+00	0.00E+00	0.00E+00	3.10E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08
541	463537.1	3773652.01	1.99E-07	0.00E+00	0.00E+00	0.00E+00	1.99E-07	3.04E-08	0.00E+00	0.00E+00	0.00E+00	3.04E-08	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08
542	463533.86	3773660.74	1.94E-07	0.00E+00	0.00E+00	0.00E+00	1.94E-07	2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08
543	463530.63	3773669.47	1.90E-07	0.00E+00	0.00E+00	0.00E+00	1.90E-07	2.91E-08	0.00E+00	0.00E+00	0.00E+00	2.91E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08
544	463527.39	3773678.21	1.86E-07	0.00E+00	0.00E+00	0.00E+00	1.86E-07	2.84E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08
545	463638.58	3773485.98	2.16E-07	0.00E+00	0.00E+00	0.00E+00	2.16E-07	3.30E-08	0.00E+00	0.00E+00	0.00E+00	3.30E-08	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08
546	463635.34	3773494.71	2.16E-07	0.00E+00	0.00E+00	0.00E+00	2.16E-07	3.31E-08	0.00E+00	0.00E+00	0.00E+00	3.31E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08
547	463632.11	3773503.44	2.17E-07	0.00E+00	0.00E+00	0.00E+00	2.17E-07	3.32E-08	0.00E+00	0.00E+00	0.00E+00	3.32E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08
548	463628.87	3773512.18	2.17E-07	0.00E+00	0.00E+00	0.00E+00	2.17E-07	3.32E-08	0.00E+00	0.00E+00	0.00E+00	3.32E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08
549	463625.63	3773520.91	2.17E-07	0.00E+00	0.00E+00	0.00E+00	2.17E-07	3.32E-08	0.00E+00	0.00E+00	0.00E+00	3.32E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08
550	463622.4	3773529.65	2.16E-07	0.00E+00	0.00E+00	0.00E+00	2.16E-07	3.31E-08	0.00E+00	0.00E+00	0.00E+00	3.31E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08
551	463619.16	3773538.38	2.16E-07	0.00E+00	0.00E+00	0.00E+00	2.16E-07	3.30E-08	0.00E+00	0.00E+00	0.00E+00	3.30E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08
552	463615.93	3773547.11	2.15E-07	0.00E+00	0.00E+00	0.00E+00	2.15E-07	3.29E-08	0.00E+00	0.00E+00	0.00E+00	3.29E-08	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08
553	463612.69	3773555.85	2.14E-07	0.00E+00	0.00E+00	0.00E+00	2.14E-07	3.27E-08	0.00E+00	0.00E+00	0.00E+00	3.27E-08	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08
554	463609.46	3773564.58	2.12E-07	0.00E+00	0.00E+00	0.00E+00	2.12E-07	3.25E-08	0.00E+00	0.00E+00	0.00E+00	3.25E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08
555	463606.22	3773573.32	2.11E-07	0.00E+00	0.00E+00	0.00E+00	2.11E-07	3.23E-08	0.00E+00	0.00E+00	0.00E+00	3.23E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08
556	463602.98	3773582.05	2.09E-07	0.00E+00	0.00E+00	0.00E+00	2.09E-07	3.19E-08	0.00E+00	0.00E+00	0.00E+00	3.19E-08	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08
557	463599.75	3773590.79	2.06E-07	0.00E+00	0.00E+00	0.00E+00	2.06E-07	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08
558	463596.51	3773599.52	2.04E-07	0.00E+00	0.00E+00	0.00E+00	2.04E-07	3.13E-08	0.00E+00	0.00E+00	0.00E+00	3.13E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08
559	463593.28	3773608.25	2.02E-07	0.00E+00	0.00E+00	0.00E+00	2.02E-07	3.09E-08	0.00E+00	0.00E+00	0.00E+00	3.09E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08
560	463590.04	3773616.99	1.99E-07	0.00E+00	0.00E+00	0.00E+00	1.99E-07	3.05E-08	0.00E+00	0.00E+00	0.00E+00	3.05E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08
561	463586.81	3773625.72	1.97E-07	0.00E+00	0.00E+00	0.00E+00	1.97E-07	3.01E-08	0.00E+00	0.00E+00	0.00E+00	3.01E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08
562	463583.57	3773634.46	1.94E-07	0.00E+00	0.00E+00	0.00E+00	1.94E-07	2.97E-08	0.00E+00	0.00E+00	0.00E+00	2.97E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08
563	463580.33	3773643.19	1.91E-07	0.00E+00	0.00E+00	0.00E+00	1.91E-07	2.92E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08
564	463577.1	3773651.93	1.87E-07	0.00E+00	0.00E+00	0.00E+00	1.87E-07	2.87E-08	0.00E+00	0.00E+00	0.00E+00	2.87E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08
565	463573.86	3773660.66	1.84E-07	0.00E+00	0.00E+00	0.00E+00	1.84E-07	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08
566	463570.63	3773669.39	1.80E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-07	2.76E-08	0.00E+00	0.00E+00	0.00E+00	2.76E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08

567	463567.39	3773678.13	1.77E-07	0.00E+00	0.00E+00	0.00E+00	1.77E-07	2.71E-08	0.00E+00	0.00E+00	0.00E+00	2.71E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08
568	463564.16	3773686.86	1.73E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-07	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08
569	463560.92	3773695.6	1.70E-07	0.00E+00	0.00E+00	0.00E+00	1.70E-07	2.60E-08	0.00E+00	0.00E+00	0.00E+00	2.60E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08
570	463557.68	3773704.33	1.66E-07	0.00E+00	0.00E+00	0.00E+00	1.66E-07	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08
571	463678.58	3773485.89	1.93E-07	0.00E+00	0.00E+00	0.00E+00	1.93E-07	2.95E-08	0.00E+00	0.00E+00	0.00E+00	2.95E-08	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08
572	463675.34	3773494.63	1.94E-07	0.00E+00	0.00E+00	0.00E+00	1.94E-07	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08
573	463672.11	3773503.36	1.94E-07	0.00E+00	0.00E+00	0.00E+00	1.94E-07	2.97E-08	0.00E+00	0.00E+00	0.00E+00	2.97E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08
574	463668.87	3773512.1	1.95E-07	0.00E+00	0.00E+00	0.00E+00	1.95E-07	2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08
575	463665.63	3773520.83	1.95E-07	0.00E+00	0.00E+00	0.00E+00	1.95E-07	2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08
576	463662.4	3773529.57	1.95E-07	0.00E+00	0.00E+00	0.00E+00	1.95E-07	2.99E-08	0.00E+00	0.00E+00	0.00E+00	2.99E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08
577	463659.16	3773538.3	1.95E-07	0.00E+00	0.00E+00	0.00E+00	1.95E-07	2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08
578	463655.93	3773547.03	1.95E-07	0.00E+00	0.00E+00	0.00E+00	1.95E-07	2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08
579	463652.69	3773555.77	1.94E-07	0.00E+00	0.00E+00	0.00E+00	1.94E-07	2.97E-08	0.00E+00	0.00E+00	0.00E+00	2.97E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08
580	463649.46	3773564.5	1.93E-07	0.00E+00	0.00E+00	0.00E+00	1.93E-07	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08
581	463646.22	3773573.24	1.92E-07	0.00E+00	0.00E+00	0.00E+00	1.92E-07	2.95E-08	0.00E+00	0.00E+00	0.00E+00	2.95E-08	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08
582	463642.98	3773581.97	1.91E-07	0.00E+00	0.00E+00	0.00E+00	1.91E-07	2.93E-08	0.00E+00	0.00E+00	0.00E+00	2.93E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08
583	463639.75	3773590.71	1.90E-07	0.00E+00	0.00E+00	0.00E+00	1.90E-07	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08
584	463636.51	3773599.44	1.88E-07	0.00E+00	0.00E+00	0.00E+00	1.88E-07	2.88E-08	0.00E+00	0.00E+00	0.00E+00	2.88E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08
585	463633.28	3773608.17	1.86E-07	0.00E+00	0.00E+00	0.00E+00	1.86E-07	2.85E-08	0.00E+00	0.00E+00	0.00E+00	2.85E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08
586	463630.04	3773616.91	1.85E-07	0.00E+00	0.00E+00	0.00E+00	1.85E-07	2.82E-08	0.00E+00	0.00E+00	0.00E+00	2.82E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08
587	463626.81	3773625.64	1.83E-07	0.00E+00	0.00E+00	0.00E+00	1.83E-07	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08
588	463623.57	3773634.38	1.80E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-07	2.76E-08	0.00E+00	0.00E+00	0.00E+00	2.76E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08
589	463620.33	3773643.11	1.78E-07	0.00E+00	0.00E+00	0.00E+00	1.78E-07	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08
590	463617.1	3773651.84	1.75E-07	0.00E+00	0.00E+00	0.00E+00	1.75E-07	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08
591	463613.86	3773660.58	1.73E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-07	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08
592	463610.63	3773669.31	1.70E-07	0.00E+00	0.00E+00	0.00E+00	1.70E-07	2.60E-08	0.00E+00	0.00E+00	0.00E+00	2.60E-08	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08
593	463607.39	3773678.05	1.67E-07	0.00E+00	0.00E+00	0.00E+00	1.67E-07	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08
594	463604.15	3773686.78	1.64E-07	0.00E+00	0.00E+00	0.00E+00	1.64E-07	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08
595	463600.92	3773695.52	1.62E-07	0.00E+00	0.00E+00	0.00E+00	1.62E-07	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08
596	463597.68	3773704.25	1.59E-07	0.00E+00	0.00E+00	0.00E+00	1.59E-07	2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08
597	463594.45	3773712.98	1.56E-07	0.00E+00	0.00E+00	0.00E+00	1.56E-07	2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08
598	463591.21	3773721.72	1.53E-07	0.00E+00	0.00E+00	0.00E+00	1.53E-07	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08
599	463587.98	3773730.45	1.50E-07	0.00E+00	0.00E+00	0.00E+00	1.50E-07	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08	9.81E-09	0.00E+00	0.00E+00	0.00E+00	9.81E-09
600	463718.58	3773485.81	1.73E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-07	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08
601	463715.34	3773494.55	1.74E-07	0.00E+00	0.00E+00	0.00E+00	1.74E-07	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08
602	463712.11	3773503.28	1.75E-07	0.00E+00	0.00E+00	0.00E+00	1.75E-07	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08
603	463708.87	3773512.02	1.76E-07	0.00E+00	0.00E+00	0.00E+00	1.76E-07	2.69E-08	0.00E+00	0.00E+00	0.00E+00	2.69E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08
604	463705.63	3773520.75	1.76E-07	0.00E+00	0.00E+00	0.00E+00	1.76E-07	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08
605	463702.4	3773529.49	1.76E-07	0.00E+00	0.00E+00	0.00E+00	1.76E-07	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08
606	463699.16	3773538.22	1.77E-07	0.00E+00	0.00E+00	0.00E+00	1.77E-07	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08
607	463695.93	3773546.95	1.77E-07	0.00E+00	0.00E+00	0.00E+00	1.77E-07	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08
608	463692.69	3773555.69	1.76E-07	0.00E+00	0.00E+00	0.00E+00	1.76E-07	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08
609	463689.46	3773564.42	1.76E-07	0.00E+00	0.00E+00	0.00E+00	1.76E-07	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08
610	463686.22	3773573.16	1.76E-07	0.00E+00	0.00E+00	0.00E+00	1.76E-07	2.69E-08	0.00E+00	0.00E+00	0.00E+00	2.69E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08
611	463682.98	3773581.89	1.75E-07	0.00E+00	0.00E+00	0.00E+00	1.75E-07	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08
612	463679.75	3773590.62	1.74E-07	0.00E+00	0.00E+00	0.00E+00	1.74E-07	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08
613	463676.51	3773599.36	1.73E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-07	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08
614	463673.28	3773608.09	1.72E-07	0.00E+00	0.00E+00	0.00E+00	1.72E-07	2.63E-08	0.00E+00	0.00E+00	0.00E+00	2.63E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08
615	463670.04	3773616.83	1.71E-07	0.00E+00	0.00E+00	0.00E+00	1.71E-07	2.61E-08	0.00E+00	0.00E+00	0.00E+00	2.61E-08	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08
616	463666.81	3773625.56	1.69E-07	0.00E+00	0.00E+00	0.00E+00	1.69E-07	2.59E-08	0.00E+00	0.00E+00	0.00E+00	2.59E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08
617	463663.57	3773634.3	1.67E-07	0.00E+00	0.00E+00	0.00E+00	1.67E-07	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08
618	463660.33	3773643.03	1.66E-07	0.00E+00	0.00E+00	0.00E+00	1.66E-07	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08
619	463657.1	3773651.76	1.64E-07	0.00E+00	0.00E+00	0.00E+00	1.64E-07	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08
620	463653.86	3773660.5	1.62E-07	0.00E+00	0.00E+00	0.00E+00	1.62E-07	2.48E-08	0.00E+00	0.00E+00	0.00E+00	2.48E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08
621	463650.63	3773669.23	1.60E-07	0.00E+00	0.00E+00	0.00E+00	1.60E-07	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08
622	463647.39	3773677.97	1.58E-07	0.00E+00	0.00E+00	0.00E+00	1.58E-07	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08
623	463644.15	3773686.7	1.56E-07	0.00E+00	0.00E+00	0.00E+00	1.56E-07	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.38E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08

624	463640.92	3773695.43	1.53E-07	0.00E+00	0.00E+00	0.00E+00	1.53E-07	2.35E-08	0.00E+00	0.00E+00	0.00E+00	2.35E-08	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08
625	463637.68	3773704.17	1.51E-07	0.00E+00	0.00E+00	0.00E+00	1.51E-07	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.31E-08	9.90E-09	0.00E+00	0.00E+00	0.00E+00	9.90E-09
626	463634.45	3773712.9	1.48E-07	0.00E+00	0.00E+00	0.00E+00	1.48E-07	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	9.74E-09	0.00E+00	0.00E+00	0.00E+00	9.74E-09
627	463631.21	3773721.64	1.46E-07	0.00E+00	0.00E+00	0.00E+00	1.46E-07	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	9.57E-09	0.00E+00	0.00E+00	0.00E+00	9.57E-09
628	463627.98	3773730.37	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	9.39E-09	0.00E+00	0.00E+00	0.00E+00	9.39E-09
629	463624.74	3773739.11	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	9.22E-09	0.00E+00	0.00E+00	0.00E+00	9.22E-09
630	463621.5	3773747.84	1.38E-07	0.00E+00	0.00E+00	0.00E+00	1.38E-07	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	9.05E-09	0.00E+00	0.00E+00	0.00E+00	9.05E-09
631	463618.27	3773756.57	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	8.88E-09	0.00E+00	0.00E+00	0.00E+00	8.88E-09
632	463758.58	3773485.73	1.55E-07	0.00E+00	0.00E+00	0.00E+00	1.55E-07	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.38E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08
633	463755.34	3773494.47	1.57E-07	0.00E+00	0.00E+00	0.00E+00	1.57E-07	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
634	463752.11	3773503.2	1.58E-07	0.00E+00	0.00E+00	0.00E+00	1.58E-07	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
635	463748.87	3773511.94	1.59E-07	0.00E+00	0.00E+00	0.00E+00	1.59E-07	2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08
636	463745.63	3773520.67	1.59E-07	0.00E+00	0.00E+00	0.00E+00	1.59E-07	2.44E-08	0.00E+00	0.00E+00	0.00E+00	2.44E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08
637	463742.4	3773529.4	1.60E-07	0.00E+00	0.00E+00	0.00E+00	1.60E-07	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08
638	463739.16	3773538.14	1.61E-07	0.00E+00	0.00E+00	0.00E+00	1.61E-07	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08
639	463735.93	3773546.87	1.61E-07	0.00E+00	0.00E+00	0.00E+00	1.61E-07	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08
640	463732.69	3773555.61	1.61E-07	0.00E+00	0.00E+00	0.00E+00	1.61E-07	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08
641	463729.46	3773564.34	1.61E-07	0.00E+00	0.00E+00	0.00E+00	1.61E-07	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08
642	463726.22	3773573.08	1.61E-07	0.00E+00	0.00E+00	0.00E+00	1.61E-07	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08
643	463722.98	3773581.81	1.61E-07	0.00E+00	0.00E+00	0.00E+00	1.61E-07	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08
644	463719.75	3773590.54	1.60E-07	0.00E+00	0.00E+00	0.00E+00	1.60E-07	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08
645	463716.51	3773599.28	1.59E-07	0.00E+00	0.00E+00	0.00E+00	1.59E-07	2.44E-08	0.00E+00	0.00E+00	0.00E+00	2.44E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08
646	463713.28	3773608.01	1.58E-07	0.00E+00	0.00E+00	0.00E+00	1.58E-07	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08
647	463710.04	3773616.75	1.57E-07	0.00E+00	0.00E+00	0.00E+00	1.57E-07	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
648	463706.81	3773625.48	1.56E-07	0.00E+00	0.00E+00	0.00E+00	1.56E-07	2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
649	463703.57	3773634.21	1.55E-07	0.00E+00	0.00E+00	0.00E+00	1.55E-07	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.38E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08
650	463700.33	3773642.95	1.54E-07	0.00E+00	0.00E+00	0.00E+00	1.54E-07	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08
651	463697.1	3773651.68	1.53E-07	0.00E+00	0.00E+00	0.00E+00	1.53E-07	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08
652	463693.86	3773660.42	1.52E-07	0.00E+00	0.00E+00	0.00E+00	1.52E-07	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	9.95E-09	0.00E+00	0.00E+00	0.00E+00	9.95E-09
653	463690.63	3773669.15	1.50E-07	0.00E+00	0.00E+00	0.00E+00	1.50E-07	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08	9.84E-09	0.00E+00	0.00E+00	0.00E+00	9.84E-09
654	463687.39	3773677.89	1.48E-07	0.00E+00	0.00E+00	0.00E+00	1.48E-07	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	9.73E-09	0.00E+00	0.00E+00	0.00E+00	9.73E-09
655	463684.15	3773686.62	1.46E-07	0.00E+00	0.00E+00	0.00E+00	1.46E-07	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08	9.61E-09	0.00E+00	0.00E+00	0.00E+00	9.61E-09
656	463680.92	3773695.35	1.45E-07	0.00E+00	0.00E+00	0.00E+00	1.45E-07	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	9.49E-09	0.00E+00	0.00E+00	0.00E+00	9.49E-09
657	463677.68	3773704.09	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	9.36E-09	0.00E+00	0.00E+00	0.00E+00	9.36E-09
658	463674.45	3773712.82	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	9.23E-09	0.00E+00	0.00E+00	0.00E+00	9.23E-09
659	463671.21	3773721.56	1.39E-07	0.00E+00	0.00E+00	0.00E+00	1.39E-07	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08	9.10E-09	0.00E+00	0.00E+00	0.00E+00	9.10E-09
660	463667.98	3773730.29	1.37E-07	0.00E+00	0.00E+00	0.00E+00	1.37E-07	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08	8.97E-09	0.00E+00	0.00E+00	0.00E+00	8.97E-09
661	463664.74	3773739.03	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.83E-09	0.00E+00	0.00E+00	0.00E+00	8.83E-09
662	463661.5	3773747.76	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	8.70E-09	0.00E+00	0.00E+00	0.00E+00	8.70E-09
663	463658.27	3773756.49	1.30E-07	0.00E+00	0.00E+00	0.00E+00	1.30E-07	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	8.54E-09	0.00E+00	0.00E+00	0.00E+00	8.54E-09
664	463655.03	3773765.23	1.28E-07	0.00E+00	0.00E+00	0.00E+00	1.28E-07	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	8.39E-09	0.00E+00	0.00E+00	0.00E+00	8.39E-09
665	463651.8	3773773.96	1.26E-07	0.00E+00	0.00E+00	0.00E+00	1.26E-07	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08	8.24E-09	0.00E+00	0.00E+00	0.00E+00	8.24E-09
666	463648.56	3773782.7	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	8.09E-09	0.00E+00	0.00E+00	0.00E+00	8.09E-09
667	463798.58	3773485.65	1.40E-07	0.00E+00	0.00E+00	0.00E+00	1.40E-07	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	9.20E-09	0.00E+00	0.00E+00	0.00E+00	9.20E-09
668	463795.34	3773494.39	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	9.28E-09	0.00E+00	0.00E+00	0.00E+00	9.28E-09
669	463792.11	3773503.12	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	9.36E-09	0.00E+00	0.00E+00	0.00E+00	9.36E-09
670	463788.87	3773511.86	1.44E-07	0.00E+00	0.00E+00	0.00E+00	1.44E-07	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08	9.43E-09	0.00E+00	0.00E+00	0.00E+00	9.43E-09
671	463785.63	3773520.59	1.45E-07	0.00E+00	0.00E+00	0.00E+00	1.45E-07	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	9.49E-09	0.00E+00	0.00E+00	0.00E+00	9.49E-09
672	463782.4	3773529.32	1.45E-07	0.00E+00	0.00E+00	0.00E+00	1.45E-07	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08	9.53E-09	0.00E+00	0.00E+00	0.00E+00	9.53E-09
673	463779.16	3773538.06	1.46E-07	0.00E+00	0.00E+00	0.00E+00	1.46E-07	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	9.56E-09	0.00E+00	0.00E+00	0.00E+00	9.56E-09
674	463775.93	3773546.79	1.46E-07	0.00E+00	0.00E+00	0.00E+00	1.46E-07	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08	9.60E-09	0.00E+00	0.00E+00	0.00E+00	9.60E-09
675	463772.69	3773555.53	1.47E-07	0.00E+00	0.00E+00	0.00E+00	1.47E-07	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	9.63E-09	0.00E+00	0.00E+00	0.00E+00	9.63E-09
676	463769.46	3773564.26	1.47E-07	0.00E+00	0.00E+00	0.00E+00	1.47E-07	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	9.64E-09	0.00E+00	0.00E+00	0.00E+00	9.64E-09
677	463766.22	3773572.99	1.47E-07	0.00E+00	0.00E+00	0.00E+00	1.47E-07	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	9.65E-09	0.00E+00	0.00E+00	0.00E+00	9.65E-09
678	463762.98	3773581.73	1.47E-07	0.00E+00	0.00E+00	0.00E+00	1.47E-07	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	9.64E-09	0.00E+00	0.00E+00	0.00E+00	9.64E-09
679	463759.75	3773590.46	1.47E-07	0.00E+00	0.00E+00	0.00E+00	1.47E-07	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08	9.62E-09	0.00E+00	0.00E+00	0.00E+00	9.62E-09
680	463756.51	3773599.2	1.46E-07	0.00E+00	0.00E+00	0.00E+00	1.46E-07	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08	9.60E-09	0.00E+00	0.00E+00	0.00E+00	9.60E-09

681	463753.28	3773607.93	1.46E-07	0.00E+00	0.00E+00	0.00E+00	1.46E-07	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	9.58E-09	0.00E+00	0.00E+00	0.00E+00	9.58E-09
682	463750.04	3773616.67	1.46E-07	0.00E+00	0.00E+00	0.00E+00	1.46E-07	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	9.55E-09	0.00E+00	0.00E+00	0.00E+00	9.55E-09
683	463746.81	3773625.4	1.45E-07	0.00E+00	0.00E+00	0.00E+00	1.45E-07	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08	9.51E-09	0.00E+00	0.00E+00	0.00E+00	9.51E-09
684	463743.57	3773634.13	1.44E-07	0.00E+00	0.00E+00	0.00E+00	1.44E-07	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	9.46E-09	0.00E+00	0.00E+00	0.00E+00	9.46E-09
685	463740.33	3773642.87	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	9.40E-09	0.00E+00	0.00E+00	0.00E+00	9.40E-09
686	463737.1	3773651.6	1.42E-07	0.00E+00	0.00E+00	0.00E+00	1.42E-07	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	9.33E-09	0.00E+00	0.00E+00	0.00E+00	9.33E-09
687	463733.86	3773660.34	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08	9.27E-09	0.00E+00	0.00E+00	0.00E+00	9.27E-09
688	463730.63	3773669.07	1.40E-07	0.00E+00	0.00E+00	0.00E+00	1.40E-07	2.14E-08	0.00E+00	0.00E+00	0.00E+00	2.14E-08	9.19E-09	0.00E+00	0.00E+00	0.00E+00	9.19E-09
689	463727.39	3773677.81	1.39E-07	0.00E+00	0.00E+00	0.00E+00	1.39E-07	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08	9.11E-09	0.00E+00	0.00E+00	0.00E+00	9.11E-09
690	463724.15	3773686.54	1.37E-07	0.00E+00	0.00E+00	0.00E+00	1.37E-07	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	9.01E-09	0.00E+00	0.00E+00	0.00E+00	9.01E-09
691	463720.92	3773695.27	1.36E-07	0.00E+00	0.00E+00	0.00E+00	1.36E-07	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08	8.93E-09	0.00E+00	0.00E+00	0.00E+00	8.93E-09
692	463717.68	3773704.01	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.83E-09	0.00E+00	0.00E+00	0.00E+00	8.83E-09
693	463714.45	3773712.74	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	8.74E-09	0.00E+00	0.00E+00	0.00E+00	8.74E-09
694	463711.21	3773721.48	1.31E-07	0.00E+00	0.00E+00	0.00E+00	1.31E-07	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	8.63E-09	0.00E+00	0.00E+00	0.00E+00	8.63E-09
695	463707.98	3773730.21	1.30E-07	0.00E+00	0.00E+00	0.00E+00	1.30E-07	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	8.52E-09	0.00E+00	0.00E+00	0.00E+00	8.52E-09
696	463704.74	3773738.94	1.28E-07	0.00E+00	0.00E+00	0.00E+00	1.28E-07	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	8.40E-09	0.00E+00	0.00E+00	0.00E+00	8.40E-09
697	463701.5	3773747.68	1.26E-07	0.00E+00	0.00E+00	0.00E+00	1.26E-07	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	8.29E-09	0.00E+00	0.00E+00	0.00E+00	8.29E-09
698	463698.27	3773756.41	1.25E-07	0.00E+00	0.00E+00	0.00E+00	1.25E-07	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	8.18E-09	0.00E+00	0.00E+00	0.00E+00	8.18E-09
699	463695.03	3773765.15	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	8.06E-09	0.00E+00	0.00E+00	0.00E+00	8.06E-09
700	463691.8	3773773.88	1.21E-07	0.00E+00	0.00E+00	0.00E+00	1.21E-07	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08	7.94E-09	0.00E+00	0.00E+00	0.00E+00	7.94E-09
701	463688.56	3773782.62	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	7.81E-09	0.00E+00	0.00E+00	0.00E+00	7.81E-09
702	463685.33	3773791.35	1.17E-07	0.00E+00	0.00E+00	0.00E+00	1.17E-07	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	7.68E-09	0.00E+00	0.00E+00	0.00E+00	7.68E-09
703	463682.09	3773800.08	1.15E-07	0.00E+00	0.00E+00	0.00E+00	1.15E-07	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	7.54E-09	0.00E+00	0.00E+00	0.00E+00	7.54E-09
704	463678.85	3773808.82	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	7.41E-09	0.00E+00	0.00E+00	0.00E+00	7.41E-09
705	463835.34	3773494.31	1.28E-07	0.00E+00	0.00E+00	0.00E+00	1.28E-07	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	8.39E-09	0.00E+00	0.00E+00	0.00E+00	8.39E-09
706	463832.11	3773503.04	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07	1.98E-08	0.00E+00	0.00E+00	0.00E+00	1.98E-08	8.47E-09	0.00E+00	0.00E+00	0.00E+00	8.47E-09
707	463828.87	3773511.77	1.30E-07	0.00E+00	0.00E+00	0.00E+00	1.30E-07	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	8.54E-09	0.00E+00	0.00E+00	0.00E+00	8.54E-09
708	463825.63	3773520.51	1.31E-07	0.00E+00	0.00E+00	0.00E+00	1.31E-07	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	8.61E-09	0.00E+00	0.00E+00	0.00E+00	8.61E-09
709	463822.4	3773529.24	1.32E-07	0.00E+00	0.00E+00	0.00E+00	1.32E-07	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08	8.66E-09	0.00E+00	0.00E+00	0.00E+00	8.66E-09
710	463819.16	3773537.98	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	8.70E-09	0.00E+00	0.00E+00	0.00E+00	8.70E-09
711	463815.93	3773546.71	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	8.74E-09	0.00E+00	0.00E+00	0.00E+00	8.74E-09
712	463812.69	3773555.45	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	8.78E-09	0.00E+00	0.00E+00	0.00E+00	8.78E-09
713	463809.46	3773564.18	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	8.81E-09	0.00E+00	0.00E+00	0.00E+00	8.81E-09
714	463806.22	3773572.91	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.82E-09	0.00E+00	0.00E+00	0.00E+00	8.82E-09
715	463802.98	3773581.65	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.83E-09	0.00E+00	0.00E+00	0.00E+00	8.83E-09
716	463799.75	3773590.38	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.83E-09	0.00E+00	0.00E+00	0.00E+00	8.83E-09
717	463796.51	3773599.12	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.82E-09	0.00E+00	0.00E+00	0.00E+00	8.82E-09
718	463793.28	3773607.85	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.82E-09	0.00E+00	0.00E+00	0.00E+00	8.82E-09
719	463790.04	3773616.59	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	8.81E-09	0.00E+00	0.00E+00	0.00E+00	8.81E-09
720	463786.8	3773625.32	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	8.79E-09	0.00E+00	0.00E+00	0.00E+00	8.79E-09
721	463783.57	3773634.05	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	8.76E-09	0.00E+00	0.00E+00	0.00E+00	8.76E-09
722	463780.33	3773642.79	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	8.72E-09	0.00E+00	0.00E+00	0.00E+00	8.72E-09
723	463777.1	3773651.52	1.32E-07	0.00E+00	0.00E+00	0.00E+00	1.32E-07	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08	8.67E-09	0.00E+00	0.00E+00	0.00E+00	8.67E-09
724	463773.86	3773660.26	1.31E-07	0.00E+00	0.00E+00	0.00E+00	1.31E-07	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	8.62E-09	0.00E+00	0.00E+00	0.00E+00	8.62E-09
725	463770.63	3773668.99	1.31E-07	0.00E+00	0.00E+00	0.00E+00	1.31E-07	2.00E-08	0.00E+00	0.00E+00	0.00E+00	2.00E-08	8.58E-09	0.00E+00	0.00E+00	0.00E+00	8.58E-09
726	463767.39	3773677.72	1.30E-07	0.00E+00	0.00E+00	0.00E+00	1.30E-07	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	8.52E-09	0.00E+00	0.00E+00	0.00E+00	8.52E-09
727	463764.15	3773686.46	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08	8.47E-09	0.00E+00	0.00E+00	0.00E+00	8.47E-09
728	463760.92	3773695.19	1.28E-07	0.00E+00	0.00E+00	0.00E+00	1.28E-07	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	8.39E-09	0.00E+00	0.00E+00	0.00E+00	8.39E-09
729	463757.68	3773703.93	1.27E-07	0.00E+00	0.00E+00	0.00E+00	1.27E-07	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08	8.32E-09	0.00E+00	0.00E+00	0.00E+00	8.32E-09
730	463754.45	3773712.66	1.25E-07	0.00E+00	0.00E+00	0.00E+00	1.25E-07	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08	8.23E-09	0.00E+00	0.00E+00	0.00E+00	8.23E-09
731	463751.21	3773721.4	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	8.15E-09	0.00E+00	0.00E+00	0.00E+00	8.15E-09
732	463747.98	3773730.13	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	8.07E-09	0.00E+00	0.00E+00	0.00E+00	8.07E-09
733	463744.74	3773738.86	1.22E-07	0.00E+00	0.00E+00	0.00E+00	1.22E-07	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	7.99E-09	0.00E+00	0.00E+00	0.00E+00	7.99E-09
734	463741.5	3773747.6	1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	7.89E-09	0.00E+00	0.00E+00	0.00E+00	7.89E-09
735	463738.27	3773756.33	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	7.79E-09	0.00E+00	0.00E+00	0.00E+00	7.79E-09
736	463735.03	3773765.07	1.17E-07	0.00E+00	0.00E+00	0.00E+00	1.17E-07	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	7.69E-09	0.00E+00	0.00E+00	0.00E+00	7.69E-09
737	463731.8	3773773.8	1.16E-07	0.00E+00	0.00E+00	0.00E+00	1.16E-07	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	7.59E-09	0.00E+00	0.00E+00	0.00E+00	7.59E-09

738	463728.56	3773782.53	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	7.48E-09	0.00E+00	0.00E+00	0.00E+00	7.48E-09
739	463725.33	3773791.27	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	7.38E-09	0.00E+00	0.00E+00	0.00E+00	7.38E-09
740	463722.09	3773800	1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	7.26E-09	0.00E+00	0.00E+00	0.00E+00	7.26E-09
741	463718.85	3773808.74	1.09E-07	0.00E+00	0.00E+00	0.00E+00	1.09E-07	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	7.15E-09	0.00E+00	0.00E+00	0.00E+00	7.15E-09
742	463715.62	3773817.47	1.07E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-07	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	7.04E-09	0.00E+00	0.00E+00	0.00E+00	7.04E-09
743	463712.38	3773826.21	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	6.93E-09	0.00E+00	0.00E+00	0.00E+00	6.93E-09
744	463709.15	3773834.94	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	6.82E-09	0.00E+00	0.00E+00	0.00E+00	6.82E-09
745	463875.34	3773494.23	1.16E-07	0.00E+00	0.00E+00	0.00E+00	1.16E-07	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	7.62E-09	0.00E+00	0.00E+00	0.00E+00	7.62E-09
746	463872.11	3773502.96	1.17E-07	0.00E+00	0.00E+00	0.00E+00	1.17E-07	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	7.69E-09	0.00E+00	0.00E+00	0.00E+00	7.69E-09
747	463868.87	3773511.69	1.18E-07	0.00E+00	0.00E+00	0.00E+00	1.18E-07	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	7.76E-09	0.00E+00	0.00E+00	0.00E+00	7.76E-09
748	463865.63	3773520.43	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	7.83E-09	0.00E+00	0.00E+00	0.00E+00	7.83E-09
749	463862.4	3773529.16	1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	7.88E-09	0.00E+00	0.00E+00	0.00E+00	7.88E-09
750	463859.16	3773537.9	1.21E-07	0.00E+00	0.00E+00	0.00E+00	1.21E-07	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08	7.93E-09	0.00E+00	0.00E+00	0.00E+00	7.93E-09
751	463855.93	3773546.63	1.22E-07	0.00E+00	0.00E+00	0.00E+00	1.22E-07	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	7.98E-09	0.00E+00	0.00E+00	0.00E+00	7.98E-09
752	463852.69	3773555.37	1.22E-07	0.00E+00	0.00E+00	0.00E+00	1.22E-07	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	8.02E-09	0.00E+00	0.00E+00	0.00E+00	8.02E-09
753	463849.46	3773564.1	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	8.06E-09	0.00E+00	0.00E+00	0.00E+00	8.06E-09
754	463846.22	3773572.83	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	8.08E-09	0.00E+00	0.00E+00	0.00E+00	8.08E-09
755	463842.98	3773581.57	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	8.10E-09	0.00E+00	0.00E+00	0.00E+00	8.10E-09
756	463839.75	3773590.3	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	8.11E-09	0.00E+00	0.00E+00	0.00E+00	8.11E-09
757	463836.51	3773599.04	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	8.11E-09	0.00E+00	0.00E+00	0.00E+00	8.11E-09
758	463833.28	3773607.77	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	8.12E-09	0.00E+00	0.00E+00	0.00E+00	8.12E-09
759	463830.04	3773616.5	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	8.12E-09	0.00E+00	0.00E+00	0.00E+00	8.12E-09
760	463826.8	3773625.24	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	8.12E-09	0.00E+00	0.00E+00	0.00E+00	8.12E-09
761	463823.57	3773633.97	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	8.10E-09	0.00E+00	0.00E+00	0.00E+00	8.10E-09
762	463820.33	3773642.71	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	8.08E-09	0.00E+00	0.00E+00	0.00E+00	8.08E-09
763	463817.1	3773651.44	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	8.05E-09	0.00E+00	0.00E+00	0.00E+00	8.05E-09
764	463813.86	3773660.18	1.22E-07	0.00E+00	0.00E+00	0.00E+00	1.22E-07	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	8.02E-09	0.00E+00	0.00E+00	0.00E+00	8.02E-09
765	463810.63	3773668.91	1.22E-07	0.00E+00	0.00E+00	0.00E+00	1.22E-07	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	7.99E-09	0.00E+00	0.00E+00	0.00E+00	7.99E-09
766	463807.39	3773677.64	1.21E-07	0.00E+00	0.00E+00	0.00E+00	1.21E-07	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	7.95E-09	0.00E+00	0.00E+00	0.00E+00	7.95E-09
767	463804.15	3773686.38	1.21E-07	0.00E+00	0.00E+00	0.00E+00	1.21E-07	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08	7.91E-09	0.00E+00	0.00E+00	0.00E+00	7.91E-09
768	463800.92	3773695.11	1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	7.86E-09	0.00E+00	0.00E+00	0.00E+00	7.86E-09
769	463797.68	3773703.85	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	7.80E-09	0.00E+00	0.00E+00	0.00E+00	7.80E-09
770	463794.45	3773712.58	1.18E-07	0.00E+00	0.00E+00	0.00E+00	1.18E-07	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	7.74E-09	0.00E+00	0.00E+00	0.00E+00	7.74E-09
771	463791.21	3773721.31	1.17E-07	0.00E+00	0.00E+00	0.00E+00	1.17E-07	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	7.68E-09	0.00E+00	0.00E+00	0.00E+00	7.68E-09
772	463787.98	3773730.05	1.16E-07	0.00E+00	0.00E+00	0.00E+00	1.16E-07	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	7.62E-09	0.00E+00	0.00E+00	0.00E+00	7.62E-09
773	463784.74	3773738.78	1.15E-07	0.00E+00	0.00E+00	0.00E+00	1.15E-07	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	7.55E-09	0.00E+00	0.00E+00	0.00E+00	7.55E-09
774	463781.5	3773747.52	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	7.48E-09	0.00E+00	0.00E+00	0.00E+00	7.48E-09
775	463778.27	3773756.25	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	7.40E-09	0.00E+00	0.00E+00	0.00E+00	7.40E-09
776	463775.03	3773764.99	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	7.32E-09	0.00E+00	0.00E+00	0.00E+00	7.32E-09
777	463771.8	3773773.72	1.10E-07	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	7.23E-09	0.00E+00	0.00E+00	0.00E+00	7.23E-09
778	463768.56	3773782.45	1.09E-07	0.00E+00	0.00E+00	0.00E+00	1.09E-07	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	7.15E-09	0.00E+00	0.00E+00	0.00E+00	7.15E-09
779	463765.33	3773791.19	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	7.07E-09	0.00E+00	0.00E+00	0.00E+00	7.07E-09
780	463762.09	3773799.92	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	6.98E-09	0.00E+00	0.00E+00	0.00E+00	6.98E-09
781	463758.85	3773808.66	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	6.89E-09	0.00E+00	0.00E+00	0.00E+00	6.89E-09
782	463755.62	3773817.39	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	6.79E-09	0.00E+00	0.00E+00	0.00E+00	6.79E-09
783	463752.38	3773826.13	1.02E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-07	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	6.69E-09	0.00E+00	0.00E+00	0.00E+00	6.69E-09
784	463749.15	3773834.86	1.00E-07	0.00E+00	0.00E+00	0.00E+00	1.00E-07	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08	6.59E-09	0.00E+00	0.00E+00	0.00E+00	6.59E-09
785	463745.91	3773843.59	9.90E-08	0.00E+00	0.00E+00	0.00E+00	9.90E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	6.50E-09	0.00E+00	0.00E+00	0.00E+00	6.50E-09
786	463742.68	3773852.33	9.75E-08	0.00E+00	0.00E+00	0.00E+00	9.75E-08	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	6.40E-09	0.00E+00	0.00E+00	0.00E+00	6.40E-09
787	463739.44	3773861.06	9.61E-08	0.00E+00	0.00E+00	0.00E+00	9.61E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	6.30E-09	0.00E+00	0.00E+00	0.00E+00	6.30E-09
788	463915.34	3773494.15	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	6.93E-09	0.00E+00	0.00E+00	0.00E+00	6.93E-09
789	463912.11	3773502.88	1.07E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-07	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	7.00E-09	0.00E+00	0.00E+00	0.00E+00	7.00E-09
790	463908.87	3773511.61	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	7.07E-09	0.00E+00	0.00E+00	0.00E+00	7.07E-09
791	463905.63	3773520.35	1.09E-07	0.00E+00	0.00E+00	0.00E+00	1.09E-07	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	7.14E-09	0.00E+00	0.00E+00	0.00E+00	7.14E-09
792	463902.4	3773529.08	1.10E-07	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	7.20E-09	0.00E+00	0.00E+00	0.00E+00	7.20E-09
793	463899.16	3773537.82	1.10E-07	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	7.24E-09	0.00E+00	0.00E+00	0.00E+00	7.24E-09
794	463895.93	3773546.55	1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	7.30E-09	0.00E+00	0.00E+00	0.00E+00	7.30E-09

795	463892.69	3773555.28	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07		1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08		7.34E-09	0.00E+00	0.00E+00	0.00E+00	7.34E-09
796	463889.46	3773564.02	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07		1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08		7.38E-09	0.00E+00	0.00E+00	0.00E+00	7.38E-09
797	463886.22	3773572.75	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07		1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08		7.42E-09	0.00E+00	0.00E+00	0.00E+00	7.42E-09
798	463882.98	3773581.49	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07		1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08		7.45E-09	0.00E+00	0.00E+00	0.00E+00	7.45E-09
799	463879.75	3773590.22	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07		1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08		7.46E-09	0.00E+00	0.00E+00	0.00E+00	7.46E-09
800	463876.51	3773598.96	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07		1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08		7.48E-09	0.00E+00	0.00E+00	0.00E+00	7.48E-09
801	463873.28	3773607.69	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07		1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08		7.49E-09	0.00E+00	0.00E+00	0.00E+00	7.49E-09
802	463870.04	3773616.42	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07		1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08		7.50E-09	0.00E+00	0.00E+00	0.00E+00	7.50E-09
803	463866.8	3773625.16	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07		1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08		7.51E-09	0.00E+00	0.00E+00	0.00E+00	7.51E-09
804	463863.57	3773633.89	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07		1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08		7.51E-09	0.00E+00	0.00E+00	0.00E+00	7.51E-09
805	463860.33	3773642.63	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07		1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08		7.50E-09	0.00E+00	0.00E+00	0.00E+00	7.50E-09
806	463857.1	3773651.36	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07		1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08		7.49E-09	0.00E+00	0.00E+00	0.00E+00	7.49E-09
807	463853.86	3773660.09	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07		1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08		7.47E-09	0.00E+00	0.00E+00	0.00E+00	7.47E-09
808	463850.63	3773668.83	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07		1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08		7.44E-09	0.00E+00	0.00E+00	0.00E+00	7.44E-09
809	463847.39	3773677.56	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07		1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08		7.42E-09	0.00E+00	0.00E+00	0.00E+00	7.42E-09
810	463844.15	3773686.3	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07		1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08		7.39E-09	0.00E+00	0.00E+00	0.00E+00	7.39E-09
811	463840.92	3773695.03	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07		1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08		7.35E-09	0.00E+00	0.00E+00	0.00E+00	7.35E-09
812	463837.68	3773703.77	1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07		1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08		7.31E-09	0.00E+00	0.00E+00	0.00E+00	7.31E-09
813	463834.45	3773712.5	1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07		1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08		7.26E-09	0.00E+00	0.00E+00	0.00E+00	7.26E-09
814	463831.21	3773721.23	1.10E-07	0.00E+00	0.00E+00	0.00E+00	1.10E-07		1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08		7.22E-09	0.00E+00	0.00E+00	0.00E+00	7.22E-09
815	463827.98	3773729.97	1.09E-07	0.00E+00	0.00E+00	0.00E+00	1.09E-07		1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08		7.17E-09	0.00E+00	0.00E+00	0.00E+00	7.17E-09
816	463824.74	3773738.7	1.09E-07	0.00E+00	0.00E+00	0.00E+00	1.09E-07		1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08		7.12E-09	0.00E+00	0.00E+00	0.00E+00	7.12E-09
817	463821.5	3773747.44	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07		1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08		7.07E-09	0.00E+00	0.00E+00	0.00E+00	7.07E-09
818	463818.27	3773756.17	1.07E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-07		1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08		7.01E-09	0.00E+00	0.00E+00	0.00E+00	7.01E-09
819	463815.03	3773764.91	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07		1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08		6.94E-09	0.00E+00	0.00E+00	0.00E+00	6.94E-09
820	463811.8	3773773.64	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07		1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08		6.87E-09	0.00E+00	0.00E+00	0.00E+00	6.87E-09
821	463808.56	3773782.37	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07		1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08		6.81E-09	0.00E+00	0.00E+00	0.00E+00	6.81E-09
822	463805.33	3773791.11	1.03E-07	0.00E+00	0.00E+00	0.00E+00	1.03E-07		1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08		6.74E-09	0.00E+00	0.00E+00	0.00E+00	6.74E-09
823	463802.09	3773799.84	1.02E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-07		1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08		6.67E-09	0.00E+00	0.00E+00	0.00E+00	6.67E-09
824	463798.85	3773808.58	1.00E-07	0.00E+00	0.00E+00	0.00E+00	1.00E-07		1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08		6.59E-09	0.00E+00	0.00E+00	0.00E+00	6.59E-09
825	463795.62	3773817.31	9.92E-08	0.00E+00	0.00E+00	0.00E+00	9.92E-08		1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08		6.51E-09	0.00E+00	0.00E+00	0.00E+00	6.51E-09
826	463792.38	3773826.04	9.80E-08	0.00E+00	0.00E+00	0.00E+00	9.80E-08		1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08		6.43E-09	0.00E+00	0.00E+00	0.00E+00	6.43E-09
827	463789.15	3773834.78	9.67E-08	0.00E+00	0.00E+00	0.00E+00	9.67E-08		1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08		6.35E-09	0.00E+00	0.00E+00	0.00E+00	6.35E-09
828	463785.91	3773843.51	9.55E-08	0.00E+00	0.00E+00	0.00E+00	9.55E-08		1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08		6.27E-09	0.00E+00	0.00E+00	0.00E+00	6.27E-09
829	463782.68	3773852.25	9.42E-08	0.00E+00	0.00E+00	0.00E+00	9.42E-08		1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08		6.18E-09	0.00E+00	0.00E+00	0.00E+00	6.18E-09
830	463779.44	3773860.98	9.30E-08	0.00E+00	0.00E+00	0.00E+00	9.30E-08		1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08		6.10E-09	0.00E+00	0.00E+00	0.00E+00	6.10E-09
831	463776.2	3773869.72	9.17E-08	0.00E+00	0.00E+00	0.00E+00	9.17E-08		1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08		6.02E-09	0.00E+00	0.00E+00	0.00E+00	6.02E-09
832	463772.97	3773878.45	9.03E-08	0.00E+00	0.00E+00	0.00E+00	9.03E-08		1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08		5.92E-09	0.00E+00	0.00E+00	0.00E+00	5.92E-09
833	463769.73	3773887.18	8.89E-08	0.00E+00	0.00E+00	0.00E+00	8.89E-08		1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08		5.83E-09	0.00E+00	0.00E+00	0.00E+00	5.83E-09
834	462999.7	3773058.67	6.39E-07	0.00E+00	0.00E+00	0.00E+00	6.39E-07		9.79E-08	0.00E+00	0.00E+00	0.00E+00	9.79E-08		4.20E-08	0.00E+00	0.00E+00	0.00E+00	4.20E-08
835	462990.6	3773058.69	6.80E-07	0.00E+00	0.00E+00	0.00E+00	6.80E-07		1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07		4.47E-08	0.00E+00	0.00E+00	0.00E+00	4.47E-08
836	462981.51	3773058.71	7.26E-07	0.00E+00	0.00E+00	0.00E+00	7.26E-07		1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07		4.77E-08	0.00E+00	0.00E+00	0.00E+00	4.77E-08
837	462972.41	3773058.73	7.75E-07	0.00E+00	0.00E+00	0.00E+00	7.75E-07		1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07		5.09E-08	0.00E+00	0.00E+00	0.00E+00	5.09E-08
838	462963.31	3773058.75	8.24E-07	0.00E+00	0.00E+00	0.00E+00	8.24E-07		1.26E-07	0.00E+00	0.00E+00	0.00E+00	1.26E-07		5.41E-08	0.00E+00	0.00E+00	0.00E+00	5.41E-08
839	462954.21	3773058.76	8.70E-07	0.00E+00	0.00E+00	0.00E+00	8.70E-07		1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07		5.71E-08	0.00E+00	0.00E+00	0.00E+00	5.71E-08
840	462945.11	3773058.78	9.09E-07	0.00E+00	0.00E+00	0.00E+00	9.09E-07		1.39E-07	0.00E+00	0.00E+00	0.00E+00	1.39E-07		5.96E-08	0.00E+00	0.00E+00	0.00E+00	5.96E-08
841	462936.01	3773058.8	9.38E-07	0.00E+00	0.00E+00	0.00E+00	9.38E-07		1.44E-07	0.00E+00	0.00E+00	0.00E+00	1.44E-07		6.15E-08	0.00E+00	0.00E+00	0.00E+00	6.15E-08
842	462926.91	3773058.82	9.55E-07	0.00E+00	0.00E+00	0.00E+00	9.55E-07		1.46E-07	0.00E+00	0.00E+00	0.00E+00	1.46E-07		6.26E-08	0.00E+00	0.00E+00	0.00E+00	6.26E-08
843	462917.81	3773058.84	9.58E-07	0.00E+00	0.00E+00	0.00E+00	9.58E-07		1.47E-07	0.00E+00	0.00E+00	0.00E+00	1.47E-07		6.29E-08	0.00E+00	0.00E+00	0.00E+00	6.29E-08
844	462999.68	3773048.67	5.40E-07	0.00E+00	0.00E+00	0.00E+00	5.40E-07		8.26E-08	0.00E+00	0.00E+00	0.00E+00	8.26E-08		3.54E-08	0.00E+00	0.00E+00	0.00E+00	3.54E-08
845	462990.58	3773048.69	5.74E-07	0.00E+00	0.00E+00	0.00E+00	5.74E-07		8.78E-08	0.00E+00	0.00E+00	0.00E+00	8.78E-08		3.76E-08	0.00E+00	0.00E+00	0.00E+00	3.76E-08
846	462981.48	3773048.71	6.12E-07	0.00E+00	0.00E+00	0.00E+00	6.12E-07		9.36E-08	0.00E+00	0.00E+00	0.00E+00	9.36E-08		4.01E-08	0.00E+00	0.00E+00	0.00E+00	4.01E-08
847	462972.39	3773048.73	6.52E-07	0.00E+00	0.00E+00	0.00E+00	6.52E-07		9.98E-08	0.00E+00	0.00E+00	0.00E+00	9.98E-08		4.28E-08	0.00E+00	0.00E+00	0.00E+00	4.28E-08
848	462963.29	3773048.75	6.93E-07	0.00E+00	0.00E+00	0.00E+00	6.93E-07		1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07		4.55E-08	0.00E+00	0.00E+00	0.00E+00	4.55E-08
849	462954.19	3773048.76	7.32E-07	0.00E+00	0.00E+00	0.00E+00	7.32E-07		1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07		4.81E-08	0.00E+00	0.00E+00	0.00E+00	4.81E-08
850	462945.09	3773048.78	7.67E-07	0.00E+00	0.00E+00	0.00E+00	7.67E-07		1.17E-07	0.00E+00	0.00E+00	0.00E+00	1.17E-07		5.04E-08	0.00E+00	0.00E+00	0.00E+00	5.04E-08
851	462935.99	3773048.8	7.95E-07	0.00E+00	0.00E+00	0.00E+00	7.95E-07		1.22E-07	0.00E+00	0.00E+00	0.00E+00	1.22E-07		5.22E-08	0.00E+00	0.00E+00	0.00E+00	5.22E-08

852	462926.89	3773048.82	8.14E-07	0.00E+00	0.00E+00	0.00E+00	8.14E-07	1.25E-07	0.00E+00	0.00E+00	0.00E+00	1.25E-07	5.34E-08	0.00E+00	0.00E+00	0.00E+00	5.34E-08
853	462917.79	3773048.84	8.23E-07	0.00E+00	0.00E+00	0.00E+00	8.23E-07	1.26E-07	0.00E+00	0.00E+00	0.00E+00	1.26E-07	5.40E-08	0.00E+00	0.00E+00	0.00E+00	5.40E-08
854	462999.64	3773028.67	3.99E-07	0.00E+00	0.00E+00	0.00E+00	3.99E-07	6.11E-08	0.00E+00	0.00E+00	0.00E+00	6.11E-08	2.62E-08	0.00E+00	0.00E+00	0.00E+00	2.62E-08
855	462990.54	3773028.69	4.23E-07	0.00E+00	0.00E+00	0.00E+00	4.23E-07	6.47E-08	0.00E+00	0.00E+00	0.00E+00	6.47E-08	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08
856	462981.44	3773028.71	4.49E-07	0.00E+00	0.00E+00	0.00E+00	4.49E-07	6.88E-08	0.00E+00	0.00E+00	0.00E+00	6.88E-08	2.95E-08	0.00E+00	0.00E+00	0.00E+00	2.95E-08
857	462972.34	3773028.73	4.78E-07	0.00E+00	0.00E+00	0.00E+00	4.78E-07	7.32E-08	0.00E+00	0.00E+00	0.00E+00	7.32E-08	3.14E-08	0.00E+00	0.00E+00	0.00E+00	3.14E-08
858	462963.24	3773028.75	5.08E-07	0.00E+00	0.00E+00	0.00E+00	5.08E-07	7.77E-08	0.00E+00	0.00E+00	0.00E+00	7.77E-08	3.33E-08	0.00E+00	0.00E+00	0.00E+00	3.33E-08
859	462954.15	3773028.76	5.37E-07	0.00E+00	0.00E+00	0.00E+00	5.37E-07	8.22E-08	0.00E+00	0.00E+00	0.00E+00	8.22E-08	3.52E-08	0.00E+00	0.00E+00	0.00E+00	3.52E-08
860	462945.05	3773028.78	5.64E-07	0.00E+00	0.00E+00	0.00E+00	5.64E-07	8.64E-08	0.00E+00	0.00E+00	0.00E+00	8.64E-08	3.70E-08	0.00E+00	0.00E+00	0.00E+00	3.70E-08
861	462935.95	3773028.8	5.88E-07	0.00E+00	0.00E+00	0.00E+00	5.88E-07	9.00E-08	0.00E+00	0.00E+00	0.00E+00	9.00E-08	3.86E-08	0.00E+00	0.00E+00	0.00E+00	3.86E-08
862	462926.85	3773028.82	6.07E-07	0.00E+00	0.00E+00	0.00E+00	6.07E-07	9.30E-08	0.00E+00	0.00E+00	0.00E+00	9.30E-08	3.99E-08	0.00E+00	0.00E+00	0.00E+00	3.99E-08
863	462917.75	3773028.84	6.21E-07	0.00E+00	0.00E+00	0.00E+00	6.21E-07	9.50E-08	0.00E+00	0.00E+00	0.00E+00	9.50E-08	4.07E-08	0.00E+00	0.00E+00	0.00E+00	4.07E-08
864	462999.6	3773008.67	3.06E-07	0.00E+00	0.00E+00	0.00E+00	3.06E-07	4.69E-08	0.00E+00	0.00E+00	0.00E+00	4.69E-08	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08
865	462990.5	3773008.69	3.23E-07	0.00E+00	0.00E+00	0.00E+00	3.23E-07	4.95E-08	0.00E+00	0.00E+00	0.00E+00	4.95E-08	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08
866	462981.4	3773008.71	3.42E-07	0.00E+00	0.00E+00	0.00E+00	3.42E-07	5.24E-08	0.00E+00	0.00E+00	0.00E+00	5.24E-08	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08
867	462972.3	3773008.73	3.63E-07	0.00E+00	0.00E+00	0.00E+00	3.63E-07	5.56E-08	0.00E+00	0.00E+00	0.00E+00	5.56E-08	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.38E-08
868	462963.2	3773008.75	3.85E-07	0.00E+00	0.00E+00	0.00E+00	3.85E-07	5.89E-08	0.00E+00	0.00E+00	0.00E+00	5.89E-08	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08
869	462954.1	3773008.76	4.07E-07	0.00E+00	0.00E+00	0.00E+00	4.07E-07	6.23E-08	0.00E+00	0.00E+00	0.00E+00	6.23E-08	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08
870	462945	3773008.78	4.28E-07	0.00E+00	0.00E+00	0.00E+00	4.28E-07	6.56E-08	0.00E+00	0.00E+00	0.00E+00	6.56E-08	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08
871	462935.91	3773008.8	4.48E-07	0.00E+00	0.00E+00	0.00E+00	4.48E-07	6.86E-08	0.00E+00	0.00E+00	0.00E+00	6.86E-08	2.94E-08	0.00E+00	0.00E+00	0.00E+00	2.94E-08
872	462926.81	3773008.82	4.65E-07	0.00E+00	0.00E+00	0.00E+00	4.65E-07	7.12E-08	0.00E+00	0.00E+00	0.00E+00	7.12E-08	3.05E-08	0.00E+00	0.00E+00	0.00E+00	3.05E-08
873	462917.71	3773008.84	4.79E-07	0.00E+00	0.00E+00	0.00E+00	4.79E-07	7.33E-08	0.00E+00	0.00E+00	0.00E+00	7.33E-08	3.14E-08	0.00E+00	0.00E+00	0.00E+00	3.14E-08
874	462999.56	3772988.67	2.42E-07	0.00E+00	0.00E+00	0.00E+00	2.42E-07	3.70E-08	0.00E+00	0.00E+00	0.00E+00	3.70E-08	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08
875	462990.46	3772988.69	2.55E-07	0.00E+00	0.00E+00	0.00E+00	2.55E-07	3.90E-08	0.00E+00	0.00E+00	0.00E+00	3.90E-08	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08
876	462981.36	3772988.71	2.69E-07	0.00E+00	0.00E+00	0.00E+00	2.69E-07	4.12E-08	0.00E+00	0.00E+00	0.00E+00	4.12E-08	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08
877	462972.26	3772988.73	2.84E-07	0.00E+00	0.00E+00	0.00E+00	2.84E-07	4.35E-08	0.00E+00	0.00E+00	0.00E+00	4.35E-08	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08
878	462963.16	3772988.75	3.01E-07	0.00E+00	0.00E+00	0.00E+00	3.01E-07	4.61E-08	0.00E+00	0.00E+00	0.00E+00	4.61E-08	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08
879	462954.06	3772988.76	3.18E-07	0.00E+00	0.00E+00	0.00E+00	3.18E-07	4.86E-08	0.00E+00	0.00E+00	0.00E+00	4.86E-08	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08
880	462944.96	3772988.78	3.34E-07	0.00E+00	0.00E+00	0.00E+00	3.34E-07	5.12E-08	0.00E+00	0.00E+00	0.00E+00	5.12E-08	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08
881	462935.86	3772988.8	3.50E-07	0.00E+00	0.00E+00	0.00E+00	3.50E-07	5.36E-08	0.00E+00	0.00E+00	0.00E+00	5.36E-08	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08
882	462926.76	3772988.82	3.65E-07	0.00E+00	0.00E+00	0.00E+00	3.65E-07	5.58E-08	0.00E+00	0.00E+00	0.00E+00	5.58E-08	2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08
883	462917.67	3772988.84	3.77E-07	0.00E+00	0.00E+00	0.00E+00	3.77E-07	5.77E-08	0.00E+00	0.00E+00	0.00E+00	5.77E-08	2.48E-08	0.00E+00	0.00E+00	0.00E+00	2.48E-08
884	462999.52	3772968.67	1.96E-07	0.00E+00	0.00E+00	0.00E+00	1.96E-07	2.99E-08	0.00E+00	0.00E+00	0.00E+00	2.99E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08
885	462990.42	3772968.69	2.05E-07	0.00E+00	0.00E+00	0.00E+00	2.05E-07	3.14E-08	0.00E+00	0.00E+00	0.00E+00	3.14E-08	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08
886	462981.32	3772968.71	2.16E-07	0.00E+00	0.00E+00	0.00E+00	2.16E-07	3.31E-08	0.00E+00	0.00E+00	0.00E+00	3.31E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08
887	462972.22	3772968.73	2.28E-07	0.00E+00	0.00E+00	0.00E+00	2.28E-07	3.49E-08	0.00E+00	0.00E+00	0.00E+00	3.49E-08	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08
888	462963.12	3772968.75	2.41E-07	0.00E+00	0.00E+00	0.00E+00	2.41E-07	3.69E-08	0.00E+00	0.00E+00	0.00E+00	3.69E-08	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08
889	462954.02	3772968.76	2.54E-07	0.00E+00	0.00E+00	0.00E+00	2.54E-07	3.89E-08	0.00E+00	0.00E+00	0.00E+00	3.89E-08	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08
890	462944.92	3772968.78	2.67E-07	0.00E+00	0.00E+00	0.00E+00	2.67E-07	4.09E-08	0.00E+00	0.00E+00	0.00E+00	4.09E-08	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08
891	462935.82	3772968.8	2.80E-07	0.00E+00	0.00E+00	0.00E+00	2.80E-07	4.28E-08	0.00E+00	0.00E+00	0.00E+00	4.28E-08	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08
892	462926.72	3772968.82	2.92E-07	0.00E+00	0.00E+00	0.00E+00	2.92E-07	4.47E-08	0.00E+00	0.00E+00	0.00E+00	4.47E-08	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08
893	462917.62	3772968.84	3.03E-07	0.00E+00	0.00E+00	0.00E+00	3.03E-07	4.63E-08	0.00E+00	0.00E+00	0.00E+00	4.63E-08	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08
894	462999.47	3772948.67	1.61E-07	0.00E+00	0.00E+00	0.00E+00	1.61E-07	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08
895	462990.37	3772948.69	1.69E-07	0.00E+00	0.00E+00	0.00E+00	1.69E-07	2.58E-08	0.00E+00	0.00E+00	0.00E+00	2.58E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08
896	462981.28	3772948.71	1.77E-07	0.00E+00	0.00E+00	0.00E+00	1.77E-07	2.71E-08	0.00E+00	0.00E+00	0.00E+00	2.71E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08
897	462972.18	3772948.73	1.87E-07	0.00E+00	0.00E+00	0.00E+00	1.87E-07	2.86E-08	0.00E+00	0.00E+00	0.00E+00	2.86E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08
898	462963.08	3772948.75	1.96E-07	0.00E+00	0.00E+00	0.00E+00	1.96E-07	3.01E-08	0.00E+00	0.00E+00	0.00E+00	3.01E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08
899	462953.98	3772948.76	2.07E-07	0.00E+00	0.00E+00	0.00E+00	2.07E-07	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08
900	462944.88	3772948.78	2.17E-07	0.00E+00	0.00E+00	0.00E+00	2.17E-07	3.33E-08	0.00E+00	0.00E+00	0.00E+00	3.33E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08
901	462935.78	3772948.8	2.28E-07	0.00E+00	0.00E+00	0.00E+00	2.28E-07	3.48E-08	0.00E+00	0.00E+00	0.00E+00	3.48E-08	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08
902	462926.68	3772948.82	2.38E-07	0.00E+00	0.00E+00	0.00E+00	2.38E-07	3.64E-08	0.00E+00	0.00E+00	0.00E+00	3.64E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08
903	462917.58	3772948.84	2.47E-07	0.00E+00	0.00E+00	0.00E+00	2.47E-07	3.78E-08	0.00E+00	0.00E+00	0.00E+00	3.78E-08	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08
904	462999.43	3772928.67	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.85E-09	0.00E+00	0.00E+00	0.00E+00	8.85E-09
905	462990.33	3772928.69	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08	9.25E-09	0.00E+00	0.00E+00	0.00E+00	9.25E-09
906	462981.23	3772928.71	1.48E-07	0.00E+00	0.00E+00	0.00E+00	1.48E-07	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08	9.69E-09	0.00E+00	0.00E+00	0.00E+00	9.69E-09
907	462972.13	3772928.73	1.55E-07	0.00E+00	0.00E+00	0.00E+00	1.55E-07	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08
908	462963.04	3772928.75	1.63E-07	0.00E+00	0.00E+00	0.00E+00	1.63E-07	2.49E-08	0.00E+00	0.00E+00	0.00E+00	2.49E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08

909	462953.94	3772928.76	1.71E-07	0.00E+00	0.00E+00	0.00E+00	1.71E-07	2.62E-08	0.00E+00	0.00E+00	0.00E+00	2.62E-08	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08
910	462944.84	3772928.78	1.80E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-07	2.75E-08	0.00E+00	0.00E+00	0.00E+00	2.75E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08
911	462935.74	3772928.8	1.88E-07	0.00E+00	0.00E+00	0.00E+00	1.88E-07	2.88E-08	0.00E+00	0.00E+00	0.00E+00	2.88E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08
912	462926.64	3772928.82	1.96E-07	0.00E+00	0.00E+00	0.00E+00	1.96E-07	3.01E-08	0.00E+00	0.00E+00	0.00E+00	3.01E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08
913	462917.54	3772928.84	2.04E-07	0.00E+00	0.00E+00	0.00E+00	2.04E-07	3.13E-08	0.00E+00	0.00E+00	0.00E+00	3.13E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08
914	462999.39	3772908.67	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	7.51E-09	0.00E+00	0.00E+00	0.00E+00	7.51E-09
915	462990.29	3772908.69	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	7.83E-09	0.00E+00	0.00E+00	0.00E+00	7.83E-09
916	462981.19	3772908.71	1.25E-07	0.00E+00	0.00E+00	0.00E+00	1.25E-07	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	8.19E-09	0.00E+00	0.00E+00	0.00E+00	8.19E-09
917	462972.09	3772908.73	1.31E-07	0.00E+00	0.00E+00	0.00E+00	1.31E-07	2.00E-08	0.00E+00	0.00E+00	0.00E+00	2.00E-08	8.58E-09	0.00E+00	0.00E+00	0.00E+00	8.58E-09
918	462962.99	3772908.75	1.37E-07	0.00E+00	0.00E+00	0.00E+00	1.37E-07	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	9.00E-09	0.00E+00	0.00E+00	0.00E+00	9.00E-09
919	462953.89	3772908.76	1.44E-07	0.00E+00	0.00E+00	0.00E+00	1.44E-07	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08	9.43E-09	0.00E+00	0.00E+00	0.00E+00	9.43E-09
920	462944.8	3772908.78	1.51E-07	0.00E+00	0.00E+00	0.00E+00	1.51E-07	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.31E-08	9.88E-09	0.00E+00	0.00E+00	0.00E+00	9.88E-09
921	462935.7	3772908.8	1.58E-07	0.00E+00	0.00E+00	0.00E+00	1.58E-07	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
922	462926.6	3772908.82	1.64E-07	0.00E+00	0.00E+00	0.00E+00	1.64E-07	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08
923	462917.5	3772908.84	1.71E-07	0.00E+00	0.00E+00	0.00E+00	1.71E-07	2.62E-08	0.00E+00	0.00E+00	0.00E+00	2.62E-08	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08
924	462999.26	3772848.67	7.45E-08	0.00E+00	0.00E+00	0.00E+00	7.45E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	4.89E-09	0.00E+00	0.00E+00	0.00E+00	4.89E-09
925	462990.17	3772848.69	7.73E-08	0.00E+00	0.00E+00	0.00E+00	7.73E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	5.07E-09	0.00E+00	0.00E+00	0.00E+00	5.07E-09
926	462981.07	3772848.71	8.04E-08	0.00E+00	0.00E+00	0.00E+00	8.04E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	5.28E-09	0.00E+00	0.00E+00	0.00E+00	5.28E-09
927	462971.97	3772848.73	8.37E-08	0.00E+00	0.00E+00	0.00E+00	8.37E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	5.50E-09	0.00E+00	0.00E+00	0.00E+00	5.50E-09
928	462962.87	3772848.75	8.73E-08	0.00E+00	0.00E+00	0.00E+00	8.73E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	5.73E-09	0.00E+00	0.00E+00	0.00E+00	5.73E-09
929	462953.77	3772848.76	9.11E-08	0.00E+00	0.00E+00	0.00E+00	9.11E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	5.98E-09	0.00E+00	0.00E+00	0.00E+00	5.98E-09
930	462944.67	3772848.78	9.51E-08	0.00E+00	0.00E+00	0.00E+00	9.51E-08	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	6.24E-09	0.00E+00	0.00E+00	0.00E+00	6.24E-09
931	462935.57	3772848.8	9.91E-08	0.00E+00	0.00E+00	0.00E+00	9.91E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	6.51E-09	0.00E+00	0.00E+00	0.00E+00	6.51E-09
932	462926.47	3772848.82	1.03E-07	0.00E+00	0.00E+00	0.00E+00	1.03E-07	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	6.78E-09	0.00E+00	0.00E+00	0.00E+00	6.78E-09
933	462917.37	3772848.84	1.07E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-07	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	7.05E-09	0.00E+00	0.00E+00	0.00E+00	7.05E-09
934	462999.2	3772818.67	6.18E-08	0.00E+00	0.00E+00	0.00E+00	6.18E-08	9.47E-09	0.00E+00	0.00E+00	0.00E+00	9.47E-09	4.06E-09	0.00E+00	0.00E+00	0.00E+00	4.06E-09
935	462990.1	3772818.69	6.41E-08	0.00E+00	0.00E+00	0.00E+00	6.41E-08	9.81E-09	0.00E+00	0.00E+00	0.00E+00	9.81E-09	4.20E-09	0.00E+00	0.00E+00	0.00E+00	4.20E-09
936	462981	3772818.71	6.65E-08	0.00E+00	0.00E+00	0.00E+00	6.65E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	4.36E-09	0.00E+00	0.00E+00	0.00E+00	4.36E-09
937	462971.9	3772818.73	6.91E-08	0.00E+00	0.00E+00	0.00E+00	6.91E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	4.53E-09	0.00E+00	0.00E+00	0.00E+00	4.53E-09
938	462999.14	3772788.67	5.21E-08	0.00E+00	0.00E+00	0.00E+00	5.21E-08	7.98E-09	0.00E+00	0.00E+00	0.00E+00	7.98E-09	3.42E-09	0.00E+00	0.00E+00	0.00E+00	3.42E-09
939	462990.04	3772788.69	5.39E-08	0.00E+00	0.00E+00	0.00E+00	5.39E-08	8.25E-09	0.00E+00	0.00E+00	0.00E+00	8.25E-09	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09
940	462980.94	3772788.71	5.58E-08	0.00E+00	0.00E+00	0.00E+00	5.58E-08	8.54E-09	0.00E+00	0.00E+00	0.00E+00	8.54E-09	3.66E-09	0.00E+00	0.00E+00	0.00E+00	3.66E-09
941	462971.84	3772788.73	5.78E-08	0.00E+00	0.00E+00	0.00E+00	5.78E-08	8.85E-09	0.00E+00	0.00E+00	0.00E+00	8.85E-09	3.80E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-09
942	462944.55	3772788.78	6.48E-08	0.00E+00	0.00E+00	0.00E+00	6.48E-08	9.92E-09	0.00E+00	0.00E+00	0.00E+00	9.92E-09	4.25E-09	0.00E+00	0.00E+00	0.00E+00	4.25E-09
943	462935.45	3772788.8	6.73E-08	0.00E+00	0.00E+00	0.00E+00	6.73E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	4.42E-09	0.00E+00	0.00E+00	0.00E+00	4.42E-09
944	462926.35	3772788.82	7.00E-08	0.00E+00	0.00E+00	0.00E+00	7.00E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	4.59E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-09
945	462917.25	3772788.84	7.26E-08	0.00E+00	0.00E+00	0.00E+00	7.26E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	4.77E-09	0.00E+00	0.00E+00	0.00E+00	4.77E-09
946	462999.08	3772758.67	4.45E-08	0.00E+00	0.00E+00	0.00E+00	4.45E-08	6.82E-09	0.00E+00	0.00E+00	0.00E+00	6.82E-09	2.92E-09	0.00E+00	0.00E+00	0.00E+00	2.92E-09
947	462989.98	3772758.69	4.59E-08	0.00E+00	0.00E+00	0.00E+00	4.59E-08	7.03E-09	0.00E+00	0.00E+00	0.00E+00	7.03E-09	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09
948	462980.88	3772758.71	4.75E-08	0.00E+00	0.00E+00	0.00E+00	4.75E-08	7.27E-09	0.00E+00	0.00E+00	0.00E+00	7.27E-09	3.12E-09	0.00E+00	0.00E+00	0.00E+00	3.12E-09
949	462971.78	3772758.73	4.91E-08	0.00E+00	0.00E+00	0.00E+00	4.91E-08	7.52E-09	0.00E+00	0.00E+00	0.00E+00	7.52E-09	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09
950	462944.48	3772758.78	5.47E-08	0.00E+00	0.00E+00	0.00E+00	5.47E-08	8.37E-09	0.00E+00	0.00E+00	0.00E+00	8.37E-09	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09
951	462935.38	3772758.8	5.68E-08	0.00E+00	0.00E+00	0.00E+00	5.68E-08	8.69E-09	0.00E+00	0.00E+00	0.00E+00	8.69E-09	3.72E-09	0.00E+00	0.00E+00	0.00E+00	3.72E-09
952	462926.28	3772758.82	5.89E-08	0.00E+00	0.00E+00	0.00E+00	5.89E-08	9.01E-09	0.00E+00	0.00E+00	0.00E+00	9.01E-09	3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09
953	462917.19	3772758.84	6.10E-08	0.00E+00	0.00E+00	0.00E+00	6.10E-08	9.35E-09	0.00E+00	0.00E+00	0.00E+00	9.35E-09	4.01E-09	0.00E+00	0.00E+00	0.00E+00	4.01E-09
954	462999.01	3772728.67	3.85E-08	0.00E+00	0.00E+00	0.00E+00	3.85E-08	5.89E-09	0.00E+00	0.00E+00	0.00E+00	5.89E-09	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09
955	462989.91	3772728.69	3.96E-08	0.00E+00	0.00E+00	0.00E+00	3.96E-08	6.07E-09	0.00E+00	0.00E+00	0.00E+00	6.07E-09	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09
956	462980.82	3772728.71	4.09E-08	0.00E+00	0.00E+00	0.00E+00	4.09E-08	6.26E-09	0.00E+00	0.00E+00	0.00E+00	6.26E-09	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09
957	462971.72	3772728.73	4.22E-08	0.00E+00	0.00E+00	0.00E+00	4.22E-08	6.46E-09	0.00E+00	0.00E+00	0.00E+00	6.46E-09	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09
958	462944.42	3772728.78	4.67E-08	0.00E+00	0.00E+00	0.00E+00	4.67E-08	7.16E-09	0.00E+00	0.00E+00	0.00E+00	7.16E-09	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09
959	462935.32	3772728.8	4.84E-08	0.00E+00	0.00E+00	0.00E+00	4.84E-08	7.41E-09	0.00E+00	0.00E+00	0.00E+00	7.41E-09	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.18E-09
960	462926.22	3772728.82	5.02E-08	0.00E+00	0.00E+00	0.00E+00	5.02E-08	7.68E-09	0.00E+00	0.00E+00	0.00E+00	7.68E-09	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09
961	462917.12	3772728.84	5.20E-08	0.00E+00	0.00E+00	0.00E+00	5.20E-08	7.95E-09	0.00E+00	0.00E+00	0.00E+00	7.95E-09	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09
962	462998.89	3772668.67	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08	4.53E-09	0.00E+00	0.00E+00	0.00E+00	4.53E-09	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09
963	462989.79	3772668.69	3.04E-08	0.00E+00	0.00E+00	0.00E+00	3.04E-08	4.65E-09	0.00E+00	0.00E+00	0.00E+00	4.65E-09	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09
964	462980.69	3772668.71	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08	4.78E-09	0.00E+00	0.00E+00	0.00E+00	4.78E-09	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09
965	462971.59	3772668.73	3.21E-08	0.00E+00	0.00E+00	0.00E+00	3.21E-08	4.92E-09	0.00E+00	0.00E+00	0.00E+00	4.92E-09	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09

966	462962.49	3772668.75	3.31E-08	0.00E+00	0.00E+00	0.00E+00	3.31E-08	5.07E-09	0.00E+00	0.00E+00	0.00E+00	5.07E-09	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09
967	462953.39	3772668.77	3.42E-08	0.00E+00	0.00E+00	0.00E+00	3.42E-08	5.23E-09	0.00E+00	0.00E+00	0.00E+00	5.23E-09	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09
968	462944.29	3772668.78	3.53E-08	0.00E+00	0.00E+00	0.00E+00	3.53E-08	5.40E-09	0.00E+00	0.00E+00	0.00E+00	5.40E-09	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09
969	462935.2	3772668.8	3.64E-08	0.00E+00	0.00E+00	0.00E+00	3.64E-08	5.57E-09	0.00E+00	0.00E+00	0.00E+00	5.57E-09	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09
970	462926.1	3772668.82	3.76E-08	0.00E+00	0.00E+00	0.00E+00	3.76E-08	5.76E-09	0.00E+00	0.00E+00	0.00E+00	5.76E-09	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09
971	462917	3772668.84	3.89E-08	0.00E+00	0.00E+00	0.00E+00	3.89E-08	5.95E-09	0.00E+00	0.00E+00	0.00E+00	5.95E-09	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09
972	462998.83	3772638.67	2.63E-08	0.00E+00	0.00E+00	0.00E+00	2.63E-08	4.02E-09	0.00E+00	0.00E+00	0.00E+00	4.02E-09	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09
973	462989.73	3772638.69	2.69E-08	0.00E+00	0.00E+00	0.00E+00	2.69E-08	4.12E-09	0.00E+00	0.00E+00	0.00E+00	4.12E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09
974	462980.63	3772638.71	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08	4.23E-09	0.00E+00	0.00E+00	0.00E+00	4.23E-09	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09
975	462971.53	3772638.73	2.84E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-08	4.35E-09	0.00E+00	0.00E+00	0.00E+00	4.35E-09	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09
976	462962.43	3772638.75	2.92E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-08	4.48E-09	0.00E+00	0.00E+00	0.00E+00	4.48E-09	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09
977	462953.33	3772638.77	3.01E-08	0.00E+00	0.00E+00	0.00E+00	3.01E-08	4.61E-09	0.00E+00	0.00E+00	0.00E+00	4.61E-09	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09
978	462944.23	3772638.78	3.10E-08	0.00E+00	0.00E+00	0.00E+00	3.10E-08	4.75E-09	0.00E+00	0.00E+00	0.00E+00	4.75E-09	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09
979	462935.13	3772638.8	3.20E-08	0.00E+00	0.00E+00	0.00E+00	3.20E-08	4.90E-09	0.00E+00	0.00E+00	0.00E+00	4.90E-09	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09
980	462926.03	3772638.82	3.30E-08	0.00E+00	0.00E+00	0.00E+00	3.30E-08	5.05E-09	0.00E+00	0.00E+00	0.00E+00	5.05E-09	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09
981	462916.94	3772638.84	3.41E-08	0.00E+00	0.00E+00	0.00E+00	3.41E-08	5.21E-09	0.00E+00	0.00E+00	0.00E+00	5.21E-09	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09
982	462998.76	3772608.67	2.35E-08	0.00E+00	0.00E+00	0.00E+00	2.35E-08	3.60E-09	0.00E+00	0.00E+00	0.00E+00	3.60E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
983	462989.66	3772608.69	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	3.68E-09	0.00E+00	0.00E+00	0.00E+00	3.68E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
984	462980.57	3772608.71	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	3.78E-09	0.00E+00	0.00E+00	0.00E+00	3.78E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09
985	462971.47	3772608.73	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
986	462962.37	3772608.75	2.60E-08	0.00E+00	0.00E+00	0.00E+00	2.60E-08	3.98E-09	0.00E+00	0.00E+00	0.00E+00	3.98E-09	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09
987	462953.27	3772608.77	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08	4.10E-09	0.00E+00	0.00E+00	0.00E+00	4.10E-09	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09
988	462944.17	3772608.78	2.75E-08	0.00E+00	0.00E+00	0.00E+00	2.75E-08	4.22E-09	0.00E+00	0.00E+00	0.00E+00	4.22E-09	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09
989	462935.07	3772608.8	2.84E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-08	4.34E-09	0.00E+00	0.00E+00	0.00E+00	4.34E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
990	462925.97	3772608.82	2.92E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-08	4.47E-09	0.00E+00	0.00E+00	0.00E+00	4.47E-09	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09
991	462916.87	3772608.84	3.01E-08	0.00E+00	0.00E+00	0.00E+00	3.01E-08	4.61E-09	0.00E+00	0.00E+00	0.00E+00	4.61E-09	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09
992	463007.8	3772578.65	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
993	462998.7	3772578.67	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08	3.24E-09	0.00E+00	0.00E+00	0.00E+00	3.24E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
994	462989.6	3772578.69	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	3.31E-09	0.00E+00	0.00E+00	0.00E+00	3.31E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
995	462980.5	3772578.71	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08	3.39E-09	0.00E+00	0.00E+00	0.00E+00	3.39E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09
996	462971.4	3772578.73	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	3.48E-09	0.00E+00	0.00E+00	0.00E+00	3.48E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
997	462962.3	3772578.75	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08	3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09
998	462953.21	3772578.77	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	3.67E-09	0.00E+00	0.00E+00	0.00E+00	3.67E-09	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09
999	462944.11	3772578.78	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	3.77E-09	0.00E+00	0.00E+00	0.00E+00	3.77E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09
1000	462935.01	3772578.8	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
1001	462925.91	3772578.82	2.61E-08	0.00E+00	0.00E+00	0.00E+00	2.61E-08	3.99E-09	0.00E+00	0.00E+00	0.00E+00	3.99E-09	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09
1002	462916.81	3772578.84	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08	4.10E-09	0.00E+00	0.00E+00	0.00E+00	4.10E-09	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09
1003	462998.64	3772548.67	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08	2.94E-09	0.00E+00	0.00E+00	0.00E+00	2.94E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
1004	462989.54	3772548.69	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	3.00E-09	0.00E+00	0.00E+00	0.00E+00	3.00E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
1005	462980.44	3772548.71	2.00E-08	0.00E+00	0.00E+00	0.00E+00	2.00E-08	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09
1006	462971.34	3772548.73	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	3.14E-09	0.00E+00	0.00E+00	0.00E+00	3.14E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09
1007	462962.24	3772548.75	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
1008	462953.14	3772548.77	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
1009	462944.04	3772548.78	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	3.39E-09	0.00E+00	0.00E+00	0.00E+00	3.39E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09
1010	462934.95	3772548.8	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	3.48E-09	0.00E+00	0.00E+00	0.00E+00	3.48E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
1011	462925.85	3772548.82	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08	3.58E-09	0.00E+00	0.00E+00	0.00E+00	3.58E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09
1012	462916.75	3772548.84	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	3.68E-09	0.00E+00	0.00E+00	0.00E+00	3.68E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
1013	462998.55	3772508.67	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
1014	462989.46	3772508.69	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	2.65E-09	0.00E+00	0.00E+00	0.00E+00	2.65E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
1015	462980.36	3772508.71	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	2.71E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
1016	462971.26	3772508.73	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
1017	462962.16	3772508.75	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08	2.83E-09	0.00E+00	0.00E+00	0.00E+00	2.83E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
1018	462953.06	3772508.77	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	2.90E-09	0.00E+00	0.00E+00	0.00E+00	2.90E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
1019	462943.96	3772508.78	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08	2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
1020	462934.86	3772508.8	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.05E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09
1021	462925.76	3772508.82	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
1022	462916.66	3772508.84	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.21E-09	0.00E+00	0.00E+00	0.00E+00	3.21E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09

1023	462998.39	3772428.67	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09	8.93E-10	0.00E+00	0.00E+00	0.00E+00	8.93E-10
1024	462989.29	3772428.69	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09	9.09E-10	0.00E+00	0.00E+00	0.00E+00	9.09E-10
1025	462980.19	3772428.71	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-09	9.26E-10	0.00E+00	0.00E+00	0.00E+00	9.26E-10
1026	462971.09	3772428.73	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09	9.44E-10	0.00E+00	0.00E+00	0.00E+00	9.44E-10
1027	462961.99	3772428.75	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09	9.63E-10	0.00E+00	0.00E+00	0.00E+00	9.63E-10
1028	462952.89	3772428.77	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09	9.84E-10	0.00E+00	0.00E+00	0.00E+00	9.84E-10
1029	462943.79	3772428.78	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.35E-09	0.00E+00	0.00E+00	0.00E+00	2.35E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
1030	462934.69	3772428.8	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
1031	462925.6	3772428.82	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
1032	462916.5	3772428.84	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	2.51E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
1033	462998.3	3772388.67	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09	8.09E-10	0.00E+00	0.00E+00	0.00E+00	8.09E-10
1034	462989.21	3772388.69	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09	8.22E-10	0.00E+00	0.00E+00	0.00E+00	8.22E-10
1035	462980.11	3772388.71	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09	8.36E-10	0.00E+00	0.00E+00	0.00E+00	8.36E-10
1036	462971.01	3772388.73	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09	8.52E-10	0.00E+00	0.00E+00	0.00E+00	8.52E-10
1037	462961.91	3772388.75	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09	8.68E-10	0.00E+00	0.00E+00	0.00E+00	8.68E-10
1038	462952.81	3772388.77	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09	8.86E-10	0.00E+00	0.00E+00	0.00E+00	8.86E-10
1039	462943.71	3772388.78	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09	9.04E-10	0.00E+00	0.00E+00	0.00E+00	9.04E-10
1040	462934.61	3772388.8	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09	9.24E-10	0.00E+00	0.00E+00	0.00E+00	9.24E-10
1041	462925.51	3772388.82	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09	9.44E-10	0.00E+00	0.00E+00	0.00E+00	9.44E-10
1042	462916.41	3772388.84	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09	9.65E-10	0.00E+00	0.00E+00	0.00E+00	9.65E-10
1043	462998.22	3772348.67	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09	7.37E-10	0.00E+00	0.00E+00	0.00E+00	7.37E-10
1044	462989.12	3772348.69	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09	7.48E-10	0.00E+00	0.00E+00	0.00E+00	7.48E-10
1045	462980.02	3772348.71	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	7.61E-10	0.00E+00	0.00E+00	0.00E+00	7.61E-10
1046	462970.92	3772348.73	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09	7.74E-10	0.00E+00	0.00E+00	0.00E+00	7.74E-10
1047	462961.82	3772348.75	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09	7.88E-10	0.00E+00	0.00E+00	0.00E+00	7.88E-10
1048	462952.73	3772348.77	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09	8.03E-10	0.00E+00	0.00E+00	0.00E+00	8.03E-10
1049	462943.63	3772348.78	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	8.18E-10	0.00E+00	0.00E+00	0.00E+00	8.18E-10
1050	462934.53	3772348.8	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09	8.35E-10	0.00E+00	0.00E+00	0.00E+00	8.35E-10
1051	462925.43	3772348.82	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09	8.52E-10	0.00E+00	0.00E+00	0.00E+00	8.52E-10
1052	462916.33	3772348.84	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09	8.70E-10	0.00E+00	0.00E+00	0.00E+00	8.70E-10
1053	462998.14	3772308.67	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09	6.75E-10	0.00E+00	0.00E+00	0.00E+00	6.75E-10
1054	462989.04	3772308.69	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09	6.85E-10	0.00E+00	0.00E+00	0.00E+00	6.85E-10
1055	462979.94	3772308.71	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.96E-10	0.00E+00	0.00E+00	0.00E+00	6.96E-10
1056	462970.84	3772308.73	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.07E-10	0.00E+00	0.00E+00	0.00E+00	7.07E-10
1057	462961.74	3772308.75	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	7.19E-10	0.00E+00	0.00E+00	0.00E+00	7.19E-10
1058	462952.64	3772308.77	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.32E-10	0.00E+00	0.00E+00	0.00E+00	7.32E-10
1059	462943.54	3772308.78	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	7.45E-10	0.00E+00	0.00E+00	0.00E+00	7.45E-10
1060	462934.44	3772308.8	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	7.59E-10	0.00E+00	0.00E+00	0.00E+00	7.59E-10
1061	462925.34	3772308.82	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09	7.74E-10	0.00E+00	0.00E+00	0.00E+00	7.74E-10
1062	462916.25	3772308.84	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09	7.90E-10	0.00E+00	0.00E+00	0.00E+00	7.90E-10
1063	462998.05	3772268.67	9.48E-09	0.00E+00	0.00E+00	0.00E+00	9.48E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09	6.22E-10	0.00E+00	0.00E+00	0.00E+00	6.22E-10
1064	462988.95	3772268.69	9.61E-09	0.00E+00	0.00E+00	0.00E+00	9.61E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09	6.30E-10	0.00E+00	0.00E+00	0.00E+00	6.30E-10
1065	462979.86	3772268.71	9.75E-09	0.00E+00	0.00E+00	0.00E+00	9.75E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09	6.40E-10	0.00E+00	0.00E+00	0.00E+00	6.40E-10
1066	462970.76	3772268.73	9.90E-09	0.00E+00	0.00E+00	0.00E+00	9.90E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09	6.49E-10	0.00E+00	0.00E+00	0.00E+00	6.49E-10
1067	462961.66	3772268.75	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.60E-10	0.00E+00	0.00E+00	0.00E+00	6.60E-10
1068	462952.56	3772268.77	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09	6.71E-10	0.00E+00	0.00E+00	0.00E+00	6.71E-10
1069	462943.46	3772268.78	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09	6.82E-10	0.00E+00	0.00E+00	0.00E+00	6.82E-10
1070	462934.36	3772268.8	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.94E-10	0.00E+00	0.00E+00	0.00E+00	6.94E-10
1071	462925.26	3772268.82	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.07E-10	0.00E+00	0.00E+00	0.00E+00	7.07E-10
1072	462916.16	3772268.84	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	7.21E-10	0.00E+00	0.00E+00	0.00E+00	7.21E-10
1073	463032.11	3772238.96	8.58E-09	0.00E+00	0.00E+00	0.00E+00	8.58E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09	5.63E-10	0.00E+00	0.00E+00	0.00E+00	5.63E-10
1074	463040.46	3772242.4	8.56E-09	0.00E+00	0.00E+00	0.00E+00	8.56E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09	5.62E-10	0.00E+00	0.00E+00	0.00E+00	5.62E-10
1075	463057.16	3772249.28	8.54E-09	0.00E+00	0.00E+00	0.00E+00	8.54E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09	5.60E-10	0.00E+00	0.00E+00	0.00E+00	5.60E-10
1076	463065.5	3772252.71	8.54E-09	0.00E+00	0.00E+00	0.00E+00	8.54E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09	5.60E-10	0.00E+00	0.00E+00	0.00E+00	5.60E-10
1077	463073.85	3772256.15	8.54E-09	0.00E+00	0.00E+00	0.00E+00	8.54E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09	5.60E-10	0.00E+00	0.00E+00	0.00E+00	5.60E-10
1078	463441.15	3772407.4	9.98E-09	0.00E+00	0.00E+00	0.00E+00	9.98E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09	6.55E-10	0.00E+00	0.00E+00	0.00E+00	6.55E-10
1079	463457.85	3772414.28	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.58E-10	0.00E+00	0.00E+00	0.00E+00	6.58E-10

1080	463466.19	3772417.72	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.60E-10	0.00E+00	0.00E+00	0.00E+00	6.60E-10
1081	463474.54	3772421.15	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.62E-10	0.00E+00	0.00E+00	0.00E+00	6.62E-10
1082	463491.24	3772428.03	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09	6.64E-10	0.00E+00	0.00E+00	0.00E+00	6.64E-10
1083	463499.58	3772431.47	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09	6.66E-10	0.00E+00	0.00E+00	0.00E+00	6.66E-10
1084	463507.93	3772434.9	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09	6.68E-10	0.00E+00	0.00E+00	0.00E+00	6.68E-10
1085	463524.63	3772441.78	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09	6.71E-10	0.00E+00	0.00E+00	0.00E+00	6.71E-10
1086	462997.97	3772228.67	8.77E-09	0.00E+00	0.00E+00	0.00E+00	8.77E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	5.76E-10	0.00E+00	0.00E+00	0.00E+00	5.76E-10
1087	462988.87	3772228.69	8.89E-09	0.00E+00	0.00E+00	0.00E+00	8.89E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09	5.83E-10	0.00E+00	0.00E+00	0.00E+00	5.83E-10
1088	462979.77	3772228.71	9.01E-09	0.00E+00	0.00E+00	0.00E+00	9.01E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09	5.91E-10	0.00E+00	0.00E+00	0.00E+00	5.91E-10
1089	462970.67	3772228.73	9.13E-09	0.00E+00	0.00E+00	0.00E+00	9.13E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09	5.99E-10	0.00E+00	0.00E+00	0.00E+00	5.99E-10
1090	462961.57	3772228.75	9.27E-09	0.00E+00	0.00E+00	0.00E+00	9.27E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.09E-10	0.00E+00	0.00E+00	0.00E+00	6.09E-10
1091	462952.47	3772228.77	9.42E-09	0.00E+00	0.00E+00	0.00E+00	9.42E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09	6.18E-10	0.00E+00	0.00E+00	0.00E+00	6.18E-10
1092	462943.38	3772228.79	9.57E-09	0.00E+00	0.00E+00	0.00E+00	9.57E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09	6.28E-10	0.00E+00	0.00E+00	0.00E+00	6.28E-10
1093	462934.28	3772228.8	9.73E-09	0.00E+00	0.00E+00	0.00E+00	9.73E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09	6.39E-10	0.00E+00	0.00E+00	0.00E+00	6.39E-10
1094	462925.18	3772228.82	9.90E-09	0.00E+00	0.00E+00	0.00E+00	9.90E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09	6.50E-10	0.00E+00	0.00E+00	0.00E+00	6.50E-10
1095	462916.08	3772228.84	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.62E-10	0.00E+00	0.00E+00	0.00E+00	6.62E-10
1096	463032.15	3772199.01	7.99E-09	0.00E+00	0.00E+00	0.00E+00	7.99E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09	5.24E-10	0.00E+00	0.00E+00	0.00E+00	5.24E-10
1097	463040.54	3772202.47	7.97E-09	0.00E+00	0.00E+00	0.00E+00	7.97E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09	5.23E-10	0.00E+00	0.00E+00	0.00E+00	5.23E-10
1098	463048.93	3772205.92	7.96E-09	0.00E+00	0.00E+00	0.00E+00	7.96E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09	5.22E-10	0.00E+00	0.00E+00	0.00E+00	5.22E-10
1099	463057.31	3772209.38	7.95E-09	0.00E+00	0.00E+00	0.00E+00	7.95E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09	5.22E-10	0.00E+00	0.00E+00	0.00E+00	5.22E-10
1100	463099.25	3772226.65	7.98E-09	0.00E+00	0.00E+00	0.00E+00	7.98E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09	5.24E-10	0.00E+00	0.00E+00	0.00E+00	5.24E-10
1101	463107.64	3772230.1	8.00E-09	0.00E+00	0.00E+00	0.00E+00	8.00E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09	5.25E-10	0.00E+00	0.00E+00	0.00E+00	5.25E-10
1102	463116.03	3772233.56	8.02E-09	0.00E+00	0.00E+00	0.00E+00	8.02E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09	5.26E-10	0.00E+00	0.00E+00	0.00E+00	5.26E-10
1103	463124.42	3772237.01	8.04E-09	0.00E+00	0.00E+00	0.00E+00	8.04E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09	5.27E-10	0.00E+00	0.00E+00	0.00E+00	5.27E-10
1104	463132.81	3772240.46	8.07E-09	0.00E+00	0.00E+00	0.00E+00	8.07E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09	5.29E-10	0.00E+00	0.00E+00	0.00E+00	5.29E-10
1105	463141.19	3772243.92	8.09E-09	0.00E+00	0.00E+00	0.00E+00	8.09E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09	5.31E-10	0.00E+00	0.00E+00	0.00E+00	5.31E-10
1106	463149.58	3772247.37	8.13E-09	0.00E+00	0.00E+00	0.00E+00	8.13E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09	5.33E-10	0.00E+00	0.00E+00	0.00E+00	5.33E-10
1107	463157.97	3772250.83	8.16E-09	0.00E+00	0.00E+00	0.00E+00	8.16E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09	5.35E-10	0.00E+00	0.00E+00	0.00E+00	5.35E-10
1108	463166.36	3772254.28	8.19E-09	0.00E+00	0.00E+00	0.00E+00	8.19E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09	5.38E-10	0.00E+00	0.00E+00	0.00E+00	5.38E-10
1109	463174.75	3772257.73	8.24E-09	0.00E+00	0.00E+00	0.00E+00	8.24E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09	5.40E-10	0.00E+00	0.00E+00	0.00E+00	5.40E-10
1110	463434.78	3772364.81	9.27E-09	0.00E+00	0.00E+00	0.00E+00	9.27E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.09E-10	0.00E+00	0.00E+00	0.00E+00	6.09E-10
1111	463443.16	3772368.27	9.30E-09	0.00E+00	0.00E+00	0.00E+00	9.30E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.10E-10	0.00E+00	0.00E+00	0.00E+00	6.10E-10
1112	463451.55	3772371.72	9.31E-09	0.00E+00	0.00E+00	0.00E+00	9.31E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09	6.11E-10	0.00E+00	0.00E+00	0.00E+00	6.11E-10
1113	463459.94	3772375.17	9.33E-09	0.00E+00	0.00E+00	0.00E+00	9.33E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09	6.12E-10	0.00E+00	0.00E+00	0.00E+00	6.12E-10
1114	463468.33	3772378.63	9.35E-09	0.00E+00	0.00E+00	0.00E+00	9.35E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09	6.14E-10	0.00E+00	0.00E+00	0.00E+00	6.14E-10
1115	463485.1	3772385.54	9.39E-09	0.00E+00	0.00E+00	0.00E+00	9.39E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09	6.16E-10	0.00E+00	0.00E+00	0.00E+00	6.16E-10
1116	463493.49	3772388.99	9.41E-09	0.00E+00	0.00E+00	0.00E+00	9.41E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09	6.17E-10	0.00E+00	0.00E+00	0.00E+00	6.17E-10
1117	463501.88	3772392.45	9.43E-09	0.00E+00	0.00E+00	0.00E+00	9.43E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09	6.19E-10	0.00E+00	0.00E+00	0.00E+00	6.19E-10
1118	463510.27	3772395.9	9.44E-09	0.00E+00	0.00E+00	0.00E+00	9.44E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09	6.20E-10	0.00E+00	0.00E+00	0.00E+00	6.20E-10
1119	463527.04	3772402.81	9.49E-09	0.00E+00	0.00E+00	0.00E+00	9.49E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09	6.23E-10	0.00E+00	0.00E+00	0.00E+00	6.23E-10
1120	463535.43	3772406.26	9.51E-09	0.00E+00	0.00E+00	0.00E+00	9.51E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09	6.24E-10	0.00E+00	0.00E+00	0.00E+00	6.24E-10
1121	463543.82	3772409.72	9.53E-09	0.00E+00	0.00E+00	0.00E+00	9.53E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09	6.25E-10	0.00E+00	0.00E+00	0.00E+00	6.25E-10
1122	463552.21	3772413.17	9.55E-09	0.00E+00	0.00E+00	0.00E+00	9.55E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09	6.27E-10	0.00E+00	0.00E+00	0.00E+00	6.27E-10
1123	463568.99	3772420.08	9.59E-09	0.00E+00	0.00E+00	0.00E+00	9.59E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09	6.30E-10	0.00E+00	0.00E+00	0.00E+00	6.30E-10
1124	463594.15	3772430.44	9.66E-09	0.00E+00	0.00E+00	0.00E+00	9.66E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09	6.34E-10	0.00E+00	0.00E+00	0.00E+00	6.34E-10
1125	463602.54	3772433.89	9.69E-09	0.00E+00	0.00E+00	0.00E+00	9.69E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09	6.36E-10	0.00E+00	0.00E+00	0.00E+00	6.36E-10
1126	463610.93	3772437.35	9.71E-09	0.00E+00	0.00E+00	0.00E+00	9.71E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09	6.37E-10	0.00E+00	0.00E+00	0.00E+00	6.37E-10
1127	463619.31	3772440.8	9.73E-09	0.00E+00	0.00E+00	0.00E+00	9.73E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09	6.39E-10	0.00E+00	0.00E+00	0.00E+00	6.39E-10
1128	462997.89	3772188.67	8.15E-09	0.00E+00	0.00E+00	0.00E+00	8.15E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09	5.35E-10	0.00E+00	0.00E+00	0.00E+00	5.35E-10
1129	462988.79	3772188.69	8.25E-09	0.00E+00	0.00E+00	0.00E+00	8.25E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09	5.41E-10	0.00E+00	0.00E+00	0.00E+00	5.41E-10
1130	462979.69	3772188.71	8.36E-09	0.00E+00	0.00E+00	0.00E+00	8.36E-09	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09	5.48E-10	0.00E+00	0.00E+00	0.00E+00	5.48E-10
1131	462970.59	3772188.73	8.47E-09	0.00E+00	0.00E+00	0.00E+00	8.47E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09	5.56E-10	0.00E+00	0.00E+00	0.00E+00	5.56E-10
1132	462961.49	3772188.75	8.59E-09	0.00E+00	0.00E+00	0.00E+00	8.59E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09	5.64E-10	0.00E+00	0.00E+00	0.00E+00	5.64E-10
1133	462952.39	3772188.77	8.72E-09	0.00E+00	0.00E+00	0.00E+00	8.72E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.72E-10	0.00E+00	0.00E+00	0.00E+00	5.72E-10
1134	462943.29	3772188.79	8.85E-09	0.00E+00	0.00E+00	0.00E+00	8.85E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	5.81E-10	0.00E+00	0.00E+00	0.00E+00	5.81E-10
1135	462934.19	3772188.8	8.99E-09	0.00E+00	0.00E+00	0.00E+00	8.99E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09	5.90E-10	0.00E+00	0.00E+00	0.00E+00	5.90E-10
1136	462925.09	3772188.82	9.13E-09	0.00E+00	0.00E+00	0.00E+00	9.13E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09	5.99E-10	0.00E+00	0.00E+00	0.00E+00	5.99E-10

1137	462916	3772188.84	9.30E-09	0.00E+00	0.00E+00	0.00E+00	9.30E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.10E-10	0.00E+00	0.00E+00	0.00E+00	6.10E-10
1138	463031.88	3772158.94	7.46E-09	0.00E+00	0.00E+00	0.00E+00	7.46E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09	4.89E-10	0.00E+00	0.00E+00	0.00E+00	4.89E-10
1139	463048.53	3772165.8	7.44E-09	0.00E+00	0.00E+00	0.00E+00	7.44E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09	4.88E-10	0.00E+00	0.00E+00	0.00E+00	4.88E-10
1140	463056.86	3772169.22	7.43E-09	0.00E+00	0.00E+00	0.00E+00	7.43E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09	4.88E-10	0.00E+00	0.00E+00	0.00E+00	4.88E-10
1141	463065.19	3772172.65	7.43E-09	0.00E+00	0.00E+00	0.00E+00	7.43E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09	4.88E-10	0.00E+00	0.00E+00	0.00E+00	4.88E-10
1142	463081.84	3772179.51	7.44E-09	0.00E+00	0.00E+00	0.00E+00	7.44E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09	4.88E-10	0.00E+00	0.00E+00	0.00E+00	4.88E-10
1143	463090.17	3772182.94	7.44E-09	0.00E+00	0.00E+00	0.00E+00	7.44E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09	4.88E-10	0.00E+00	0.00E+00	0.00E+00	4.88E-10
1144	463106.82	3772189.8	7.47E-09	0.00E+00	0.00E+00	0.00E+00	7.47E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09	4.90E-10	0.00E+00	0.00E+00	0.00E+00	4.90E-10
1145	463115.14	3772193.23	7.49E-09	0.00E+00	0.00E+00	0.00E+00	7.49E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09	4.91E-10	0.00E+00	0.00E+00	0.00E+00	4.91E-10
1146	463123.47	3772196.65	7.51E-09	0.00E+00	0.00E+00	0.00E+00	7.51E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09	4.93E-10	0.00E+00	0.00E+00	0.00E+00	4.93E-10
1147	463140.12	3772203.51	7.56E-09	0.00E+00	0.00E+00	0.00E+00	7.56E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09	4.96E-10	0.00E+00	0.00E+00	0.00E+00	4.96E-10
1148	463148.45	3772206.94	7.59E-09	0.00E+00	0.00E+00	0.00E+00	7.59E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09	4.98E-10	0.00E+00	0.00E+00	0.00E+00	4.98E-10
1149	463198.41	3772227.51	7.80E-09	0.00E+00	0.00E+00	0.00E+00	7.80E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09	5.12E-10	0.00E+00	0.00E+00	0.00E+00	5.12E-10
1150	463206.73	3772230.94	7.83E-09	0.00E+00	0.00E+00	0.00E+00	7.83E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09	5.14E-10	0.00E+00	0.00E+00	0.00E+00	5.14E-10
1151	463223.39	3772237.8	7.92E-09	0.00E+00	0.00E+00	0.00E+00	7.92E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09	5.20E-10	0.00E+00	0.00E+00	0.00E+00	5.20E-10
1152	463231.71	3772241.23	7.95E-09	0.00E+00	0.00E+00	0.00E+00	7.95E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09	5.22E-10	0.00E+00	0.00E+00	0.00E+00	5.22E-10
1153	463240.04	3772244.66	8.00E-09	0.00E+00	0.00E+00	0.00E+00	8.00E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09	5.25E-10	0.00E+00	0.00E+00	0.00E+00	5.25E-10
1154	463256.69	3772251.51	8.07E-09	0.00E+00	0.00E+00	0.00E+00	8.07E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09	5.30E-10	0.00E+00	0.00E+00	0.00E+00	5.30E-10
1155	463265.02	3772254.94	8.11E-09	0.00E+00	0.00E+00	0.00E+00	8.11E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09	5.32E-10	0.00E+00	0.00E+00	0.00E+00	5.32E-10
1156	463439.87	3772326.95	8.68E-09	0.00E+00	0.00E+00	0.00E+00	8.68E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.70E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-10
1157	463456.53	3772333.8	8.71E-09	0.00E+00	0.00E+00	0.00E+00	8.71E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.72E-10	0.00E+00	0.00E+00	0.00E+00	5.72E-10
1158	463464.85	3772337.23	8.73E-09	0.00E+00	0.00E+00	0.00E+00	8.73E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	5.73E-10	0.00E+00	0.00E+00	0.00E+00	5.73E-10
1159	463473.18	3772340.66	8.74E-09	0.00E+00	0.00E+00	0.00E+00	8.74E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	5.74E-10	0.00E+00	0.00E+00	0.00E+00	5.74E-10
1160	463489.83	3772347.52	8.77E-09	0.00E+00	0.00E+00	0.00E+00	8.77E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	5.76E-10	0.00E+00	0.00E+00	0.00E+00	5.76E-10
1161	463498.16	3772350.95	8.79E-09	0.00E+00	0.00E+00	0.00E+00	8.79E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	5.77E-10	0.00E+00	0.00E+00	0.00E+00	5.77E-10
1162	463506.48	3772354.38	8.81E-09	0.00E+00	0.00E+00	0.00E+00	8.81E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	5.78E-10	0.00E+00	0.00E+00	0.00E+00	5.78E-10
1163	463523.14	3772361.23	8.84E-09	0.00E+00	0.00E+00	0.00E+00	8.84E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	5.80E-10	0.00E+00	0.00E+00	0.00E+00	5.80E-10
1164	463531.46	3772364.66	8.86E-09	0.00E+00	0.00E+00	0.00E+00	8.86E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09	5.81E-10	0.00E+00	0.00E+00	0.00E+00	5.81E-10
1165	463548.12	3772371.52	8.89E-09	0.00E+00	0.00E+00	0.00E+00	8.89E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09	5.84E-10	0.00E+00	0.00E+00	0.00E+00	5.84E-10
1166	463556.44	3772374.95	8.91E-09	0.00E+00	0.00E+00	0.00E+00	8.91E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09	5.85E-10	0.00E+00	0.00E+00	0.00E+00	5.85E-10
1167	463564.77	3772378.38	8.93E-09	0.00E+00	0.00E+00	0.00E+00	8.93E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09	5.86E-10	0.00E+00	0.00E+00	0.00E+00	5.86E-10
1168	463589.75	3772388.66	8.98E-09	0.00E+00	0.00E+00	0.00E+00	8.98E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09	5.90E-10	0.00E+00	0.00E+00	0.00E+00	5.90E-10
1169	463606.4	3772395.52	9.02E-09	0.00E+00	0.00E+00	0.00E+00	9.02E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09	5.92E-10	0.00E+00	0.00E+00	0.00E+00	5.92E-10
1170	463614.73	3772398.95	9.04E-09	0.00E+00	0.00E+00	0.00E+00	9.04E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09	5.93E-10	0.00E+00	0.00E+00	0.00E+00	5.93E-10
1171	463623.05	3772402.38	9.06E-09	0.00E+00	0.00E+00	0.00E+00	9.06E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09	5.95E-10	0.00E+00	0.00E+00	0.00E+00	5.95E-10
1172	463639.71	3772409.23	9.11E-09	0.00E+00	0.00E+00	0.00E+00	9.11E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09	5.98E-10	0.00E+00	0.00E+00	0.00E+00	5.98E-10
1173	463648.03	3772412.66	9.13E-09	0.00E+00	0.00E+00	0.00E+00	9.13E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09	5.99E-10	0.00E+00	0.00E+00	0.00E+00	5.99E-10
1174	463664.69	3772419.52	9.17E-09	0.00E+00	0.00E+00	0.00E+00	9.17E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09	6.02E-10	0.00E+00	0.00E+00	0.00E+00	6.02E-10
1175	463673.01	3772422.95	9.19E-09	0.00E+00	0.00E+00	0.00E+00	9.19E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09	6.03E-10	0.00E+00	0.00E+00	0.00E+00	6.03E-10
1176	463681.34	3772426.38	9.21E-09	0.00E+00	0.00E+00	0.00E+00	9.21E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09	6.04E-10	0.00E+00	0.00E+00	0.00E+00	6.04E-10
1177	463697.99	3772433.24	9.25E-09	0.00E+00	0.00E+00	0.00E+00	9.25E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.07E-10	0.00E+00	0.00E+00	0.00E+00	6.07E-10
1178	463706.32	3772436.66	9.27E-09	0.00E+00	0.00E+00	0.00E+00	9.27E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.09E-10	0.00E+00	0.00E+00	0.00E+00	6.09E-10
1179	462997.8	3772148.67	7.61E-09	0.00E+00	0.00E+00	0.00E+00	7.61E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09	4.99E-10	0.00E+00	0.00E+00	0.00E+00	4.99E-10
1180	462988.7	3772148.69	7.69E-09	0.00E+00	0.00E+00	0.00E+00	7.69E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09	5.05E-10	0.00E+00	0.00E+00	0.00E+00	5.05E-10
1181	462979.6	3772148.71	7.78E-09	0.00E+00	0.00E+00	0.00E+00	7.78E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09	5.11E-10	0.00E+00	0.00E+00	0.00E+00	5.11E-10
1182	462970.51	3772148.73	7.88E-09	0.00E+00	0.00E+00	0.00E+00	7.88E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09	5.17E-10	0.00E+00	0.00E+00	0.00E+00	5.17E-10
1183	462961.41	3772148.75	7.99E-09	0.00E+00	0.00E+00	0.00E+00	7.99E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09	5.24E-10	0.00E+00	0.00E+00	0.00E+00	5.24E-10
1184	462952.31	3772148.77	8.10E-09	0.00E+00	0.00E+00	0.00E+00	8.10E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09	5.32E-10	0.00E+00	0.00E+00	0.00E+00	5.32E-10
1185	462943.21	3772148.79	8.21E-09	0.00E+00	0.00E+00	0.00E+00	8.21E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09	5.39E-10	0.00E+00	0.00E+00	0.00E+00	5.39E-10
1186	462934.11	3772148.8	8.34E-09	0.00E+00	0.00E+00	0.00E+00	8.34E-09	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09	5.47E-10	0.00E+00	0.00E+00	0.00E+00	5.47E-10
1187	462925.01	3772148.82	8.47E-09	0.00E+00	0.00E+00	0.00E+00	8.47E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09	5.56E-10	0.00E+00	0.00E+00	0.00E+00	5.56E-10
1188	462915.91	3772148.84	8.61E-09	0.00E+00	0.00E+00	0.00E+00	8.61E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09	5.65E-10	0.00E+00	0.00E+00	0.00E+00	5.65E-10
1189	462908	3773148.93	4.17E-06	0.00E+00	0.00E+00	0.00E+00	4.17E-06	6.39E-07	0.00E+00	0.00E+00	0.00E+00	6.39E-07	2.74E-07	0.00E+00	0.00E+00	0.00E+00	2.74E-07
1190	462908.09	3773158.89	4.74E-06	0.00E+00	0.00E+00	0.00E+00	4.74E-06	7.25E-07	0.00E+00	0.00E+00	0.00E+00	7.25E-07	3.11E-07	0.00E+00	0.00E+00	0.00E+00	3.11E-07
1191	462908.18	3773168.84	5.23E-06	0.00E+00	0.00E+00	0.00E+00	5.23E-06	8.00E-07	0.00E+00	0.00E+00	0.00E+00	8.00E-07	3.43E-07	0.00E+00	0.00E+00	0.00E+00	3.43E-07
1192	462908.27	3773178.8	5.59E-06	0.00E+00	0.00E+00	0.00E+00	5.59E-06	8.55E-07	0.00E+00	0.00E+00	0.00E+00	8.55E-07	3.67E-07	0.00E+00	0.00E+00	0.00E+00	3.67E-07
1193	462908.36	3773188.75	5.79E-06	0.00E+00	0.00E+00	0.00E+00	5.79E-06	8.86E-07	0.00E+00	0.00E+00	0.00E+00	8.86E-07	3.80E-07	0.00E+00	0.00E+00	0.00E+00	3.80E-07

1194	462908.46	3773198.71	5.82E-06	0.00E+00	0.00E+00	0.00E+00	5.82E-06		8.91E-07	0.00E+00	0.00E+00	0.00E+00	8.91E-07		3.82E-07	0.00E+00	0.00E+00	0.00E+00	3.82E-07
1195	462908.55	3773208.66	5.67E-06	0.00E+00	0.00E+00	0.00E+00	5.67E-06		8.69E-07	0.00E+00	0.00E+00	0.00E+00	8.69E-07		3.72E-07	0.00E+00	0.00E+00	0.00E+00	3.72E-07
1196	462908.64	3773218.62	5.37E-06	0.00E+00	0.00E+00	0.00E+00	5.37E-06		8.22E-07	0.00E+00	0.00E+00	0.00E+00	8.22E-07		3.52E-07	0.00E+00	0.00E+00	0.00E+00	3.52E-07
1197	462908.73	3773228.57	4.90E-06	0.00E+00	0.00E+00	0.00E+00	4.90E-06		7.50E-07	0.00E+00	0.00E+00	0.00E+00	7.50E-07		3.22E-07	0.00E+00	0.00E+00	0.00E+00	3.22E-07
1198	462908.82	3773238.53	4.33E-06	0.00E+00	0.00E+00	0.00E+00	4.33E-06		6.63E-07	0.00E+00	0.00E+00	0.00E+00	6.63E-07		2.84E-07	0.00E+00	0.00E+00	0.00E+00	2.84E-07
1199	462900.89	3773141.9	3.11E-06	0.00E+00	0.00E+00	0.00E+00	3.11E-06		4.75E-07	0.00E+00	0.00E+00	0.00E+00	4.75E-07		2.04E-07	0.00E+00	0.00E+00	0.00E+00	2.04E-07
1200	462898.09	3773158.98	3.39E-06	0.00E+00	0.00E+00	0.00E+00	3.39E-06		5.20E-07	0.00E+00	0.00E+00	0.00E+00	5.20E-07		2.23E-07	0.00E+00	0.00E+00	0.00E+00	2.23E-07
1201	462898.18	3773168.93	3.63E-06	0.00E+00	0.00E+00	0.00E+00	3.63E-06		5.56E-07	0.00E+00	0.00E+00	0.00E+00	5.56E-07		2.38E-07	0.00E+00	0.00E+00	0.00E+00	2.38E-07
1202	462898.27	3773178.89	3.80E-06	0.00E+00	0.00E+00	0.00E+00	3.80E-06		5.81E-07	0.00E+00	0.00E+00	0.00E+00	5.81E-07		2.49E-07	0.00E+00	0.00E+00	0.00E+00	2.49E-07
1203	462898.36	3773188.84	3.87E-06	0.00E+00	0.00E+00	0.00E+00	3.87E-06		5.93E-07	0.00E+00	0.00E+00	0.00E+00	5.93E-07		2.54E-07	0.00E+00	0.00E+00	0.00E+00	2.54E-07
1204	462898.46	3773198.8	3.85E-06	0.00E+00	0.00E+00	0.00E+00	3.85E-06		5.89E-07	0.00E+00	0.00E+00	0.00E+00	5.89E-07		2.52E-07	0.00E+00	0.00E+00	0.00E+00	2.52E-07
1205	462898.55	3773208.75	3.72E-06	0.00E+00	0.00E+00	0.00E+00	3.72E-06		5.69E-07	0.00E+00	0.00E+00	0.00E+00	5.69E-07		2.44E-07	0.00E+00	0.00E+00	0.00E+00	2.44E-07
1206	462898.64	3773218.71	3.50E-06	0.00E+00	0.00E+00	0.00E+00	3.50E-06		5.36E-07	0.00E+00	0.00E+00	0.00E+00	5.36E-07		2.30E-07	0.00E+00	0.00E+00	0.00E+00	2.30E-07
1207	462898.73	3773228.66	3.22E-06	0.00E+00	0.00E+00	0.00E+00	3.22E-06		4.93E-07	0.00E+00	0.00E+00	0.00E+00	4.93E-07		2.11E-07	0.00E+00	0.00E+00	0.00E+00	2.11E-07
1208	462898.82	3773238.62	2.91E-06	0.00E+00	0.00E+00	0.00E+00	2.91E-06		4.45E-07	0.00E+00	0.00E+00	0.00E+00	4.45E-07		1.91E-07	0.00E+00	0.00E+00	0.00E+00	1.91E-07
1209	462890.89	3773141.99	2.42E-06	0.00E+00	0.00E+00	0.00E+00	2.42E-06		3.70E-07	0.00E+00	0.00E+00	0.00E+00	3.70E-07		1.59E-07	0.00E+00	0.00E+00	0.00E+00	1.59E-07
1210	462903.76	3773124.78	2.58E-06	0.00E+00	0.00E+00	0.00E+00	2.58E-06		3.95E-07	0.00E+00	0.00E+00	0.00E+00	3.95E-07		1.69E-07	0.00E+00	0.00E+00	0.00E+00	1.69E-07
1211	462888.09	3773159.07	2.53E-06	0.00E+00	0.00E+00	0.00E+00	2.53E-06		3.87E-07	0.00E+00	0.00E+00	0.00E+00	3.87E-07		1.66E-07	0.00E+00	0.00E+00	0.00E+00	1.66E-07
1212	462888.18	3773169.02	2.64E-06	0.00E+00	0.00E+00	0.00E+00	2.64E-06		4.04E-07	0.00E+00	0.00E+00	0.00E+00	4.04E-07		1.73E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-07
1213	462888.27	3773178.98	2.71E-06	0.00E+00	0.00E+00	0.00E+00	2.71E-06		4.15E-07	0.00E+00	0.00E+00	0.00E+00	4.15E-07		1.78E-07	0.00E+00	0.00E+00	0.00E+00	1.78E-07
1214	462888.37	3773188.93	2.73E-06	0.00E+00	0.00E+00	0.00E+00	2.73E-06		4.17E-07	0.00E+00	0.00E+00	0.00E+00	4.17E-07		1.79E-07	0.00E+00	0.00E+00	0.00E+00	1.79E-07
1215	462888.46	3773198.89	2.69E-06	0.00E+00	0.00E+00	0.00E+00	2.69E-06		4.11E-07	0.00E+00	0.00E+00	0.00E+00	4.11E-07		1.76E-07	0.00E+00	0.00E+00	0.00E+00	1.76E-07
1216	462888.55	3773208.84	2.59E-06	0.00E+00	0.00E+00	0.00E+00	2.59E-06		3.97E-07	0.00E+00	0.00E+00	0.00E+00	3.97E-07		1.70E-07	0.00E+00	0.00E+00	0.00E+00	1.70E-07
1217	462888.64	3773218.8	2.45E-06	0.00E+00	0.00E+00	0.00E+00	2.45E-06		3.75E-07	0.00E+00	0.00E+00	0.00E+00	3.75E-07		1.61E-07	0.00E+00	0.00E+00	0.00E+00	1.61E-07
1218	462888.73	3773228.75	2.28E-06	0.00E+00	0.00E+00	0.00E+00	2.28E-06		3.49E-07	0.00E+00	0.00E+00	0.00E+00	3.49E-07		1.50E-07	0.00E+00	0.00E+00	0.00E+00	1.50E-07
1219	462888.82	3773238.71	2.09E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06		3.20E-07	0.00E+00	0.00E+00	0.00E+00	3.20E-07		1.37E-07	0.00E+00	0.00E+00	0.00E+00	1.37E-07
1220	462880.89	3773142.08	1.91E-06	0.00E+00	0.00E+00	0.00E+00	1.91E-06		2.93E-07	0.00E+00	0.00E+00	0.00E+00	2.93E-07		1.25E-07	0.00E+00	0.00E+00	0.00E+00	1.25E-07
1221	462886.67	3773127.84	1.93E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06		2.96E-07	0.00E+00	0.00E+00	0.00E+00	2.96E-07		1.27E-07	0.00E+00	0.00E+00	0.00E+00	1.27E-07
1222	462896.65	3773117.75	2.06E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-06		3.15E-07	0.00E+00	0.00E+00	0.00E+00	3.15E-07		1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07
1223	462878.09	3773159.16	1.93E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06		2.96E-07	0.00E+00	0.00E+00	0.00E+00	2.96E-07		1.27E-07	0.00E+00	0.00E+00	0.00E+00	1.27E-07
1224	462878.18	3773169.12	1.99E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06		3.04E-07	0.00E+00	0.00E+00	0.00E+00	3.04E-07		1.30E-07	0.00E+00	0.00E+00	0.00E+00	1.30E-07
1225	462878.27	3773179.07	2.01E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06		3.08E-07	0.00E+00	0.00E+00	0.00E+00	3.08E-07		1.32E-07	0.00E+00	0.00E+00	0.00E+00	1.32E-07
1226	462878.37	3773189.03	2.01E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06		3.07E-07	0.00E+00	0.00E+00	0.00E+00	3.07E-07		1.32E-07	0.00E+00	0.00E+00	0.00E+00	1.32E-07
1227	462878.46	3773198.98	1.97E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06		3.01E-07	0.00E+00	0.00E+00	0.00E+00	3.01E-07		1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07
1228	462878.55	3773208.94	1.90E-06	0.00E+00	0.00E+00	0.00E+00	1.90E-06		2.91E-07	0.00E+00	0.00E+00	0.00E+00	2.91E-07		1.25E-07	0.00E+00	0.00E+00	0.00E+00	1.25E-07
1229	462878.64	3773218.89	1.81E-06	0.00E+00	0.00E+00	0.00E+00	1.81E-06		2.77E-07	0.00E+00	0.00E+00	0.00E+00	2.77E-07		1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07
1230	462878.73	3773228.85	1.70E-06	0.00E+00	0.00E+00	0.00E+00	1.70E-06		2.60E-07	0.00E+00	0.00E+00	0.00E+00	2.60E-07		1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07
1231	462878.82	3773238.8	1.58E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06		2.42E-07	0.00E+00	0.00E+00	0.00E+00	2.42E-07		1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07
1232	462871.61	3773140.39	1.55E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06		2.37E-07	0.00E+00	0.00E+00	0.00E+00	2.37E-07		1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07
1233	462875.22	3773131.49	1.59E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06		2.43E-07	0.00E+00	0.00E+00	0.00E+00	2.43E-07		1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07
1234	462878.84	3773122.59	1.59E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06		2.43E-07	0.00E+00	0.00E+00	0.00E+00	2.43E-07		1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07
1235	462891.31	3773109.97	1.71E-06	0.00E+00	0.00E+00	0.00E+00	1.71E-06		2.62E-07	0.00E+00	0.00E+00	0.00E+00	2.62E-07		1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07
1236	462900.17	3773106.26	1.83E-06	0.00E+00	0.00E+00	0.00E+00	1.83E-06		2.81E-07	0.00E+00	0.00E+00	0.00E+00	2.81E-07		1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07
1237	462909.03	3773102.55	1.91E-06	0.00E+00	0.00E+00	0.00E+00	1.91E-06		2.92E-07	0.00E+00	0.00E+00	0.00E+00	2.92E-07		1.25E-07	0.00E+00	0.00E+00	0.00E+00	1.25E-07
1238	462868	3773149.3	1.48E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06		2.26E-07	0.00E+00	0.00E+00	0.00E+00	2.26E-07		9.69E-08	0.00E+00	0.00E+00	0.00E+00	9.69E-08
1239	462868.09	3773159.25	1.52E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06		2.32E-07	0.00E+00	0.00E+00	0.00E+00	2.32E-07		9.95E-08	0.00E+00	0.00E+00	0.00E+00	9.95E-08
1240	462868.18	3773169.21	1.54E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06		2.36E-07	0.00E+00	0.00E+00	0.00E+00	2.36E-07		1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07
1241	462868.28	3773179.16	1.54E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06		2.36E-07	0.00E+00	0.00E+00	0.00E+00	2.36E-07		1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07
1242	462868.37	3773189.12	1.53E-06	0.00E+00	0.00E+00	0.00E+00	1.53E-06		2.34E-07	0.00E+00	0.00E+00	0.00E+00	2.34E-07		1.00E-07	0.00E+00	0.00E+00	0.00E+00	1.00E-07
1243	462868.46	3773199.07	1.50E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06		2.29E-07	0.00E+00	0.00E+00	0.00E+00	2.29E-07		9.83E-08	0.00E+00	0.00E+00	0.00E+00	9.83E-08
1244	462868.55	3773209.03	1.45E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06		2.22E-07	0.00E+00	0.00E+00	0.00E+00	2.22E-07		9.51E-08	0.00E+00	0.00E+00	0.00E+00	9.51E-08
1245	462868.64	3773218.98	1.39E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06		2.12E-07	0.00E+00	0.00E+00	0.00E+00	2.12E-07		9.10E-08	0.00E+00	0.00E+00	0.00E+00	9.10E-08
1246	462868.73	3773228.94	1.31E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06		2.01E-07	0.00E+00	0.00E+00	0.00E+00	2.01E-07		8.63E-08	0.00E+00	0.00E+00	0.00E+00	8.63E-08
1247	462868.82	3773238.89	1.23E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06		1.89E-07	0.00E+00	0.00E+00	0.00E+00	1.89E-07		8.10E-08	0.00E+00	0.00E+00	0.00E+00	8.10E-08
1248	462861.47	3773140.84	1.26E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06		1.92E-07	0.00E+00	0.00E+00	0.00E+00	1.92E-07		8.24E-08	0.00E+00	0.00E+00	0.00E+00	8.24E-08
1249	462864.94	3773132.29	1.30E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06		1.99E-07	0.00E+00	0.00E+00	0.00E+00	1.99E-07		8.54E-08	0.00E+00	0.00E+00	0.00E+00	8.54E-08
1250	462868.4	3773123.75	1.33E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06		2.03E-07	0.00E+00	0.00E+00	0.00E+00	2.03E-07		8.72E-08	0.00E+00	0.00E+00	0.00E+00	8.72E-08

1251	462871.87	3773115.2	1.33E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	2.04E-07	0.00E+00	0.00E+00	0.00E+00	2.04E-07	8.74E-08	0.00E+00	0.00E+00	0.00E+00	8.74E-08
1252	462883.84	3773103.09	1.43E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	2.18E-07	0.00E+00	0.00E+00	0.00E+00	2.18E-07	9.36E-08	0.00E+00	0.00E+00	0.00E+00	9.36E-08
1253	462892.35	3773099.53	1.52E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	2.33E-07	0.00E+00	0.00E+00	0.00E+00	2.33E-07	9.98E-08	0.00E+00	0.00E+00	0.00E+00	9.98E-08
1254	462900.86	3773095.97	1.58E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	2.43E-07	0.00E+00	0.00E+00	0.00E+00	2.43E-07	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07
1255	462909.37	3773092.4	1.61E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	2.46E-07	0.00E+00	0.00E+00	0.00E+00	2.46E-07	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07
1256	462858	3773149.39	1.19E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	1.83E-07	0.00E+00	0.00E+00	0.00E+00	1.83E-07	7.83E-08	0.00E+00	0.00E+00	0.00E+00	7.83E-08
1257	462858.09	3773159.34	1.21E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	1.85E-07	0.00E+00	0.00E+00	0.00E+00	1.85E-07	7.95E-08	0.00E+00	0.00E+00	0.00E+00	7.95E-08
1258	462858.18	3773169.3	1.22E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	1.87E-07	0.00E+00	0.00E+00	0.00E+00	1.87E-07	8.00E-08	0.00E+00	0.00E+00	0.00E+00	8.00E-08
1259	462858.28	3773179.25	1.22E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	1.86E-07	0.00E+00	0.00E+00	0.00E+00	1.86E-07	7.98E-08	0.00E+00	0.00E+00	0.00E+00	7.98E-08
1260	462858.37	3773189.21	1.20E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	1.84E-07	0.00E+00	0.00E+00	0.00E+00	1.84E-07	7.88E-08	0.00E+00	0.00E+00	0.00E+00	7.88E-08
1261	462858.46	3773199.16	1.18E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	1.80E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-07	7.71E-08	0.00E+00	0.00E+00	0.00E+00	7.71E-08
1262	462858.55	3773209.12	1.14E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	1.74E-07	0.00E+00	0.00E+00	0.00E+00	1.74E-07	7.48E-08	0.00E+00	0.00E+00	0.00E+00	7.48E-08
1263	462858.64	3773219.07	1.10E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	1.68E-07	0.00E+00	0.00E+00	0.00E+00	1.68E-07	7.20E-08	0.00E+00	0.00E+00	0.00E+00	7.20E-08
1264	462858.73	3773229.03	1.05E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	1.60E-07	0.00E+00	0.00E+00	0.00E+00	1.60E-07	6.87E-08	0.00E+00	0.00E+00	0.00E+00	6.87E-08
1265	462858.82	3773238.98	9.91E-07	0.00E+00	0.00E+00	0.00E+00	9.91E-07	1.52E-07	0.00E+00	0.00E+00	0.00E+00	1.52E-07	6.50E-08	0.00E+00	0.00E+00	0.00E+00	6.50E-08
1266	462851.37	3773141.17	1.03E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	1.58E-07	0.00E+00	0.00E+00	0.00E+00	1.58E-07	6.77E-08	0.00E+00	0.00E+00	0.00E+00	6.77E-08
1267	462854.74	3773132.86	1.08E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	1.65E-07	0.00E+00	0.00E+00	0.00E+00	1.65E-07	7.07E-08	0.00E+00	0.00E+00	0.00E+00	7.07E-08
1268	462861.48	3773116.24	1.13E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	1.73E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-07	7.41E-08	0.00E+00	0.00E+00	0.00E+00	7.41E-08
1269	462876.5	3773096.16	1.21E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	1.85E-07	0.00E+00	0.00E+00	0.00E+00	1.85E-07	7.93E-08	0.00E+00	0.00E+00	0.00E+00	7.93E-08
1270	462893.04	3773089.23	1.34E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	2.05E-07	0.00E+00	0.00E+00	0.00E+00	2.05E-07	8.79E-08	0.00E+00	0.00E+00	0.00E+00	8.79E-08
1271	462848.09	3773159.43	9.84E-07	0.00E+00	0.00E+00	0.00E+00	9.84E-07	1.51E-07	0.00E+00	0.00E+00	0.00E+00	1.51E-07	6.46E-08	0.00E+00	0.00E+00	0.00E+00	6.46E-08
1272	462848.18	3773169.39	9.84E-07	0.00E+00	0.00E+00	0.00E+00	9.84E-07	1.51E-07	0.00E+00	0.00E+00	0.00E+00	1.51E-07	6.46E-08	0.00E+00	0.00E+00	0.00E+00	6.46E-08
1273	462848.28	3773179.34	9.78E-07	0.00E+00	0.00E+00	0.00E+00	9.78E-07	1.50E-07	0.00E+00	0.00E+00	0.00E+00	1.50E-07	6.42E-08	0.00E+00	0.00E+00	0.00E+00	6.42E-08
1274	462848.37	3773189.3	9.64E-07	0.00E+00	0.00E+00	0.00E+00	9.64E-07	1.48E-07	0.00E+00	0.00E+00	0.00E+00	1.48E-07	6.33E-08	0.00E+00	0.00E+00	0.00E+00	6.33E-08
1275	462848.46	3773199.25	9.45E-07	0.00E+00	0.00E+00	0.00E+00	9.45E-07	1.45E-07	0.00E+00	0.00E+00	0.00E+00	1.45E-07	6.20E-08	0.00E+00	0.00E+00	0.00E+00	6.20E-08
1276	462848.55	3773209.21	9.19E-07	0.00E+00	0.00E+00	0.00E+00	9.19E-07	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	6.03E-08	0.00E+00	0.00E+00	0.00E+00	6.03E-08
1277	462848.64	3773219.16	8.88E-07	0.00E+00	0.00E+00	0.00E+00	8.88E-07	1.36E-07	0.00E+00	0.00E+00	0.00E+00	1.36E-07	5.83E-08	0.00E+00	0.00E+00	0.00E+00	5.83E-08
1278	462848.73	3773229.12	8.52E-07	0.00E+00	0.00E+00	0.00E+00	8.52E-07	1.30E-07	0.00E+00	0.00E+00	0.00E+00	1.30E-07	5.59E-08	0.00E+00	0.00E+00	0.00E+00	5.59E-08
1279	462848.82	3773239.07	8.13E-07	0.00E+00	0.00E+00	0.00E+00	8.13E-07	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07	5.33E-08	0.00E+00	0.00E+00	0.00E+00	5.33E-08
1280	462841.3	3773141.43	8.56E-07	0.00E+00	0.00E+00	0.00E+00	8.56E-07	1.31E-07	0.00E+00	0.00E+00	0.00E+00	1.31E-07	5.62E-08	0.00E+00	0.00E+00	0.00E+00	5.62E-08
1281	462847.91	3773125.15	9.33E-07	0.00E+00	0.00E+00	0.00E+00	9.33E-07	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	6.12E-08	0.00E+00	0.00E+00	0.00E+00	6.12E-08
1282	462854.51	3773108.87	9.74E-07	0.00E+00	0.00E+00	0.00E+00	9.74E-07	1.49E-07	0.00E+00	0.00E+00	0.00E+00	1.49E-07	6.39E-08	0.00E+00	0.00E+00	0.00E+00	6.39E-08
1283	462869.22	3773089.2	1.04E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	1.59E-07	0.00E+00	0.00E+00	0.00E+00	1.59E-07	6.81E-08	0.00E+00	0.00E+00	0.00E+00	6.81E-08
1284	462885.42	3773082.41	1.15E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	1.75E-07	0.00E+00	0.00E+00	0.00E+00	1.75E-07	7.52E-08	0.00E+00	0.00E+00	0.00E+00	7.52E-08
1285	462901.63	3773075.63	1.18E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	1.81E-07	0.00E+00	0.00E+00	0.00E+00	1.81E-07	7.74E-08	0.00E+00	0.00E+00	0.00E+00	7.74E-08
1286	462838.09	3773159.53	8.11E-07	0.00E+00	0.00E+00	0.00E+00	8.11E-07	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07	5.32E-08	0.00E+00	0.00E+00	0.00E+00	5.32E-08
1287	462838.19	3773169.48	8.08E-07	0.00E+00	0.00E+00	0.00E+00	8.08E-07	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07	5.30E-08	0.00E+00	0.00E+00	0.00E+00	5.30E-08
1288	462838.28	3773179.44	8.01E-07	0.00E+00	0.00E+00	0.00E+00	8.01E-07	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	5.26E-08	0.00E+00	0.00E+00	0.00E+00	5.26E-08
1289	462838.37	3773189.39	7.90E-07	0.00E+00	0.00E+00	0.00E+00	7.90E-07	1.21E-07	0.00E+00	0.00E+00	0.00E+00	1.21E-07	5.18E-08	0.00E+00	0.00E+00	0.00E+00	5.18E-08
1290	462838.46	3773199.35	7.74E-07	0.00E+00	0.00E+00	0.00E+00	7.74E-07	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07	5.08E-08	0.00E+00	0.00E+00	0.00E+00	5.08E-08
1291	462838.55	3773209.3	7.55E-07	0.00E+00	0.00E+00	0.00E+00	7.55E-07	1.16E-07	0.00E+00	0.00E+00	0.00E+00	1.16E-07	4.96E-08	0.00E+00	0.00E+00	0.00E+00	4.96E-08
1292	462838.64	3773219.26	7.33E-07	0.00E+00	0.00E+00	0.00E+00	7.33E-07	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07	4.81E-08	0.00E+00	0.00E+00	0.00E+00	4.81E-08
1293	462838.73	3773229.21	7.07E-07	0.00E+00	0.00E+00	0.00E+00	7.07E-07	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	4.64E-08	0.00E+00	0.00E+00	0.00E+00	4.64E-08
1294	462838.82	3773239.17	6.78E-07	0.00E+00	0.00E+00	0.00E+00	6.78E-07	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07	4.45E-08	0.00E+00	0.00E+00	0.00E+00	4.45E-08
1295	462831.72	3773140.5	7.24E-07	0.00E+00	0.00E+00	0.00E+00	7.24E-07	1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07	4.75E-08	0.00E+00	0.00E+00	0.00E+00	4.75E-08
1296	462835.43	3773131.35	7.65E-07	0.00E+00	0.00E+00	0.00E+00	7.65E-07	1.17E-07	0.00E+00	0.00E+00	0.00E+00	1.17E-07	5.02E-08	0.00E+00	0.00E+00	0.00E+00	5.02E-08
1297	462839.15	3773122.19	8.01E-07	0.00E+00	0.00E+00	0.00E+00	8.01E-07	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	5.25E-08	0.00E+00	0.00E+00	0.00E+00	5.25E-08
1298	462842.86	3773113.03	8.28E-07	0.00E+00	0.00E+00	0.00E+00	8.28E-07	1.27E-07	0.00E+00	0.00E+00	0.00E+00	1.27E-07	5.43E-08	0.00E+00	0.00E+00	0.00E+00	5.43E-08
1299	462846.58	3773103.87	8.45E-07	0.00E+00	0.00E+00	0.00E+00	8.45E-07	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07	5.55E-08	0.00E+00	0.00E+00	0.00E+00	5.55E-08
1300	462850.29	3773094.72	8.50E-07	0.00E+00	0.00E+00	0.00E+00	8.50E-07	1.30E-07	0.00E+00	0.00E+00	0.00E+00	1.30E-07	5.58E-08	0.00E+00	0.00E+00	0.00E+00	5.58E-08
1301	462863.12	3773081.74	9.09E-07	0.00E+00	0.00E+00	0.00E+00	9.09E-07	1.39E-07	0.00E+00	0.00E+00	0.00E+00	1.39E-07	5.97E-08	0.00E+00	0.00E+00	0.00E+00	5.97E-08
1302	462872.23	3773077.92	9.65E-07	0.00E+00	0.00E+00	0.00E+00	9.65E-07	1.48E-07	0.00E+00	0.00E+00	0.00E+00	1.48E-07	6.33E-08	0.00E+00	0.00E+00	0.00E+00	6.33E-08
1303	462881.35	3773074.11	1.01E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	1.54E-07	0.00E+00	0.00E+00	0.00E+00	1.54E-07	6.60E-08	0.00E+00	0.00E+00	0.00E+00	6.60E-08
1304	462890.47	3773070.29	1.03E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	1.57E-07	0.00E+00	0.00E+00	0.00E+00	1.57E-07	6.74E-08	0.00E+00	0.00E+00	0.00E+00	6.74E-08
1305	462899.58	3773066.47	1.03E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	1.57E-07	0.00E+00	0.00E+00	0.00E+00	1.57E-07	6.73E-08	0.00E+00	0.00E+00	0.00E+00	6.73E-08
1306	462908.7	3773062.66	1.00E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	1.53E-07	0.00E+00	0.00E+00	0.00E+00	1.53E-07	6.58E-08	0.00E+00	0.00E+00	0.00E+00	6.58E-08
1307	462828	3773149.66	6.79E-07	0.00E+00	0.00E+00	0.00E+00	6.79E-07	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07	4.46E-08	0.00E+00	0.00E+00	0.00E+00	4.46E-08

1308	462828.09	3773159.62	6.78E-07	0.00E+00	0.00E+00	0.00E+00	6.78E-07	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07	4.45E-08	0.00E+00	0.00E+00	0.00E+00	4.45E-08
1309	462828.19	3773169.57	6.73E-07	0.00E+00	0.00E+00	0.00E+00	6.73E-07	1.03E-07	0.00E+00	0.00E+00	0.00E+00	1.03E-07	4.42E-08	0.00E+00	0.00E+00	0.00E+00	4.42E-08
1310	462828.28	3773179.53	6.66E-07	0.00E+00	0.00E+00	0.00E+00	6.66E-07	1.02E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-07	4.37E-08	0.00E+00	0.00E+00	0.00E+00	4.37E-08
1311	462828.37	3773189.48	6.57E-07	0.00E+00	0.00E+00	0.00E+00	6.57E-07	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07	4.31E-08	0.00E+00	0.00E+00	0.00E+00	4.31E-08
1312	462828.46	3773199.44	6.45E-07	0.00E+00	0.00E+00	0.00E+00	6.45E-07	9.88E-08	0.00E+00	0.00E+00	0.00E+00	9.88E-08	4.23E-08	0.00E+00	0.00E+00	0.00E+00	4.23E-08
1313	462828.55	3773209.39	6.31E-07	0.00E+00	0.00E+00	0.00E+00	6.31E-07	9.66E-08	0.00E+00	0.00E+00	0.00E+00	9.66E-08	4.14E-08	0.00E+00	0.00E+00	0.00E+00	4.14E-08
1314	462828.64	3773219.35	6.14E-07	0.00E+00	0.00E+00	0.00E+00	6.14E-07	9.40E-08	0.00E+00	0.00E+00	0.00E+00	9.40E-08	4.03E-08	0.00E+00	0.00E+00	0.00E+00	4.03E-08
1315	462828.73	3773229.3	5.95E-07	0.00E+00	0.00E+00	0.00E+00	5.95E-07	9.11E-08	0.00E+00	0.00E+00	0.00E+00	9.11E-08	3.91E-08	0.00E+00	0.00E+00	0.00E+00	3.91E-08
1316	462828.82	3773239.26	5.73E-07	0.00E+00	0.00E+00	0.00E+00	5.73E-07	8.77E-08	0.00E+00	0.00E+00	0.00E+00	8.77E-08	3.76E-08	0.00E+00	0.00E+00	0.00E+00	3.76E-08
1317	462821.62	3773140.85	6.12E-07	0.00E+00	0.00E+00	0.00E+00	6.12E-07	9.37E-08	0.00E+00	0.00E+00	0.00E+00	9.37E-08	4.02E-08	0.00E+00	0.00E+00	0.00E+00	4.02E-08
1318	462825.23	3773131.95	6.48E-07	0.00E+00	0.00E+00	0.00E+00	6.48E-07	9.91E-08	0.00E+00	0.00E+00	0.00E+00	9.91E-08	4.25E-08	0.00E+00	0.00E+00	0.00E+00	4.25E-08
1319	462828.84	3773123.04	6.80E-07	0.00E+00	0.00E+00	0.00E+00	6.80E-07	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07	4.46E-08	0.00E+00	0.00E+00	0.00E+00	4.46E-08
1320	462832.45	3773114.14	7.08E-07	0.00E+00	0.00E+00	0.00E+00	7.08E-07	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	4.65E-08	0.00E+00	0.00E+00	0.00E+00	4.65E-08
1321	462836.06	3773105.24	7.30E-07	0.00E+00	0.00E+00	0.00E+00	7.30E-07	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07	4.79E-08	0.00E+00	0.00E+00	0.00E+00	4.79E-08
1322	462839.67	3773096.33	7.43E-07	0.00E+00	0.00E+00	0.00E+00	7.43E-07	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	4.88E-08	0.00E+00	0.00E+00	0.00E+00	4.88E-08
1323	462843.28	3773087.43	7.47E-07	0.00E+00	0.00E+00	0.00E+00	7.47E-07	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	4.90E-08	0.00E+00	0.00E+00	0.00E+00	4.90E-08
1324	462855.76	3773074.82	7.96E-07	0.00E+00	0.00E+00	0.00E+00	7.96E-07	1.22E-07	0.00E+00	0.00E+00	0.00E+00	1.22E-07	5.23E-08	0.00E+00	0.00E+00	0.00E+00	5.23E-08
1325	462864.62	3773071.11	8.43E-07	0.00E+00	0.00E+00	0.00E+00	8.43E-07	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07	5.53E-08	0.00E+00	0.00E+00	0.00E+00	5.53E-08
1326	462873.48	3773067.39	8.79E-07	0.00E+00	0.00E+00	0.00E+00	8.79E-07	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	5.77E-08	0.00E+00	0.00E+00	0.00E+00	5.77E-08
1327	462882.34	3773063.68	9.00E-07	0.00E+00	0.00E+00	0.00E+00	9.00E-07	1.38E-07	0.00E+00	0.00E+00	0.00E+00	1.38E-07	5.90E-08	0.00E+00	0.00E+00	0.00E+00	5.90E-08
1328	462891.2	3773059.97	9.05E-07	0.00E+00	0.00E+00	0.00E+00	9.05E-07	1.39E-07	0.00E+00	0.00E+00	0.00E+00	1.39E-07	5.94E-08	0.00E+00	0.00E+00	0.00E+00	5.94E-08
1329	462900.07	3773056.26	8.93E-07	0.00E+00	0.00E+00	0.00E+00	8.93E-07	1.37E-07	0.00E+00	0.00E+00	0.00E+00	1.37E-07	5.86E-08	0.00E+00	0.00E+00	0.00E+00	5.86E-08
1330	462908.93	3773052.55	8.65E-07	0.00E+00	0.00E+00	0.00E+00	8.65E-07	1.32E-07	0.00E+00	0.00E+00	0.00E+00	1.32E-07	5.68E-08	0.00E+00	0.00E+00	0.00E+00	5.68E-08
1331	462818	3773149.75	5.76E-07	0.00E+00	0.00E+00	0.00E+00	5.76E-07	8.81E-08	0.00E+00	0.00E+00	0.00E+00	8.81E-08	3.78E-08	0.00E+00	0.00E+00	0.00E+00	3.78E-08
1332	462818.1	3773159.71	5.73E-07	0.00E+00	0.00E+00	0.00E+00	5.73E-07	8.77E-08	0.00E+00	0.00E+00	0.00E+00	8.77E-08	3.76E-08	0.00E+00	0.00E+00	0.00E+00	3.76E-08
1333	462818.19	3773169.66	5.68E-07	0.00E+00	0.00E+00	0.00E+00	5.68E-07	8.70E-08	0.00E+00	0.00E+00	0.00E+00	8.70E-08	3.73E-08	0.00E+00	0.00E+00	0.00E+00	3.73E-08
1334	462818.28	3773179.62	5.62E-07	0.00E+00	0.00E+00	0.00E+00	5.62E-07	8.60E-08	0.00E+00	0.00E+00	0.00E+00	8.60E-08	3.69E-08	0.00E+00	0.00E+00	0.00E+00	3.69E-08
1335	462818.37	3773189.57	5.54E-07	0.00E+00	0.00E+00	0.00E+00	5.54E-07	8.49E-08	0.00E+00	0.00E+00	0.00E+00	8.49E-08	3.64E-08	0.00E+00	0.00E+00	0.00E+00	3.64E-08
1336	462818.46	3773199.53	5.45E-07	0.00E+00	0.00E+00	0.00E+00	5.45E-07	8.35E-08	0.00E+00	0.00E+00	0.00E+00	8.35E-08	3.58E-08	0.00E+00	0.00E+00	0.00E+00	3.58E-08
1337	462818.55	3773209.48	5.34E-07	0.00E+00	0.00E+00	0.00E+00	5.34E-07	8.18E-08	0.00E+00	0.00E+00	0.00E+00	8.18E-08	3.51E-08	0.00E+00	0.00E+00	0.00E+00	3.51E-08
1338	462818.64	3773219.44	5.22E-07	0.00E+00	0.00E+00	0.00E+00	5.22E-07	7.99E-08	0.00E+00	0.00E+00	0.00E+00	7.99E-08	3.42E-08	0.00E+00	0.00E+00	0.00E+00	3.42E-08
1339	462818.73	3773229.39	5.07E-07	0.00E+00	0.00E+00	0.00E+00	5.07E-07	7.77E-08	0.00E+00	0.00E+00	0.00E+00	7.77E-08	3.33E-08	0.00E+00	0.00E+00	0.00E+00	3.33E-08
1340	462818.82	3773239.35	4.91E-07	0.00E+00	0.00E+00	0.00E+00	4.91E-07	7.51E-08	0.00E+00	0.00E+00	0.00E+00	7.51E-08	3.22E-08	0.00E+00	0.00E+00	0.00E+00	3.22E-08
1341	462801.47	3773141.39	4.50E-07	0.00E+00	0.00E+00	0.00E+00	4.50E-07	6.88E-08	0.00E+00	0.00E+00	0.00E+00	6.88E-08	2.95E-08	0.00E+00	0.00E+00	0.00E+00	2.95E-08
1342	462804.94	3773132.84	4.75E-07	0.00E+00	0.00E+00	0.00E+00	4.75E-07	7.27E-08	0.00E+00	0.00E+00	0.00E+00	7.27E-08	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08
1343	462808.41	3773124.3	5.00E-07	0.00E+00	0.00E+00	0.00E+00	5.00E-07	7.66E-08	0.00E+00	0.00E+00	0.00E+00	7.66E-08	3.28E-08	0.00E+00	0.00E+00	0.00E+00	3.28E-08
1344	462811.87	3773115.75	5.24E-07	0.00E+00	0.00E+00	0.00E+00	5.24E-07	8.03E-08	0.00E+00	0.00E+00	0.00E+00	8.03E-08	3.44E-08	0.00E+00	0.00E+00	0.00E+00	3.44E-08
1345	462815.34	3773107.2	5.46E-07	0.00E+00	0.00E+00	0.00E+00	5.46E-07	8.36E-08	0.00E+00	0.00E+00	0.00E+00	8.36E-08	3.58E-08	0.00E+00	0.00E+00	0.00E+00	3.58E-08
1346	462818.81	3773098.65	5.65E-07	0.00E+00	0.00E+00	0.00E+00	5.65E-07	8.64E-08	0.00E+00	0.00E+00	0.00E+00	8.64E-08	3.71E-08	0.00E+00	0.00E+00	0.00E+00	3.71E-08
1347	462822.27	3773090.11	5.79E-07	0.00E+00	0.00E+00	0.00E+00	5.79E-07	8.86E-08	0.00E+00	0.00E+00	0.00E+00	8.86E-08	3.80E-08	0.00E+00	0.00E+00	0.00E+00	3.80E-08
1348	462825.74	3773081.56	5.87E-07	0.00E+00	0.00E+00	0.00E+00	5.87E-07	8.99E-08	0.00E+00	0.00E+00	0.00E+00	8.99E-08	3.85E-08	0.00E+00	0.00E+00	0.00E+00	3.85E-08
1349	462829.21	3773073.01	5.91E-07	0.00E+00	0.00E+00	0.00E+00	5.91E-07	9.04E-08	0.00E+00	0.00E+00	0.00E+00	9.04E-08	3.88E-08	0.00E+00	0.00E+00	0.00E+00	3.88E-08
1350	462841.18	3773060.9	6.26E-07	0.00E+00	0.00E+00	0.00E+00	6.26E-07	9.58E-08	0.00E+00	0.00E+00	0.00E+00	9.58E-08	4.11E-08	0.00E+00	0.00E+00	0.00E+00	4.11E-08
1351	462849.69	3773057.34	6.60E-07	0.00E+00	0.00E+00	0.00E+00	6.60E-07	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07	4.33E-08	0.00E+00	0.00E+00	0.00E+00	4.33E-08
1352	462858.2	3773053.78	6.88E-07	0.00E+00	0.00E+00	0.00E+00	6.88E-07	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07	4.51E-08	0.00E+00	0.00E+00	0.00E+00	4.51E-08
1353	462866.7	3773050.22	7.07E-07	0.00E+00	0.00E+00	0.00E+00	7.07E-07	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	4.64E-08	0.00E+00	0.00E+00	0.00E+00	4.64E-08
1354	462875.21	3773046.65	7.17E-07	0.00E+00	0.00E+00	0.00E+00	7.17E-07	1.10E-07	0.00E+00	0.00E+00	0.00E+00	1.10E-07	4.70E-08	0.00E+00	0.00E+00	0.00E+00	4.70E-08
1355	462883.72	3773043.09	7.17E-07	0.00E+00	0.00E+00	0.00E+00	7.17E-07	1.10E-07	0.00E+00	0.00E+00	0.00E+00	1.10E-07	4.70E-08	0.00E+00	0.00E+00	0.00E+00	4.70E-08
1356	462892.23	3773039.53	7.06E-07	0.00E+00	0.00E+00	0.00E+00	7.06E-07	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	4.64E-08	0.00E+00	0.00E+00	0.00E+00	4.64E-08
1357	462900.73	3773035.97	6.86E-07	0.00E+00	0.00E+00	0.00E+00	6.86E-07	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07	4.50E-08	0.00E+00	0.00E+00	0.00E+00	4.50E-08
1358	462909.24	3773032.4	6.57E-07	0.00E+00	0.00E+00	0.00E+00	6.57E-07	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07	4.31E-08	0.00E+00	0.00E+00	0.00E+00	4.31E-08
1359	462798.01	3773149.94	4.25E-07	0.00E+00	0.00E+00	0.00E+00	4.25E-07	6.50E-08	0.00E+00	0.00E+00	0.00E+00	6.50E-08	2.79E-08	0.00E+00	0.00E+00	0.00E+00	2.79E-08
1360	462798.1	3773159.89	4.21E-07	0.00E+00	0.00E+00	0.00E+00	4.21E-07	6.45E-08	0.00E+00	0.00E+00	0.00E+00	6.45E-08	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08
1361	462798.19	3773169.85	4.18E-07	0.00E+00	0.00E+00	0.00E+00	4.18E-07	6.39E-08	0.00E+00	0.00E+00	0.00E+00	6.39E-08	2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08
1362	462798.28	3773179.8	4.13E-07	0.00E+00	0.00E+00	0.00E+00	4.13E-07	6.33E-08	0.00E+00	0.00E+00	0.00E+00	6.33E-08	2.71E-08	0.00E+00	0.00E+00	0.00E+00	2.71E-08
1363	462798.37	3773189.76	4.08E-07	0.00E+00	0.00E+00	0.00E+00	4.08E-07	6.25E-08	0.00E+00	0.00E+00	0.00E+00	6.25E-08	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08
1364	462798.46	3773199.71	4.03E-07	0.00E+00	0.00E+00	0.00E+00	4.03E-07	6.17E-08	0.00E+00	0.00E+00	0.00E+00	6.17E-08	2.64E-08	0.00E+00	0.00E+00	0.00E+00	2.64E-08

1365	462798.55	3773209.67	3.96E-07	0.00E+00	0.00E+00	0.00E+00	3.96E-07	6.07E-08	0.00E+00	0.00E+00	0.00E+00	6.07E-08	2.60E-08	0.00E+00	0.00E+00	0.00E+00	2.60E-08
1366	462798.64	3773219.62	3.89E-07	0.00E+00	0.00E+00	0.00E+00	3.89E-07	5.95E-08	0.00E+00	0.00E+00	0.00E+00	5.95E-08	2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08
1367	462798.73	3773229.58	3.80E-07	0.00E+00	0.00E+00	0.00E+00	3.80E-07	5.82E-08	0.00E+00	0.00E+00	0.00E+00	5.82E-08	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08
1368	462798.82	3773239.53	3.70E-07	0.00E+00	0.00E+00	0.00E+00	3.70E-07	5.66E-08	0.00E+00	0.00E+00	0.00E+00	5.66E-08	2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08
1369	462781.68	3773141.05	3.42E-07	0.00E+00	0.00E+00	0.00E+00	3.42E-07	5.24E-08	0.00E+00	0.00E+00	0.00E+00	5.24E-08	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08
1370	462785.36	3773131.99	3.62E-07	0.00E+00	0.00E+00	0.00E+00	3.62E-07	5.54E-08	0.00E+00	0.00E+00	0.00E+00	5.54E-08	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.38E-08
1371	462789.04	3773122.92	3.82E-07	0.00E+00	0.00E+00	0.00E+00	3.82E-07	5.85E-08	0.00E+00	0.00E+00	0.00E+00	5.85E-08	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08
1372	462792.71	3773113.86	4.03E-07	0.00E+00	0.00E+00	0.00E+00	4.03E-07	6.17E-08	0.00E+00	0.00E+00	0.00E+00	6.17E-08	2.64E-08	0.00E+00	0.00E+00	0.00E+00	2.64E-08
1373	462796.39	3773104.79	4.22E-07	0.00E+00	0.00E+00	0.00E+00	4.22E-07	6.46E-08	0.00E+00	0.00E+00	0.00E+00	6.46E-08	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08
1374	462800.07	3773095.73	4.40E-07	0.00E+00	0.00E+00	0.00E+00	4.40E-07	6.74E-08	0.00E+00	0.00E+00	0.00E+00	6.74E-08	2.89E-08	0.00E+00	0.00E+00	0.00E+00	2.89E-08
1375	462803.74	3773086.66	4.55E-07	0.00E+00	0.00E+00	0.00E+00	4.55E-07	6.97E-08	0.00E+00	0.00E+00	0.00E+00	6.97E-08	2.99E-08	0.00E+00	0.00E+00	0.00E+00	2.99E-08
1376	462807.42	3773077.6	4.67E-07	0.00E+00	0.00E+00	0.00E+00	4.67E-07	7.15E-08	0.00E+00	0.00E+00	0.00E+00	7.15E-08	3.07E-08	0.00E+00	0.00E+00	0.00E+00	3.07E-08
1377	462811.1	3773068.53	4.75E-07	0.00E+00	0.00E+00	0.00E+00	4.75E-07	7.27E-08	0.00E+00	0.00E+00	0.00E+00	7.27E-08	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08
1378	462814.77	3773059.47	4.78E-07	0.00E+00	0.00E+00	0.00E+00	4.78E-07	7.32E-08	0.00E+00	0.00E+00	0.00E+00	7.32E-08	3.14E-08	0.00E+00	0.00E+00	0.00E+00	3.14E-08
1379	462827.47	3773046.62	5.08E-07	0.00E+00	0.00E+00	0.00E+00	5.08E-07	7.77E-08	0.00E+00	0.00E+00	0.00E+00	7.77E-08	3.33E-08	0.00E+00	0.00E+00	0.00E+00	3.33E-08
1380	462836.5	3773042.85	5.35E-07	0.00E+00	0.00E+00	0.00E+00	5.35E-07	8.19E-08	0.00E+00	0.00E+00	0.00E+00	8.19E-08	3.51E-08	0.00E+00	0.00E+00	0.00E+00	3.51E-08
1381	462845.52	3773039.07	5.57E-07	0.00E+00	0.00E+00	0.00E+00	5.57E-07	8.53E-08	0.00E+00	0.00E+00	0.00E+00	8.53E-08	3.66E-08	0.00E+00	0.00E+00	0.00E+00	3.66E-08
1382	462854.54	3773035.29	5.73E-07	0.00E+00	0.00E+00	0.00E+00	5.73E-07	8.78E-08	0.00E+00	0.00E+00	0.00E+00	8.78E-08	3.76E-08	0.00E+00	0.00E+00	0.00E+00	3.76E-08
1383	462863.57	3773031.51	5.82E-07	0.00E+00	0.00E+00	0.00E+00	5.82E-07	8.91E-08	0.00E+00	0.00E+00	0.00E+00	8.91E-08	3.82E-08	0.00E+00	0.00E+00	0.00E+00	3.82E-08
1384	462872.59	3773027.73	5.83E-07	0.00E+00	0.00E+00	0.00E+00	5.83E-07	8.93E-08	0.00E+00	0.00E+00	0.00E+00	8.93E-08	3.83E-08	0.00E+00	0.00E+00	0.00E+00	3.83E-08
1385	462881.61	3773023.95	5.76E-07	0.00E+00	0.00E+00	0.00E+00	5.76E-07	8.82E-08	0.00E+00	0.00E+00	0.00E+00	8.82E-08	3.78E-08	0.00E+00	0.00E+00	0.00E+00	3.78E-08
1386	462890.64	3773020.18	5.61E-07	0.00E+00	0.00E+00	0.00E+00	5.61E-07	8.59E-08	0.00E+00	0.00E+00	0.00E+00	8.59E-08	3.68E-08	0.00E+00	0.00E+00	0.00E+00	3.68E-08
1387	462899.66	3773016.4	5.39E-07	0.00E+00	0.00E+00	0.00E+00	5.39E-07	8.26E-08	0.00E+00	0.00E+00	0.00E+00	8.26E-08	3.54E-08	0.00E+00	0.00E+00	0.00E+00	3.54E-08
1388	462908.68	3773012.62	5.11E-07	0.00E+00	0.00E+00	0.00E+00	5.11E-07	7.83E-08	0.00E+00	0.00E+00	0.00E+00	7.83E-08	3.36E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-08
1389	462778.01	3773150.12	3.24E-07	0.00E+00	0.00E+00	0.00E+00	3.24E-07	4.95E-08	0.00E+00	0.00E+00	0.00E+00	4.95E-08	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08
1390	462778.1	3773160.07	3.21E-07	0.00E+00	0.00E+00	0.00E+00	3.21E-07	4.91E-08	0.00E+00	0.00E+00	0.00E+00	4.91E-08	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08
1391	462778.19	3773170.03	3.18E-07	0.00E+00	0.00E+00	0.00E+00	3.18E-07	4.87E-08	0.00E+00	0.00E+00	0.00E+00	4.87E-08	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08
1392	462778.28	3773179.98	3.15E-07	0.00E+00	0.00E+00	0.00E+00	3.15E-07	4.82E-08	0.00E+00	0.00E+00	0.00E+00	4.82E-08	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08
1393	462778.37	3773189.94	3.12E-07	0.00E+00	0.00E+00	0.00E+00	3.12E-07	4.78E-08	0.00E+00	0.00E+00	0.00E+00	4.78E-08	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08
1394	462778.46	3773199.89	3.09E-07	0.00E+00	0.00E+00	0.00E+00	3.09E-07	4.72E-08	0.00E+00	0.00E+00	0.00E+00	4.72E-08	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08
1395	462778.55	3773209.85	3.05E-07	0.00E+00	0.00E+00	0.00E+00	3.05E-07	4.66E-08	0.00E+00	0.00E+00	0.00E+00	4.66E-08	2.00E-08	0.00E+00	0.00E+00	0.00E+00	2.00E-08
1396	462778.64	3773219.8	3.00E-07	0.00E+00	0.00E+00	0.00E+00	3.00E-07	4.59E-08	0.00E+00	0.00E+00	0.00E+00	4.59E-08	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08
1397	462778.73	3773229.76	2.94E-07	0.00E+00	0.00E+00	0.00E+00	2.94E-07	4.51E-08	0.00E+00	0.00E+00	0.00E+00	4.51E-08	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08
1398	462778.82	3773239.71	2.88E-07	0.00E+00	0.00E+00	0.00E+00	2.88E-07	4.41E-08	0.00E+00	0.00E+00	0.00E+00	4.41E-08	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08
1399	462761.56	3773141.54	2.66E-07	0.00E+00	0.00E+00	0.00E+00	2.66E-07	4.08E-08	0.00E+00	0.00E+00	0.00E+00	4.08E-08	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08
1400	462765.12	3773132.77	2.80E-07	0.00E+00	0.00E+00	0.00E+00	2.80E-07	4.29E-08	0.00E+00	0.00E+00	0.00E+00	4.29E-08	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08
1401	462768.67	3773124	2.95E-07	0.00E+00	0.00E+00	0.00E+00	2.95E-07	4.51E-08	0.00E+00	0.00E+00	0.00E+00	4.51E-08	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08
1402	462772.23	3773115.24	3.10E-07	0.00E+00	0.00E+00	0.00E+00	3.10E-07	4.75E-08	0.00E+00	0.00E+00	0.00E+00	4.75E-08	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08
1403	462775.78	3773106.47	3.26E-07	0.00E+00	0.00E+00	0.00E+00	3.26E-07	4.98E-08	0.00E+00	0.00E+00	0.00E+00	4.98E-08	2.14E-08	0.00E+00	0.00E+00	0.00E+00	2.14E-08
1404	462779.34	3773097.7	3.41E-07	0.00E+00	0.00E+00	0.00E+00	3.41E-07	5.21E-08	0.00E+00	0.00E+00	0.00E+00	5.21E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08
1405	462782.9	3773088.94	3.55E-07	0.00E+00	0.00E+00	0.00E+00	3.55E-07	5.43E-08	0.00E+00	0.00E+00	0.00E+00	5.43E-08	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08
1406	462786.45	3773080.17	3.68E-07	0.00E+00	0.00E+00	0.00E+00	3.68E-07	5.63E-08	0.00E+00	0.00E+00	0.00E+00	5.63E-08	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08
1407	462790.01	3773071.41	3.79E-07	0.00E+00	0.00E+00	0.00E+00	3.79E-07	5.80E-08	0.00E+00	0.00E+00	0.00E+00	5.80E-08	2.48E-08	0.00E+00	0.00E+00	0.00E+00	2.48E-08
1408	462793.56	3773062.64	3.87E-07	0.00E+00	0.00E+00	0.00E+00	3.87E-07	5.92E-08	0.00E+00	0.00E+00	0.00E+00	5.92E-08	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08
1409	462797.12	3773053.87	3.93E-07	0.00E+00	0.00E+00	0.00E+00	3.93E-07	6.01E-08	0.00E+00	0.00E+00	0.00E+00	6.01E-08	2.58E-08	0.00E+00	0.00E+00	0.00E+00	2.58E-08
1410	462800.67	3773045.11	3.95E-07	0.00E+00	0.00E+00	0.00E+00	3.95E-07	6.05E-08	0.00E+00	0.00E+00	0.00E+00	6.05E-08	2.59E-08	0.00E+00	0.00E+00	0.00E+00	2.59E-08
1411	462812.96	3773032.69	4.18E-07	0.00E+00	0.00E+00	0.00E+00	4.18E-07	6.40E-08	0.00E+00	0.00E+00	0.00E+00	6.40E-08	2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08
1412	462821.68	3773029.03	4.39E-07	0.00E+00	0.00E+00	0.00E+00	4.39E-07	6.72E-08	0.00E+00	0.00E+00	0.00E+00	6.72E-08	2.88E-08	0.00E+00	0.00E+00	0.00E+00	2.88E-08
1413	462830.41	3773025.38	4.57E-07	0.00E+00	0.00E+00	0.00E+00	4.57E-07	6.99E-08	0.00E+00	0.00E+00	0.00E+00	6.99E-08	3.00E-08	0.00E+00	0.00E+00	0.00E+00	3.00E-08
1414	462839.13	3773021.72	4.70E-07	0.00E+00	0.00E+00	0.00E+00	4.70E-07	7.20E-08	0.00E+00	0.00E+00	0.00E+00	7.20E-08	3.09E-08	0.00E+00	0.00E+00	0.00E+00	3.09E-08
1415	462847.86	3773018.07	4.80E-07	0.00E+00	0.00E+00	0.00E+00	4.80E-07	7.35E-08	0.00E+00	0.00E+00	0.00E+00	7.35E-08	3.15E-08	0.00E+00	0.00E+00	0.00E+00	3.15E-08
1416	462856.58	3773014.42	4.84E-07	0.00E+00	0.00E+00	0.00E+00	4.84E-07	7.41E-08	0.00E+00	0.00E+00	0.00E+00	7.41E-08	3.18E-08	0.00E+00	0.00E+00	0.00E+00	3.18E-08
1417	462865.31	3773010.76	4.83E-07	0.00E+00	0.00E+00	0.00E+00	4.83E-07	7.39E-08	0.00E+00	0.00E+00	0.00E+00	7.39E-08	3.17E-08	0.00E+00	0.00E+00	0.00E+00	3.17E-08
1418	462874.04	3773007.11	4.76E-07	0.00E+00	0.00E+00	0.00E+00	4.76E-07	7.29E-08	0.00E+00	0.00E+00	0.00E+00	7.29E-08	3.13E-08	0.00E+00	0.00E+00	0.00E+00	3.13E-08
1419	462882.76	3773003.46	4.64E-07	0.00E+00	0.00E+00	0.00E+00	4.64E-07	7.11E-08	0.00E+00	0.00E+00	0.00E+00	7.11E-08	3.05E-08	0.00E+00	0.00E+00	0.00E+00	3.05E-08
1420	462891.49	3772999.8	4.48E-07	0.00E+00	0.00E+00	0.00E+00	4.48E-07	6.85E-08	0.00E+00	0.00E+00	0.00E+00	6.85E-08	2.94E-08	0.00E+00	0.00E+00	0.00E+00	2.94E-08
1421	462900.21	3772996.15	4.27E-07	0.00E+00	0.00E+00	0.00E+00	4.27E-07	6.54E-08	0.00E+00	0.00E+00	0.00E+00	6.54E-08	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08

1422	462908.94	3772992.49	4.03E-07	0.00E+00	0.00E+00	0.00E+00	4.03E-07	6.17E-08	0.00E+00	0.00E+00	0.00E+00	6.17E-08	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08
1423	462758.01	3773150.3	2.53E-07	0.00E+00	0.00E+00	0.00E+00	2.53E-07	3.88E-08	0.00E+00	0.00E+00	0.00E+00	3.88E-08	1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08
1424	462758.1	3773160.26	2.51E-07	0.00E+00	0.00E+00	0.00E+00	2.51E-07	3.85E-08	0.00E+00	0.00E+00	0.00E+00	3.85E-08	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08
1425	462758.19	3773170.21	2.49E-07	0.00E+00	0.00E+00	0.00E+00	2.49E-07	3.82E-08	0.00E+00	0.00E+00	0.00E+00	3.82E-08	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08
1426	462758.28	3773180.17	2.47E-07	0.00E+00	0.00E+00	0.00E+00	2.47E-07	3.79E-08	0.00E+00	0.00E+00	0.00E+00	3.79E-08	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08
1427	462758.37	3773190.12	2.45E-07	0.00E+00	0.00E+00	0.00E+00	2.45E-07	3.76E-08	0.00E+00	0.00E+00	0.00E+00	3.76E-08	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08
1428	462758.46	3773200.08	2.43E-07	0.00E+00	0.00E+00	0.00E+00	2.43E-07	3.72E-08	0.00E+00	0.00E+00	0.00E+00	3.72E-08	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08
1429	462758.55	3773210.03	2.41E-07	0.00E+00	0.00E+00	0.00E+00	2.41E-07	3.68E-08	0.00E+00	0.00E+00	0.00E+00	3.68E-08	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08
1430	462758.64	3773219.99	2.38E-07	0.00E+00	0.00E+00	0.00E+00	2.38E-07	3.64E-08	0.00E+00	0.00E+00	0.00E+00	3.64E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08
1431	462758.73	3773229.94	2.34E-07	0.00E+00	0.00E+00	0.00E+00	2.34E-07	3.58E-08	0.00E+00	0.00E+00	0.00E+00	3.58E-08	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08
1432	462758.83	3773239.9	2.30E-07	0.00E+00	0.00E+00	0.00E+00	2.30E-07	3.52E-08	0.00E+00	0.00E+00	0.00E+00	3.52E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08
1433	462745.44	3773132.17	2.24E-07	0.00E+00	0.00E+00	0.00E+00	2.24E-07	3.42E-08	0.00E+00	0.00E+00	0.00E+00	3.42E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08
1434	462749.15	3773123.01	2.35E-07	0.00E+00	0.00E+00	0.00E+00	2.35E-07	3.60E-08	0.00E+00	0.00E+00	0.00E+00	3.60E-08	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08
1435	462752.86	3773113.85	2.47E-07	0.00E+00	0.00E+00	0.00E+00	2.47E-07	3.79E-08	0.00E+00	0.00E+00	0.00E+00	3.79E-08	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08
1436	462756.58	3773104.7	2.60E-07	0.00E+00	0.00E+00	0.00E+00	2.60E-07	3.98E-08	0.00E+00	0.00E+00	0.00E+00	3.98E-08	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08
1437	462760.29	3773095.54	2.73E-07	0.00E+00	0.00E+00	0.00E+00	2.73E-07	4.18E-08	0.00E+00	0.00E+00	0.00E+00	4.18E-08	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08
1438	462764.01	3773086.38	2.85E-07	0.00E+00	0.00E+00	0.00E+00	2.85E-07	4.37E-08	0.00E+00	0.00E+00	0.00E+00	4.37E-08	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08
1439	462767.72	3773077.22	2.97E-07	0.00E+00	0.00E+00	0.00E+00	2.97E-07	4.55E-08	0.00E+00	0.00E+00	0.00E+00	4.55E-08	1.95E-08	0.00E+00	0.00E+00	0.00E+00	1.95E-08
1440	462771.44	3773068.07	3.08E-07	0.00E+00	0.00E+00	0.00E+00	3.08E-07	4.72E-08	0.00E+00	0.00E+00	0.00E+00	4.72E-08	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08
1441	462775.15	3773058.91	3.17E-07	0.00E+00	0.00E+00	0.00E+00	3.17E-07	4.86E-08	0.00E+00	0.00E+00	0.00E+00	4.86E-08	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08
1442	462778.87	3773049.75	3.25E-07	0.00E+00	0.00E+00	0.00E+00	3.25E-07	4.97E-08	0.00E+00	0.00E+00	0.00E+00	4.97E-08	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08
1443	462782.58	3773040.59	3.30E-07	0.00E+00	0.00E+00	0.00E+00	3.30E-07	5.05E-08	0.00E+00	0.00E+00	0.00E+00	5.05E-08	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08
1444	462786.29	3773031.44	3.32E-07	0.00E+00	0.00E+00	0.00E+00	3.32E-07	5.09E-08	0.00E+00	0.00E+00	0.00E+00	5.09E-08	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08
1445	462799.12	3773018.46	3.51E-07	0.00E+00	0.00E+00	0.00E+00	3.51E-07	5.38E-08	0.00E+00	0.00E+00	0.00E+00	5.38E-08	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.31E-08
1446	462808.24	3773014.64	3.69E-07	0.00E+00	0.00E+00	0.00E+00	3.69E-07	5.64E-08	0.00E+00	0.00E+00	0.00E+00	5.64E-08	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08
1447	462817.35	3773010.83	3.84E-07	0.00E+00	0.00E+00	0.00E+00	3.84E-07	5.87E-08	0.00E+00	0.00E+00	0.00E+00	5.87E-08	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08
1448	462826.47	3773007.01	3.96E-07	0.00E+00	0.00E+00	0.00E+00	3.96E-07	6.06E-08	0.00E+00	0.00E+00	0.00E+00	6.06E-08	2.60E-08	0.00E+00	0.00E+00	0.00E+00	2.60E-08
1449	462835.59	3773003.19	4.04E-07	0.00E+00	0.00E+00	0.00E+00	4.04E-07	6.18E-08	0.00E+00	0.00E+00	0.00E+00	6.18E-08	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08
1450	462844.7	3772999.38	4.08E-07	0.00E+00	0.00E+00	0.00E+00	4.08E-07	6.25E-08	0.00E+00	0.00E+00	0.00E+00	6.25E-08	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08
1451	462853.82	3772995.56	4.08E-07	0.00E+00	0.00E+00	0.00E+00	4.08E-07	6.24E-08	0.00E+00	0.00E+00	0.00E+00	6.24E-08	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08
1452	462862.93	3772991.74	4.03E-07	0.00E+00	0.00E+00	0.00E+00	4.03E-07	6.17E-08	0.00E+00	0.00E+00	0.00E+00	6.17E-08	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08
1453	462872.05	3772987.93	3.94E-07	0.00E+00	0.00E+00	0.00E+00	3.94E-07	6.03E-08	0.00E+00	0.00E+00	0.00E+00	6.03E-08	2.59E-08	0.00E+00	0.00E+00	0.00E+00	2.59E-08
1454	462881.16	3772984.11	3.81E-07	0.00E+00	0.00E+00	0.00E+00	3.81E-07	5.83E-08	0.00E+00	0.00E+00	0.00E+00	5.83E-08	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08
1455	462890.28	3772980.29	3.65E-07	0.00E+00	0.00E+00	0.00E+00	3.65E-07	5.58E-08	0.00E+00	0.00E+00	0.00E+00	5.58E-08	2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08
1456	462899.39	3772976.47	3.46E-07	0.00E+00	0.00E+00	0.00E+00	3.46E-07	5.29E-08	0.00E+00	0.00E+00	0.00E+00	5.29E-08	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08
1457	462908.51	3772972.66	3.25E-07	0.00E+00	0.00E+00	0.00E+00	3.25E-07	4.97E-08	0.00E+00	0.00E+00	0.00E+00	4.97E-08	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08
1458	462721.62	3773141.76	1.73E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-07	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08
1459	462725.23	3773132.86	1.81E-07	0.00E+00	0.00E+00	0.00E+00	1.81E-07	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08
1460	462728.84	3773123.96	1.89E-07	0.00E+00	0.00E+00	0.00E+00	1.89E-07	2.89E-08	0.00E+00	0.00E+00	0.00E+00	2.89E-08	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08
1461	462746.9	3773079.44	2.38E-07	0.00E+00	0.00E+00	0.00E+00	2.38E-07	3.64E-08	0.00E+00	0.00E+00	0.00E+00	3.64E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08
1462	462750.51	3773070.54	2.47E-07	0.00E+00	0.00E+00	0.00E+00	2.47E-07	3.79E-08	0.00E+00	0.00E+00	0.00E+00	3.79E-08	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08
1463	462754.12	3773061.63	2.56E-07	0.00E+00	0.00E+00	0.00E+00	2.56E-07	3.93E-08	0.00E+00	0.00E+00	0.00E+00	3.93E-08	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08
1464	462757.73	3773052.73	2.65E-07	0.00E+00	0.00E+00	0.00E+00	2.65E-07	4.05E-08	0.00E+00	0.00E+00	0.00E+00	4.05E-08	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08
1465	462761.34	3773043.83	2.72E-07	0.00E+00	0.00E+00	0.00E+00	2.72E-07	4.16E-08	0.00E+00	0.00E+00	0.00E+00	4.16E-08	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08
1466	462764.95	3773034.92	2.77E-07	0.00E+00	0.00E+00	0.00E+00	2.77E-07	4.24E-08	0.00E+00	0.00E+00	0.00E+00	4.24E-08	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08
1467	462768.56	3773026.02	2.81E-07	0.00E+00	0.00E+00	0.00E+00	2.81E-07	4.30E-08	0.00E+00	0.00E+00	0.00E+00	4.30E-08	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08
1468	462772.18	3773017.12	2.83E-07	0.00E+00	0.00E+00	0.00E+00	2.83E-07	4.34E-08	0.00E+00	0.00E+00	0.00E+00	4.34E-08	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08
1469	462784.65	3773004.5	2.99E-07	0.00E+00	0.00E+00	0.00E+00	2.99E-07	4.57E-08	0.00E+00	0.00E+00	0.00E+00	4.57E-08	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08
1470	462793.51	3773000.79	3.12E-07	0.00E+00	0.00E+00	0.00E+00	3.12E-07	4.78E-08	0.00E+00	0.00E+00	0.00E+00	4.78E-08	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08
1471	462802.37	3772997.08	3.25E-07	0.00E+00	0.00E+00	0.00E+00	3.25E-07	4.97E-08	0.00E+00	0.00E+00	0.00E+00	4.97E-08	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08
1472	462811.24	3772993.37	3.35E-07	0.00E+00	0.00E+00	0.00E+00	3.35E-07	5.12E-08	0.00E+00	0.00E+00	0.00E+00	5.12E-08	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08
1473	462820.1	3772989.66	3.42E-07	0.00E+00	0.00E+00	0.00E+00	3.42E-07	5.24E-08	0.00E+00	0.00E+00	0.00E+00	5.24E-08	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08
1474	462828.96	3772985.95	3.47E-07	0.00E+00	0.00E+00	0.00E+00	3.47E-07	5.32E-08	0.00E+00	0.00E+00	0.00E+00	5.32E-08	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08
1475	462837.82	3772982.24	3.49E-07	0.00E+00	0.00E+00	0.00E+00	3.49E-07	5.34E-08	0.00E+00	0.00E+00	0.00E+00	5.34E-08	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08
1476	462846.68	3772978.53	3.48E-07	0.00E+00	0.00E+00	0.00E+00	3.48E-07	5.32E-08	0.00E+00	0.00E+00	0.00E+00	5.32E-08	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08
1477	462855.55	3772974.82	3.43E-07	0.00E+00	0.00E+00	0.00E+00	3.43E-07	5.25E-08	0.00E+00	0.00E+00	0.00E+00	5.25E-08	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08
1478	462864.41	3772971.11	3.36E-07	0.00E+00	0.00E+00	0.00E+00	3.36E-07	5.14E-08	0.00E+00	0.00E+00	0.00E+00	5.14E-08	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08

1479	462873.27	3772967.39	3.25E-07	0.00E+00	0.00E+00	0.00E+00	3.25E-07	4.98E-08	0.00E+00	0.00E+00	0.00E+00	4.98E-08	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08
1480	462882.13	3772963.68	3.13E-07	0.00E+00	0.00E+00	0.00E+00	3.13E-07	4.78E-08	0.00E+00	0.00E+00	0.00E+00	4.78E-08	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08
1481	462891	3772959.97	2.98E-07	0.00E+00	0.00E+00	0.00E+00	2.98E-07	4.56E-08	0.00E+00	0.00E+00	0.00E+00	4.56E-08	1.95E-08	0.00E+00	0.00E+00	0.00E+00	1.95E-08
1482	462899.86	3772956.26	2.82E-07	0.00E+00	0.00E+00	0.00E+00	2.82E-07	4.31E-08	0.00E+00	0.00E+00	0.00E+00	4.31E-08	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08
1483	462908.72	3772952.55	2.65E-07	0.00E+00	0.00E+00	0.00E+00	2.65E-07	4.05E-08	0.00E+00	0.00E+00	0.00E+00	4.05E-08	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08
1484	462718.01	3773150.67	1.66E-07	0.00E+00	0.00E+00	0.00E+00	1.66E-07	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08
1485	462718.1	3773160.62	1.65E-07	0.00E+00	0.00E+00	0.00E+00	1.65E-07	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08
1486	462718.19	3773170.58	1.64E-07	0.00E+00	0.00E+00	0.00E+00	1.64E-07	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08
1487	462718.28	3773180.53	1.63E-07	0.00E+00	0.00E+00	0.00E+00	1.63E-07	2.49E-08	0.00E+00	0.00E+00	0.00E+00	2.49E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08
1488	462718.37	3773190.49	1.62E-07	0.00E+00	0.00E+00	0.00E+00	1.62E-07	2.48E-08	0.00E+00	0.00E+00	0.00E+00	2.48E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08
1489	462718.46	3773200.44	1.61E-07	0.00E+00	0.00E+00	0.00E+00	1.61E-07	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08
1490	462718.55	3773210.4	1.60E-07	0.00E+00	0.00E+00	0.00E+00	1.60E-07	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08
1491	462718.65	3773220.35	1.59E-07	0.00E+00	0.00E+00	0.00E+00	1.59E-07	2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08
1492	462718.74	3773230.31	1.57E-07	0.00E+00	0.00E+00	0.00E+00	1.57E-07	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
1493	462718.83	3773240.26	1.55E-07	0.00E+00	0.00E+00	0.00E+00	1.55E-07	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08
1494	462701.75	3773141.63	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08	9.41E-09	0.00E+00	0.00E+00	0.00E+00	9.41E-09
1495	462705.49	3773132.42	1.49E-07	0.00E+00	0.00E+00	0.00E+00	1.49E-07	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08	9.81E-09	0.00E+00	0.00E+00	0.00E+00	9.81E-09
1496	462709.23	3773123.2	1.56E-07	0.00E+00	0.00E+00	0.00E+00	1.56E-07	2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08
1497	462712.96	3773113.98	1.63E-07	0.00E+00	0.00E+00	0.00E+00	1.63E-07	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08
1498	462716.7	3773104.76	1.71E-07	0.00E+00	0.00E+00	0.00E+00	1.71E-07	2.62E-08	0.00E+00	0.00E+00	0.00E+00	2.62E-08	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08
1499	462720.44	3773095.55	1.79E-07	0.00E+00	0.00E+00	0.00E+00	1.79E-07	2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08
1500	462724.18	3773086.33	1.88E-07	0.00E+00	0.00E+00	0.00E+00	1.88E-07	2.87E-08	0.00E+00	0.00E+00	0.00E+00	2.87E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08
1501	462727.92	3773077.11	1.96E-07	0.00E+00	0.00E+00	0.00E+00	1.96E-07	3.00E-08	0.00E+00	0.00E+00	0.00E+00	3.00E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08
1502	462731.66	3773067.89	2.05E-07	0.00E+00	0.00E+00	0.00E+00	2.05E-07	3.13E-08	0.00E+00	0.00E+00	0.00E+00	3.13E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08
1503	462735.4	3773058.68	2.13E-07	0.00E+00	0.00E+00	0.00E+00	2.13E-07	3.26E-08	0.00E+00	0.00E+00	0.00E+00	3.26E-08	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08
1504	462739.13	3773049.46	2.21E-07	0.00E+00	0.00E+00	0.00E+00	2.21E-07	3.38E-08	0.00E+00	0.00E+00	0.00E+00	3.38E-08	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08
1505	462742.87	3773040.24	2.28E-07	0.00E+00	0.00E+00	0.00E+00	2.28E-07	3.49E-08	0.00E+00	0.00E+00	0.00E+00	3.49E-08	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08
1506	462746.61	3773031.02	2.34E-07	0.00E+00	0.00E+00	0.00E+00	2.34E-07	3.58E-08	0.00E+00	0.00E+00	0.00E+00	3.58E-08	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08
1507	462750.35	3773021.81	2.39E-07	0.00E+00	0.00E+00	0.00E+00	2.39E-07	3.65E-08	0.00E+00	0.00E+00	0.00E+00	3.65E-08	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08
1508	462754.09	3773012.59	2.42E-07	0.00E+00	0.00E+00	0.00E+00	2.42E-07	3.71E-08	0.00E+00	0.00E+00	0.00E+00	3.71E-08	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08
1509	462757.83	3773003.37	2.44E-07	0.00E+00	0.00E+00	0.00E+00	2.44E-07	3.74E-08	0.00E+00	0.00E+00	0.00E+00	3.74E-08	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08
1510	462770.74	3772990.31	2.58E-07	0.00E+00	0.00E+00	0.00E+00	2.58E-07	3.94E-08	0.00E+00	0.00E+00	0.00E+00	3.94E-08	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08
1511	462779.92	3772986.47	2.69E-07	0.00E+00	0.00E+00	0.00E+00	2.69E-07	4.12E-08	0.00E+00	0.00E+00	0.00E+00	4.12E-08	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08
1512	462789.09	3772982.63	2.80E-07	0.00E+00	0.00E+00	0.00E+00	2.80E-07	4.28E-08	0.00E+00	0.00E+00	0.00E+00	4.28E-08	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08
1513	462798.27	3772978.78	2.89E-07	0.00E+00	0.00E+00	0.00E+00	2.89E-07	4.42E-08	0.00E+00	0.00E+00	0.00E+00	4.42E-08	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08
1514	462807.44	3772974.94	2.95E-07	0.00E+00	0.00E+00	0.00E+00	2.95E-07	4.52E-08	0.00E+00	0.00E+00	0.00E+00	4.52E-08	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08
1515	462816.62	3772971.1	3.00E-07	0.00E+00	0.00E+00	0.00E+00	3.00E-07	4.59E-08	0.00E+00	0.00E+00	0.00E+00	4.59E-08	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08
1516	462825.79	3772967.26	3.02E-07	0.00E+00	0.00E+00	0.00E+00	3.02E-07	4.62E-08	0.00E+00	0.00E+00	0.00E+00	4.62E-08	1.98E-08	0.00E+00	0.00E+00	0.00E+00	1.98E-08
1517	462834.97	3772963.42	3.01E-07	0.00E+00	0.00E+00	0.00E+00	3.01E-07	4.61E-08	0.00E+00	0.00E+00	0.00E+00	4.61E-08	1.98E-08	0.00E+00	0.00E+00	0.00E+00	1.98E-08
1518	462844.14	3772959.58	2.98E-07	0.00E+00	0.00E+00	0.00E+00	2.98E-07	4.56E-08	0.00E+00	0.00E+00	0.00E+00	4.56E-08	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08
1519	462853.32	3772955.73	2.92E-07	0.00E+00	0.00E+00	0.00E+00	2.92E-07	4.47E-08	0.00E+00	0.00E+00	0.00E+00	4.47E-08	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08
1520	462862.49	3772951.89	2.84E-07	0.00E+00	0.00E+00	0.00E+00	2.84E-07	4.35E-08	0.00E+00	0.00E+00	0.00E+00	4.35E-08	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08
1521	462871.67	3772948.05	2.74E-07	0.00E+00	0.00E+00	0.00E+00	2.74E-07	4.19E-08	0.00E+00	0.00E+00	0.00E+00	4.19E-08	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08
1522	462880.84	3772944.21	2.62E-07	0.00E+00	0.00E+00	0.00E+00	2.62E-07	4.01E-08	0.00E+00	0.00E+00	0.00E+00	4.01E-08	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08
1523	462890.02	3772940.37	2.49E-07	0.00E+00	0.00E+00	0.00E+00	2.49E-07	3.80E-08	0.00E+00	0.00E+00	0.00E+00	3.80E-08	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08
1524	462899.19	3772936.52	2.34E-07	0.00E+00	0.00E+00	0.00E+00	2.34E-07	3.59E-08	0.00E+00	0.00E+00	0.00E+00	3.59E-08	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08
1525	462908.37	3772932.68	2.19E-07	0.00E+00	0.00E+00	0.00E+00	2.19E-07	3.36E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08
1526	462698.01	3773150.85	1.38E-07	0.00E+00	0.00E+00	0.00E+00	1.38E-07	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	9.04E-09	0.00E+00	0.00E+00	0.00E+00	9.04E-09
1527	462698.1	3773160.81	1.37E-07	0.00E+00	0.00E+00	0.00E+00	1.37E-07	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	8.99E-09	0.00E+00	0.00E+00	0.00E+00	8.99E-09
1528	462698.19	3773170.76	1.36E-07	0.00E+00	0.00E+00	0.00E+00	1.36E-07	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08	8.95E-09	0.00E+00	0.00E+00	0.00E+00	8.95E-09
1529	462698.28	3773180.72	1.36E-07	0.00E+00	0.00E+00	0.00E+00	1.36E-07	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08	8.91E-09	0.00E+00	0.00E+00	0.00E+00	8.91E-09
1530	462698.37	3773190.67	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	8.87E-09	0.00E+00	0.00E+00	0.00E+00	8.87E-09
1531	462698.46	3773200.63	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.83E-09	0.00E+00	0.00E+00	0.00E+00	8.83E-09
1532	462698.56	3773210.58	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	8.78E-09	0.00E+00	0.00E+00	0.00E+00	8.78E-09
1533	462698.65	3773220.54	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	8.72E-09	0.00E+00	0.00E+00	0.00E+00	8.72E-09
1534	462698.74	3773230.49	1.31E-07	0.00E+00	0.00E+00	0.00E+00	1.31E-07	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	8.60E-09	0.00E+00	0.00E+00	0.00E+00	8.60E-09
1535	462698.83	3773240.45	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07	1.98E-08	0.00E+00	0.00E+00	0.00E+00	1.98E-08	8.48E-09	0.00E+00	0.00E+00	0.00E+00	8.48E-09

1536	462681.66	3773142.04	1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	7.90E-09	0.00E+00	0.00E+00	0.00E+00	7.90E-09
1537	462685.31	3773133.04	1.25E-07	0.00E+00	0.00E+00	0.00E+00	1.25E-07	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	8.20E-09	0.00E+00	0.00E+00	0.00E+00	8.20E-09
1538	462688.96	3773124.04	1.30E-07	0.00E+00	0.00E+00	0.00E+00	1.30E-07	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	8.52E-09	0.00E+00	0.00E+00	0.00E+00	8.52E-09
1539	462692.61	3773115.05	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	8.87E-09	0.00E+00	0.00E+00	0.00E+00	8.87E-09
1540	462696.26	3773106.05	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08	9.25E-09	0.00E+00	0.00E+00	0.00E+00	9.25E-09
1541	462699.91	3773097.05	1.47E-07	0.00E+00	0.00E+00	0.00E+00	1.47E-07	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	9.65E-09	0.00E+00	0.00E+00	0.00E+00	9.65E-09
1542	462703.55	3773088.05	1.54E-07	0.00E+00	0.00E+00	0.00E+00	1.54E-07	2.35E-08	0.00E+00	0.00E+00	0.00E+00	2.35E-08	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08
1543	462707.2	3773079.06	1.60E-07	0.00E+00	0.00E+00	0.00E+00	1.60E-07	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08
1544	462710.85	3773070.06	1.67E-07	0.00E+00	0.00E+00	0.00E+00	1.67E-07	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08
1545	462714.5	3773061.06	1.75E-07	0.00E+00	0.00E+00	0.00E+00	1.75E-07	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08
1546	462718.15	3773052.07	1.81E-07	0.00E+00	0.00E+00	0.00E+00	1.81E-07	2.78E-08	0.00E+00	0.00E+00	0.00E+00	2.78E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08
1547	462721.8	3773043.07	1.88E-07	0.00E+00	0.00E+00	0.00E+00	1.88E-07	2.88E-08	0.00E+00	0.00E+00	0.00E+00	2.88E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08
1548	462725.45	3773034.07	1.94E-07	0.00E+00	0.00E+00	0.00E+00	1.94E-07	2.97E-08	0.00E+00	0.00E+00	0.00E+00	2.97E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08
1549	462729.1	3773025.08	2.00E-07	0.00E+00	0.00E+00	0.00E+00	2.00E-07	3.06E-08	0.00E+00	0.00E+00	0.00E+00	3.06E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08
1550	462732.75	3773016.08	2.04E-07	0.00E+00	0.00E+00	0.00E+00	2.04E-07	3.13E-08	0.00E+00	0.00E+00	0.00E+00	3.13E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08
1551	462736.4	3773007.08	2.08E-07	0.00E+00	0.00E+00	0.00E+00	2.08E-07	3.19E-08	0.00E+00	0.00E+00	0.00E+00	3.19E-08	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08
1552	462740.05	3772998.08	2.11E-07	0.00E+00	0.00E+00	0.00E+00	2.11E-07	3.23E-08	0.00E+00	0.00E+00	0.00E+00	3.23E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08
1553	462743.7	3772989.09	2.13E-07	0.00E+00	0.00E+00	0.00E+00	2.13E-07	3.26E-08	0.00E+00	0.00E+00	0.00E+00	3.26E-08	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08
1554	462756.3	3772976.34	2.24E-07	0.00E+00	0.00E+00	0.00E+00	2.24E-07	3.43E-08	0.00E+00	0.00E+00	0.00E+00	3.43E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08
1555	462765.26	3772972.59	2.34E-07	0.00E+00	0.00E+00	0.00E+00	2.34E-07	3.57E-08	0.00E+00	0.00E+00	0.00E+00	3.57E-08	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08
1556	462774.21	3772968.84	2.42E-07	0.00E+00	0.00E+00	0.00E+00	2.42E-07	3.71E-08	0.00E+00	0.00E+00	0.00E+00	3.71E-08	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08
1557	462783.17	3772965.09	2.50E-07	0.00E+00	0.00E+00	0.00E+00	2.50E-07	3.82E-08	0.00E+00	0.00E+00	0.00E+00	3.82E-08	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08
1558	462792.12	3772961.34	2.56E-07	0.00E+00	0.00E+00	0.00E+00	2.56E-07	3.92E-08	0.00E+00	0.00E+00	0.00E+00	3.92E-08	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08
1559	462801.08	3772957.59	2.60E-07	0.00E+00	0.00E+00	0.00E+00	2.60E-07	3.99E-08	0.00E+00	0.00E+00	0.00E+00	3.99E-08	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08
1560	462810.03	3772953.84	2.63E-07	0.00E+00	0.00E+00	0.00E+00	2.63E-07	4.03E-08	0.00E+00	0.00E+00	0.00E+00	4.03E-08	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08
1561	462818.99	3772950.09	2.64E-07	0.00E+00	0.00E+00	0.00E+00	2.64E-07	4.04E-08	0.00E+00	0.00E+00	0.00E+00	4.04E-08	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08
1562	462827.94	3772946.34	2.63E-07	0.00E+00	0.00E+00	0.00E+00	2.63E-07	4.02E-08	0.00E+00	0.00E+00	0.00E+00	4.02E-08	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08
1563	462836.9	3772942.59	2.59E-07	0.00E+00	0.00E+00	0.00E+00	2.59E-07	3.97E-08	0.00E+00	0.00E+00	0.00E+00	3.97E-08	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08
1564	462845.85	3772938.84	2.54E-07	0.00E+00	0.00E+00	0.00E+00	2.54E-07	3.89E-08	0.00E+00	0.00E+00	0.00E+00	3.89E-08	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08
1565	462854.81	3772935.09	2.48E-07	0.00E+00	0.00E+00	0.00E+00	2.48E-07	3.79E-08	0.00E+00	0.00E+00	0.00E+00	3.79E-08	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08
1566	462863.77	3772931.34	2.39E-07	0.00E+00	0.00E+00	0.00E+00	2.39E-07	3.66E-08	0.00E+00	0.00E+00	0.00E+00	3.66E-08	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08
1567	462872.72	3772927.59	2.30E-07	0.00E+00	0.00E+00	0.00E+00	2.30E-07	3.52E-08	0.00E+00	0.00E+00	0.00E+00	3.52E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08
1568	462881.68	3772923.84	2.19E-07	0.00E+00	0.00E+00	0.00E+00	2.19E-07	3.35E-08	0.00E+00	0.00E+00	0.00E+00	3.35E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08
1569	462890.63	3772920.09	2.07E-07	0.00E+00	0.00E+00	0.00E+00	2.07E-07	3.18E-08	0.00E+00	0.00E+00	0.00E+00	3.18E-08	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08
1570	462899.59	3772916.34	1.95E-07	0.00E+00	0.00E+00	0.00E+00	1.95E-07	2.99E-08	0.00E+00	0.00E+00	0.00E+00	2.99E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08
1571	462908.54	3772912.59	1.83E-07	0.00E+00	0.00E+00	0.00E+00	1.83E-07	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08
1572	462678.01	3773151.03	1.16E-07	0.00E+00	0.00E+00	0.00E+00	1.16E-07	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	7.62E-09	0.00E+00	0.00E+00	0.00E+00	7.62E-09
1573	462678.1	3773160.99	1.16E-07	0.00E+00	0.00E+00	0.00E+00	1.16E-07	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	7.59E-09	0.00E+00	0.00E+00	0.00E+00	7.59E-09
1574	462678.19	3773170.94	1.15E-07	0.00E+00	0.00E+00	0.00E+00	1.15E-07	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	7.56E-09	0.00E+00	0.00E+00	0.00E+00	7.56E-09
1575	462678.28	3773180.9	1.15E-07	0.00E+00	0.00E+00	0.00E+00	1.15E-07	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	7.53E-09	0.00E+00	0.00E+00	0.00E+00	7.53E-09
1576	462678.37	3773190.85	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	7.51E-09	0.00E+00	0.00E+00	0.00E+00	7.51E-09
1577	462678.47	3773200.81	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	7.47E-09	0.00E+00	0.00E+00	0.00E+00	7.47E-09
1578	462678.56	3773210.76	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	7.41E-09	0.00E+00	0.00E+00	0.00E+00	7.41E-09
1579	462678.65	3773220.72	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	7.36E-09	0.00E+00	0.00E+00	0.00E+00	7.36E-09
1580	462678.74	3773230.67	1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	7.29E-09	0.00E+00	0.00E+00	0.00E+00	7.29E-09
1581	462678.83	3773240.63	1.10E-07	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	7.22E-09	0.00E+00	0.00E+00	0.00E+00	7.22E-09
1582	462661.59	3773142.4	1.02E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-07	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	6.72E-09	0.00E+00	0.00E+00	0.00E+00	6.72E-09
1583	462665.16	3773133.58	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	6.94E-09	0.00E+00	0.00E+00	0.00E+00	6.94E-09
1584	462668.74	3773124.76	1.10E-07	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	7.19E-09	0.00E+00	0.00E+00	0.00E+00	7.19E-09
1585	462672.32	3773115.94	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	7.46E-09	0.00E+00	0.00E+00	0.00E+00	7.46E-09
1586	462675.89	3773107.12	1.18E-07	0.00E+00	0.00E+00	0.00E+00	1.18E-07	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	7.75E-09	0.00E+00	0.00E+00	0.00E+00	7.75E-09
1587	462679.47	3773098.31	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	8.05E-09	0.00E+00	0.00E+00	0.00E+00	8.05E-09
1588	462683.05	3773089.49	1.28E-07	0.00E+00	0.00E+00	0.00E+00	1.28E-07	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	8.38E-09	0.00E+00	0.00E+00	0.00E+00	8.38E-09
1589	462686.62	3773080.67	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	8.73E-09	0.00E+00	0.00E+00	0.00E+00	8.73E-09
1590	462690.2	3773071.85	1.39E-07	0.00E+00	0.00E+00	0.00E+00	1.39E-07	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08	9.10E-09	0.00E+00	0.00E+00	0.00E+00	9.10E-09
1591	462693.78	3773063.03	1.44E-07	0.00E+00	0.00E+00	0.00E+00	1.44E-07	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	9.48E-09	0.00E+00	0.00E+00	0.00E+00	9.48E-09
1592	462697.36	3773054.21	1.50E-07	0.00E+00	0.00E+00	0.00E+00	1.50E-07	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	9.86E-09	0.00E+00	0.00E+00	0.00E+00	9.86E-09

1593	462700.93	3773045.39	1.56E-07	0.00E+00	0.00E+00	0.00E+00	1.56E-07	2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08
1594	462704.51	3773036.58	1.62E-07	0.00E+00	0.00E+00	0.00E+00	1.62E-07	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08
1595	462708.09	3773027.76	1.67E-07	0.00E+00	0.00E+00	0.00E+00	1.67E-07	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08
1596	462711.66	3773018.94	1.72E-07	0.00E+00	0.00E+00	0.00E+00	1.72E-07	2.63E-08	0.00E+00	0.00E+00	0.00E+00	2.63E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08
1597	462715.24	3773010.12	1.76E-07	0.00E+00	0.00E+00	0.00E+00	1.76E-07	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08
1598	462718.82	3773001.3	1.80E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-07	2.76E-08	0.00E+00	0.00E+00	0.00E+00	2.76E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08
1599	462722.39	3772992.48	1.83E-07	0.00E+00	0.00E+00	0.00E+00	1.83E-07	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08
1600	462725.97	3772983.66	1.86E-07	0.00E+00	0.00E+00	0.00E+00	1.86E-07	2.84E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08
1601	462729.55	3772974.85	1.87E-07	0.00E+00	0.00E+00	0.00E+00	1.87E-07	2.87E-08	0.00E+00	0.00E+00	0.00E+00	2.87E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08
1602	462741.9	3772962.35	1.96E-07	0.00E+00	0.00E+00	0.00E+00	1.96E-07	3.01E-08	0.00E+00	0.00E+00	0.00E+00	3.01E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08
1603	462750.68	3772958.68	2.04E-07	0.00E+00	0.00E+00	0.00E+00	2.04E-07	3.13E-08	0.00E+00	0.00E+00	0.00E+00	3.13E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08
1604	462759.46	3772955	2.12E-07	0.00E+00	0.00E+00	0.00E+00	2.12E-07	3.24E-08	0.00E+00	0.00E+00	0.00E+00	3.24E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08
1605	462768.23	3772951.33	2.18E-07	0.00E+00	0.00E+00	0.00E+00	2.18E-07	3.34E-08	0.00E+00	0.00E+00	0.00E+00	3.34E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08
1606	462777.01	3772947.65	2.24E-07	0.00E+00	0.00E+00	0.00E+00	2.24E-07	3.42E-08	0.00E+00	0.00E+00	0.00E+00	3.42E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08
1607	462785.79	3772943.97	2.28E-07	0.00E+00	0.00E+00	0.00E+00	2.28E-07	3.49E-08	0.00E+00	0.00E+00	0.00E+00	3.49E-08	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08
1608	462794.57	3772940.3	2.31E-07	0.00E+00	0.00E+00	0.00E+00	2.31E-07	3.53E-08	0.00E+00	0.00E+00	0.00E+00	3.53E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08
1609	462803.35	3772936.62	2.32E-07	0.00E+00	0.00E+00	0.00E+00	2.32E-07	3.56E-08	0.00E+00	0.00E+00	0.00E+00	3.56E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08
1610	462812.12	3772932.95	2.32E-07	0.00E+00	0.00E+00	0.00E+00	2.32E-07	3.56E-08	0.00E+00	0.00E+00	0.00E+00	3.56E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08
1611	462820.9	3772929.27	2.31E-07	0.00E+00	0.00E+00	0.00E+00	2.31E-07	3.53E-08	0.00E+00	0.00E+00	0.00E+00	3.53E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08
1612	462829.68	3772925.6	2.28E-07	0.00E+00	0.00E+00	0.00E+00	2.28E-07	3.49E-08	0.00E+00	0.00E+00	0.00E+00	3.49E-08	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08
1613	462838.46	3772921.92	2.23E-07	0.00E+00	0.00E+00	0.00E+00	2.23E-07	3.42E-08	0.00E+00	0.00E+00	0.00E+00	3.42E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08
1614	462847.23	3772918.25	2.18E-07	0.00E+00	0.00E+00	0.00E+00	2.18E-07	3.33E-08	0.00E+00	0.00E+00	0.00E+00	3.33E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08
1615	462856.01	3772914.57	2.11E-07	0.00E+00	0.00E+00	0.00E+00	2.11E-07	3.23E-08	0.00E+00	0.00E+00	0.00E+00	3.23E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08
1616	462864.79	3772910.89	2.03E-07	0.00E+00	0.00E+00	0.00E+00	2.03E-07	3.11E-08	0.00E+00	0.00E+00	0.00E+00	3.11E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08
1617	462873.57	3772907.22	1.94E-07	0.00E+00	0.00E+00	0.00E+00	1.94E-07	2.97E-08	0.00E+00	0.00E+00	0.00E+00	2.97E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08
1618	462882.35	3772903.54	1.85E-07	0.00E+00	0.00E+00	0.00E+00	1.85E-07	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08
1619	462891.12	3772899.87	1.75E-07	0.00E+00	0.00E+00	0.00E+00	1.75E-07	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08
1620	462658.01	3773151.22	9.91E-08	0.00E+00	0.00E+00	0.00E+00	9.91E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	6.51E-09	0.00E+00	0.00E+00	0.00E+00	6.51E-09
1621	462658.1	3773161.17	9.88E-08	0.00E+00	0.00E+00	0.00E+00	9.88E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	6.48E-09	0.00E+00	0.00E+00	0.00E+00	6.48E-09
1622	462658.19	3773171.13	9.85E-08	0.00E+00	0.00E+00	0.00E+00	9.85E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	6.47E-09	0.00E+00	0.00E+00	0.00E+00	6.47E-09
1623	462658.28	3773181.08	9.82E-08	0.00E+00	0.00E+00	0.00E+00	9.82E-08	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	6.45E-09	0.00E+00	0.00E+00	0.00E+00	6.45E-09
1624	462658.37	3773191.04	9.80E-08	0.00E+00	0.00E+00	0.00E+00	9.80E-08	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	6.43E-09	0.00E+00	0.00E+00	0.00E+00	6.43E-09
1625	462658.47	3773200.99	9.71E-08	0.00E+00	0.00E+00	0.00E+00	9.71E-08	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	6.37E-09	0.00E+00	0.00E+00	0.00E+00	6.37E-09
1626	462658.56	3773210.95	9.65E-08	0.00E+00	0.00E+00	0.00E+00	9.65E-08	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	6.33E-09	0.00E+00	0.00E+00	0.00E+00	6.33E-09
1627	462658.65	3773220.9	9.60E-08	0.00E+00	0.00E+00	0.00E+00	9.60E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	6.30E-09	0.00E+00	0.00E+00	0.00E+00	6.30E-09
1628	462658.74	3773230.86	9.54E-08	0.00E+00	0.00E+00	0.00E+00	9.54E-08	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	6.26E-09	0.00E+00	0.00E+00	0.00E+00	6.26E-09
1629	462658.83	3773240.81	9.46E-08	0.00E+00	0.00E+00	0.00E+00	9.46E-08	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08	6.21E-09	0.00E+00	0.00E+00	0.00E+00	6.21E-09
1630	462641.69	3773142.33	8.82E-08	0.00E+00	0.00E+00	0.00E+00	8.82E-08	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	5.79E-09	0.00E+00	0.00E+00	0.00E+00	5.79E-09
1631	462645.37	3773133.27	9.11E-08	0.00E+00	0.00E+00	0.00E+00	9.11E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	5.98E-09	0.00E+00	0.00E+00	0.00E+00	5.98E-09
1632	462649.04	3773124.2	9.41E-08	0.00E+00	0.00E+00	0.00E+00	9.41E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	6.18E-09	0.00E+00	0.00E+00	0.00E+00	6.18E-09
1633	462652.72	3773115.14	9.74E-08	0.00E+00	0.00E+00	0.00E+00	9.74E-08	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	6.39E-09	0.00E+00	0.00E+00	0.00E+00	6.39E-09
1634	462656.4	3773106.07	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	6.63E-09	0.00E+00	0.00E+00	0.00E+00	6.63E-09
1635	462660.07	3773097.01	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	6.88E-09	0.00E+00	0.00E+00	0.00E+00	6.88E-09
1636	462663.75	3773087.94	1.09E-07	0.00E+00	0.00E+00	0.00E+00	1.09E-07	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	7.15E-09	0.00E+00	0.00E+00	0.00E+00	7.15E-09
1637	462667.43	3773078.88	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	7.45E-09	0.00E+00	0.00E+00	0.00E+00	7.45E-09
1638	462671.1	3773069.81	1.18E-07	0.00E+00	0.00E+00	0.00E+00	1.18E-07	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	7.75E-09	0.00E+00	0.00E+00	0.00E+00	7.75E-09
1639	462674.78	3773060.75	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	8.08E-09	0.00E+00	0.00E+00	0.00E+00	8.08E-09
1640	462678.46	3773051.68	1.28E-07	0.00E+00	0.00E+00	0.00E+00	1.28E-07	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	8.41E-09	0.00E+00	0.00E+00	0.00E+00	8.41E-09
1641	462682.13	3773042.62	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	8.74E-09	0.00E+00	0.00E+00	0.00E+00	8.74E-09
1642	462685.81	3773033.55	1.38E-07	0.00E+00	0.00E+00	0.00E+00	1.38E-07	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08	9.07E-09	0.00E+00	0.00E+00	0.00E+00	9.07E-09
1643	462689.49	3773024.49	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	9.39E-09	0.00E+00	0.00E+00	0.00E+00	9.39E-09
1644	462693.16	3773015.42	1.48E-07	0.00E+00	0.00E+00	0.00E+00	1.48E-07	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08	9.70E-09	0.00E+00	0.00E+00	0.00E+00	9.70E-09
1645	462696.84	3773006.36	1.52E-07	0.00E+00	0.00E+00	0.00E+00	1.52E-07	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08	9.99E-09	0.00E+00	0.00E+00	0.00E+00	9.99E-09
1646	462700.52	3772997.29	1.56E-07	0.00E+00	0.00E+00	0.00E+00	1.56E-07	2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08
1647	462704.19	3772988.23	1.60E-07	0.00E+00	0.00E+00	0.00E+00	1.60E-07	2.44E-08	0.00E+00	0.00E+00	0.00E+00	2.44E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08
1648	462707.87	3772979.16	1.62E-07	0.00E+00	0.00E+00	0.00E+00	1.62E-07	2.48E-08	0.00E+00	0.00E+00	0.00E+00	2.48E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08
1649	462711.55	3772970.1	1.64E-07	0.00E+00	0.00E+00	0.00E+00	1.64E-07	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08

1650	462715.22	3772961.03	1.66E-07	0.00E+00	0.00E+00	0.00E+00	1.66E-07	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08
1651	462727.92	3772948.19	1.74E-07	0.00E+00	0.00E+00	0.00E+00	1.74E-07	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08
1652	462736.95	3772944.41	1.81E-07	0.00E+00	0.00E+00	0.00E+00	1.81E-07	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08
1653	462745.97	3772940.63	1.87E-07	0.00E+00	0.00E+00	0.00E+00	1.87E-07	2.87E-08	0.00E+00	0.00E+00	0.00E+00	2.87E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08
1654	462755	3772936.85	1.93E-07	0.00E+00	0.00E+00	0.00E+00	1.93E-07	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08
1655	462764.02	3772933.07	1.98E-07	0.00E+00	0.00E+00	0.00E+00	1.98E-07	3.03E-08	0.00E+00	0.00E+00	0.00E+00	3.03E-08	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08
1656	462773.04	3772929.29	2.02E-07	0.00E+00	0.00E+00	0.00E+00	2.02E-07	3.09E-08	0.00E+00	0.00E+00	0.00E+00	3.09E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08
1657	462782.07	3772925.52	2.05E-07	0.00E+00	0.00E+00	0.00E+00	2.05E-07	3.13E-08	0.00E+00	0.00E+00	0.00E+00	3.13E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08
1658	462791.09	3772921.74	2.06E-07	0.00E+00	0.00E+00	0.00E+00	2.06E-07	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08
1659	462800.11	3772917.96	2.06E-07	0.00E+00	0.00E+00	0.00E+00	2.06E-07	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08
1660	462809.14	3772914.18	2.05E-07	0.00E+00	0.00E+00	0.00E+00	2.05E-07	3.15E-08	0.00E+00	0.00E+00	0.00E+00	3.15E-08	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08
1661	462818.16	3772910.4	2.03E-07	0.00E+00	0.00E+00	0.00E+00	2.03E-07	3.11E-08	0.00E+00	0.00E+00	0.00E+00	3.11E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08
1662	462827.18	3772906.62	2.00E-07	0.00E+00	0.00E+00	0.00E+00	2.00E-07	3.06E-08	0.00E+00	0.00E+00	0.00E+00	3.06E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08
1663	462836.21	3772902.85	1.95E-07	0.00E+00	0.00E+00	0.00E+00	1.95E-07	2.99E-08	0.00E+00	0.00E+00	0.00E+00	2.99E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08
1664	462845.23	3772899.07	1.89E-07	0.00E+00	0.00E+00	0.00E+00	1.89E-07	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08
1665	462638.01	3773151.4	8.56E-08	0.00E+00	0.00E+00	0.00E+00	8.56E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	5.62E-09	0.00E+00	0.00E+00	0.00E+00	5.62E-09
1666	462638.1	3773161.35	8.54E-08	0.00E+00	0.00E+00	0.00E+00	8.54E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	5.60E-09	0.00E+00	0.00E+00	0.00E+00	5.60E-09
1667	462638.19	3773171.31	8.52E-08	0.00E+00	0.00E+00	0.00E+00	8.52E-08	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	5.59E-09	0.00E+00	0.00E+00	0.00E+00	5.59E-09
1668	462638.28	3773181.26	8.50E-08	0.00E+00	0.00E+00	0.00E+00	8.50E-08	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	5.58E-09	0.00E+00	0.00E+00	0.00E+00	5.58E-09
1669	462638.38	3773191.22	8.48E-08	0.00E+00	0.00E+00	0.00E+00	8.48E-08	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	5.57E-09	0.00E+00	0.00E+00	0.00E+00	5.57E-09
1670	462638.47	3773201.17	8.42E-08	0.00E+00	0.00E+00	0.00E+00	8.42E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	5.52E-09	0.00E+00	0.00E+00	0.00E+00	5.52E-09
1671	462638.56	3773211.13	8.37E-08	0.00E+00	0.00E+00	0.00E+00	8.37E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	5.49E-09	0.00E+00	0.00E+00	0.00E+00	5.49E-09
1672	462638.65	3773221.08	8.33E-08	0.00E+00	0.00E+00	0.00E+00	8.33E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	5.47E-09	0.00E+00	0.00E+00	0.00E+00	5.47E-09
1673	462638.74	3773231.04	8.29E-08	0.00E+00	0.00E+00	0.00E+00	8.29E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	5.44E-09	0.00E+00	0.00E+00	0.00E+00	5.44E-09
1674	462638.83	3773240.99	8.22E-08	0.00E+00	0.00E+00	0.00E+00	8.22E-08	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	5.39E-09	0.00E+00	0.00E+00	0.00E+00	5.39E-09
1675	462628.85	3773124.87	8.13E-08	0.00E+00	0.00E+00	0.00E+00	8.13E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	5.34E-09	0.00E+00	0.00E+00	0.00E+00	5.34E-09
1676	462632.46	3773115.97	8.39E-08	0.00E+00	0.00E+00	0.00E+00	8.39E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	5.51E-09	0.00E+00	0.00E+00	0.00E+00	5.51E-09
1677	462636.07	3773107.07	8.67E-08	0.00E+00	0.00E+00	0.00E+00	8.67E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	5.69E-09	0.00E+00	0.00E+00	0.00E+00	5.69E-09
1678	462639.68	3773098.16	8.96E-08	0.00E+00	0.00E+00	0.00E+00	8.96E-08	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	5.88E-09	0.00E+00	0.00E+00	0.00E+00	5.88E-09
1679	462643.29	3773089.26	9.28E-08	0.00E+00	0.00E+00	0.00E+00	9.28E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	6.09E-09	0.00E+00	0.00E+00	0.00E+00	6.09E-09
1680	462646.9	3773080.36	9.63E-08	0.00E+00	0.00E+00	0.00E+00	9.63E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	6.32E-09	0.00E+00	0.00E+00	0.00E+00	6.32E-09
1681	462650.51	3773071.45	1.00E-07	0.00E+00	0.00E+00	0.00E+00	1.00E-07	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	6.56E-09	0.00E+00	0.00E+00	0.00E+00	6.56E-09
1682	462654.12	3773062.55	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	6.82E-09	0.00E+00	0.00E+00	0.00E+00	6.82E-09
1683	462657.74	3773053.65	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	7.09E-09	0.00E+00	0.00E+00	0.00E+00	7.09E-09
1684	462661.35	3773044.74	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	7.37E-09	0.00E+00	0.00E+00	0.00E+00	7.37E-09
1685	462664.96	3773035.84	1.17E-07	0.00E+00	0.00E+00	0.00E+00	1.17E-07	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	7.65E-09	0.00E+00	0.00E+00	0.00E+00	7.65E-09
1686	462668.57	3773026.94	1.21E-07	0.00E+00	0.00E+00	0.00E+00	1.21E-07	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08	7.93E-09	0.00E+00	0.00E+00	0.00E+00	7.93E-09
1687	462672.18	3773018.03	1.25E-07	0.00E+00	0.00E+00	0.00E+00	1.25E-07	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	8.21E-09	0.00E+00	0.00E+00	0.00E+00	8.21E-09
1688	462675.79	3773009.13	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07	1.98E-08	0.00E+00	0.00E+00	0.00E+00	1.98E-08	8.48E-09	0.00E+00	0.00E+00	0.00E+00	8.48E-09
1689	462679.4	3773000.23	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	8.73E-09	0.00E+00	0.00E+00	0.00E+00	8.73E-09
1690	462683.01	3772991.32	1.37E-07	0.00E+00	0.00E+00	0.00E+00	1.37E-07	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08	8.97E-09	0.00E+00	0.00E+00	0.00E+00	8.97E-09
1691	462686.62	3772982.42	1.40E-07	0.00E+00	0.00E+00	0.00E+00	1.40E-07	2.14E-08	0.00E+00	0.00E+00	0.00E+00	2.14E-08	9.18E-09	0.00E+00	0.00E+00	0.00E+00	9.18E-09
1692	462690.24	3772973.52	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	9.36E-09	0.00E+00	0.00E+00	0.00E+00	9.36E-09
1693	462693.85	3772964.61	1.45E-07	0.00E+00	0.00E+00	0.00E+00	1.45E-07	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08	9.51E-09	0.00E+00	0.00E+00	0.00E+00	9.51E-09
1694	462697.46	3772955.71	1.47E-07	0.00E+00	0.00E+00	0.00E+00	1.47E-07	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	9.63E-09	0.00E+00	0.00E+00	0.00E+00	9.63E-09
1695	462701.07	3772946.81	1.48E-07	0.00E+00	0.00E+00	0.00E+00	1.48E-07	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	9.71E-09	0.00E+00	0.00E+00	0.00E+00	9.71E-09
1696	462713.54	3772934.19	1.55E-07	0.00E+00	0.00E+00	0.00E+00	1.55E-07	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08
1697	462722.4	3772930.48	1.61E-07	0.00E+00	0.00E+00	0.00E+00	1.61E-07	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08
1698	462731.27	3772926.77	1.66E-07	0.00E+00	0.00E+00	0.00E+00	1.66E-07	2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08
1699	462740.13	3772923.06	1.71E-07	0.00E+00	0.00E+00	0.00E+00	1.71E-07	2.62E-08	0.00E+00	0.00E+00	0.00E+00	2.62E-08	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08
1700	462748.99	3772919.35	1.76E-07	0.00E+00	0.00E+00	0.00E+00	1.76E-07	2.69E-08	0.00E+00	0.00E+00	0.00E+00	2.69E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08
1701	462757.85	3772915.64	1.79E-07	0.00E+00	0.00E+00	0.00E+00	1.79E-07	2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08
1702	462766.72	3772911.93	1.82E-07	0.00E+00	0.00E+00	0.00E+00	1.82E-07	2.79E-08	0.00E+00	0.00E+00	0.00E+00	2.79E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08
1703	462775.58	3772908.22	1.84E-07	0.00E+00	0.00E+00	0.00E+00	1.84E-07	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08
1704	462784.44	3772904.5	1.85E-07	0.00E+00	0.00E+00	0.00E+00	1.85E-07	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08
1705	462793.3	3772900.79	1.84E-07	0.00E+00	0.00E+00	0.00E+00	1.84E-07	2.82E-08	0.00E+00	0.00E+00	0.00E+00	2.82E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08
1706	462802.16	3772897.08	1.83E-07	0.00E+00	0.00E+00	0.00E+00	1.83E-07	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08

1707	462890.79	3772859.97	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07		1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08		8.46E-09	0.00E+00	0.00E+00	0.00E+00	8.46E-09
1708	462899.65	3772856.26	1.22E-07	0.00E+00	0.00E+00	0.00E+00	1.22E-07		1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08		7.98E-09	0.00E+00	0.00E+00	0.00E+00	7.98E-09
1709	462908.51	3772852.55	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07		1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08		7.51E-09	0.00E+00	0.00E+00	0.00E+00	7.51E-09
1710	462591.68	3773142.82	6.33E-08	0.00E+00	0.00E+00	0.00E+00	6.33E-08		9.70E-09	0.00E+00	0.00E+00	0.00E+00	9.70E-09		4.16E-09	0.00E+00	0.00E+00	0.00E+00	4.16E-09
1711	462595.35	3773133.78	6.50E-08	0.00E+00	0.00E+00	0.00E+00	6.50E-08		9.95E-09	0.00E+00	0.00E+00	0.00E+00	9.95E-09		4.26E-09	0.00E+00	0.00E+00	0.00E+00	4.26E-09
1712	462599.01	3773124.74	6.67E-08	0.00E+00	0.00E+00	0.00E+00	6.67E-08		1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08		4.38E-09	0.00E+00	0.00E+00	0.00E+00	4.38E-09
1713	462602.68	3773115.7	6.86E-08	0.00E+00	0.00E+00	0.00E+00	6.86E-08		1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08		4.50E-09	0.00E+00	0.00E+00	0.00E+00	4.50E-09
1714	462606.35	3773106.65	7.07E-08	0.00E+00	0.00E+00	0.00E+00	7.07E-08		1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08		4.64E-09	0.00E+00	0.00E+00	0.00E+00	4.64E-09
1715	462628.35	3773052.41	8.66E-08	0.00E+00	0.00E+00	0.00E+00	8.66E-08		1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08		5.68E-09	0.00E+00	0.00E+00	0.00E+00	5.68E-09
1716	462632.01	3773043.37	8.99E-08	0.00E+00	0.00E+00	0.00E+00	8.99E-08		1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08		5.90E-09	0.00E+00	0.00E+00	0.00E+00	5.90E-09
1717	462635.68	3773034.33	9.33E-08	0.00E+00	0.00E+00	0.00E+00	9.33E-08		1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08		6.12E-09	0.00E+00	0.00E+00	0.00E+00	6.12E-09
1718	462639.35	3773025.29	9.68E-08	0.00E+00	0.00E+00	0.00E+00	9.68E-08		1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08		6.35E-09	0.00E+00	0.00E+00	0.00E+00	6.35E-09
1719	462643.01	3773016.25	1.00E-07	0.00E+00	0.00E+00	0.00E+00	1.00E-07		1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08		6.58E-09	0.00E+00	0.00E+00	0.00E+00	6.58E-09
1720	462646.68	3773007.21	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07		1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08		6.82E-09	0.00E+00	0.00E+00	0.00E+00	6.82E-09
1721	462650.35	3772998.17	1.07E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-07		1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08		7.04E-09	0.00E+00	0.00E+00	0.00E+00	7.04E-09
1722	462654.01	3772989.13	1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07		1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08		7.26E-09	0.00E+00	0.00E+00	0.00E+00	7.26E-09
1723	462657.68	3772980.09	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07		1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08		7.47E-09	0.00E+00	0.00E+00	0.00E+00	7.47E-09
1724	462661.35	3772971.05	1.17E-07	0.00E+00	0.00E+00	0.00E+00	1.17E-07		1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08		7.66E-09	0.00E+00	0.00E+00	0.00E+00	7.66E-09
1725	462665.01	3772962.01	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07		1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08		7.83E-09	0.00E+00	0.00E+00	0.00E+00	7.83E-09
1726	462668.68	3772952.97	1.22E-07	0.00E+00	0.00E+00	0.00E+00	1.22E-07		1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08		7.99E-09	0.00E+00	0.00E+00	0.00E+00	7.99E-09
1727	462672.35	3772943.93	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07		1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08		8.11E-09	0.00E+00	0.00E+00	0.00E+00	8.11E-09
1728	462676.01	3772934.89	1.25E-07	0.00E+00	0.00E+00	0.00E+00	1.25E-07		1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08		8.21E-09	0.00E+00	0.00E+00	0.00E+00	8.21E-09
1729	462679.68	3772925.85	1.26E-07	0.00E+00	0.00E+00	0.00E+00	1.26E-07		1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08		8.28E-09	0.00E+00	0.00E+00	0.00E+00	8.28E-09
1730	462692.35	3772913.04	1.32E-07	0.00E+00	0.00E+00	0.00E+00	1.32E-07		2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08		8.67E-09	0.00E+00	0.00E+00	0.00E+00	8.67E-09
1731	462701.35	3772909.27	1.37E-07	0.00E+00	0.00E+00	0.00E+00	1.37E-07		2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08		8.99E-09	0.00E+00	0.00E+00	0.00E+00	8.99E-09
1732	462710.34	3772905.5	1.42E-07	0.00E+00	0.00E+00	0.00E+00	1.42E-07		2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08		9.29E-09	0.00E+00	0.00E+00	0.00E+00	9.29E-09
1733	462719.34	3772901.74	1.46E-07	0.00E+00	0.00E+00	0.00E+00	1.46E-07		2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08		9.56E-09	0.00E+00	0.00E+00	0.00E+00	9.56E-09
1734	462728.34	3772897.97	1.49E-07	0.00E+00	0.00E+00	0.00E+00	1.49E-07		2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08		9.80E-09	0.00E+00	0.00E+00	0.00E+00	9.80E-09
1735	462737.34	3772894.2	1.52E-07	0.00E+00	0.00E+00	0.00E+00	1.52E-07		2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08		1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08
1736	462827.33	3772856.52	1.44E-07	0.00E+00	0.00E+00	0.00E+00	1.44E-07		2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08		9.43E-09	0.00E+00	0.00E+00	0.00E+00	9.43E-09
1737	462836.32	3772852.75	1.39E-07	0.00E+00	0.00E+00	0.00E+00	1.39E-07		2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08		9.13E-09	0.00E+00	0.00E+00	0.00E+00	9.13E-09
1738	462845.32	3772848.98	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07		2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08		8.79E-09	0.00E+00	0.00E+00	0.00E+00	8.79E-09
1739	462854.32	3772845.22	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07		1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08		8.43E-09	0.00E+00	0.00E+00	0.00E+00	8.43E-09
1740	462863.32	3772841.45	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07		1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08		8.06E-09	0.00E+00	0.00E+00	0.00E+00	8.06E-09
1741	462872.32	3772837.68	1.17E-07	0.00E+00	0.00E+00	0.00E+00	1.17E-07		1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08		7.67E-09	0.00E+00	0.00E+00	0.00E+00	7.67E-09
1742	462881.32	3772833.91	1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07		1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08		7.27E-09	0.00E+00	0.00E+00	0.00E+00	7.27E-09
1743	462890.32	3772830.14	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07		1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08		6.88E-09	0.00E+00	0.00E+00	0.00E+00	6.88E-09
1744	462899.31	3772826.38	9.89E-08	0.00E+00	0.00E+00	0.00E+00	9.89E-08		1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08		6.49E-09	0.00E+00	0.00E+00	0.00E+00	6.49E-09
1745	462588.01	3773151.86	6.18E-08	0.00E+00	0.00E+00	0.00E+00	6.18E-08		9.46E-09	0.00E+00	0.00E+00	0.00E+00	9.46E-09		4.06E-09	0.00E+00	0.00E+00	0.00E+00	4.06E-09
1746	462588.1	3773161.81	6.17E-08	0.00E+00	0.00E+00	0.00E+00	6.17E-08		9.45E-09	0.00E+00	0.00E+00	0.00E+00	9.45E-09		4.05E-09	0.00E+00	0.00E+00	0.00E+00	4.05E-09
1747	462588.2	3773171.77	6.17E-08	0.00E+00	0.00E+00	0.00E+00	6.17E-08		9.44E-09	0.00E+00	0.00E+00	0.00E+00	9.44E-09		4.05E-09	0.00E+00	0.00E+00	0.00E+00	4.05E-09
1748	462588.29	3773181.72	6.16E-08	0.00E+00	0.00E+00	0.00E+00	6.16E-08		9.43E-09	0.00E+00	0.00E+00	0.00E+00	9.43E-09		4.04E-09	0.00E+00	0.00E+00	0.00E+00	4.04E-09
1749	462588.38	3773191.68	6.15E-08	0.00E+00	0.00E+00	0.00E+00	6.15E-08		9.41E-09	0.00E+00	0.00E+00	0.00E+00	9.41E-09		4.03E-09	0.00E+00	0.00E+00	0.00E+00	4.03E-09
1750	462588.47	3773201.63	6.11E-08	0.00E+00	0.00E+00	0.00E+00	6.11E-08		9.35E-09	0.00E+00	0.00E+00	0.00E+00	9.35E-09		4.01E-09	0.00E+00	0.00E+00	0.00E+00	4.01E-09
1751	462588.56	3773211.59	6.08E-08	0.00E+00	0.00E+00	0.00E+00	6.08E-08		9.31E-09	0.00E+00	0.00E+00	0.00E+00	9.31E-09		3.99E-09	0.00E+00	0.00E+00	0.00E+00	3.99E-09
1752	462588.65	3773221.54	6.06E-08	0.00E+00	0.00E+00	0.00E+00	6.06E-08		9.28E-09	0.00E+00	0.00E+00	0.00E+00	9.28E-09		3.98E-09	0.00E+00	0.00E+00	0.00E+00	3.98E-09
1753	462588.74	3773231.5	6.04E-08	0.00E+00	0.00E+00	0.00E+00	6.04E-08		9.25E-09	0.00E+00	0.00E+00	0.00E+00	9.25E-09		3.96E-09	0.00E+00	0.00E+00	0.00E+00	3.96E-09
1754	462588.83	3773241.45	6.00E-08	0.00E+00	0.00E+00	0.00E+00	6.00E-08		9.18E-09	0.00E+00	0.00E+00	0.00E+00	9.18E-09		3.94E-09	0.00E+00	0.00E+00	0.00E+00	3.94E-09
1755	462561.73	3773142.97	5.32E-08	0.00E+00	0.00E+00	0.00E+00	5.32E-08		8.14E-09	0.00E+00	0.00E+00	0.00E+00	8.14E-09		3.49E-09	0.00E+00	0.00E+00	0.00E+00	3.49E-09
1756	462565.44	3773133.82	5.44E-08	0.00E+00	0.00E+00	0.00E+00	5.44E-08		8.33E-09	0.00E+00	0.00E+00	0.00E+00	8.33E-09		3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09
1757	462569.16	3773124.66	5.58E-08	0.00E+00	0.00E+00	0.00E+00	5.58E-08		8.54E-09	0.00E+00	0.00E+00	0.00E+00	8.54E-09		3.66E-09	0.00E+00	0.00E+00	0.00E+00	3.66E-09
1758	462572.87	3773115.5	5.72E-08	0.00E+00	0.00E+00	0.00E+00	5.72E-08		8.75E-09	0.00E+00	0.00E+00	0.00E+00	8.75E-09		3.75E-09	0.00E+00	0.00E+00	0.00E+00	3.75E-09
1759	462576.59	3773106.34	5.87E-08	0.00E+00	0.00E+00	0.00E+00	5.87E-08		8.99E-09	0.00E+00	0.00E+00	0.00E+00	8.99E-09		3.85E-09	0.00E+00	0.00E+00	0.00E+00	3.85E-09
1760	462580.3	3773097.18	6.03E-08	0.00E+00	0.00E+00	0.00E+00	6.03E-08		9.24E-09	0.00E+00	0.00E+00	0.00E+00	9.24E-09		3.96E-09	0.00E+00	0.00E+00	0.00E+00	3.96E-09
1761	462584.02	3773088.03	6.21E-08	0.00E+00	0.00E+00	0.00E+00	6.21E-08		9.51E-09	0.00E+00	0.00E+00	0.00E+00	9.51E-09		4.07E-09	0.00E+00	0.00E+00	0.00E+00	4.07E-09
1762	462587.73	3773078.87	6.40E-08	0.00E+00	0.00E+00	0.00E+00	6.40E-08		9.80E-09	0.00E+00	0.00E+00	0.00E+00	9.80E-09		4.20E-09	0.00E+00	0.00E+00	0.00E+00	4.20E-09
1763	462591.44	3773069.71	6.61E-08	0.00E+00	0.00E+00	0.00E+00	6.61E-08		1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08		4.34E-09	0.00E+00	0.00E+00	0.00E+00	4.34E-09

1764	462595.16	3773060.55	6.83E-08	0.00E+00	0.00E+00	0.00E+00	6.83E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	4.48E-09	0.00E+00	0.00E+00	0.00E+00	4.48E-09
1765	462598.87	3773051.4	7.07E-08	0.00E+00	0.00E+00	0.00E+00	7.07E-08	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	4.64E-09	0.00E+00	0.00E+00	0.00E+00	4.64E-09
1766	462602.59	3773042.24	7.32E-08	0.00E+00	0.00E+00	0.00E+00	7.32E-08	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	4.81E-09	0.00E+00	0.00E+00	0.00E+00	4.81E-09
1767	462606.3	3773033.08	7.59E-08	0.00E+00	0.00E+00	0.00E+00	7.59E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	4.98E-09	0.00E+00	0.00E+00	0.00E+00	4.98E-09
1768	462628.59	3772978.13	9.32E-08	0.00E+00	0.00E+00	0.00E+00	9.32E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	6.12E-09	0.00E+00	0.00E+00	0.00E+00	6.12E-09
1769	462632.3	3772968.98	9.60E-08	0.00E+00	0.00E+00	0.00E+00	9.60E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	6.30E-09	0.00E+00	0.00E+00	0.00E+00	6.30E-09
1770	462636.02	3772959.82	9.86E-08	0.00E+00	0.00E+00	0.00E+00	9.86E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	6.47E-09	0.00E+00	0.00E+00	0.00E+00	6.47E-09
1771	462639.73	3772950.66	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	6.63E-09	0.00E+00	0.00E+00	0.00E+00	6.63E-09
1772	462643.44	3772941.5	1.03E-07	0.00E+00	0.00E+00	0.00E+00	1.03E-07	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	6.77E-09	0.00E+00	0.00E+00	0.00E+00	6.77E-09
1773	462647.16	3772932.35	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	6.90E-09	0.00E+00	0.00E+00	0.00E+00	6.90E-09
1774	462650.87	3772923.19	1.07E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-07	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	7.00E-09	0.00E+00	0.00E+00	0.00E+00	7.00E-09
1775	462654.59	3772914.03	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	7.09E-09	0.00E+00	0.00E+00	0.00E+00	7.09E-09
1776	462658.3	3772904.87	1.09E-07	0.00E+00	0.00E+00	0.00E+00	1.09E-07	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	7.15E-09	0.00E+00	0.00E+00	0.00E+00	7.15E-09
1777	462671.13	3772891.9	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	7.47E-09	0.00E+00	0.00E+00	0.00E+00	7.47E-09
1778	462762.29	3772853.73	1.37E-07	0.00E+00	0.00E+00	0.00E+00	1.37E-07	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08	8.96E-09	0.00E+00	0.00E+00	0.00E+00	8.96E-09
1779	462771.4	3772849.91	1.36E-07	0.00E+00	0.00E+00	0.00E+00	1.36E-07	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08	8.92E-09	0.00E+00	0.00E+00	0.00E+00	8.92E-09
1780	462780.52	3772846.09	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.83E-09	0.00E+00	0.00E+00	0.00E+00	8.83E-09
1781	462789.63	3772842.28	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	8.71E-09	0.00E+00	0.00E+00	0.00E+00	8.71E-09
1782	462798.75	3772838.46	1.30E-07	0.00E+00	0.00E+00	0.00E+00	1.30E-07	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	8.54E-09	0.00E+00	0.00E+00	0.00E+00	8.54E-09
1783	462807.86	3772834.64	1.27E-07	0.00E+00	0.00E+00	0.00E+00	1.27E-07	1.95E-08	0.00E+00	0.00E+00	0.00E+00	1.95E-08	8.35E-09	0.00E+00	0.00E+00	0.00E+00	8.35E-09
1784	462816.98	3772830.83	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	8.12E-09	0.00E+00	0.00E+00	0.00E+00	8.12E-09
1785	462826.09	3772827.01	1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	7.86E-09	0.00E+00	0.00E+00	0.00E+00	7.86E-09
1786	462889.9	3772800.29	8.66E-08	0.00E+00	0.00E+00	0.00E+00	8.66E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	5.68E-09	0.00E+00	0.00E+00	0.00E+00	5.68E-09
1787	462899.02	3772796.47	8.18E-08	0.00E+00	0.00E+00	0.00E+00	8.18E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	5.37E-09	0.00E+00	0.00E+00	0.00E+00	5.37E-09
1788	462908.13	3772792.66	7.71E-08	0.00E+00	0.00E+00	0.00E+00	7.71E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	5.06E-09	0.00E+00	0.00E+00	0.00E+00	5.06E-09
1789	462558.02	3773152.13	5.20E-08	0.00E+00	0.00E+00	0.00E+00	5.20E-08	7.96E-09	0.00E+00	0.00E+00	0.00E+00	7.96E-09	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09
1790	462558.11	3773162.09	5.20E-08	0.00E+00	0.00E+00	0.00E+00	5.20E-08	7.95E-09	0.00E+00	0.00E+00	0.00E+00	7.95E-09	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09
1791	462558.2	3773172.04	5.19E-08	0.00E+00	0.00E+00	0.00E+00	5.19E-08	7.95E-09	0.00E+00	0.00E+00	0.00E+00	7.95E-09	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09
1792	462558.29	3773182	5.19E-08	0.00E+00	0.00E+00	0.00E+00	5.19E-08	7.94E-09	0.00E+00	0.00E+00	0.00E+00	7.94E-09	3.40E-09	0.00E+00	0.00E+00	0.00E+00	3.40E-09
1793	462558.38	3773191.95	5.18E-08	0.00E+00	0.00E+00	0.00E+00	5.18E-08	7.93E-09	0.00E+00	0.00E+00	0.00E+00	7.93E-09	3.40E-09	0.00E+00	0.00E+00	0.00E+00	3.40E-09
1794	462558.47	3773201.91	5.15E-08	0.00E+00	0.00E+00	0.00E+00	5.15E-08	7.88E-09	0.00E+00	0.00E+00	0.00E+00	7.88E-09	3.38E-09	0.00E+00	0.00E+00	0.00E+00	3.38E-09
1795	462558.56	3773211.86	5.13E-08	0.00E+00	0.00E+00	0.00E+00	5.13E-08	7.85E-09	0.00E+00	0.00E+00	0.00E+00	7.85E-09	3.37E-09	0.00E+00	0.00E+00	0.00E+00	3.37E-09
1796	462558.65	3773221.82	5.12E-08	0.00E+00	0.00E+00	0.00E+00	5.12E-08	7.83E-09	0.00E+00	0.00E+00	0.00E+00	7.83E-09	3.36E-09	0.00E+00	0.00E+00	0.00E+00	3.36E-09
1797	462558.74	3773231.77	5.10E-08	0.00E+00	0.00E+00	0.00E+00	5.10E-08	7.81E-09	0.00E+00	0.00E+00	0.00E+00	7.81E-09	3.35E-09	0.00E+00	0.00E+00	0.00E+00	3.35E-09
1798	462558.83	3773241.73	5.07E-08	0.00E+00	0.00E+00	0.00E+00	5.07E-08	7.76E-09	0.00E+00	0.00E+00	0.00E+00	7.76E-09	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09
1799	462531.65	3773143.44	4.53E-08	0.00E+00	0.00E+00	0.00E+00	4.53E-08	6.93E-09	0.00E+00	0.00E+00	0.00E+00	6.93E-09	2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09
1800	462535.29	3773134.48	4.62E-08	0.00E+00	0.00E+00	0.00E+00	4.62E-08	7.08E-09	0.00E+00	0.00E+00	0.00E+00	7.08E-09	3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.03E-09
1801	462538.92	3773125.52	4.72E-08	0.00E+00	0.00E+00	0.00E+00	4.72E-08	7.23E-09	0.00E+00	0.00E+00	0.00E+00	7.23E-09	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09
1802	462542.55	3773116.56	4.83E-08	0.00E+00	0.00E+00	0.00E+00	4.83E-08	7.39E-09	0.00E+00	0.00E+00	0.00E+00	7.39E-09	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09
1803	462546.19	3773107.6	4.94E-08	0.00E+00	0.00E+00	0.00E+00	4.94E-08	7.56E-09	0.00E+00	0.00E+00	0.00E+00	7.56E-09	3.24E-09	0.00E+00	0.00E+00	0.00E+00	3.24E-09
1804	462549.82	3773098.64	5.06E-08	0.00E+00	0.00E+00	0.00E+00	5.06E-08	7.74E-09	0.00E+00	0.00E+00	0.00E+00	7.74E-09	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09
1805	462553.46	3773089.68	5.18E-08	0.00E+00	0.00E+00	0.00E+00	5.18E-08	7.93E-09	0.00E+00	0.00E+00	0.00E+00	7.93E-09	3.40E-09	0.00E+00	0.00E+00	0.00E+00	3.40E-09
1806	462557.09	3773080.72	5.32E-08	0.00E+00	0.00E+00	0.00E+00	5.32E-08	8.14E-09	0.00E+00	0.00E+00	0.00E+00	8.14E-09	3.49E-09	0.00E+00	0.00E+00	0.00E+00	3.49E-09
1807	462560.73	3773071.76	5.47E-08	0.00E+00	0.00E+00	0.00E+00	5.47E-08	8.37E-09	0.00E+00	0.00E+00	0.00E+00	8.37E-09	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09
1808	462564.36	3773062.8	5.63E-08	0.00E+00	0.00E+00	0.00E+00	5.63E-08	8.62E-09	0.00E+00	0.00E+00	0.00E+00	8.62E-09	3.69E-09	0.00E+00	0.00E+00	0.00E+00	3.69E-09
1809	462568	3773053.84	5.80E-08	0.00E+00	0.00E+00	0.00E+00	5.80E-08	8.88E-09	0.00E+00	0.00E+00	0.00E+00	8.88E-09	3.81E-09	0.00E+00	0.00E+00	0.00E+00	3.81E-09
1810	462571.63	3773044.88	5.99E-08	0.00E+00	0.00E+00	0.00E+00	5.99E-08	9.16E-09	0.00E+00	0.00E+00	0.00E+00	9.16E-09	3.93E-09	0.00E+00	0.00E+00	0.00E+00	3.93E-09
1811	462575.26	3773035.91	6.18E-08	0.00E+00	0.00E+00	0.00E+00	6.18E-08	9.46E-09	0.00E+00	0.00E+00	0.00E+00	9.46E-09	4.06E-09	0.00E+00	0.00E+00	0.00E+00	4.06E-09
1812	462578.9	3773026.95	6.39E-08	0.00E+00	0.00E+00	0.00E+00	6.39E-08	9.78E-09	0.00E+00	0.00E+00	0.00E+00	9.78E-09	4.19E-09	0.00E+00	0.00E+00	0.00E+00	4.19E-09
1813	462582.53	3773017.99	6.60E-08	0.00E+00	0.00E+00	0.00E+00	6.60E-08	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09
1814	462586.17	3773009.03	6.83E-08	0.00E+00	0.00E+00	0.00E+00	6.83E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	4.48E-09	0.00E+00	0.00E+00	0.00E+00	4.48E-09
1815	462589.8	3773000.07	7.06E-08	0.00E+00	0.00E+00	0.00E+00	7.06E-08	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	4.63E-09	0.00E+00	0.00E+00	0.00E+00	4.63E-09
1816	462593.44	3772991.11	7.30E-08	0.00E+00	0.00E+00	0.00E+00	7.30E-08	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	4.79E-09	0.00E+00	0.00E+00	0.00E+00	4.79E-09
1817	462597.07	3772982.15	7.54E-08	0.00E+00	0.00E+00	0.00E+00	7.54E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	4.95E-09	0.00E+00	0.00E+00	0.00E+00	4.95E-09
1818	462600.71	3772973.19	7.78E-08	0.00E+00	0.00E+00	0.00E+00	7.78E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	5.11E-09	0.00E+00	0.00E+00	0.00E+00	5.11E-09
1819	462604.34	3772964.23	8.02E-08	0.00E+00	0.00E+00	0.00E+00	8.02E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	5.26E-09	0.00E+00	0.00E+00	0.00E+00	5.26E-09
1820	462622.51	3772919.42	9.04E-08	0.00E+00	0.00E+00	0.00E+00	9.04E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	5.93E-09	0.00E+00	0.00E+00	0.00E+00	5.93E-09

1821	462626.15	3772910.46	9.19E-08	0.00E+00	0.00E+00	0.00E+00	9.19E-08	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	6.03E-09	0.00E+00	0.00E+00	0.00E+00	6.03E-09
1822	462629.78	3772901.5	9.32E-08	0.00E+00	0.00E+00	0.00E+00	9.32E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	6.12E-09	0.00E+00	0.00E+00	0.00E+00	6.12E-09
1823	462633.42	3772892.54	9.43E-08	0.00E+00	0.00E+00	0.00E+00	9.43E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	6.19E-09	0.00E+00	0.00E+00	0.00E+00	6.19E-09
1824	462694.2	3772852.21	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	7.45E-09	0.00E+00	0.00E+00	0.00E+00	7.45E-09
1825	462703.12	3772848.48	1.16E-07	0.00E+00	0.00E+00	0.00E+00	1.16E-07	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	7.58E-09	0.00E+00	0.00E+00	0.00E+00	7.58E-09
1826	462712.04	3772844.74	1.17E-07	0.00E+00	0.00E+00	0.00E+00	1.17E-07	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	7.69E-09	0.00E+00	0.00E+00	0.00E+00	7.69E-09
1827	462720.96	3772841.01	1.18E-07	0.00E+00	0.00E+00	0.00E+00	1.18E-07	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	7.77E-09	0.00E+00	0.00E+00	0.00E+00	7.77E-09
1828	462729.88	3772837.27	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	7.82E-09	0.00E+00	0.00E+00	0.00E+00	7.82E-09
1829	462738.8	3772833.54	1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	7.84E-09	0.00E+00	0.00E+00	0.00E+00	7.84E-09
1830	462747.72	3772829.8	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	7.84E-09	0.00E+00	0.00E+00	0.00E+00	7.84E-09
1831	462756.64	3772826.07	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	7.80E-09	0.00E+00	0.00E+00	0.00E+00	7.80E-09
1832	462765.56	3772822.33	1.18E-07	0.00E+00	0.00E+00	0.00E+00	1.18E-07	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08	7.73E-09	0.00E+00	0.00E+00	0.00E+00	7.73E-09
1833	462801.23	3772807.39	1.09E-07	0.00E+00	0.00E+00	0.00E+00	1.09E-07	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	7.18E-09	0.00E+00	0.00E+00	0.00E+00	7.18E-09
1834	462810.15	3772803.66	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	6.98E-09	0.00E+00	0.00E+00	0.00E+00	6.98E-09
1835	462819.07	3772799.92	1.03E-07	0.00E+00	0.00E+00	0.00E+00	1.03E-07	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	6.77E-09	0.00E+00	0.00E+00	0.00E+00	6.77E-09
1836	462827.99	3772796.19	9.96E-08	0.00E+00	0.00E+00	0.00E+00	9.96E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	6.53E-09	0.00E+00	0.00E+00	0.00E+00	6.53E-09
1837	462836.91	3772792.45	9.58E-08	0.00E+00	0.00E+00	0.00E+00	9.58E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	6.29E-09	0.00E+00	0.00E+00	0.00E+00	6.29E-09
1838	462845.83	3772788.72	9.20E-08	0.00E+00	0.00E+00	0.00E+00	9.20E-08	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	6.03E-09	0.00E+00	0.00E+00	0.00E+00	6.03E-09
1839	462854.75	3772784.98	8.80E-08	0.00E+00	0.00E+00	0.00E+00	8.80E-08	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	5.77E-09	0.00E+00	0.00E+00	0.00E+00	5.77E-09
1840	462863.67	3772781.25	8.40E-08	0.00E+00	0.00E+00	0.00E+00	8.40E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	5.51E-09	0.00E+00	0.00E+00	0.00E+00	5.51E-09
1841	462890.43	3772770.05	7.20E-08	0.00E+00	0.00E+00	0.00E+00	7.20E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	4.73E-09	0.00E+00	0.00E+00	0.00E+00	4.73E-09
1842	462899.35	3772766.31	6.82E-08	0.00E+00	0.00E+00	0.00E+00	6.82E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	4.48E-09	0.00E+00	0.00E+00	0.00E+00	4.48E-09
1843	462908.27	3772762.58	6.46E-08	0.00E+00	0.00E+00	0.00E+00	6.46E-08	9.88E-09	0.00E+00	0.00E+00	0.00E+00	9.88E-09	4.24E-09	0.00E+00	0.00E+00	0.00E+00	4.24E-09
1844	462528.02	3773152.4	4.44E-08	0.00E+00	0.00E+00	0.00E+00	4.44E-08	6.80E-09	0.00E+00	0.00E+00	0.00E+00	6.80E-09	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09
1845	462528.11	3773162.36	4.44E-08	0.00E+00	0.00E+00	0.00E+00	4.44E-08	6.79E-09	0.00E+00	0.00E+00	0.00E+00	6.79E-09	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09
1846	462528.2	3773172.31	4.43E-08	0.00E+00	0.00E+00	0.00E+00	4.43E-08	6.79E-09	0.00E+00	0.00E+00	0.00E+00	6.79E-09	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09
1847	462528.29	3773182.27	4.43E-08	0.00E+00	0.00E+00	0.00E+00	4.43E-08	6.78E-09	0.00E+00	0.00E+00	0.00E+00	6.78E-09	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09
1848	462528.38	3773192.22	4.42E-08	0.00E+00	0.00E+00	0.00E+00	4.42E-08	6.77E-09	0.00E+00	0.00E+00	0.00E+00	6.77E-09	2.90E-09	0.00E+00	0.00E+00	0.00E+00	2.90E-09
1849	462528.47	3773202.18	4.40E-08	0.00E+00	0.00E+00	0.00E+00	4.40E-08	6.74E-09	0.00E+00	0.00E+00	0.00E+00	6.74E-09	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09
1850	462528.56	3773212.13	4.39E-08	0.00E+00	0.00E+00	0.00E+00	4.39E-08	6.71E-09	0.00E+00	0.00E+00	0.00E+00	6.71E-09	2.88E-09	0.00E+00	0.00E+00	0.00E+00	2.88E-09
1851	462528.65	3773222.09	4.38E-08	0.00E+00	0.00E+00	0.00E+00	4.38E-08	6.70E-09	0.00E+00	0.00E+00	0.00E+00	6.70E-09	2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09
1852	462528.74	3773232.04	4.37E-08	0.00E+00	0.00E+00	0.00E+00	4.37E-08	6.68E-09	0.00E+00	0.00E+00	0.00E+00	6.68E-09	2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09
1853	462528.84	3773242	4.34E-08	0.00E+00	0.00E+00	0.00E+00	4.34E-08	6.65E-09	0.00E+00	0.00E+00	0.00E+00	6.65E-09	2.85E-09	0.00E+00	0.00E+00	0.00E+00	2.85E-09
1854	462501.69	3773143.61	3.91E-08	0.00E+00	0.00E+00	0.00E+00	3.91E-08	5.98E-09	0.00E+00	0.00E+00	0.00E+00	5.98E-09	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09
1855	462505.37	3773134.55	3.98E-08	0.00E+00	0.00E+00	0.00E+00	3.98E-08	6.10E-09	0.00E+00	0.00E+00	0.00E+00	6.10E-09	2.61E-09	0.00E+00	0.00E+00	0.00E+00	2.61E-09
1856	462527.43	3773080.16	4.53E-08	0.00E+00	0.00E+00	0.00E+00	4.53E-08	6.93E-09	0.00E+00	0.00E+00	0.00E+00	6.93E-09	2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09
1857	462531.11	3773071.09	4.64E-08	0.00E+00	0.00E+00	0.00E+00	4.64E-08	7.11E-09	0.00E+00	0.00E+00	0.00E+00	7.11E-09	3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.05E-09
1858	462534.79	3773062.03	4.76E-08	0.00E+00	0.00E+00	0.00E+00	4.76E-08	7.29E-09	0.00E+00	0.00E+00	0.00E+00	7.29E-09	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09
1859	462538.46	3773052.96	4.90E-08	0.00E+00	0.00E+00	0.00E+00	4.90E-08	7.50E-09	0.00E+00	0.00E+00	0.00E+00	7.50E-09	3.21E-09	0.00E+00	0.00E+00	0.00E+00	3.21E-09
1860	462542.14	3773043.9	5.04E-08	0.00E+00	0.00E+00	0.00E+00	5.04E-08	7.71E-09	0.00E+00	0.00E+00	0.00E+00	7.71E-09	3.31E-09	0.00E+00	0.00E+00	0.00E+00	3.31E-09
1861	462545.82	3773034.83	5.19E-08	0.00E+00	0.00E+00	0.00E+00	5.19E-08	7.95E-09	0.00E+00	0.00E+00	0.00E+00	7.95E-09	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09
1862	462549.49	3773025.77	5.35E-08	0.00E+00	0.00E+00	0.00E+00	5.35E-08	8.20E-09	0.00E+00	0.00E+00	0.00E+00	8.20E-09	3.51E-09	0.00E+00	0.00E+00	0.00E+00	3.51E-09
1863	462553.17	3773016.7	5.53E-08	0.00E+00	0.00E+00	0.00E+00	5.53E-08	8.46E-09	0.00E+00	0.00E+00	0.00E+00	8.46E-09	3.63E-09	0.00E+00	0.00E+00	0.00E+00	3.63E-09
1864	462556.85	3773007.64	5.71E-08	0.00E+00	0.00E+00	0.00E+00	5.71E-08	8.74E-09	0.00E+00	0.00E+00	0.00E+00	8.74E-09	3.74E-09	0.00E+00	0.00E+00	0.00E+00	3.74E-09
1865	462560.52	3772998.57	5.89E-08	0.00E+00	0.00E+00	0.00E+00	5.89E-08	9.02E-09	0.00E+00	0.00E+00	0.00E+00	9.02E-09	3.87E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-09
1866	462564.2	3772989.51	6.09E-08	0.00E+00	0.00E+00	0.00E+00	6.09E-08	9.32E-09	0.00E+00	0.00E+00	0.00E+00	9.32E-09	4.00E-09	0.00E+00	0.00E+00	0.00E+00	4.00E-09
1867	462567.88	3772980.44	6.29E-08	0.00E+00	0.00E+00	0.00E+00	6.29E-08	9.63E-09	0.00E+00	0.00E+00	0.00E+00	9.63E-09	4.13E-09	0.00E+00	0.00E+00	0.00E+00	4.13E-09
1868	462571.55	3772971.37	6.49E-08	0.00E+00	0.00E+00	0.00E+00	6.49E-08	9.94E-09	0.00E+00	0.00E+00	0.00E+00	9.94E-09	4.26E-09	0.00E+00	0.00E+00	0.00E+00	4.26E-09
1869	462575.23	3772962.31	6.70E-08	0.00E+00	0.00E+00	0.00E+00	6.70E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	4.40E-09	0.00E+00	0.00E+00	0.00E+00	4.40E-09
1870	462578.91	3772953.24	6.90E-08	0.00E+00	0.00E+00	0.00E+00	6.90E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	4.53E-09	0.00E+00	0.00E+00	0.00E+00	4.53E-09
1871	462582.58	3772944.18	7.10E-08	0.00E+00	0.00E+00	0.00E+00	7.10E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	4.66E-09	0.00E+00	0.00E+00	0.00E+00	4.66E-09
1872	462586.26	3772935.11	7.30E-08	0.00E+00	0.00E+00	0.00E+00	7.30E-08	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	4.79E-09	0.00E+00	0.00E+00	0.00E+00	4.79E-09
1873	462593.61	3772916.98	7.66E-08	0.00E+00	0.00E+00	0.00E+00	7.66E-08	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	5.03E-09	0.00E+00	0.00E+00	0.00E+00	5.03E-09
1874	462597.29	3772907.92	7.82E-08	0.00E+00	0.00E+00	0.00E+00	7.82E-08	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	5.13E-09	0.00E+00	0.00E+00	0.00E+00	5.13E-09
1875	462600.97	3772898.85	7.97E-08	0.00E+00	0.00E+00	0.00E+00	7.97E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	5.23E-09	0.00E+00	0.00E+00	0.00E+00	5.23E-09
1876	462604.65	3772889.79	8.10E-08	0.00E+00	0.00E+00	0.00E+00	8.10E-08	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	5.32E-09	0.00E+00	0.00E+00	0.00E+00	5.32E-09
1877	462628.38	3772849.75	8.72E-08	0.00E+00	0.00E+00	0.00E+00	8.72E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	5.72E-09	0.00E+00	0.00E+00	0.00E+00	5.72E-09

1878	462637.4	3772845.97	9.00E-08	0.00E+00	0.00E+00	0.00E+00	9.00E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	5.91E-09	0.00E+00	0.00E+00	0.00E+00	5.91E-09
1879	462646.42	3772842.19	9.27E-08	0.00E+00	0.00E+00	0.00E+00	9.27E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	6.08E-09	0.00E+00	0.00E+00	0.00E+00	6.08E-09
1880	462655.45	3772838.41	9.52E-08	0.00E+00	0.00E+00	0.00E+00	9.52E-08	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	6.25E-09	0.00E+00	0.00E+00	0.00E+00	6.25E-09
1881	462664.47	3772834.64	9.75E-08	0.00E+00	0.00E+00	0.00E+00	9.75E-08	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	6.40E-09	0.00E+00	0.00E+00	0.00E+00	6.40E-09
1882	462673.49	3772830.86	9.96E-08	0.00E+00	0.00E+00	0.00E+00	9.96E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	6.53E-09	0.00E+00	0.00E+00	0.00E+00	6.53E-09
1883	462682.52	3772827.08	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	6.65E-09	0.00E+00	0.00E+00	0.00E+00	6.65E-09
1884	462691.54	3772823.3	1.03E-07	0.00E+00	0.00E+00	0.00E+00	1.03E-07	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	6.75E-09	0.00E+00	0.00E+00	0.00E+00	6.75E-09
1885	462700.56	3772819.52	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	6.83E-09	0.00E+00	0.00E+00	0.00E+00	6.83E-09
1886	462736.66	3772804.41	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	6.90E-09	0.00E+00	0.00E+00	0.00E+00	6.90E-09
1887	462745.68	3772800.63	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	6.86E-09	0.00E+00	0.00E+00	0.00E+00	6.86E-09
1888	462754.7	3772796.85	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	6.79E-09	0.00E+00	0.00E+00	0.00E+00	6.79E-09
1889	462763.73	3772793.07	1.02E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-07	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	6.70E-09	0.00E+00	0.00E+00	0.00E+00	6.70E-09
1890	462772.75	3772789.29	1.00E-07	0.00E+00	0.00E+00	0.00E+00	1.00E-07	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08	6.59E-09	0.00E+00	0.00E+00	0.00E+00	6.59E-09
1891	462799.82	3772777.96	9.35E-08	0.00E+00	0.00E+00	0.00E+00	9.35E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	6.13E-09	0.00E+00	0.00E+00	0.00E+00	6.13E-09
1892	462808.84	3772774.18	9.07E-08	0.00E+00	0.00E+00	0.00E+00	9.07E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	5.95E-09	0.00E+00	0.00E+00	0.00E+00	5.95E-09
1893	462817.87	3772770.4	8.76E-08	0.00E+00	0.00E+00	0.00E+00	8.76E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	5.75E-09	0.00E+00	0.00E+00	0.00E+00	5.75E-09
1894	462826.89	3772766.62	8.45E-08	0.00E+00	0.00E+00	0.00E+00	8.45E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	5.54E-09	0.00E+00	0.00E+00	0.00E+00	5.54E-09
1895	462835.91	3772762.85	8.12E-08	0.00E+00	0.00E+00	0.00E+00	8.12E-08	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	5.33E-09	0.00E+00	0.00E+00	0.00E+00	5.33E-09
1896	462844.94	3772759.07	7.78E-08	0.00E+00	0.00E+00	0.00E+00	7.78E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	5.11E-09	0.00E+00	0.00E+00	0.00E+00	5.11E-09
1897	462853.96	3772755.29	7.44E-08	0.00E+00	0.00E+00	0.00E+00	7.44E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	4.88E-09	0.00E+00	0.00E+00	0.00E+00	4.88E-09
1898	462862.98	3772751.51	7.10E-08	0.00E+00	0.00E+00	0.00E+00	7.10E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	4.66E-09	0.00E+00	0.00E+00	0.00E+00	4.66E-09
1899	462890.05	3772740.18	6.10E-08	0.00E+00	0.00E+00	0.00E+00	6.10E-08	9.34E-09	0.00E+00	0.00E+00	0.00E+00	9.34E-09	4.00E-09	0.00E+00	0.00E+00	0.00E+00	4.00E-09
1900	462899.08	3772736.4	5.79E-08	0.00E+00	0.00E+00	0.00E+00	5.79E-08	8.86E-09	0.00E+00	0.00E+00	0.00E+00	8.86E-09	3.80E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-09
1901	462908.1	3772732.62	5.48E-08	0.00E+00	0.00E+00	0.00E+00	5.48E-08	8.40E-09	0.00E+00	0.00E+00	0.00E+00	8.40E-09	3.60E-09	0.00E+00	0.00E+00	0.00E+00	3.60E-09
1902	462498.02	3773152.68	3.84E-08	0.00E+00	0.00E+00	0.00E+00	3.84E-08	5.87E-09	0.00E+00	0.00E+00	0.00E+00	5.87E-09	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09
1903	462498.11	3773162.63	3.84E-08	0.00E+00	0.00E+00	0.00E+00	3.84E-08	5.87E-09	0.00E+00	0.00E+00	0.00E+00	5.87E-09	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09
1904	462498.2	3773172.59	3.83E-08	0.00E+00	0.00E+00	0.00E+00	3.83E-08	5.86E-09	0.00E+00	0.00E+00	0.00E+00	5.86E-09	2.51E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-09
1905	462498.29	3773182.54	3.82E-08	0.00E+00	0.00E+00	0.00E+00	3.82E-08	5.84E-09	0.00E+00	0.00E+00	0.00E+00	5.84E-09	2.51E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-09
1906	462498.38	3773192.5	3.81E-08	0.00E+00	0.00E+00	0.00E+00	3.81E-08	5.83E-09	0.00E+00	0.00E+00	0.00E+00	5.83E-09	2.50E-09	0.00E+00	0.00E+00	0.00E+00	2.50E-09
1907	462498.47	3773202.45	3.80E-08	0.00E+00	0.00E+00	0.00E+00	3.80E-08	5.82E-09	0.00E+00	0.00E+00	0.00E+00	5.82E-09	2.50E-09	0.00E+00	0.00E+00	0.00E+00	2.50E-09
1908	462498.56	3773212.41	3.80E-08	0.00E+00	0.00E+00	0.00E+00	3.80E-08	5.81E-09	0.00E+00	0.00E+00	0.00E+00	5.81E-09	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09
1909	462498.65	3773222.36	3.79E-08	0.00E+00	0.00E+00	0.00E+00	3.79E-08	5.80E-09	0.00E+00	0.00E+00	0.00E+00	5.80E-09	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09
1910	462498.75	3773232.32	3.78E-08	0.00E+00	0.00E+00	0.00E+00	3.78E-08	5.79E-09	0.00E+00	0.00E+00	0.00E+00	5.79E-09	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09
1911	462498.84	3773242.27	3.76E-08	0.00E+00	0.00E+00	0.00E+00	3.76E-08	5.76E-09	0.00E+00	0.00E+00	0.00E+00	5.76E-09	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09
1912	462471.73	3773143.8	3.41E-08	0.00E+00	0.00E+00	0.00E+00	3.41E-08	5.22E-09	0.00E+00	0.00E+00	0.00E+00	5.22E-09	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09
1913	462475.45	3773134.64	3.47E-08	0.00E+00	0.00E+00	0.00E+00	3.47E-08	5.32E-09	0.00E+00	0.00E+00	0.00E+00	5.32E-09	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09
1914	462479.16	3773125.48	3.53E-08	0.00E+00	0.00E+00	0.00E+00	3.53E-08	5.41E-09	0.00E+00	0.00E+00	0.00E+00	5.41E-09	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09
1915	462482.88	3773116.32	3.60E-08	0.00E+00	0.00E+00	0.00E+00	3.60E-08	5.51E-09	0.00E+00	0.00E+00	0.00E+00	5.51E-09	2.36E-09	0.00E+00	0.00E+00	0.00E+00	2.36E-09
1916	462486.59	3773107.16	3.67E-08	0.00E+00	0.00E+00	0.00E+00	3.67E-08	5.62E-09	0.00E+00	0.00E+00	0.00E+00	5.62E-09	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09
1917	462490.3	3773098.01	3.74E-08	0.00E+00	0.00E+00	0.00E+00	3.74E-08	5.73E-09	0.00E+00	0.00E+00	0.00E+00	5.73E-09	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09
1918	462494.02	3773088.85	3.82E-08	0.00E+00	0.00E+00	0.00E+00	3.82E-08	5.85E-09	0.00E+00	0.00E+00	0.00E+00	5.85E-09	2.51E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-09
1919	462497.73	3773079.69	3.90E-08	0.00E+00	0.00E+00	0.00E+00	3.90E-08	5.98E-09	0.00E+00	0.00E+00	0.00E+00	5.98E-09	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09
1920	462505.16	3773061.38	4.09E-08	0.00E+00	0.00E+00	0.00E+00	4.09E-08	6.26E-09	0.00E+00	0.00E+00	0.00E+00	6.26E-09	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09
1921	462523.73	3773015.59	4.69E-08	0.00E+00	0.00E+00	0.00E+00	4.69E-08	7.17E-09	0.00E+00	0.00E+00	0.00E+00	7.17E-09	3.08E-09	0.00E+00	0.00E+00	0.00E+00	3.08E-09
1922	462527.45	3773006.43	4.83E-08	0.00E+00	0.00E+00	0.00E+00	4.83E-08	7.39E-09	0.00E+00	0.00E+00	0.00E+00	7.39E-09	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09
1923	462531.16	3772997.27	4.98E-08	0.00E+00	0.00E+00	0.00E+00	4.98E-08	7.62E-09	0.00E+00	0.00E+00	0.00E+00	7.62E-09	3.27E-09	0.00E+00	0.00E+00	0.00E+00	3.27E-09
1924	462534.88	3772988.11	5.14E-08	0.00E+00	0.00E+00	0.00E+00	5.14E-08	7.87E-09	0.00E+00	0.00E+00	0.00E+00	7.87E-09	3.37E-09	0.00E+00	0.00E+00	0.00E+00	3.37E-09
1925	462538.59	3772978.96	5.31E-08	0.00E+00	0.00E+00	0.00E+00	5.31E-08	8.12E-09	0.00E+00	0.00E+00	0.00E+00	8.12E-09	3.48E-09	0.00E+00	0.00E+00	0.00E+00	3.48E-09
1926	462542.31	3772969.8	5.48E-08	0.00E+00	0.00E+00	0.00E+00	5.48E-08	8.38E-09	0.00E+00	0.00E+00	0.00E+00	8.38E-09	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09
1927	462546.02	3772960.64	5.65E-08	0.00E+00	0.00E+00	0.00E+00	5.65E-08	8.65E-09	0.00E+00	0.00E+00	0.00E+00	8.65E-09	3.71E-09	0.00E+00	0.00E+00	0.00E+00	3.71E-09
1928	462549.73	3772951.48	5.82E-08	0.00E+00	0.00E+00	0.00E+00	5.82E-08	8.91E-09	0.00E+00	0.00E+00	0.00E+00	8.91E-09	3.82E-09	0.00E+00	0.00E+00	0.00E+00	3.82E-09
1929	462553.45	3772942.33	6.00E-08	0.00E+00	0.00E+00	0.00E+00	6.00E-08	9.18E-09	0.00E+00	0.00E+00	0.00E+00	9.18E-09	3.94E-09	0.00E+00	0.00E+00	0.00E+00	3.94E-09
1930	462557.16	3772933.17	6.17E-08	0.00E+00	0.00E+00	0.00E+00	6.17E-08	9.45E-09	0.00E+00	0.00E+00	0.00E+00	9.45E-09	4.05E-09	0.00E+00	0.00E+00	0.00E+00	4.05E-09
1931	462564.59	3772914.85	6.51E-08	0.00E+00	0.00E+00	0.00E+00	6.51E-08	9.97E-09	0.00E+00	0.00E+00	0.00E+00	9.97E-09	4.27E-09	0.00E+00	0.00E+00	0.00E+00	4.27E-09
1932	462568.31	3772905.7	6.67E-08	0.00E+00	0.00E+00	0.00E+00	6.67E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	4.38E-09	0.00E+00	0.00E+00	0.00E+00	4.38E-09
1933	462572.02	3772896.54	6.82E-08	0.00E+00	0.00E+00	0.00E+00	6.82E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	4.48E-09	0.00E+00	0.00E+00	0.00E+00	4.48E-09
1934	462575.73	3772887.38	6.96E-08	0.00E+00	0.00E+00	0.00E+00	6.96E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	4.57E-09	0.00E+00	0.00E+00	0.00E+00	4.57E-09

1935	462594.31	3772841.59	7.44E-08	0.00E+00	0.00E+00	0.00E+00	7.44E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	4.88E-09	0.00E+00	0.00E+00	0.00E+00	4.88E-09
1936	462661.83	3772805.71	8.97E-08	0.00E+00	0.00E+00	0.00E+00	8.97E-08	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	5.88E-09	0.00E+00	0.00E+00	0.00E+00	5.88E-09
1937	462670.94	3772801.9	9.10E-08	0.00E+00	0.00E+00	0.00E+00	9.10E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	5.97E-09	0.00E+00	0.00E+00	0.00E+00	5.97E-09
1938	462680.06	3772798.08	9.21E-08	0.00E+00	0.00E+00	0.00E+00	9.21E-08	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	6.05E-09	0.00E+00	0.00E+00	0.00E+00	6.05E-09
1939	462689.17	3772794.26	9.29E-08	0.00E+00	0.00E+00	0.00E+00	9.29E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	6.10E-09	0.00E+00	0.00E+00	0.00E+00	6.10E-09
1940	462716.52	3772782.81	9.37E-08	0.00E+00	0.00E+00	0.00E+00	9.37E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	6.15E-09	0.00E+00	0.00E+00	0.00E+00	6.15E-09
1941	462725.64	3772779	9.33E-08	0.00E+00	0.00E+00	0.00E+00	9.33E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	6.12E-09	0.00E+00	0.00E+00	0.00E+00	6.12E-09
1942	462734.75	3772775.18	9.26E-08	0.00E+00	0.00E+00	0.00E+00	9.26E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	6.08E-09	0.00E+00	0.00E+00	0.00E+00	6.08E-09
1943	462743.87	3772771.36	9.16E-08	0.00E+00	0.00E+00	0.00E+00	9.16E-08	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	6.01E-09	0.00E+00	0.00E+00	0.00E+00	6.01E-09
1944	462752.98	3772767.55	9.04E-08	0.00E+00	0.00E+00	0.00E+00	9.04E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	5.93E-09	0.00E+00	0.00E+00	0.00E+00	5.93E-09
1945	462762.1	3772763.73	8.88E-08	0.00E+00	0.00E+00	0.00E+00	8.88E-08	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	5.83E-09	0.00E+00	0.00E+00	0.00E+00	5.83E-09
1946	462771.21	3772759.91	8.70E-08	0.00E+00	0.00E+00	0.00E+00	8.70E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	5.71E-09	0.00E+00	0.00E+00	0.00E+00	5.71E-09
1947	462780.33	3772756.09	8.50E-08	0.00E+00	0.00E+00	0.00E+00	8.50E-08	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	5.58E-09	0.00E+00	0.00E+00	0.00E+00	5.58E-09
1948	462798.56	3772748.46	8.04E-08	0.00E+00	0.00E+00	0.00E+00	8.04E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	5.27E-09	0.00E+00	0.00E+00	0.00E+00	5.27E-09
1949	462807.68	3772744.64	7.78E-08	0.00E+00	0.00E+00	0.00E+00	7.78E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	5.10E-09	0.00E+00	0.00E+00	0.00E+00	5.10E-09
1950	462816.79	3772740.83	7.51E-08	0.00E+00	0.00E+00	0.00E+00	7.51E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	4.93E-09	0.00E+00	0.00E+00	0.00E+00	4.93E-09
1951	462825.91	3772737.01	7.23E-08	0.00E+00	0.00E+00	0.00E+00	7.23E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	4.74E-09	0.00E+00	0.00E+00	0.00E+00	4.74E-09
1952	462835.02	3772733.19	6.94E-08	0.00E+00	0.00E+00	0.00E+00	6.94E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	4.55E-09	0.00E+00	0.00E+00	0.00E+00	4.55E-09
1953	462844.14	3772729.38	6.65E-08	0.00E+00	0.00E+00	0.00E+00	6.65E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	4.36E-09	0.00E+00	0.00E+00	0.00E+00	4.36E-09
1954	462853.25	3772725.56	6.35E-08	0.00E+00	0.00E+00	0.00E+00	6.35E-08	9.73E-09	0.00E+00	0.00E+00	0.00E+00	9.73E-09	4.17E-09	0.00E+00	0.00E+00	0.00E+00	4.17E-09
1955	462862.37	3772721.74	6.06E-08	0.00E+00	0.00E+00	0.00E+00	6.06E-08	9.28E-09	0.00E+00	0.00E+00	0.00E+00	9.28E-09	3.98E-09	0.00E+00	0.00E+00	0.00E+00	3.98E-09
1956	462889.71	3772710.29	5.22E-08	0.00E+00	0.00E+00	0.00E+00	5.22E-08	8.00E-09	0.00E+00	0.00E+00	0.00E+00	8.00E-09	3.43E-09	0.00E+00	0.00E+00	0.00E+00	3.43E-09
1957	462468.02	3773152.95	3.36E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-08	5.14E-09	0.00E+00	0.00E+00	0.00E+00	5.14E-09	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09
1958	462468.11	3773162.91	3.35E-08	0.00E+00	0.00E+00	0.00E+00	3.35E-08	5.13E-09	0.00E+00	0.00E+00	0.00E+00	5.13E-09	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09
1959	462468.2	3773172.86	3.34E-08	0.00E+00	0.00E+00	0.00E+00	3.34E-08	5.11E-09	0.00E+00	0.00E+00	0.00E+00	5.11E-09	2.19E-09	0.00E+00	0.00E+00	0.00E+00	2.19E-09
1960	462468.29	3773182.82	3.33E-08	0.00E+00	0.00E+00	0.00E+00	3.33E-08	5.10E-09	0.00E+00	0.00E+00	0.00E+00	5.10E-09	2.19E-09	0.00E+00	0.00E+00	0.00E+00	2.19E-09
1961	462468.38	3773192.77	3.33E-08	0.00E+00	0.00E+00	0.00E+00	3.33E-08	5.10E-09	0.00E+00	0.00E+00	0.00E+00	5.10E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
1962	462468.47	3773202.73	3.33E-08	0.00E+00	0.00E+00	0.00E+00	3.33E-08	5.09E-09	0.00E+00	0.00E+00	0.00E+00	5.09E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
1963	462468.56	3773212.68	3.32E-08	0.00E+00	0.00E+00	0.00E+00	3.32E-08	5.08E-09	0.00E+00	0.00E+00	0.00E+00	5.08E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
1964	462468.66	3773222.64	3.30E-08	0.00E+00	0.00E+00	0.00E+00	3.30E-08	5.06E-09	0.00E+00	0.00E+00	0.00E+00	5.06E-09	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09
1965	462468.75	3773232.59	3.29E-08	0.00E+00	0.00E+00	0.00E+00	3.29E-08	5.04E-09	0.00E+00	0.00E+00	0.00E+00	5.04E-09	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-09
1966	462468.84	3773242.55	3.28E-08	0.00E+00	0.00E+00	0.00E+00	3.28E-08	5.02E-09	0.00E+00	0.00E+00	0.00E+00	5.02E-09	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09
1967	462441.67	3773144.23	3.01E-08	0.00E+00	0.00E+00	0.00E+00	3.01E-08	4.61E-09	0.00E+00	0.00E+00	0.00E+00	4.61E-09	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09
1968	462445.32	3773135.23	3.06E-08	0.00E+00	0.00E+00	0.00E+00	3.06E-08	4.68E-09	0.00E+00	0.00E+00	0.00E+00	4.68E-09	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09
1969	462448.97	3773126.24	3.11E-08	0.00E+00	0.00E+00	0.00E+00	3.11E-08	4.75E-09	0.00E+00	0.00E+00	0.00E+00	4.75E-09	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09
1970	462452.62	3773117.24	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	4.83E-09	0.00E+00	0.00E+00	0.00E+00	4.83E-09	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09
1971	462456.27	3773108.24	3.21E-08	0.00E+00	0.00E+00	0.00E+00	3.21E-08	4.92E-09	0.00E+00	0.00E+00	0.00E+00	4.92E-09	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09
1972	462459.92	3773099.25	3.27E-08	0.00E+00	0.00E+00	0.00E+00	3.27E-08	5.00E-09	0.00E+00	0.00E+00	0.00E+00	5.00E-09	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09
1973	462463.56	3773090.25	3.33E-08	0.00E+00	0.00E+00	0.00E+00	3.33E-08	5.10E-09	0.00E+00	0.00E+00	0.00E+00	5.10E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
1974	462467.21	3773081.25	3.39E-08	0.00E+00	0.00E+00	0.00E+00	3.39E-08	5.19E-09	0.00E+00	0.00E+00	0.00E+00	5.19E-09	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09
1975	462478.16	3773054.26	3.61E-08	0.00E+00	0.00E+00	0.00E+00	3.61E-08	5.53E-09	0.00E+00	0.00E+00	0.00E+00	5.53E-09	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09
1976	462481.81	3773045.26	3.70E-08	0.00E+00	0.00E+00	0.00E+00	3.70E-08	5.66E-09	0.00E+00	0.00E+00	0.00E+00	5.66E-09	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09
1977	462485.46	3773036.27	3.78E-08	0.00E+00	0.00E+00	0.00E+00	3.78E-08	5.79E-09	0.00E+00	0.00E+00	0.00E+00	5.79E-09	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09
1978	462489.11	3773027.27	3.88E-08	0.00E+00	0.00E+00	0.00E+00	3.88E-08	5.94E-09	0.00E+00	0.00E+00	0.00E+00	5.94E-09	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09
1979	462492.76	3773018.27	3.98E-08	0.00E+00	0.00E+00	0.00E+00	3.98E-08	6.10E-09	0.00E+00	0.00E+00	0.00E+00	6.10E-09	2.61E-09	0.00E+00	0.00E+00	0.00E+00	2.61E-09
1980	462496.41	3773009.27	4.09E-08	0.00E+00	0.00E+00	0.00E+00	4.09E-08	6.26E-09	0.00E+00	0.00E+00	0.00E+00	6.26E-09	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09
1981	462500.06	3773000.28	4.21E-08	0.00E+00	0.00E+00	0.00E+00	4.21E-08	6.44E-09	0.00E+00	0.00E+00	0.00E+00	6.44E-09	2.76E-09	0.00E+00	0.00E+00	0.00E+00	2.76E-09
1982	462503.71	3772991.28	4.33E-08	0.00E+00	0.00E+00	0.00E+00	4.33E-08	6.62E-09	0.00E+00	0.00E+00	0.00E+00	6.62E-09	2.84E-09	0.00E+00	0.00E+00	0.00E+00	2.84E-09
1983	462525.6	3772937.3	5.16E-08	0.00E+00	0.00E+00	0.00E+00	5.16E-08	7.90E-09	0.00E+00	0.00E+00	0.00E+00	7.90E-09	3.39E-09	0.00E+00	0.00E+00	0.00E+00	3.39E-09
1984	462536.55	3772910.31	5.61E-08	0.00E+00	0.00E+00	0.00E+00	5.61E-08	8.58E-09	0.00E+00	0.00E+00	0.00E+00	8.58E-09	3.68E-09	0.00E+00	0.00E+00	0.00E+00	3.68E-09
1985	462540.2	3772901.31	5.75E-08	0.00E+00	0.00E+00	0.00E+00	5.75E-08	8.80E-09	0.00E+00	0.00E+00	0.00E+00	8.80E-09	3.77E-09	0.00E+00	0.00E+00	0.00E+00	3.77E-09
1986	462543.85	3772892.31	5.89E-08	0.00E+00	0.00E+00	0.00E+00	5.89E-08	9.01E-09	0.00E+00	0.00E+00	0.00E+00	9.01E-09	3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09
1987	462565.74	3772838.33	6.53E-08	0.00E+00	0.00E+00	0.00E+00	6.53E-08	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	4.29E-09	0.00E+00	0.00E+00	0.00E+00	4.29E-09
1988	462569.39	3772829.33	6.60E-08	0.00E+00	0.00E+00	0.00E+00	6.60E-08	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09
1989	462573.04	3772820.34	6.66E-08	0.00E+00	0.00E+00	0.00E+00	6.66E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	4.37E-09	0.00E+00	0.00E+00	0.00E+00	4.37E-09
1990	462585.64	3772807.59	6.91E-08	0.00E+00	0.00E+00	0.00E+00	6.91E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	4.53E-09	0.00E+00	0.00E+00	0.00E+00	4.53E-09
1991	462594.6	3772803.84	7.11E-08	0.00E+00	0.00E+00	0.00E+00	7.11E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	4.67E-09	0.00E+00	0.00E+00	0.00E+00	4.67E-09

1992	462630.42	3772788.84	7.82E-08	0.00E+00	0.00E+00	0.00E+00	7.82E-08	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	5.13E-09	0.00E+00	0.00E+00	0.00E+00	5.13E-09
1993	462639.38	3772785.09	7.96E-08	0.00E+00	0.00E+00	0.00E+00	7.96E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	5.23E-09	0.00E+00	0.00E+00	0.00E+00	5.23E-09
1994	462648.33	3772781.34	8.09E-08	0.00E+00	0.00E+00	0.00E+00	8.09E-08	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	5.31E-09	0.00E+00	0.00E+00	0.00E+00	5.31E-09
1995	462657.29	3772777.59	8.19E-08	0.00E+00	0.00E+00	0.00E+00	8.19E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	5.38E-09	0.00E+00	0.00E+00	0.00E+00	5.38E-09
1996	462666.24	3772773.84	8.28E-08	0.00E+00	0.00E+00	0.00E+00	8.28E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	5.43E-09	0.00E+00	0.00E+00	0.00E+00	5.43E-09
1997	462675.2	3772770.09	8.34E-08	0.00E+00	0.00E+00	0.00E+00	8.34E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	5.47E-09	0.00E+00	0.00E+00	0.00E+00	5.47E-09
1998	462684.15	3772766.34	8.38E-08	0.00E+00	0.00E+00	0.00E+00	8.38E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	5.50E-09	0.00E+00	0.00E+00	0.00E+00	5.50E-09
1999	462693.11	3772762.59	8.39E-08	0.00E+00	0.00E+00	0.00E+00	8.39E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	5.51E-09	0.00E+00	0.00E+00	0.00E+00	5.51E-09
2000	462719.98	3772751.34	8.30E-08	0.00E+00	0.00E+00	0.00E+00	8.30E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	5.44E-09	0.00E+00	0.00E+00	0.00E+00	5.44E-09
2001	462728.93	3772747.59	8.22E-08	0.00E+00	0.00E+00	0.00E+00	8.22E-08	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	5.39E-09	0.00E+00	0.00E+00	0.00E+00	5.39E-09
2002	462737.89	3772743.84	8.11E-08	0.00E+00	0.00E+00	0.00E+00	8.11E-08	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	5.32E-09	0.00E+00	0.00E+00	0.00E+00	5.32E-09
2003	462746.84	3772740.09	7.99E-08	0.00E+00	0.00E+00	0.00E+00	7.99E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	5.24E-09	0.00E+00	0.00E+00	0.00E+00	5.24E-09
2004	462755.8	3772736.34	7.84E-08	0.00E+00	0.00E+00	0.00E+00	7.84E-08	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	5.15E-09	0.00E+00	0.00E+00	0.00E+00	5.15E-09
2005	462764.75	3772732.59	7.68E-08	0.00E+00	0.00E+00	0.00E+00	7.68E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	5.04E-09	0.00E+00	0.00E+00	0.00E+00	5.04E-09
2006	462773.71	3772728.84	7.50E-08	0.00E+00	0.00E+00	0.00E+00	7.50E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	4.92E-09	0.00E+00	0.00E+00	0.00E+00	4.92E-09
2007	462800.58	3772717.59	6.87E-08	0.00E+00	0.00E+00	0.00E+00	6.87E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	4.51E-09	0.00E+00	0.00E+00	0.00E+00	4.51E-09
2008	462809.53	3772713.84	6.64E-08	0.00E+00	0.00E+00	0.00E+00	6.64E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	4.36E-09	0.00E+00	0.00E+00	0.00E+00	4.36E-09
2009	462818.49	3772710.09	6.41E-08	0.00E+00	0.00E+00	0.00E+00	6.41E-08	9.81E-09	0.00E+00	0.00E+00	0.00E+00	9.81E-09	4.20E-09	0.00E+00	0.00E+00	0.00E+00	4.20E-09
2010	462827.44	3772706.34	6.16E-08	0.00E+00	0.00E+00	0.00E+00	6.16E-08	9.43E-09	0.00E+00	0.00E+00	0.00E+00	9.43E-09	4.04E-09	0.00E+00	0.00E+00	0.00E+00	4.04E-09
2011	462863.26	3772691.34	5.19E-08	0.00E+00	0.00E+00	0.00E+00	5.19E-08	7.94E-09	0.00E+00	0.00E+00	0.00E+00	7.94E-09	3.40E-09	0.00E+00	0.00E+00	0.00E+00	3.40E-09
2012	462872.22	3772687.59	4.95E-08	0.00E+00	0.00E+00	0.00E+00	4.95E-08	7.58E-09	0.00E+00	0.00E+00	0.00E+00	7.58E-09	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09
2013	462881.18	3772683.84	4.72E-08	0.00E+00	0.00E+00	0.00E+00	4.72E-08	7.23E-09	0.00E+00	0.00E+00	0.00E+00	7.23E-09	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09
2014	462890.13	3772680.09	4.50E-08	0.00E+00	0.00E+00	0.00E+00	4.50E-08	6.89E-09	0.00E+00	0.00E+00	0.00E+00	6.89E-09	2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09
2015	462899.09	3772676.34	4.29E-08	0.00E+00	0.00E+00	0.00E+00	4.29E-08	6.56E-09	0.00E+00	0.00E+00	0.00E+00	6.56E-09	2.81E-09	0.00E+00	0.00E+00	0.00E+00	2.81E-09
2016	462908.04	3772672.59	4.08E-08	0.00E+00	0.00E+00	0.00E+00	4.08E-08	6.25E-09	0.00E+00	0.00E+00	0.00E+00	6.25E-09	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09
2017	462438.02	3773153.23	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08	4.54E-09	0.00E+00	0.00E+00	0.00E+00	4.54E-09	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09
2018	462438.11	3773163.18	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08	4.53E-09	0.00E+00	0.00E+00	0.00E+00	4.53E-09	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09
2019	462438.2	3773173.14	2.95E-08	0.00E+00	0.00E+00	0.00E+00	2.95E-08	4.51E-09	0.00E+00	0.00E+00	0.00E+00	4.51E-09	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09
2020	462438.29	3773183.09	2.94E-08	0.00E+00	0.00E+00	0.00E+00	2.94E-08	4.50E-09	0.00E+00	0.00E+00	0.00E+00	4.50E-09	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09
2021	462438.38	3773193.05	2.94E-08	0.00E+00	0.00E+00	0.00E+00	2.94E-08	4.50E-09	0.00E+00	0.00E+00	0.00E+00	4.50E-09	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09
2022	462438.48	3773203	2.94E-08	0.00E+00	0.00E+00	0.00E+00	2.94E-08	4.50E-09	0.00E+00	0.00E+00	0.00E+00	4.50E-09	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09
2023	462438.57	3773212.96	2.93E-08	0.00E+00	0.00E+00	0.00E+00	2.93E-08	4.48E-09	0.00E+00	0.00E+00	0.00E+00	4.48E-09	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09
2024	462438.66	3773222.91	2.92E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-08	4.46E-09	0.00E+00	0.00E+00	0.00E+00	4.46E-09	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09
2025	462438.75	3773232.87	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08	4.44E-09	0.00E+00	0.00E+00	0.00E+00	4.44E-09	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09
2026	462438.84	3773242.82	2.89E-08	0.00E+00	0.00E+00	0.00E+00	2.89E-08	4.43E-09	0.00E+00	0.00E+00	0.00E+00	4.43E-09	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09
2027	462422.75	3773117.18	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	4.29E-09	0.00E+00	0.00E+00	0.00E+00	4.29E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
2028	462426.44	3773108.09	2.85E-08	0.00E+00	0.00E+00	0.00E+00	2.85E-08	4.36E-09	0.00E+00	0.00E+00	0.00E+00	4.36E-09	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09
2029	462430.12	3773099.01	2.89E-08	0.00E+00	0.00E+00	0.00E+00	2.89E-08	4.43E-09	0.00E+00	0.00E+00	0.00E+00	4.43E-09	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09
2030	462433.8	3773089.93	2.94E-08	0.00E+00	0.00E+00	0.00E+00	2.94E-08	4.50E-09	0.00E+00	0.00E+00	0.00E+00	4.50E-09	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09
2031	462437.49	3773080.85	2.99E-08	0.00E+00	0.00E+00	0.00E+00	2.99E-08	4.58E-09	0.00E+00	0.00E+00	0.00E+00	4.58E-09	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09
2032	462448.54	3773053.61	3.17E-08	0.00E+00	0.00E+00	0.00E+00	3.17E-08	4.85E-09	0.00E+00	0.00E+00	0.00E+00	4.85E-09	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09
2033	462452.22	3773044.53	3.24E-08	0.00E+00	0.00E+00	0.00E+00	3.24E-08	4.95E-09	0.00E+00	0.00E+00	0.00E+00	4.95E-09	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09
2034	462455.91	3773035.44	3.31E-08	0.00E+00	0.00E+00	0.00E+00	3.31E-08	5.06E-09	0.00E+00	0.00E+00	0.00E+00	5.06E-09	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09
2035	462459.59	3773026.36	3.38E-08	0.00E+00	0.00E+00	0.00E+00	3.38E-08	5.18E-09	0.00E+00	0.00E+00	0.00E+00	5.18E-09	2.22E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-09
2036	462463.27	3773017.28	3.47E-08	0.00E+00	0.00E+00	0.00E+00	3.47E-08	5.31E-09	0.00E+00	0.00E+00	0.00E+00	5.31E-09	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09
2037	462466.96	3773008.2	3.55E-08	0.00E+00	0.00E+00	0.00E+00	3.55E-08	5.44E-09	0.00E+00	0.00E+00	0.00E+00	5.44E-09	2.33E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-09
2038	462470.64	3772999.12	3.64E-08	0.00E+00	0.00E+00	0.00E+00	3.64E-08	5.58E-09	0.00E+00	0.00E+00	0.00E+00	5.58E-09	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09
2039	462474.32	3772990.04	3.74E-08	0.00E+00	0.00E+00	0.00E+00	3.74E-08	5.73E-09	0.00E+00	0.00E+00	0.00E+00	5.73E-09	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09
2040	462478.01	3772980.96	3.85E-08	0.00E+00	0.00E+00	0.00E+00	3.85E-08	5.89E-09	0.00E+00	0.00E+00	0.00E+00	5.89E-09	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09
2041	462481.69	3772971.87	3.96E-08	0.00E+00	0.00E+00	0.00E+00	3.96E-08	6.06E-09	0.00E+00	0.00E+00	0.00E+00	6.06E-09	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09
2042	462485.37	3772962.79	4.07E-08	0.00E+00	0.00E+00	0.00E+00	4.07E-08	6.23E-09	0.00E+00	0.00E+00	0.00E+00	6.23E-09	2.67E-09	0.00E+00	0.00E+00	0.00E+00	2.67E-09
2043	462489.06	3772953.71	4.19E-08	0.00E+00	0.00E+00	0.00E+00	4.19E-08	6.41E-09	0.00E+00	0.00E+00	0.00E+00	6.41E-09	2.75E-09	0.00E+00	0.00E+00	0.00E+00	2.75E-09
2044	462492.74	3772944.63	4.31E-08	0.00E+00	0.00E+00	0.00E+00	4.31E-08	6.60E-09	0.00E+00	0.00E+00	0.00E+00	6.60E-09	2.83E-09	0.00E+00	0.00E+00	0.00E+00	2.83E-09
2045	462496.42	3772935.55	4.44E-08	0.00E+00	0.00E+00	0.00E+00	4.44E-08	6.79E-09	0.00E+00	0.00E+00	0.00E+00	6.79E-09	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09
2046	462503.79	3772917.39	4.69E-08	0.00E+00	0.00E+00	0.00E+00	4.69E-08	7.19E-09	0.00E+00	0.00E+00	0.00E+00	7.19E-09	3.08E-09	0.00E+00	0.00E+00	0.00E+00	3.08E-09
2047	462507.47	3772908.3	4.82E-08	0.00E+00	0.00E+00	0.00E+00	4.82E-08	7.38E-09	0.00E+00	0.00E+00	0.00E+00	7.38E-09	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09
2048	462511.16	3772899.22	4.95E-08	0.00E+00	0.00E+00	0.00E+00	4.95E-08	7.58E-09	0.00E+00	0.00E+00	0.00E+00	7.58E-09	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09

2049	462514.84	3772890.14	5.08E-08	0.00E+00	0.00E+00	0.00E+00	5.08E-08	7.78E-09	0.00E+00	0.00E+00	0.00E+00	7.78E-09	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09
2050	462536.94	3772835.65	5.73E-08	0.00E+00	0.00E+00	0.00E+00	5.73E-08	8.78E-09	0.00E+00	0.00E+00	0.00E+00	8.78E-09	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09
2051	462540.62	3772826.57	5.82E-08	0.00E+00	0.00E+00	0.00E+00	5.82E-08	8.90E-09	0.00E+00	0.00E+00	0.00E+00	8.90E-09	3.82E-09	0.00E+00	0.00E+00	0.00E+00	3.82E-09
2052	462544.31	3772817.49	5.89E-08	0.00E+00	0.00E+00	0.00E+00	5.89E-08	9.01E-09	0.00E+00	0.00E+00	0.00E+00	9.01E-09	3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09
2053	462547.99	3772808.41	5.95E-08	0.00E+00	0.00E+00	0.00E+00	5.95E-08	9.10E-09	0.00E+00	0.00E+00	0.00E+00	9.10E-09	3.90E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-09
2054	462551.67	3772799.33	6.00E-08	0.00E+00	0.00E+00	0.00E+00	6.00E-08	9.18E-09	0.00E+00	0.00E+00	0.00E+00	9.18E-09	3.93E-09	0.00E+00	0.00E+00	0.00E+00	3.93E-09
2055	462564.4	3772786.46	6.22E-08	0.00E+00	0.00E+00	0.00E+00	6.22E-08	9.52E-09	0.00E+00	0.00E+00	0.00E+00	9.52E-09	4.08E-09	0.00E+00	0.00E+00	0.00E+00	4.08E-09
2056	462573.44	3772782.68	6.40E-08	0.00E+00	0.00E+00	0.00E+00	6.40E-08	9.79E-09	0.00E+00	0.00E+00	0.00E+00	9.79E-09	4.20E-09	0.00E+00	0.00E+00	0.00E+00	4.20E-09
2057	462582.47	3772778.89	6.57E-08	0.00E+00	0.00E+00	0.00E+00	6.57E-08	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	4.31E-09	0.00E+00	0.00E+00	0.00E+00	4.31E-09
2058	462591.51	3772775.11	6.73E-08	0.00E+00	0.00E+00	0.00E+00	6.73E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	4.41E-09	0.00E+00	0.00E+00	0.00E+00	4.41E-09
2059	462627.67	3772759.96	7.26E-08	0.00E+00	0.00E+00	0.00E+00	7.26E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	4.76E-09	0.00E+00	0.00E+00	0.00E+00	4.76E-09
2060	462636.71	3772756.18	7.35E-08	0.00E+00	0.00E+00	0.00E+00	7.35E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	4.82E-09	0.00E+00	0.00E+00	0.00E+00	4.82E-09
2061	462645.75	3772752.39	7.43E-08	0.00E+00	0.00E+00	0.00E+00	7.43E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	4.88E-09	0.00E+00	0.00E+00	0.00E+00	4.88E-09
2062	462654.79	3772748.61	7.49E-08	0.00E+00	0.00E+00	0.00E+00	7.49E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	4.92E-09	0.00E+00	0.00E+00	0.00E+00	4.92E-09
2063	462663.83	3772744.82	7.53E-08	0.00E+00	0.00E+00	0.00E+00	7.53E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	4.94E-09	0.00E+00	0.00E+00	0.00E+00	4.94E-09
2064	462672.87	3772741.04	7.56E-08	0.00E+00	0.00E+00	0.00E+00	7.56E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	4.96E-09	0.00E+00	0.00E+00	0.00E+00	4.96E-09
2065	462681.91	3772737.25	7.56E-08	0.00E+00	0.00E+00	0.00E+00	7.56E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	4.96E-09	0.00E+00	0.00E+00	0.00E+00	4.96E-09
2066	462690.95	3772733.47	7.54E-08	0.00E+00	0.00E+00	0.00E+00	7.54E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	4.95E-09	0.00E+00	0.00E+00	0.00E+00	4.95E-09
2067	462718.07	3772722.11	7.37E-08	0.00E+00	0.00E+00	0.00E+00	7.37E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	4.84E-09	0.00E+00	0.00E+00	0.00E+00	4.84E-09
2068	462727.11	3772718.33	7.28E-08	0.00E+00	0.00E+00	0.00E+00	7.28E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	4.78E-09	0.00E+00	0.00E+00	0.00E+00	4.78E-09
2069	462736.15	3772714.54	7.16E-08	0.00E+00	0.00E+00	0.00E+00	7.16E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	4.70E-09	0.00E+00	0.00E+00	0.00E+00	4.70E-09
2070	462745.19	3772710.76	7.04E-08	0.00E+00	0.00E+00	0.00E+00	7.04E-08	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	4.62E-09	0.00E+00	0.00E+00	0.00E+00	4.62E-09
2071	462754.22	3772706.97	6.89E-08	0.00E+00	0.00E+00	0.00E+00	6.89E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	4.52E-09	0.00E+00	0.00E+00	0.00E+00	4.52E-09
2072	462799.42	3772688.05	5.98E-08	0.00E+00	0.00E+00	0.00E+00	5.98E-08	9.16E-09	0.00E+00	0.00E+00	0.00E+00	9.16E-09	3.93E-09	0.00E+00	0.00E+00	0.00E+00	3.93E-09
2073	462808.46	3772684.26	5.78E-08	0.00E+00	0.00E+00	0.00E+00	5.78E-08	8.84E-09	0.00E+00	0.00E+00	0.00E+00	8.84E-09	3.79E-09	0.00E+00	0.00E+00	0.00E+00	3.79E-09
2074	462817.5	3772680.48	5.57E-08	0.00E+00	0.00E+00	0.00E+00	5.57E-08	8.52E-09	0.00E+00	0.00E+00	0.00E+00	8.52E-09	3.65E-09	0.00E+00	0.00E+00	0.00E+00	3.65E-09
2075	462826.54	3772676.69	5.35E-08	0.00E+00	0.00E+00	0.00E+00	5.35E-08	8.20E-09	0.00E+00	0.00E+00	0.00E+00	8.20E-09	3.51E-09	0.00E+00	0.00E+00	0.00E+00	3.51E-09
2076	462835.58	3772672.91	5.14E-08	0.00E+00	0.00E+00	0.00E+00	5.14E-08	7.87E-09	0.00E+00	0.00E+00	0.00E+00	7.87E-09	3.37E-09	0.00E+00	0.00E+00	0.00E+00	3.37E-09
2077	462844.62	3772669.12	4.93E-08	0.00E+00	0.00E+00	0.00E+00	4.93E-08	7.55E-09	0.00E+00	0.00E+00	0.00E+00	7.55E-09	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09
2078	462853.66	3772665.34	4.72E-08	0.00E+00	0.00E+00	0.00E+00	4.72E-08	7.22E-09	0.00E+00	0.00E+00	0.00E+00	7.22E-09	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09
2079	462862.7	3772661.55	4.51E-08	0.00E+00	0.00E+00	0.00E+00	4.51E-08	6.91E-09	0.00E+00	0.00E+00	0.00E+00	6.91E-09	2.96E-09	0.00E+00	0.00E+00	0.00E+00	2.96E-09
2080	462871.74	3772657.77	4.31E-08	0.00E+00	0.00E+00	0.00E+00	4.31E-08	6.60E-09	0.00E+00	0.00E+00	0.00E+00	6.60E-09	2.83E-09	0.00E+00	0.00E+00	0.00E+00	2.83E-09
2081	462880.78	3772653.98	4.12E-08	0.00E+00	0.00E+00	0.00E+00	4.12E-08	6.30E-09	0.00E+00	0.00E+00	0.00E+00	6.30E-09	2.70E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-09
2082	462889.82	3772650.2	3.93E-08	0.00E+00	0.00E+00	0.00E+00	3.93E-08	6.01E-09	0.00E+00	0.00E+00	0.00E+00	6.01E-09	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09
2083	462898.86	3772646.41	3.75E-08	0.00E+00	0.00E+00	0.00E+00	3.75E-08	5.73E-09	0.00E+00	0.00E+00	0.00E+00	5.73E-09	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09
2084	462907.9	3772642.63	3.57E-08	0.00E+00	0.00E+00	0.00E+00	3.57E-08	5.47E-09	0.00E+00	0.00E+00	0.00E+00	5.47E-09	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09
2085	462381.74	3773144.62	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	3.68E-09	0.00E+00	0.00E+00	0.00E+00	3.68E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
2086	462385.45	3773135.46	2.44E-08	0.00E+00	0.00E+00	0.00E+00	2.44E-08	3.73E-09	0.00E+00	0.00E+00	0.00E+00	3.73E-09	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09
2087	462389.17	3773126.3	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	3.78E-09	0.00E+00	0.00E+00	0.00E+00	3.78E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09
2088	462392.88	3773117.15	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	3.84E-09	0.00E+00	0.00E+00	0.00E+00	3.84E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
2089	462396.59	3773107.99	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
2090	462400.31	3773098.83	2.58E-08	0.00E+00	0.00E+00	0.00E+00	2.58E-08	3.95E-09	0.00E+00	0.00E+00	0.00E+00	3.95E-09	1.69E-09	0.00E+00	0.00E+00	0.00E+00	1.69E-09
2091	462404.02	3773089.67	2.62E-08	0.00E+00	0.00E+00	0.00E+00	2.62E-08	4.02E-09	0.00E+00	0.00E+00	0.00E+00	4.02E-09	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09
2092	462407.74	3773080.51	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08	4.08E-09	0.00E+00	0.00E+00	0.00E+00	4.08E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
2093	462422.59	3773043.88	2.86E-08	0.00E+00	0.00E+00	0.00E+00	2.86E-08	4.38E-09	0.00E+00	0.00E+00	0.00E+00	4.38E-09	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09
2094	462426.31	3773034.73	2.92E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-08	4.47E-09	0.00E+00	0.00E+00	0.00E+00	4.47E-09	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09
2095	462430.02	3773025.57	2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08	4.57E-09	0.00E+00	0.00E+00	0.00E+00	4.57E-09	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09
2096	462433.74	3773016.41	3.05E-08	0.00E+00	0.00E+00	0.00E+00	3.05E-08	4.67E-09	0.00E+00	0.00E+00	0.00E+00	4.67E-09	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09
2097	462437.45	3773007.25	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08	4.77E-09	0.00E+00	0.00E+00	0.00E+00	4.77E-09	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09
2098	462441.17	3772998.09	3.19E-08	0.00E+00	0.00E+00	0.00E+00	3.19E-08	4.89E-09	0.00E+00	0.00E+00	0.00E+00	4.89E-09	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09
2099	462444.88	3772988.94	3.27E-08	0.00E+00	0.00E+00	0.00E+00	3.27E-08	5.01E-09	0.00E+00	0.00E+00	0.00E+00	5.01E-09	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09
2100	462448.59	3772979.78	3.36E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-08	5.14E-09	0.00E+00	0.00E+00	0.00E+00	5.14E-09	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09
2101	462452.31	3772970.62	3.45E-08	0.00E+00	0.00E+00	0.00E+00	3.45E-08	5.27E-09	0.00E+00	0.00E+00	0.00E+00	5.27E-09	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09
2102	462456.02	3772961.46	3.54E-08	0.00E+00	0.00E+00	0.00E+00	3.54E-08	5.42E-09	0.00E+00	0.00E+00	0.00E+00	5.42E-09	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09
2103	462459.74	3772952.31	3.64E-08	0.00E+00	0.00E+00	0.00E+00	3.64E-08	5.57E-09	0.00E+00	0.00E+00	0.00E+00	5.57E-09	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09
2104	462463.45	3772943.15	3.74E-08	0.00E+00	0.00E+00	0.00E+00	3.74E-08	5.73E-09	0.00E+00	0.00E+00	0.00E+00	5.73E-09	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09
2105	462467.17	3772933.99	3.85E-08	0.00E+00	0.00E+00	0.00E+00	3.85E-08	5.89E-09	0.00E+00	0.00E+00	0.00E+00	5.89E-09	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09

2106	462474.6	3772915.68	4.07E-08	0.00E+00	0.00E+00	0.00E+00	4.07E-08	6.22E-09	0.00E+00	0.00E+00	0.00E+00	6.22E-09	2.67E-09	0.00E+00	0.00E+00	0.00E+00	2.67E-09
2107	462478.31	3772906.52	4.18E-08	0.00E+00	0.00E+00	0.00E+00	4.18E-08	6.40E-09	0.00E+00	0.00E+00	0.00E+00	6.40E-09	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09
2108	462482.02	3772897.36	4.29E-08	0.00E+00	0.00E+00	0.00E+00	4.29E-08	6.57E-09	0.00E+00	0.00E+00	0.00E+00	6.57E-09	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09
2109	462485.74	3772888.2	4.41E-08	0.00E+00	0.00E+00	0.00E+00	4.41E-08	6.74E-09	0.00E+00	0.00E+00	0.00E+00	6.74E-09	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09
2110	462508.02	3772833.26	5.03E-08	0.00E+00	0.00E+00	0.00E+00	5.03E-08	7.70E-09	0.00E+00	0.00E+00	0.00E+00	7.70E-09	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09
2111	462511.74	3772824.1	5.12E-08	0.00E+00	0.00E+00	0.00E+00	5.12E-08	7.84E-09	0.00E+00	0.00E+00	0.00E+00	7.84E-09	3.36E-09	0.00E+00	0.00E+00	0.00E+00	3.36E-09
2112	462515.45	3772814.94	5.20E-08	0.00E+00	0.00E+00	0.00E+00	5.20E-08	7.96E-09	0.00E+00	0.00E+00	0.00E+00	7.96E-09	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09
2113	462519.17	3772805.78	5.27E-08	0.00E+00	0.00E+00	0.00E+00	5.27E-08	8.07E-09	0.00E+00	0.00E+00	0.00E+00	8.07E-09	3.46E-09	0.00E+00	0.00E+00	0.00E+00	3.46E-09
2114	462522.88	3772796.63	5.33E-08	0.00E+00	0.00E+00	0.00E+00	5.33E-08	8.17E-09	0.00E+00	0.00E+00	0.00E+00	8.17E-09	3.50E-09	0.00E+00	0.00E+00	0.00E+00	3.50E-09
2115	462526.6	3772787.47	5.39E-08	0.00E+00	0.00E+00	0.00E+00	5.39E-08	8.25E-09	0.00E+00	0.00E+00	0.00E+00	8.25E-09	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09
2116	462530.31	3772778.31	5.43E-08	0.00E+00	0.00E+00	0.00E+00	5.43E-08	8.32E-09	0.00E+00	0.00E+00	0.00E+00	8.32E-09	3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09
2117	462543.14	3772765.34	5.63E-08	0.00E+00	0.00E+00	0.00E+00	5.63E-08	8.61E-09	0.00E+00	0.00E+00	0.00E+00	8.61E-09	3.69E-09	0.00E+00	0.00E+00	0.00E+00	3.69E-09
2118	462552.26	3772761.52	5.78E-08	0.00E+00	0.00E+00	0.00E+00	5.78E-08	8.85E-09	0.00E+00	0.00E+00	0.00E+00	8.85E-09	3.80E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-09
2119	462561.37	3772757.7	5.93E-08	0.00E+00	0.00E+00	0.00E+00	5.93E-08	9.08E-09	0.00E+00	0.00E+00	0.00E+00	9.08E-09	3.89E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-09
2120	462570.49	3772753.88	6.08E-08	0.00E+00	0.00E+00	0.00E+00	6.08E-08	9.30E-09	0.00E+00	0.00E+00	0.00E+00	9.30E-09	3.99E-09	0.00E+00	0.00E+00	0.00E+00	3.99E-09
2121	462579.6	3772750.07	6.21E-08	0.00E+00	0.00E+00	0.00E+00	6.21E-08	9.50E-09	0.00E+00	0.00E+00	0.00E+00	9.50E-09	4.07E-09	0.00E+00	0.00E+00	0.00E+00	4.07E-09
2122	462588.72	3772746.25	6.33E-08	0.00E+00	0.00E+00	0.00E+00	6.33E-08	9.69E-09	0.00E+00	0.00E+00	0.00E+00	9.69E-09	4.16E-09	0.00E+00	0.00E+00	0.00E+00	4.16E-09
2123	462597.83	3772742.43	6.45E-08	0.00E+00	0.00E+00	0.00E+00	6.45E-08	9.87E-09	0.00E+00	0.00E+00	0.00E+00	9.87E-09	4.23E-09	0.00E+00	0.00E+00	0.00E+00	4.23E-09
2124	462634.29	3772727.17	6.77E-08	0.00E+00	0.00E+00	0.00E+00	6.77E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	4.44E-09	0.00E+00	0.00E+00	0.00E+00	4.44E-09
2125	462643.41	3772723.35	6.81E-08	0.00E+00	0.00E+00	0.00E+00	6.81E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	4.47E-09	0.00E+00	0.00E+00	0.00E+00	4.47E-09
2126	462652.53	3772719.53	6.84E-08	0.00E+00	0.00E+00	0.00E+00	6.84E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	4.49E-09	0.00E+00	0.00E+00	0.00E+00	4.49E-09
2127	462661.64	3772715.72	6.85E-08	0.00E+00	0.00E+00	0.00E+00	6.85E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	4.50E-09	0.00E+00	0.00E+00	0.00E+00	4.50E-09
2128	462670.76	3772711.9	6.85E-08	0.00E+00	0.00E+00	0.00E+00	6.85E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	4.49E-09	0.00E+00	0.00E+00	0.00E+00	4.49E-09
2129	462679.87	3772708.08	6.82E-08	0.00E+00	0.00E+00	0.00E+00	6.82E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	4.48E-09	0.00E+00	0.00E+00	0.00E+00	4.48E-09
2130	462725.45	3772689	6.46E-08	0.00E+00	0.00E+00	0.00E+00	6.46E-08	9.90E-09	0.00E+00	0.00E+00	0.00E+00	9.90E-09	4.24E-09	0.00E+00	0.00E+00	0.00E+00	4.24E-09
2131	462734.56	3772685.18	6.35E-08	0.00E+00	0.00E+00	0.00E+00	6.35E-08	9.72E-09	0.00E+00	0.00E+00	0.00E+00	9.72E-09	4.17E-09	0.00E+00	0.00E+00	0.00E+00	4.17E-09
2132	462743.68	3772681.36	6.22E-08	0.00E+00	0.00E+00	0.00E+00	6.22E-08	9.52E-09	0.00E+00	0.00E+00	0.00E+00	9.52E-09	4.08E-09	0.00E+00	0.00E+00	0.00E+00	4.08E-09
2133	462752.79	3772677.55	6.08E-08	0.00E+00	0.00E+00	0.00E+00	6.08E-08	9.30E-09	0.00E+00	0.00E+00	0.00E+00	9.30E-09	3.99E-09	0.00E+00	0.00E+00	0.00E+00	3.99E-09
2134	462761.91	3772673.73	5.93E-08	0.00E+00	0.00E+00	0.00E+00	5.93E-08	9.07E-09	0.00E+00	0.00E+00	0.00E+00	9.07E-09	3.89E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-09
2135	462771.03	3772669.91	5.76E-08	0.00E+00	0.00E+00	0.00E+00	5.76E-08	8.82E-09	0.00E+00	0.00E+00	0.00E+00	8.82E-09	3.78E-09	0.00E+00	0.00E+00	0.00E+00	3.78E-09
2136	462780.14	3772666.1	5.60E-08	0.00E+00	0.00E+00	0.00E+00	5.60E-08	8.57E-09	0.00E+00	0.00E+00	0.00E+00	8.57E-09	3.67E-09	0.00E+00	0.00E+00	0.00E+00	3.67E-09
2137	462789.26	3772662.28	5.42E-08	0.00E+00	0.00E+00	0.00E+00	5.42E-08	8.30E-09	0.00E+00	0.00E+00	0.00E+00	8.30E-09	3.56E-09	0.00E+00	0.00E+00	0.00E+00	3.56E-09
2138	462798.37	3772658.46	5.24E-08	0.00E+00	0.00E+00	0.00E+00	5.24E-08	8.02E-09	0.00E+00	0.00E+00	0.00E+00	8.02E-09	3.44E-09	0.00E+00	0.00E+00	0.00E+00	3.44E-09
2139	462807.49	3772654.64	5.06E-08	0.00E+00	0.00E+00	0.00E+00	5.06E-08	7.74E-09	0.00E+00	0.00E+00	0.00E+00	7.74E-09	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09
2140	462816.6	3772650.83	4.87E-08	0.00E+00	0.00E+00	0.00E+00	4.87E-08	7.46E-09	0.00E+00	0.00E+00	0.00E+00	7.46E-09	3.20E-09	0.00E+00	0.00E+00	0.00E+00	3.20E-09
2141	462825.72	3772647.01	4.69E-08	0.00E+00	0.00E+00	0.00E+00	4.69E-08	7.17E-09	0.00E+00	0.00E+00	0.00E+00	7.17E-09	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09
2142	462834.83	3772643.19	4.50E-08	0.00E+00	0.00E+00	0.00E+00	4.50E-08	6.89E-09	0.00E+00	0.00E+00	0.00E+00	6.89E-09	2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09
2143	462843.95	3772639.38	4.32E-08	0.00E+00	0.00E+00	0.00E+00	4.32E-08	6.61E-09	0.00E+00	0.00E+00	0.00E+00	6.61E-09	2.83E-09	0.00E+00	0.00E+00	0.00E+00	2.83E-09
2144	462853.06	3772635.56	4.13E-08	0.00E+00	0.00E+00	0.00E+00	4.13E-08	6.33E-09	0.00E+00	0.00E+00	0.00E+00	6.33E-09	2.71E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-09
2145	462862.18	3772631.74	3.96E-08	0.00E+00	0.00E+00	0.00E+00	3.96E-08	6.06E-09	0.00E+00	0.00E+00	0.00E+00	6.06E-09	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09
2146	462871.3	3772627.93	3.78E-08	0.00E+00	0.00E+00	0.00E+00	3.78E-08	5.79E-09	0.00E+00	0.00E+00	0.00E+00	5.79E-09	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09
2147	462880.41	3772624.11	3.62E-08	0.00E+00	0.00E+00	0.00E+00	3.62E-08	5.54E-09	0.00E+00	0.00E+00	0.00E+00	5.54E-09	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09
2148	462889.53	3772620.29	3.45E-08	0.00E+00	0.00E+00	0.00E+00	3.45E-08	5.29E-09	0.00E+00	0.00E+00	0.00E+00	5.29E-09	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09
2149	462898.64	3772616.48	3.30E-08	0.00E+00	0.00E+00	0.00E+00	3.30E-08	5.05E-09	0.00E+00	0.00E+00	0.00E+00	5.05E-09	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09
2150	462907.76	3772612.66	3.15E-08	0.00E+00	0.00E+00	0.00E+00	3.15E-08	4.82E-09	0.00E+00	0.00E+00	0.00E+00	4.82E-09	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09
2151	462378.02	3773153.78	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	3.63E-09	0.00E+00	0.00E+00	0.00E+00	3.63E-09	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09
2152	462378.11	3773163.73	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	3.62E-09	0.00E+00	0.00E+00	0.00E+00	3.62E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
2153	462378.2	3773173.69	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.61E-09	0.00E+00	0.00E+00	0.00E+00	3.61E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
2154	462378.3	3773183.64	2.35E-08	0.00E+00	0.00E+00	0.00E+00	2.35E-08	3.60E-09	0.00E+00	0.00E+00	0.00E+00	3.60E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
2155	462378.39	3773193.6	2.35E-08	0.00E+00	0.00E+00	0.00E+00	2.35E-08	3.60E-09	0.00E+00	0.00E+00	0.00E+00	3.60E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
2156	462378.48	3773203.55	2.35E-08	0.00E+00	0.00E+00	0.00E+00	2.35E-08	3.60E-09	0.00E+00	0.00E+00	0.00E+00	3.60E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
2157	462378.57	3773213.51	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
2158	462378.66	3773223.46	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08	3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09
2159	462378.75	3773233.42	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	3.56E-09	0.00E+00	0.00E+00	0.00E+00	3.56E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09
2160	462378.84	3773243.37	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	3.55E-09	0.00E+00	0.00E+00	0.00E+00	3.55E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
2161	462351.68	3773145.03	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
2162	462355.34	3773136.01	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08	3.37E-09	0.00E+00	0.00E+00	0.00E+00	3.37E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09

2163	462359	3773126.98	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
2164	462362.66	3773117.96	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08	3.45E-09	0.00E+00	0.00E+00	0.00E+00	3.45E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09
2165	462366.32	3773108.94	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08	3.50E-09	0.00E+00	0.00E+00	0.00E+00	3.50E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
2166	462369.98	3773099.92	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	3.55E-09	0.00E+00	0.00E+00	0.00E+00	3.55E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
2167	462373.64	3773090.9	2.35E-08	0.00E+00	0.00E+00	0.00E+00	2.35E-08	3.60E-09	0.00E+00	0.00E+00	0.00E+00	3.60E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
2168	462377.3	3773081.87	2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08	3.65E-09	0.00E+00	0.00E+00	0.00E+00	3.65E-09	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09
2169	462380.96	3773072.85	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	3.71E-09	0.00E+00	0.00E+00	0.00E+00	3.71E-09	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09
2170	462388.28	3773054.81	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
2171	462391.94	3773045.79	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
2172	462395.59	3773036.76	2.59E-08	0.00E+00	0.00E+00	0.00E+00	2.59E-08	3.96E-09	0.00E+00	0.00E+00	0.00E+00	3.96E-09	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09
2173	462399.25	3773027.74	2.64E-08	0.00E+00	0.00E+00	0.00E+00	2.64E-08	4.04E-09	0.00E+00	0.00E+00	0.00E+00	4.04E-09	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09
2174	462402.91	3773018.72	2.69E-08	0.00E+00	0.00E+00	0.00E+00	2.69E-08	4.11E-09	0.00E+00	0.00E+00	0.00E+00	4.11E-09	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09
2175	462424.87	3772964.59	3.07E-08	0.00E+00	0.00E+00	0.00E+00	3.07E-08	4.70E-09	0.00E+00	0.00E+00	0.00E+00	4.70E-09	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09
2176	462428.53	3772955.57	3.15E-08	0.00E+00	0.00E+00	0.00E+00	3.15E-08	4.82E-09	0.00E+00	0.00E+00	0.00E+00	4.82E-09	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09
2177	462432.19	3772946.54	3.23E-08	0.00E+00	0.00E+00	0.00E+00	3.23E-08	4.94E-09	0.00E+00	0.00E+00	0.00E+00	4.94E-09	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09
2178	462435.85	3772937.52	3.31E-08	0.00E+00	0.00E+00	0.00E+00	3.31E-08	5.07E-09	0.00E+00	0.00E+00	0.00E+00	5.07E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
2179	462446.83	3772910.46	3.59E-08	0.00E+00	0.00E+00	0.00E+00	3.59E-08	5.49E-09	0.00E+00	0.00E+00	0.00E+00	5.49E-09	2.35E-09	0.00E+00	0.00E+00	0.00E+00	2.35E-09
2180	462450.48	3772901.43	3.68E-08	0.00E+00	0.00E+00	0.00E+00	3.68E-08	5.64E-09	0.00E+00	0.00E+00	0.00E+00	5.64E-09	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09
2181	462454.14	3772892.41	3.78E-08	0.00E+00	0.00E+00	0.00E+00	3.78E-08	5.79E-09	0.00E+00	0.00E+00	0.00E+00	5.79E-09	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09
2182	462457.8	3772883.39	3.88E-08	0.00E+00	0.00E+00	0.00E+00	3.88E-08	5.94E-09	0.00E+00	0.00E+00	0.00E+00	5.94E-09	2.54E-09	0.00E+00	0.00E+00	0.00E+00	2.54E-09
2183	462479.76	3772829.26	4.44E-08	0.00E+00	0.00E+00	0.00E+00	4.44E-08	6.80E-09	0.00E+00	0.00E+00	0.00E+00	6.80E-09	2.92E-09	0.00E+00	0.00E+00	0.00E+00	2.92E-09
2184	462483.42	3772820.23	4.53E-08	0.00E+00	0.00E+00	0.00E+00	4.53E-08	6.93E-09	0.00E+00	0.00E+00	0.00E+00	6.93E-09	2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09
2185	462487.08	3772811.21	4.61E-08	0.00E+00	0.00E+00	0.00E+00	4.61E-08	7.05E-09	0.00E+00	0.00E+00	0.00E+00	7.05E-09	3.02E-09	0.00E+00	0.00E+00	0.00E+00	3.02E-09
2186	462490.74	3772802.19	4.68E-08	0.00E+00	0.00E+00	0.00E+00	4.68E-08	7.17E-09	0.00E+00	0.00E+00	0.00E+00	7.17E-09	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09
2187	462494.4	3772793.17	4.75E-08	0.00E+00	0.00E+00	0.00E+00	4.75E-08	7.27E-09	0.00E+00	0.00E+00	0.00E+00	7.27E-09	3.12E-09	0.00E+00	0.00E+00	0.00E+00	3.12E-09
2188	462498.06	3772784.15	4.81E-08	0.00E+00	0.00E+00	0.00E+00	4.81E-08	7.36E-09	0.00E+00	0.00E+00	0.00E+00	7.36E-09	3.16E-09	0.00E+00	0.00E+00	0.00E+00	3.16E-09
2189	462501.71	3772775.12	4.86E-08	0.00E+00	0.00E+00	0.00E+00	4.86E-08	7.45E-09	0.00E+00	0.00E+00	0.00E+00	7.45E-09	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.19E-09
2190	462505.37	3772766.1	4.91E-08	0.00E+00	0.00E+00	0.00E+00	4.91E-08	7.52E-09	0.00E+00	0.00E+00	0.00E+00	7.52E-09	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09
2191	462509.03	3772757.08	4.95E-08	0.00E+00	0.00E+00	0.00E+00	4.95E-08	7.58E-09	0.00E+00	0.00E+00	0.00E+00	7.58E-09	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09
2192	462521.67	3772744.3	5.12E-08	0.00E+00	0.00E+00	0.00E+00	5.12E-08	7.83E-09	0.00E+00	0.00E+00	0.00E+00	7.83E-09	3.36E-09	0.00E+00	0.00E+00	0.00E+00	3.36E-09
2193	462530.65	3772740.54	5.25E-08	0.00E+00	0.00E+00	0.00E+00	5.25E-08	8.04E-09	0.00E+00	0.00E+00	0.00E+00	8.04E-09	3.45E-09	0.00E+00	0.00E+00	0.00E+00	3.45E-09
2194	462539.63	3772736.78	5.38E-08	0.00E+00	0.00E+00	0.00E+00	5.38E-08	8.24E-09	0.00E+00	0.00E+00	0.00E+00	8.24E-09	3.53E-09	0.00E+00	0.00E+00	0.00E+00	3.53E-09
2195	462548.61	3772733.02	5.51E-08	0.00E+00	0.00E+00	0.00E+00	5.51E-08	8.43E-09	0.00E+00	0.00E+00	0.00E+00	8.43E-09	3.61E-09	0.00E+00	0.00E+00	0.00E+00	3.61E-09
2196	462557.59	3772729.26	5.62E-08	0.00E+00	0.00E+00	0.00E+00	5.62E-08	8.61E-09	0.00E+00	0.00E+00	0.00E+00	8.61E-09	3.69E-09	0.00E+00	0.00E+00	0.00E+00	3.69E-09
2197	462566.57	3772725.5	5.73E-08	0.00E+00	0.00E+00	0.00E+00	5.73E-08	8.78E-09	0.00E+00	0.00E+00	0.00E+00	8.78E-09	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09
2198	462575.56	3772721.74	5.83E-08	0.00E+00	0.00E+00	0.00E+00	5.83E-08	8.93E-09	0.00E+00	0.00E+00	0.00E+00	8.93E-09	3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09
2199	462584.54	3772717.98	5.92E-08	0.00E+00	0.00E+00	0.00E+00	5.92E-08	9.07E-09	0.00E+00	0.00E+00	0.00E+00	9.07E-09	3.89E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-09
2200	462593.52	3772714.21	6.01E-08	0.00E+00	0.00E+00	0.00E+00	6.01E-08	9.19E-09	0.00E+00	0.00E+00	0.00E+00	9.19E-09	3.94E-09	0.00E+00	0.00E+00	0.00E+00	3.94E-09
2201	462656.38	3772687.89	6.23E-08	0.00E+00	0.00E+00	0.00E+00	6.23E-08	9.54E-09	0.00E+00	0.00E+00	0.00E+00	9.54E-09	4.09E-09	0.00E+00	0.00E+00	0.00E+00	4.09E-09
2202	462665.36	3772684.13	6.21E-08	0.00E+00	0.00E+00	0.00E+00	6.21E-08	9.51E-09	0.00E+00	0.00E+00	0.00E+00	9.51E-09	4.08E-09	0.00E+00	0.00E+00	0.00E+00	4.08E-09
2203	462674.34	3772680.37	6.18E-08	0.00E+00	0.00E+00	0.00E+00	6.18E-08	9.46E-09	0.00E+00	0.00E+00	0.00E+00	9.46E-09	4.05E-09	0.00E+00	0.00E+00	0.00E+00	4.05E-09
2204	462683.32	3772676.61	6.13E-08	0.00E+00	0.00E+00	0.00E+00	6.13E-08	9.38E-09	0.00E+00	0.00E+00	0.00E+00	9.38E-09	4.02E-09	0.00E+00	0.00E+00	0.00E+00	4.02E-09
2205	462692.3	3772672.85	6.07E-08	0.00E+00	0.00E+00	0.00E+00	6.07E-08	9.29E-09	0.00E+00	0.00E+00	0.00E+00	9.29E-09	3.98E-09	0.00E+00	0.00E+00	0.00E+00	3.98E-09
2206	462701.28	3772669.09	6.00E-08	0.00E+00	0.00E+00	0.00E+00	6.00E-08	9.18E-09	0.00E+00	0.00E+00	0.00E+00	9.18E-09	3.93E-09	0.00E+00	0.00E+00	0.00E+00	3.93E-09
2207	462710.26	3772665.33	5.91E-08	0.00E+00	0.00E+00	0.00E+00	5.91E-08	9.05E-09	0.00E+00	0.00E+00	0.00E+00	9.05E-09	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09
2208	462719.24	3772661.57	5.81E-08	0.00E+00	0.00E+00	0.00E+00	5.81E-08	8.90E-09	0.00E+00	0.00E+00	0.00E+00	8.90E-09	3.81E-09	0.00E+00	0.00E+00	0.00E+00	3.81E-09
2209	462728.22	3772657.81	5.70E-08	0.00E+00	0.00E+00	0.00E+00	5.70E-08	8.73E-09	0.00E+00	0.00E+00	0.00E+00	8.73E-09	3.74E-09	0.00E+00	0.00E+00	0.00E+00	3.74E-09
2210	462737.2	3772654.05	5.59E-08	0.00E+00	0.00E+00	0.00E+00	5.59E-08	8.55E-09	0.00E+00	0.00E+00	0.00E+00	8.55E-09	3.67E-09	0.00E+00	0.00E+00	0.00E+00	3.67E-09
2211	462746.18	3772650.29	5.46E-08	0.00E+00	0.00E+00	0.00E+00	5.46E-08	8.36E-09	0.00E+00	0.00E+00	0.00E+00	8.36E-09	3.58E-09	0.00E+00	0.00E+00	0.00E+00	3.58E-09
2212	462755.16	3772646.53	5.33E-08	0.00E+00	0.00E+00	0.00E+00	5.33E-08	8.16E-09	0.00E+00	0.00E+00	0.00E+00	8.16E-09	3.50E-09	0.00E+00	0.00E+00	0.00E+00	3.50E-09
2213	462764.14	3772642.77	5.19E-08	0.00E+00	0.00E+00	0.00E+00	5.19E-08	7.94E-09	0.00E+00	0.00E+00	0.00E+00	7.94E-09	3.40E-09	0.00E+00	0.00E+00	0.00E+00	3.40E-09
2214	462773.12	3772639.01	5.04E-08	0.00E+00	0.00E+00	0.00E+00	5.04E-08	7.71E-09	0.00E+00	0.00E+00	0.00E+00	7.71E-09	3.31E-09	0.00E+00	0.00E+00	0.00E+00	3.31E-09
2215	462782.1	3772635.25	4.89E-08	0.00E+00	0.00E+00	0.00E+00	4.89E-08	7.48E-09	0.00E+00	0.00E+00	0.00E+00	7.48E-09	3.21E-09	0.00E+00	0.00E+00	0.00E+00	3.21E-09
2216	462791.08	3772631.49	4.73E-08	0.00E+00	0.00E+00	0.00E+00	4.73E-08	7.24E-09	0.00E+00	0.00E+00	0.00E+00	7.24E-09	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09
2217	462800.06	3772627.73	4.57E-08	0.00E+00	0.00E+00	0.00E+00	4.57E-08	7.00E-09	0.00E+00	0.00E+00	0.00E+00	7.00E-09	3.00E-09	0.00E+00	0.00E+00	0.00E+00	3.00E-09
2218	462809.05	3772623.97	4.41E-08	0.00E+00	0.00E+00	0.00E+00	4.41E-08	6.75E-09	0.00E+00	0.00E+00	0.00E+00	6.75E-09	2.90E-09	0.00E+00	0.00E+00	0.00E+00	2.90E-09
2219	462818.03	3772620.21	4.25E-08	0.00E+00	0.00E+00	0.00E+00	4.25E-08	6.51E-09	0.00E+00	0.00E+00	0.00E+00	6.51E-09	2.79E-09	0.00E+00	0.00E+00	0.00E+00	2.79E-09

2220	462827.01	3772616.45	4.09E-08	0.00E+00	0.00E+00	0.00E+00	4.09E-08	6.26E-09	0.00E+00	0.00E+00	0.00E+00	6.26E-09	2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09
2221	462835.99	3772612.68	3.93E-08	0.00E+00	0.00E+00	0.00E+00	3.93E-08	6.02E-09	0.00E+00	0.00E+00	0.00E+00	6.02E-09	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09
2222	462844.97	3772608.92	3.78E-08	0.00E+00	0.00E+00	0.00E+00	3.78E-08	5.78E-09	0.00E+00	0.00E+00	0.00E+00	5.78E-09	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09
2223	462853.95	3772605.16	3.62E-08	0.00E+00	0.00E+00	0.00E+00	3.62E-08	5.55E-09	0.00E+00	0.00E+00	0.00E+00	5.55E-09	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09
2224	462862.93	3772601.4	3.47E-08	0.00E+00	0.00E+00	0.00E+00	3.47E-08	5.32E-09	0.00E+00	0.00E+00	0.00E+00	5.32E-09	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09
2225	462871.91	3772597.64	3.33E-08	0.00E+00	0.00E+00	0.00E+00	3.33E-08	5.09E-09	0.00E+00	0.00E+00	0.00E+00	5.09E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
2226	462880.89	3772593.88	3.19E-08	0.00E+00	0.00E+00	0.00E+00	3.19E-08	4.88E-09	0.00E+00	0.00E+00	0.00E+00	4.88E-09	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09
2227	462889.87	3772590.12	3.05E-08	0.00E+00	0.00E+00	0.00E+00	3.05E-08	4.67E-09	0.00E+00	0.00E+00	0.00E+00	4.67E-09	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09
2228	462898.85	3772586.36	2.92E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-08	4.47E-09	0.00E+00	0.00E+00	0.00E+00	4.47E-09	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09
2229	462907.83	3772582.6	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	4.28E-09	0.00E+00	0.00E+00	0.00E+00	4.28E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
2230	462348.02	3773154.05	2.14E-08	0.00E+00	0.00E+00	0.00E+00	2.14E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	3.28E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
2231	462348.11	3773164.01	2.14E-08	0.00E+00	0.00E+00	0.00E+00	2.14E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	3.28E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
2232	462348.21	3773173.96	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.26E-09	0.00E+00	0.00E+00	0.00E+00	3.26E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
2233	462348.3	3773183.92	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.26E-09	0.00E+00	0.00E+00	0.00E+00	3.26E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
2234	462348.39	3773193.87	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.26E-09	0.00E+00	0.00E+00	0.00E+00	3.26E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
2235	462348.48	3773203.83	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
2236	462348.57	3773213.78	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08	3.24E-09	0.00E+00	0.00E+00	0.00E+00	3.24E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
2237	462348.66	3773223.74	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
2238	462348.75	3773233.69	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
2239	462348.84	3773243.65	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.21E-09	0.00E+00	0.00E+00	0.00E+00	3.21E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
2240	462325.4	3773136.14	2.00E-08	0.00E+00	0.00E+00	0.00E+00	2.00E-08	3.06E-09	0.00E+00	0.00E+00	0.00E+00	3.06E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09
2241	462329.09	3773127.05	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
2242	462332.78	3773117.95	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	3.14E-09	0.00E+00	0.00E+00	0.00E+00	3.14E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
2243	462336.47	3773108.86	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.18E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
2244	462340.15	3773099.77	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
2245	462343.84	3773090.68	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.26E-09	0.00E+00	0.00E+00	0.00E+00	3.26E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
2246	462347.53	3773081.58	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
2247	462351.22	3773072.49	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	3.35E-09	0.00E+00	0.00E+00	0.00E+00	3.35E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09
2248	462358.59	3773054.3	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08	3.45E-09	0.00E+00	0.00E+00	0.00E+00	3.45E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09
2249	462362.28	3773045.21	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08	3.51E-09	0.00E+00	0.00E+00	0.00E+00	3.51E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
2250	462365.97	3773036.12	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08	3.56E-09	0.00E+00	0.00E+00	0.00E+00	3.56E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09
2251	462369.66	3773027.03	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	3.62E-09	0.00E+00	0.00E+00	0.00E+00	3.62E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
2252	462373.34	3773017.93	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	3.69E-09	0.00E+00	0.00E+00	0.00E+00	3.69E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
2253	462377.03	3773008.84	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
2254	462380.72	3772999.75	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
2255	462384.41	3772990.65	2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08	3.91E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-09	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09
2256	462388.1	3772981.56	2.61E-08	0.00E+00	0.00E+00	0.00E+00	2.61E-08	3.99E-09	0.00E+00	0.00E+00	0.00E+00	3.99E-09	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09
2257	462391.78	3772972.47	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	4.08E-09	0.00E+00	0.00E+00	0.00E+00	4.08E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
2258	462395.47	3772963.38	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08	4.17E-09	0.00E+00	0.00E+00	0.00E+00	4.17E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09
2259	462399.16	3772954.28	2.79E-08	0.00E+00	0.00E+00	0.00E+00	2.79E-08	4.27E-09	0.00E+00	0.00E+00	0.00E+00	4.27E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
2260	462402.85	3772945.19	2.86E-08	0.00E+00	0.00E+00	0.00E+00	2.86E-08	4.37E-09	0.00E+00	0.00E+00	0.00E+00	4.37E-09	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09
2261	462413.91	3772917.91	3.08E-08	0.00E+00	0.00E+00	0.00E+00	3.08E-08	4.71E-09	0.00E+00	0.00E+00	0.00E+00	4.71E-09	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09
2262	462417.6	3772908.82	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	4.83E-09	0.00E+00	0.00E+00	0.00E+00	4.83E-09	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09
2263	462421.29	3772899.73	3.24E-08	0.00E+00	0.00E+00	0.00E+00	3.24E-08	4.96E-09	0.00E+00	0.00E+00	0.00E+00	4.96E-09	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09
2264	462424.98	3772890.63	3.32E-08	0.00E+00	0.00E+00	0.00E+00	3.32E-08	5.09E-09	0.00E+00	0.00E+00	0.00E+00	5.09E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
2265	462447.1	3772836.08	3.84E-08	0.00E+00	0.00E+00	0.00E+00	3.84E-08	5.88E-09	0.00E+00	0.00E+00	0.00E+00	5.88E-09	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09
2266	462450.79	3772826.99	3.92E-08	0.00E+00	0.00E+00	0.00E+00	3.92E-08	6.01E-09	0.00E+00	0.00E+00	0.00E+00	6.01E-09	2.57E-09	0.00E+00	0.00E+00	0.00E+00	2.57E-09
2267	462454.48	3772817.89	4.00E-08	0.00E+00	0.00E+00	0.00E+00	4.00E-08	6.13E-09	0.00E+00	0.00E+00	0.00E+00	6.13E-09	2.63E-09	0.00E+00	0.00E+00	0.00E+00	2.63E-09
2268	462458.17	3772808.8	4.08E-08	0.00E+00	0.00E+00	0.00E+00	4.08E-08	6.25E-09	0.00E+00	0.00E+00	0.00E+00	6.25E-09	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09
2269	462461.86	3772799.71	4.16E-08	0.00E+00	0.00E+00	0.00E+00	4.16E-08	6.36E-09	0.00E+00	0.00E+00	0.00E+00	6.36E-09	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09
2270	462465.54	3772790.61	4.23E-08	0.00E+00	0.00E+00	0.00E+00	4.23E-08	6.47E-09	0.00E+00	0.00E+00	0.00E+00	6.47E-09	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09
2271	462469.23	3772781.52	4.29E-08	0.00E+00	0.00E+00	0.00E+00	4.29E-08	6.57E-09	0.00E+00	0.00E+00	0.00E+00	6.57E-09	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09
2272	462472.92	3772772.43	4.35E-08	0.00E+00	0.00E+00	0.00E+00	4.35E-08	6.66E-09	0.00E+00	0.00E+00	0.00E+00	6.66E-09	2.86E-09	0.00E+00	0.00E+00	0.00E+00	2.86E-09
2273	462476.61	3772763.34	4.41E-08	0.00E+00	0.00E+00	0.00E+00	4.41E-08	6.74E-09	0.00E+00	0.00E+00	0.00E+00	6.74E-09	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09
2274	462480.3	3772754.24	4.45E-08	0.00E+00	0.00E+00	0.00E+00	4.45E-08	6.82E-09	0.00E+00	0.00E+00	0.00E+00	6.82E-09	2.92E-09	0.00E+00	0.00E+00	0.00E+00	2.92E-09
2275	462483.98	3772745.15	4.50E-08	0.00E+00	0.00E+00	0.00E+00	4.50E-08	6.88E-09	0.00E+00	0.00E+00	0.00E+00	6.88E-09	2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09
2276	462487.67	3772736.06	4.53E-08	0.00E+00	0.00E+00	0.00E+00	4.53E-08	6.94E-09	0.00E+00	0.00E+00	0.00E+00	6.94E-09	2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09

2277	462500.41	3772723.17	4.68E-08	0.00E+00	0.00E+00	0.00E+00	4.68E-08	7.17E-09	0.00E+00	0.00E+00	0.00E+00	7.17E-09	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09
2278	462509.46	3772719.38	4.80E-08	0.00E+00	0.00E+00	0.00E+00	4.80E-08	7.35E-09	0.00E+00	0.00E+00	0.00E+00	7.35E-09	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.15E-09
2279	462518.51	3772715.6	4.92E-08	0.00E+00	0.00E+00	0.00E+00	4.92E-08	7.52E-09	0.00E+00	0.00E+00	0.00E+00	7.52E-09	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09
2280	462527.56	3772711.81	5.02E-08	0.00E+00	0.00E+00	0.00E+00	5.02E-08	7.69E-09	0.00E+00	0.00E+00	0.00E+00	7.69E-09	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09
2281	462536.61	3772708.02	5.13E-08	0.00E+00	0.00E+00	0.00E+00	5.13E-08	7.85E-09	0.00E+00	0.00E+00	0.00E+00	7.85E-09	3.37E-09	0.00E+00	0.00E+00	0.00E+00	3.37E-09
2282	462545.67	3772704.23	5.23E-08	0.00E+00	0.00E+00	0.00E+00	5.23E-08	8.00E-09	0.00E+00	0.00E+00	0.00E+00	8.00E-09	3.43E-09	0.00E+00	0.00E+00	0.00E+00	3.43E-09
2283	462554.72	3772700.44	5.32E-08	0.00E+00	0.00E+00	0.00E+00	5.32E-08	8.14E-09	0.00E+00	0.00E+00	0.00E+00	8.14E-09	3.49E-09	0.00E+00	0.00E+00	0.00E+00	3.49E-09
2284	462563.77	3772696.65	5.40E-08	0.00E+00	0.00E+00	0.00E+00	5.40E-08	8.27E-09	0.00E+00	0.00E+00	0.00E+00	8.27E-09	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09
2285	462572.82	3772692.86	5.48E-08	0.00E+00	0.00E+00	0.00E+00	5.48E-08	8.38E-09	0.00E+00	0.00E+00	0.00E+00	8.38E-09	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09
2286	462581.87	3772689.07	5.54E-08	0.00E+00	0.00E+00	0.00E+00	5.54E-08	8.48E-09	0.00E+00	0.00E+00	0.00E+00	8.48E-09	3.64E-09	0.00E+00	0.00E+00	0.00E+00	3.64E-09
2287	462590.92	3772685.28	5.60E-08	0.00E+00	0.00E+00	0.00E+00	5.60E-08	8.57E-09	0.00E+00	0.00E+00	0.00E+00	8.57E-09	3.67E-09	0.00E+00	0.00E+00	0.00E+00	3.67E-09
2288	462627.12	3772670.12	5.71E-08	0.00E+00	0.00E+00	0.00E+00	5.71E-08	8.74E-09	0.00E+00	0.00E+00	0.00E+00	8.74E-09	3.75E-09	0.00E+00	0.00E+00	0.00E+00	3.75E-09
2289	462636.17	3772666.33	5.71E-08	0.00E+00	0.00E+00	0.00E+00	5.71E-08	8.74E-09	0.00E+00	0.00E+00	0.00E+00	8.74E-09	3.75E-09	0.00E+00	0.00E+00	0.00E+00	3.75E-09
2290	462645.22	3772662.54	5.70E-08	0.00E+00	0.00E+00	0.00E+00	5.70E-08	8.72E-09	0.00E+00	0.00E+00	0.00E+00	8.72E-09	3.74E-09	0.00E+00	0.00E+00	0.00E+00	3.74E-09
2291	462654.27	3772658.75	5.67E-08	0.00E+00	0.00E+00	0.00E+00	5.67E-08	8.68E-09	0.00E+00	0.00E+00	0.00E+00	8.68E-09	3.72E-09	0.00E+00	0.00E+00	0.00E+00	3.72E-09
2292	462663.33	3772654.96	5.64E-08	0.00E+00	0.00E+00	0.00E+00	5.64E-08	8.63E-09	0.00E+00	0.00E+00	0.00E+00	8.63E-09	3.70E-09	0.00E+00	0.00E+00	0.00E+00	3.70E-09
2293	462672.38	3772651.17	5.59E-08	0.00E+00	0.00E+00	0.00E+00	5.59E-08	8.56E-09	0.00E+00	0.00E+00	0.00E+00	8.56E-09	3.67E-09	0.00E+00	0.00E+00	0.00E+00	3.67E-09
2294	462681.43	3772647.38	5.53E-08	0.00E+00	0.00E+00	0.00E+00	5.53E-08	8.47E-09	0.00E+00	0.00E+00	0.00E+00	8.47E-09	3.63E-09	0.00E+00	0.00E+00	0.00E+00	3.63E-09
2295	462690.48	3772643.59	5.47E-08	0.00E+00	0.00E+00	0.00E+00	5.47E-08	8.37E-09	0.00E+00	0.00E+00	0.00E+00	8.37E-09	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09
2296	462699.53	3772639.8	5.39E-08	0.00E+00	0.00E+00	0.00E+00	5.39E-08	8.25E-09	0.00E+00	0.00E+00	0.00E+00	8.25E-09	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09
2297	462708.58	3772636.01	5.30E-08	0.00E+00	0.00E+00	0.00E+00	5.30E-08	8.11E-09	0.00E+00	0.00E+00	0.00E+00	8.11E-09	3.48E-09	0.00E+00	0.00E+00	0.00E+00	3.48E-09
2298	462717.63	3772632.22	5.20E-08	0.00E+00	0.00E+00	0.00E+00	5.20E-08	7.96E-09	0.00E+00	0.00E+00	0.00E+00	7.96E-09	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09
2299	462726.68	3772628.43	5.10E-08	0.00E+00	0.00E+00	0.00E+00	5.10E-08	7.80E-09	0.00E+00	0.00E+00	0.00E+00	7.80E-09	3.34E-09	0.00E+00	0.00E+00	0.00E+00	3.34E-09
2300	462735.73	3772624.64	4.98E-08	0.00E+00	0.00E+00	0.00E+00	4.98E-08	7.63E-09	0.00E+00	0.00E+00	0.00E+00	7.63E-09	3.27E-09	0.00E+00	0.00E+00	0.00E+00	3.27E-09
2301	462744.78	3772620.85	4.86E-08	0.00E+00	0.00E+00	0.00E+00	4.86E-08	7.45E-09	0.00E+00	0.00E+00	0.00E+00	7.45E-09	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.19E-09
2302	462753.83	3772617.06	4.74E-08	0.00E+00	0.00E+00	0.00E+00	4.74E-08	7.25E-09	0.00E+00	0.00E+00	0.00E+00	7.25E-09	3.11E-09	0.00E+00	0.00E+00	0.00E+00	3.11E-09
2303	462762.88	3772613.27	4.61E-08	0.00E+00	0.00E+00	0.00E+00	4.61E-08	7.05E-09	0.00E+00	0.00E+00	0.00E+00	7.05E-09	3.02E-09	0.00E+00	0.00E+00	0.00E+00	3.02E-09
2304	462771.93	3772609.48	4.47E-08	0.00E+00	0.00E+00	0.00E+00	4.47E-08	6.85E-09	0.00E+00	0.00E+00	0.00E+00	6.85E-09	2.94E-09	0.00E+00	0.00E+00	0.00E+00	2.94E-09
2305	462780.99	3772605.69	4.33E-08	0.00E+00	0.00E+00	0.00E+00	4.33E-08	6.64E-09	0.00E+00	0.00E+00	0.00E+00	6.64E-09	2.84E-09	0.00E+00	0.00E+00	0.00E+00	2.84E-09
2306	462790.04	3772601.9	4.19E-08	0.00E+00	0.00E+00	0.00E+00	4.19E-08	6.42E-09	0.00E+00	0.00E+00	0.00E+00	6.42E-09	2.75E-09	0.00E+00	0.00E+00	0.00E+00	2.75E-09
2307	462799.09	3772598.11	4.05E-08	0.00E+00	0.00E+00	0.00E+00	4.05E-08	6.20E-09	0.00E+00	0.00E+00	0.00E+00	6.20E-09	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09
2308	462808.14	3772594.32	3.91E-08	0.00E+00	0.00E+00	0.00E+00	3.91E-08	5.99E-09	0.00E+00	0.00E+00	0.00E+00	5.99E-09	2.57E-09	0.00E+00	0.00E+00	0.00E+00	2.57E-09
2309	462817.19	3772590.53	3.77E-08	0.00E+00	0.00E+00	0.00E+00	3.77E-08	5.77E-09	0.00E+00	0.00E+00	0.00E+00	5.77E-09	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09
2310	462826.24	3772586.74	3.63E-08	0.00E+00	0.00E+00	0.00E+00	3.63E-08	5.55E-09	0.00E+00	0.00E+00	0.00E+00	5.55E-09	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09
2311	462835.29	3772582.95	3.49E-08	0.00E+00	0.00E+00	0.00E+00	3.49E-08	5.34E-09	0.00E+00	0.00E+00	0.00E+00	5.34E-09	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09
2312	462844.34	3772579.16	3.35E-08	0.00E+00	0.00E+00	0.00E+00	3.35E-08	5.13E-09	0.00E+00	0.00E+00	0.00E+00	5.13E-09	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09
2313	462853.39	3772575.37	3.22E-08	0.00E+00	0.00E+00	0.00E+00	3.22E-08	4.93E-09	0.00E+00	0.00E+00	0.00E+00	4.93E-09	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09
2314	462862.44	3772571.58	3.09E-08	0.00E+00	0.00E+00	0.00E+00	3.09E-08	4.73E-09	0.00E+00	0.00E+00	0.00E+00	4.73E-09	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09
2315	462871.49	3772567.79	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08	4.53E-09	0.00E+00	0.00E+00	0.00E+00	4.53E-09	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09
2316	462880.54	3772564	2.84E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-08	4.35E-09	0.00E+00	0.00E+00	0.00E+00	4.35E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
2317	462889.59	3772560.21	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08	4.17E-09	0.00E+00	0.00E+00	0.00E+00	4.17E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09
2318	462898.65	3772556.42	2.61E-08	0.00E+00	0.00E+00	0.00E+00	2.61E-08	4.00E-09	0.00E+00	0.00E+00	0.00E+00	4.00E-09	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09
2319	462907.7	3772552.63	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
2320	462281.72	3773145.57	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
2321	462285.42	3773136.46	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	2.72E-09	0.00E+00	0.00E+00	0.00E+00	2.72E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
2322	462289.12	3773127.34	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08	2.75E-09	0.00E+00	0.00E+00	0.00E+00	2.75E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09
2323	462292.82	3773118.22	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	2.78E-09	0.00E+00	0.00E+00	0.00E+00	2.78E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
2324	462296.52	3773109.11	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
2325	462300.21	3773099.99	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	2.85E-09	0.00E+00	0.00E+00	0.00E+00	2.85E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
2326	462303.91	3773090.87	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	2.88E-09	0.00E+00	0.00E+00	0.00E+00	2.88E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
2327	462322.4	3773045.29	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	3.08E-09	0.00E+00	0.00E+00	0.00E+00	3.08E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09
2328	462326.1	3773036.17	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
2329	462329.8	3773027.05	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
2330	462333.49	3773017.93	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
2331	462337.19	3773008.82	2.14E-08	0.00E+00	0.00E+00	0.00E+00	2.14E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	3.28E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
2332	462340.89	3772999.7	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09
2333	462344.59	3772990.58	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08	3.39E-09	0.00E+00	0.00E+00	0.00E+00	3.39E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09

2334	462348.29	3772981.47	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08	3.45E-09	0.00E+00	0.00E+00	0.00E+00	3.45E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09
2335	462351.98	3772972.35	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
2336	462355.68	3772963.23	2.35E-08	0.00E+00	0.00E+00	0.00E+00	2.35E-08	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
2337	462359.38	3772954.12	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	3.67E-09	0.00E+00	0.00E+00	0.00E+00	3.67E-09	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09
2338	462363.08	3772945	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	3.75E-09	0.00E+00	0.00E+00	0.00E+00	3.75E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
2339	462366.77	3772935.88	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
2340	462374.17	3772917.65	2.62E-08	0.00E+00	0.00E+00	0.00E+00	2.62E-08	4.01E-09	0.00E+00	0.00E+00	0.00E+00	4.01E-09	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09
2341	462377.87	3772908.53	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08	4.10E-09	0.00E+00	0.00E+00	0.00E+00	4.10E-09	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09
2342	462381.57	3772899.41	2.75E-08	0.00E+00	0.00E+00	0.00E+00	2.75E-08	4.20E-09	0.00E+00	0.00E+00	0.00E+00	4.20E-09	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09
2343	462385.26	3772890.3	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08	4.31E-09	0.00E+00	0.00E+00	0.00E+00	4.31E-09	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09
2344	462388.96	3772881.18	2.88E-08	0.00E+00	0.00E+00	0.00E+00	2.88E-08	4.41E-09	0.00E+00	0.00E+00	0.00E+00	4.41E-09	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09
2345	462411.15	3772826.48	3.32E-08	0.00E+00	0.00E+00	0.00E+00	3.32E-08	5.09E-09	0.00E+00	0.00E+00	0.00E+00	5.09E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
2346	462414.85	3772817.36	3.40E-08	0.00E+00	0.00E+00	0.00E+00	3.40E-08	5.20E-09	0.00E+00	0.00E+00	0.00E+00	5.20E-09	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09
2347	462418.54	3772808.24	3.47E-08	0.00E+00	0.00E+00	0.00E+00	3.47E-08	5.31E-09	0.00E+00	0.00E+00	0.00E+00	5.31E-09	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09
2348	462422.24	3772799.13	3.54E-08	0.00E+00	0.00E+00	0.00E+00	3.54E-08	5.42E-09	0.00E+00	0.00E+00	0.00E+00	5.42E-09	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09
2349	462425.94	3772790.01	3.61E-08	0.00E+00	0.00E+00	0.00E+00	3.61E-08	5.52E-09	0.00E+00	0.00E+00	0.00E+00	5.52E-09	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09
2350	462429.64	3772780.89	3.67E-08	0.00E+00	0.00E+00	0.00E+00	3.67E-08	5.62E-09	0.00E+00	0.00E+00	0.00E+00	5.62E-09	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09
2351	462433.34	3772771.78	3.74E-08	0.00E+00	0.00E+00	0.00E+00	3.74E-08	5.72E-09	0.00E+00	0.00E+00	0.00E+00	5.72E-09	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09
2352	462437.03	3772762.66	3.79E-08	0.00E+00	0.00E+00	0.00E+00	3.79E-08	5.81E-09	0.00E+00	0.00E+00	0.00E+00	5.81E-09	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09
2353	462440.73	3772753.54	3.85E-08	0.00E+00	0.00E+00	0.00E+00	3.85E-08	5.89E-09	0.00E+00	0.00E+00	0.00E+00	5.89E-09	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09
2354	462444.43	3772744.42	3.90E-08	0.00E+00	0.00E+00	0.00E+00	3.90E-08	5.97E-09	0.00E+00	0.00E+00	0.00E+00	5.97E-09	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09
2355	462448.13	3772735.31	3.95E-08	0.00E+00	0.00E+00	0.00E+00	3.95E-08	6.04E-09	0.00E+00	0.00E+00	0.00E+00	6.04E-09	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09
2356	462451.82	3772726.19	3.99E-08	0.00E+00	0.00E+00	0.00E+00	3.99E-08	6.10E-09	0.00E+00	0.00E+00	0.00E+00	6.10E-09	2.62E-09	0.00E+00	0.00E+00	0.00E+00	2.62E-09
2357	462455.52	3772717.07	4.02E-08	0.00E+00	0.00E+00	0.00E+00	4.02E-08	6.16E-09	0.00E+00	0.00E+00	0.00E+00	6.16E-09	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09
2358	462459.22	3772707.96	4.05E-08	0.00E+00	0.00E+00	0.00E+00	4.05E-08	6.21E-09	0.00E+00	0.00E+00	0.00E+00	6.21E-09	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09
2359	462471.99	3772695.04	4.18E-08	0.00E+00	0.00E+00	0.00E+00	4.18E-08	6.40E-09	0.00E+00	0.00E+00	0.00E+00	6.40E-09	2.75E-09	0.00E+00	0.00E+00	0.00E+00	2.75E-09
2360	462481.07	3772691.24	4.28E-08	0.00E+00	0.00E+00	0.00E+00	4.28E-08	6.56E-09	0.00E+00	0.00E+00	0.00E+00	6.56E-09	2.81E-09	0.00E+00	0.00E+00	0.00E+00	2.81E-09
2361	462490.14	3772687.44	4.38E-08	0.00E+00	0.00E+00	0.00E+00	4.38E-08	6.71E-09	0.00E+00	0.00E+00	0.00E+00	6.71E-09	2.88E-09	0.00E+00	0.00E+00	0.00E+00	2.88E-09
2362	462499.22	3772683.64	4.48E-08	0.00E+00	0.00E+00	0.00E+00	4.48E-08	6.85E-09	0.00E+00	0.00E+00	0.00E+00	6.85E-09	2.94E-09	0.00E+00	0.00E+00	0.00E+00	2.94E-09
2363	462508.29	3772679.84	4.57E-08	0.00E+00	0.00E+00	0.00E+00	4.57E-08	6.99E-09	0.00E+00	0.00E+00	0.00E+00	6.99E-09	3.00E-09	0.00E+00	0.00E+00	0.00E+00	3.00E-09
2364	462517.37	3772676.04	4.65E-08	0.00E+00	0.00E+00	0.00E+00	4.65E-08	7.12E-09	0.00E+00	0.00E+00	0.00E+00	7.12E-09	3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.05E-09
2365	462526.44	3772672.24	4.73E-08	0.00E+00	0.00E+00	0.00E+00	4.73E-08	7.24E-09	0.00E+00	0.00E+00	0.00E+00	7.24E-09	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09
2366	462535.52	3772668.44	4.80E-08	0.00E+00	0.00E+00	0.00E+00	4.80E-08	7.35E-09	0.00E+00	0.00E+00	0.00E+00	7.35E-09	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.15E-09
2367	462544.59	3772664.64	4.87E-08	0.00E+00	0.00E+00	0.00E+00	4.87E-08	7.45E-09	0.00E+00	0.00E+00	0.00E+00	7.45E-09	3.20E-09	0.00E+00	0.00E+00	0.00E+00	3.20E-09
2368	462553.67	3772660.84	4.93E-08	0.00E+00	0.00E+00	0.00E+00	4.93E-08	7.54E-09	0.00E+00	0.00E+00	0.00E+00	7.54E-09	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09
2369	462562.74	3772657.04	4.98E-08	0.00E+00	0.00E+00	0.00E+00	4.98E-08	7.62E-09	0.00E+00	0.00E+00	0.00E+00	7.62E-09	3.27E-09	0.00E+00	0.00E+00	0.00E+00	3.27E-09
2370	462571.82	3772653.24	5.02E-08	0.00E+00	0.00E+00	0.00E+00	5.02E-08	7.69E-09	0.00E+00	0.00E+00	0.00E+00	7.69E-09	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09
2371	462580.89	3772649.44	5.06E-08	0.00E+00	0.00E+00	0.00E+00	5.06E-08	7.74E-09	0.00E+00	0.00E+00	0.00E+00	7.74E-09	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09
2372	462589.97	3772645.64	5.08E-08	0.00E+00	0.00E+00	0.00E+00	5.08E-08	7.78E-09	0.00E+00	0.00E+00	0.00E+00	7.78E-09	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09
2373	462599.04	3772641.84	5.10E-08	0.00E+00	0.00E+00	0.00E+00	5.10E-08	7.80E-09	0.00E+00	0.00E+00	0.00E+00	7.80E-09	3.35E-09	0.00E+00	0.00E+00	0.00E+00	3.35E-09
2374	462626.27	3772630.44	5.09E-08	0.00E+00	0.00E+00	0.00E+00	5.09E-08	7.79E-09	0.00E+00	0.00E+00	0.00E+00	7.79E-09	3.34E-09	0.00E+00	0.00E+00	0.00E+00	3.34E-09
2375	462635.34	3772626.64	5.07E-08	0.00E+00	0.00E+00	0.00E+00	5.07E-08	7.76E-09	0.00E+00	0.00E+00	0.00E+00	7.76E-09	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09
2376	462644.42	3772622.84	5.04E-08	0.00E+00	0.00E+00	0.00E+00	5.04E-08	7.71E-09	0.00E+00	0.00E+00	0.00E+00	7.71E-09	3.31E-09	0.00E+00	0.00E+00	0.00E+00	3.31E-09
2377	462653.49	3772619.04	5.00E-08	0.00E+00	0.00E+00	0.00E+00	5.00E-08	7.65E-09	0.00E+00	0.00E+00	0.00E+00	7.65E-09	3.28E-09	0.00E+00	0.00E+00	0.00E+00	3.28E-09
2378	462662.57	3772615.24	4.95E-08	0.00E+00	0.00E+00	0.00E+00	4.95E-08	7.58E-09	0.00E+00	0.00E+00	0.00E+00	7.58E-09	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09
2379	462671.64	3772611.44	4.89E-08	0.00E+00	0.00E+00	0.00E+00	4.89E-08	7.49E-09	0.00E+00	0.00E+00	0.00E+00	7.49E-09	3.21E-09	0.00E+00	0.00E+00	0.00E+00	3.21E-09
2380	462680.72	3772607.64	4.83E-08	0.00E+00	0.00E+00	0.00E+00	4.83E-08	7.39E-09	0.00E+00	0.00E+00	0.00E+00	7.39E-09	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09
2381	462689.79	3772603.84	4.75E-08	0.00E+00	0.00E+00	0.00E+00	4.75E-08	7.28E-09	0.00E+00	0.00E+00	0.00E+00	7.28E-09	3.12E-09	0.00E+00	0.00E+00	0.00E+00	3.12E-09
2382	462698.87	3772600.04	4.67E-08	0.00E+00	0.00E+00	0.00E+00	4.67E-08	7.16E-09	0.00E+00	0.00E+00	0.00E+00	7.16E-09	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09
2383	462707.94	3772596.24	4.59E-08	0.00E+00	0.00E+00	0.00E+00	4.59E-08	7.02E-09	0.00E+00	0.00E+00	0.00E+00	7.02E-09	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09
2384	462717.02	3772592.44	4.49E-08	0.00E+00	0.00E+00	0.00E+00	4.49E-08	6.88E-09	0.00E+00	0.00E+00	0.00E+00	6.88E-09	2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09
2385	462726.09	3772588.64	4.39E-08	0.00E+00	0.00E+00	0.00E+00	4.39E-08	6.72E-09	0.00E+00	0.00E+00	0.00E+00	6.72E-09	2.88E-09	0.00E+00	0.00E+00	0.00E+00	2.88E-09
2386	462735.17	3772584.84	4.29E-08	0.00E+00	0.00E+00	0.00E+00	4.29E-08	6.56E-09	0.00E+00	0.00E+00	0.00E+00	6.56E-09	2.81E-09	0.00E+00	0.00E+00	0.00E+00	2.81E-09
2387	462744.24	3772581.04	4.18E-08	0.00E+00	0.00E+00	0.00E+00	4.18E-08	6.40E-09	0.00E+00	0.00E+00	0.00E+00	6.40E-09	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09
2388	462753.32	3772577.24	4.07E-08	0.00E+00	0.00E+00	0.00E+00	4.07E-08	6.22E-09	0.00E+00	0.00E+00	0.00E+00	6.22E-09	2.67E-09	0.00E+00	0.00E+00	0.00E+00	2.67E-09
2389	462762.39	3772573.44	3.95E-08	0.00E+00	0.00E+00	0.00E+00	3.95E-08	6.05E-09	0.00E+00	0.00E+00	0.00E+00	6.05E-09	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09
2390	462771.46	3772569.64	3.83E-08	0.00E+00	0.00E+00	0.00E+00	3.83E-08	5.87E-09	0.00E+00	0.00E+00	0.00E+00	5.87E-09	2.51E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-09

2391	462780.54	3772565.84	3.71E-08	0.00E+00	0.00E+00	0.00E+00	3.71E-08	5.68E-09	0.00E+00	0.00E+00	0.00E+00	5.68E-09	2.44E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-09
2392	462789.61	3772562.04	3.59E-08	0.00E+00	0.00E+00	0.00E+00	3.59E-08	5.50E-09	0.00E+00	0.00E+00	0.00E+00	5.50E-09	2.36E-09	0.00E+00	0.00E+00	0.00E+00	2.36E-09
2393	462798.69	3772558.24	3.47E-08	0.00E+00	0.00E+00	0.00E+00	3.47E-08	5.31E-09	0.00E+00	0.00E+00	0.00E+00	5.31E-09	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09
2394	462807.76	3772554.44	3.35E-08	0.00E+00	0.00E+00	0.00E+00	3.35E-08	5.13E-09	0.00E+00	0.00E+00	0.00E+00	5.13E-09	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09
2395	462816.84	3772550.64	3.23E-08	0.00E+00	0.00E+00	0.00E+00	3.23E-08	4.94E-09	0.00E+00	0.00E+00	0.00E+00	4.94E-09	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09
2396	462825.91	3772546.84	3.11E-08	0.00E+00	0.00E+00	0.00E+00	3.11E-08	4.76E-09	0.00E+00	0.00E+00	0.00E+00	4.76E-09	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09
2397	462834.99	3772543.04	3.00E-08	0.00E+00	0.00E+00	0.00E+00	3.00E-08	4.59E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-09	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09
2398	462844.06	3772539.24	2.88E-08	0.00E+00	0.00E+00	0.00E+00	2.88E-08	4.41E-09	0.00E+00	0.00E+00	0.00E+00	4.41E-09	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09
2399	462853.14	3772535.44	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08	4.24E-09	0.00E+00	0.00E+00	0.00E+00	4.24E-09	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09
2400	462862.21	3772531.64	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	4.08E-09	0.00E+00	0.00E+00	0.00E+00	4.08E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
2401	462871.29	3772527.84	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	3.92E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-09	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09
2402	462880.36	3772524.04	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
2403	462889.44	3772520.24	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.61E-09	0.00E+00	0.00E+00	0.00E+00	3.61E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
2404	462898.51	3772516.44	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	3.47E-09	0.00E+00	0.00E+00	0.00E+00	3.47E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
2405	462907.59	3772512.64	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	3.34E-09	0.00E+00	0.00E+00	0.00E+00	3.34E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09
2406	462278.03	3773154.69	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	2.65E-09	0.00E+00	0.00E+00	0.00E+00	2.65E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
2407	462278.12	3773164.65	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
2408	462278.21	3773174.6	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
2409	462278.3	3773184.56	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	2.63E-09	0.00E+00	0.00E+00	0.00E+00	2.63E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
2410	462278.39	3773194.51	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	2.63E-09	0.00E+00	0.00E+00	0.00E+00	2.63E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
2411	462278.48	3773204.47	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	2.62E-09	0.00E+00	0.00E+00	0.00E+00	2.62E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
2412	462278.57	3773214.42	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	2.61E-09	0.00E+00	0.00E+00	0.00E+00	2.61E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
2413	462278.66	3773224.38	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	2.61E-09	0.00E+00	0.00E+00	0.00E+00	2.61E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
2414	462278.75	3773234.33	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	2.61E-09	0.00E+00	0.00E+00	0.00E+00	2.61E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
2415	462278.85	3773244.29	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
2416	462241.73	3773145.92	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
2417	462245.44	3773136.78	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.44E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
2418	462249.15	3773127.64	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09
2419	462252.85	3773118.5	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
2420	462256.56	3773109.36	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
2421	462260.27	3773100.22	1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
2422	462263.97	3773091.09	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
2423	462267.68	3773081.95	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	2.61E-09	0.00E+00	0.00E+00	0.00E+00	2.61E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
2424	462271.39	3773072.81	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
2425	462275.09	3773063.67	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	2.67E-09	0.00E+00	0.00E+00	0.00E+00	2.67E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
2426	462278.8	3773054.53	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	2.70E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
2427	462282.51	3773045.39	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
2428	462286.21	3773036.26	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
2429	462289.92	3773027.12	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	2.81E-09	0.00E+00	0.00E+00	0.00E+00	2.81E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
2430	462293.63	3773017.98	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	2.85E-09	0.00E+00	0.00E+00	0.00E+00	2.85E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
2431	462297.33	3773008.84	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
2432	462301.04	3772999.7	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08	2.94E-09	0.00E+00	0.00E+00	0.00E+00	2.94E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
2433	462304.75	3772990.56	1.95E-08	0.00E+00	0.00E+00	0.00E+00	1.95E-08	2.98E-09	0.00E+00	0.00E+00	0.00E+00	2.98E-09	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09
2434	462323.28	3772944.87	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.26E-09	0.00E+00	0.00E+00	0.00E+00	3.26E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
2435	462326.99	3772935.73	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
2436	462334.4	3772917.45	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08	3.46E-09	0.00E+00	0.00E+00	0.00E+00	3.46E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09
2437	462338.11	3772908.32	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.31E-08	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
2438	462341.81	3772899.18	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.62E-09	0.00E+00	0.00E+00	0.00E+00	3.62E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
2439	462345.52	3772890.04	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	3.70E-09	0.00E+00	0.00E+00	0.00E+00	3.70E-09	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09
2440	462349.22	3772880.9	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	3.78E-09	0.00E+00	0.00E+00	0.00E+00	3.78E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09
2441	462371.46	3772826.07	2.84E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-08	4.34E-09	0.00E+00	0.00E+00	0.00E+00	4.34E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
2442	462375.17	3772816.93	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08	4.44E-09	0.00E+00	0.00E+00	0.00E+00	4.44E-09	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09
2443	462378.88	3772807.79	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08	4.54E-09	0.00E+00	0.00E+00	0.00E+00	4.54E-09	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09
2444	462382.58	3772798.65	3.03E-08	0.00E+00	0.00E+00	0.00E+00	3.03E-08	4.63E-09	0.00E+00	0.00E+00	0.00E+00	4.63E-09	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09
2445	462386.29	3772789.52	3.09E-08	0.00E+00	0.00E+00	0.00E+00	3.09E-08	4.73E-09	0.00E+00	0.00E+00	0.00E+00	4.73E-09	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09
2446	462390	3772780.38	3.15E-08	0.00E+00	0.00E+00	0.00E+00	3.15E-08	4.83E-09	0.00E+00	0.00E+00	0.00E+00	4.83E-09	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09
2447	462393.7	3772771.24	3.21E-08	0.00E+00	0.00E+00	0.00E+00	3.21E-08	4.92E-09	0.00E+00	0.00E+00	0.00E+00	4.92E-09	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09

2448	462397.41	3772762.1	3.27E-08	0.00E+00	0.00E+00	0.00E+00	3.27E-08	5.01E-09	0.00E+00	0.00E+00	0.00E+00	5.01E-09	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09
2449	462401.12	3772752.96	3.33E-08	0.00E+00	0.00E+00	0.00E+00	3.33E-08	5.09E-09	0.00E+00	0.00E+00	0.00E+00	5.09E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
2450	462404.82	3772743.82	3.38E-08	0.00E+00	0.00E+00	0.00E+00	3.38E-08	5.17E-09	0.00E+00	0.00E+00	0.00E+00	5.17E-09	2.22E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-09
2451	462408.53	3772734.68	3.43E-08	0.00E+00	0.00E+00	0.00E+00	3.43E-08	5.25E-09	0.00E+00	0.00E+00	0.00E+00	5.25E-09	2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09
2452	462412.24	3772725.55	3.48E-08	0.00E+00	0.00E+00	0.00E+00	3.48E-08	5.32E-09	0.00E+00	0.00E+00	0.00E+00	5.32E-09	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09
2453	462415.94	3772716.41	3.52E-08	0.00E+00	0.00E+00	0.00E+00	3.52E-08	5.39E-09	0.00E+00	0.00E+00	0.00E+00	5.39E-09	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09
2454	462419.65	3772707.27	3.56E-08	0.00E+00	0.00E+00	0.00E+00	3.56E-08	5.45E-09	0.00E+00	0.00E+00	0.00E+00	5.45E-09	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09
2455	462423.36	3772698.13	3.60E-08	0.00E+00	0.00E+00	0.00E+00	3.60E-08	5.50E-09	0.00E+00	0.00E+00	0.00E+00	5.50E-09	2.36E-09	0.00E+00	0.00E+00	0.00E+00	2.36E-09
2456	462427.06	3772688.99	3.63E-08	0.00E+00	0.00E+00	0.00E+00	3.63E-08	5.55E-09	0.00E+00	0.00E+00	0.00E+00	5.55E-09	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09
2457	462430.77	3772679.85	3.65E-08	0.00E+00	0.00E+00	0.00E+00	3.65E-08	5.59E-09	0.00E+00	0.00E+00	0.00E+00	5.59E-09	2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09
2458	462443.57	3772666.91	3.77E-08	0.00E+00	0.00E+00	0.00E+00	3.77E-08	5.76E-09	0.00E+00	0.00E+00	0.00E+00	5.76E-09	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09
2459	462452.67	3772663.1	3.85E-08	0.00E+00	0.00E+00	0.00E+00	3.85E-08	5.90E-09	0.00E+00	0.00E+00	0.00E+00	5.90E-09	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09
2460	462461.76	3772659.29	3.94E-08	0.00E+00	0.00E+00	0.00E+00	3.94E-08	6.03E-09	0.00E+00	0.00E+00	0.00E+00	6.03E-09	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09
2461	462470.86	3772655.48	4.02E-08	0.00E+00	0.00E+00	0.00E+00	4.02E-08	6.15E-09	0.00E+00	0.00E+00	0.00E+00	6.15E-09	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09
2462	462479.96	3772651.67	4.10E-08	0.00E+00	0.00E+00	0.00E+00	4.10E-08	6.27E-09	0.00E+00	0.00E+00	0.00E+00	6.27E-09	2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09
2463	462489.05	3772647.86	4.17E-08	0.00E+00	0.00E+00	0.00E+00	4.17E-08	6.38E-09	0.00E+00	0.00E+00	0.00E+00	6.38E-09	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09
2464	462498.15	3772644.05	4.24E-08	0.00E+00	0.00E+00	0.00E+00	4.24E-08	6.49E-09	0.00E+00	0.00E+00	0.00E+00	6.49E-09	2.78E-09	0.00E+00	0.00E+00	0.00E+00	2.78E-09
2465	462507.25	3772640.24	4.30E-08	0.00E+00	0.00E+00	0.00E+00	4.30E-08	6.59E-09	0.00E+00	0.00E+00	0.00E+00	6.59E-09	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09
2466	462516.34	3772636.43	4.36E-08	0.00E+00	0.00E+00	0.00E+00	4.36E-08	6.68E-09	0.00E+00	0.00E+00	0.00E+00	6.68E-09	2.86E-09	0.00E+00	0.00E+00	0.00E+00	2.86E-09
2467	462525.44	3772632.63	4.42E-08	0.00E+00	0.00E+00	0.00E+00	4.42E-08	6.76E-09	0.00E+00	0.00E+00	0.00E+00	6.76E-09	2.90E-09	0.00E+00	0.00E+00	0.00E+00	2.90E-09
2468	462534.53	3772628.82	4.46E-08	0.00E+00	0.00E+00	0.00E+00	4.46E-08	6.83E-09	0.00E+00	0.00E+00	0.00E+00	6.83E-09	2.93E-09	0.00E+00	0.00E+00	0.00E+00	2.93E-09
2469	462543.63	3772625.01	4.50E-08	0.00E+00	0.00E+00	0.00E+00	4.50E-08	6.89E-09	0.00E+00	0.00E+00	0.00E+00	6.89E-09	2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09
2470	462552.73	3772621.2	4.54E-08	0.00E+00	0.00E+00	0.00E+00	4.54E-08	6.94E-09	0.00E+00	0.00E+00	0.00E+00	6.94E-09	2.98E-09	0.00E+00	0.00E+00	0.00E+00	2.98E-09
2471	462561.82	3772617.39	4.56E-08	0.00E+00	0.00E+00	0.00E+00	4.56E-08	6.98E-09	0.00E+00	0.00E+00	0.00E+00	6.98E-09	2.99E-09	0.00E+00	0.00E+00	0.00E+00	2.99E-09
2472	462570.92	3772613.58	4.58E-08	0.00E+00	0.00E+00	0.00E+00	4.58E-08	7.01E-09	0.00E+00	0.00E+00	0.00E+00	7.01E-09	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09
2473	462580.02	3772609.77	4.59E-08	0.00E+00	0.00E+00	0.00E+00	4.59E-08	7.03E-09	0.00E+00	0.00E+00	0.00E+00	7.03E-09	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09
2474	462589.11	3772605.96	4.60E-08	0.00E+00	0.00E+00	0.00E+00	4.60E-08	7.04E-09	0.00E+00	0.00E+00	0.00E+00	7.04E-09	3.02E-09	0.00E+00	0.00E+00	0.00E+00	3.02E-09
2475	462598.21	3772602.15	4.59E-08	0.00E+00	0.00E+00	0.00E+00	4.59E-08	7.03E-09	0.00E+00	0.00E+00	0.00E+00	7.03E-09	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09
2476	462625.5	3772590.73	4.53E-08	0.00E+00	0.00E+00	0.00E+00	4.53E-08	6.94E-09	0.00E+00	0.00E+00	0.00E+00	6.94E-09	2.98E-09	0.00E+00	0.00E+00	0.00E+00	2.98E-09
2477	462634.59	3772586.92	4.50E-08	0.00E+00	0.00E+00	0.00E+00	4.50E-08	6.89E-09	0.00E+00	0.00E+00	0.00E+00	6.89E-09	2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09
2478	462643.69	3772583.11	4.46E-08	0.00E+00	0.00E+00	0.00E+00	4.46E-08	6.83E-09	0.00E+00	0.00E+00	0.00E+00	6.83E-09	2.93E-09	0.00E+00	0.00E+00	0.00E+00	2.93E-09
2479	462652.79	3772579.3	4.41E-08	0.00E+00	0.00E+00	0.00E+00	4.41E-08	6.75E-09	0.00E+00	0.00E+00	0.00E+00	6.75E-09	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09
2480	462661.88	3772575.49	4.35E-08	0.00E+00	0.00E+00	0.00E+00	4.35E-08	6.67E-09	0.00E+00	0.00E+00	0.00E+00	6.67E-09	2.86E-09	0.00E+00	0.00E+00	0.00E+00	2.86E-09
2481	462670.98	3772571.68	4.29E-08	0.00E+00	0.00E+00	0.00E+00	4.29E-08	6.57E-09	0.00E+00	0.00E+00	0.00E+00	6.57E-09	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09
2482	462680.08	3772567.87	4.22E-08	0.00E+00	0.00E+00	0.00E+00	4.22E-08	6.47E-09	0.00E+00	0.00E+00	0.00E+00	6.47E-09	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09
2483	462689.17	3772564.06	4.15E-08	0.00E+00	0.00E+00	0.00E+00	4.15E-08	6.35E-09	0.00E+00	0.00E+00	0.00E+00	6.35E-09	2.72E-09	0.00E+00	0.00E+00	0.00E+00	2.72E-09
2484	462698.27	3772560.26	4.07E-08	0.00E+00	0.00E+00	0.00E+00	4.07E-08	6.23E-09	0.00E+00	0.00E+00	0.00E+00	6.23E-09	2.67E-09	0.00E+00	0.00E+00	0.00E+00	2.67E-09
2485	462707.36	3772556.45	3.99E-08	0.00E+00	0.00E+00	0.00E+00	3.99E-08	6.11E-09	0.00E+00	0.00E+00	0.00E+00	6.11E-09	2.62E-09	0.00E+00	0.00E+00	0.00E+00	2.62E-09
2486	462716.46	3772552.64	3.90E-08	0.00E+00	0.00E+00	0.00E+00	3.90E-08	5.97E-09	0.00E+00	0.00E+00	0.00E+00	5.97E-09	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09
2487	462725.56	3772548.83	3.81E-08	0.00E+00	0.00E+00	0.00E+00	3.81E-08	5.83E-09	0.00E+00	0.00E+00	0.00E+00	5.83E-09	2.50E-09	0.00E+00	0.00E+00	0.00E+00	2.50E-09
2488	462734.65	3772545.02	3.71E-08	0.00E+00	0.00E+00	0.00E+00	3.71E-08	5.68E-09	0.00E+00	0.00E+00	0.00E+00	5.68E-09	2.44E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-09
2489	462743.75	3772541.21	3.62E-08	0.00E+00	0.00E+00	0.00E+00	3.62E-08	5.53E-09	0.00E+00	0.00E+00	0.00E+00	5.53E-09	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09
2490	462752.85	3772537.4	3.51E-08	0.00E+00	0.00E+00	0.00E+00	3.51E-08	5.38E-09	0.00E+00	0.00E+00	0.00E+00	5.38E-09	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09
2491	462761.94	3772533.59	3.41E-08	0.00E+00	0.00E+00	0.00E+00	3.41E-08	5.22E-09	0.00E+00	0.00E+00	0.00E+00	5.22E-09	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09
2492	462771.04	3772529.78	3.31E-08	0.00E+00	0.00E+00	0.00E+00	3.31E-08	5.07E-09	0.00E+00	0.00E+00	0.00E+00	5.07E-09	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09
2493	462780.14	3772525.98	3.21E-08	0.00E+00	0.00E+00	0.00E+00	3.21E-08	4.91E-09	0.00E+00	0.00E+00	0.00E+00	4.91E-09	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09
2494	462789.23	3772522.17	3.10E-08	0.00E+00	0.00E+00	0.00E+00	3.10E-08	4.75E-09	0.00E+00	0.00E+00	0.00E+00	4.75E-09	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09
2495	462798.33	3772518.36	3.00E-08	0.00E+00	0.00E+00	0.00E+00	3.00E-08	4.59E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-09	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09
2496	462807.42	3772514.55	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08	4.43E-09	0.00E+00	0.00E+00	0.00E+00	4.43E-09	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09
2497	462816.52	3772510.74	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	4.28E-09	0.00E+00	0.00E+00	0.00E+00	4.28E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
2498	462825.62	3772506.93	2.69E-08	0.00E+00	0.00E+00	0.00E+00	2.69E-08	4.13E-09	0.00E+00	0.00E+00	0.00E+00	4.13E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09
2499	462834.71	3772503.12	2.60E-08	0.00E+00	0.00E+00	0.00E+00	2.60E-08	3.98E-09	0.00E+00	0.00E+00	0.00E+00	3.98E-09	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09
2500	462843.81	3772499.31	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
2501	462852.91	3772495.5	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	3.69E-09	0.00E+00	0.00E+00	0.00E+00	3.69E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
2502	462862	3772491.7	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	3.55E-09	0.00E+00	0.00E+00	0.00E+00	3.55E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
2503	462871.1	3772487.89	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	3.42E-09	0.00E+00	0.00E+00	0.00E+00	3.42E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
2504	462880.19	3772484.08	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09

2505	462889.29	3772480.27	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.16E-09	0.00E+00	0.00E+00	0.00E+00	3.16E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
2506	462898.39	3772476.46	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.05E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09
2507	462238.03	3773155.06	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
2508	462238.12	3773165.01	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
2509	462238.21	3773174.97	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
2510	462238.3	3773184.92	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
2511	462238.39	3773194.88	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08	2.36E-09	0.00E+00	0.00E+00	0.00E+00	2.36E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
2512	462238.48	3773204.83	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08	2.35E-09	0.00E+00	0.00E+00	0.00E+00	2.35E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
2513	462238.57	3773214.79	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.35E-09	0.00E+00	0.00E+00	0.00E+00	2.35E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
2514	462238.67	3773224.74	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.35E-09	0.00E+00	0.00E+00	0.00E+00	2.35E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
2515	462238.76	3773234.7	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09
2516	462238.85	3773244.65	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09
2517	462201.74	3773146.26	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09	9.33E-10	0.00E+00	0.00E+00	0.00E+00	9.33E-10
2518	462224.03	3773091.32	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09	9.96E-10	0.00E+00	0.00E+00	0.00E+00	9.96E-10
2519	462227.74	3773082.16	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.35E-09	0.00E+00	0.00E+00	0.00E+00	2.35E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
2520	462231.46	3773073	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
2521	462235.17	3773063.84	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
2522	462238.89	3773054.69	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.43E-09	0.00E+00	0.00E+00	0.00E+00	2.43E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
2523	462242.6	3773045.53	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
2524	462246.32	3773036.37	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
2525	462250.03	3773027.21	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
2526	462253.75	3773018.06	1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
2527	462257.46	3773008.9	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
2528	462261.17	3772999.74	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	2.62E-09	0.00E+00	0.00E+00	0.00E+00	2.62E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
2529	462264.89	3772990.58	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	2.65E-09	0.00E+00	0.00E+00	0.00E+00	2.65E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
2530	462268.6	3772981.42	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
2531	462272.32	3772972.27	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
2532	462276.03	3772963.11	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	2.78E-09	0.00E+00	0.00E+00	0.00E+00	2.78E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
2533	462279.75	3772953.95	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
2534	462283.46	3772944.79	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
2535	462287.17	3772935.64	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	2.92E-09	0.00E+00	0.00E+00	0.00E+00	2.92E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
2536	462294.6	3772917.32	1.98E-08	0.00E+00	0.00E+00	0.00E+00	1.98E-08	3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.03E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09
2537	462298.32	3772908.16	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08	3.09E-09	0.00E+00	0.00E+00	0.00E+00	3.09E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09
2538	462302.03	3772899.01	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.15E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09
2539	462305.75	3772889.85	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
2540	462309.46	3772880.69	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	3.28E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
2541	462331.75	3772825.74	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	3.74E-09	0.00E+00	0.00E+00	0.00E+00	3.74E-09	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09
2542	462335.46	3772816.59	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
2543	462339.17	3772807.43	2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08	3.91E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-09	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09
2544	462342.89	3772798.27	2.61E-08	0.00E+00	0.00E+00	0.00E+00	2.61E-08	3.99E-09	0.00E+00	0.00E+00	0.00E+00	3.99E-09	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09
2545	462346.6	3772789.11	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08	4.08E-09	0.00E+00	0.00E+00	0.00E+00	4.08E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
2546	462350.32	3772779.96	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08	4.16E-09	0.00E+00	0.00E+00	0.00E+00	4.16E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09
2547	462354.03	3772770.8	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08	4.25E-09	0.00E+00	0.00E+00	0.00E+00	4.25E-09	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09
2548	462357.75	3772761.64	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
2549	462361.46	3772752.48	2.88E-08	0.00E+00	0.00E+00	0.00E+00	2.88E-08	4.41E-09	0.00E+00	0.00E+00	0.00E+00	4.41E-09	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09
2550	462365.18	3772743.32	2.93E-08	0.00E+00	0.00E+00	0.00E+00	2.93E-08	4.49E-09	0.00E+00	0.00E+00	0.00E+00	4.49E-09	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09
2551	462368.89	3772734.17	2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08	4.57E-09	0.00E+00	0.00E+00	0.00E+00	4.57E-09	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09
2552	462372.6	3772725.01	3.03E-08	0.00E+00	0.00E+00	0.00E+00	3.03E-08	4.64E-09	0.00E+00	0.00E+00	0.00E+00	4.64E-09	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09
2553	462376.32	3772715.85	3.08E-08	0.00E+00	0.00E+00	0.00E+00	3.08E-08	4.71E-09	0.00E+00	0.00E+00	0.00E+00	4.71E-09	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09
2554	462380.03	3772706.69	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08	4.78E-09	0.00E+00	0.00E+00	0.00E+00	4.78E-09	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09
2555	462383.75	3772697.54	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	4.84E-09	0.00E+00	0.00E+00	0.00E+00	4.84E-09	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09
2556	462387.46	3772688.38	3.20E-08	0.00E+00	0.00E+00	0.00E+00	3.20E-08	4.90E-09	0.00E+00	0.00E+00	0.00E+00	4.90E-09	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09
2557	462391.18	3772679.22	3.23E-08	0.00E+00	0.00E+00	0.00E+00	3.23E-08	4.95E-09	0.00E+00	0.00E+00	0.00E+00	4.95E-09	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09
2558	462394.89	3772670.06	3.26E-08	0.00E+00	0.00E+00	0.00E+00	3.26E-08	5.00E-09	0.00E+00	0.00E+00	0.00E+00	5.00E-09	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09
2559	462398.6	3772660.9	3.29E-08	0.00E+00	0.00E+00	0.00E+00	3.29E-08	5.04E-09	0.00E+00	0.00E+00	0.00E+00	5.04E-09	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-09
2560	462402.32	3772651.75	3.31E-08	0.00E+00	0.00E+00	0.00E+00	3.31E-08	5.07E-09	0.00E+00	0.00E+00	0.00E+00	5.07E-09	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09
2561	462415.15	3772638.77	3.41E-08	0.00E+00	0.00E+00	0.00E+00	3.41E-08	5.22E-09	0.00E+00	0.00E+00	0.00E+00	5.22E-09	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09

2562	462424.26	3772634.96	3.49E-08	0.00E+00	0.00E+00	0.00E+00	3.49E-08	5.34E-09	0.00E+00	0.00E+00	0.00E+00	5.34E-09	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09
2563	462433.38	3772631.14	3.56E-08	0.00E+00	0.00E+00	0.00E+00	3.56E-08	5.45E-09	0.00E+00	0.00E+00	0.00E+00	5.45E-09	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09
2564	462478.96	3772612.05	3.88E-08	0.00E+00	0.00E+00	0.00E+00	3.88E-08	5.94E-09	0.00E+00	0.00E+00	0.00E+00	5.94E-09	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09
2565	462488.07	3772608.24	3.93E-08	0.00E+00	0.00E+00	0.00E+00	3.93E-08	6.02E-09	0.00E+00	0.00E+00	0.00E+00	6.02E-09	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09
2566	462497.19	3772604.42	3.98E-08	0.00E+00	0.00E+00	0.00E+00	3.98E-08	6.09E-09	0.00E+00	0.00E+00	0.00E+00	6.09E-09	2.61E-09	0.00E+00	0.00E+00	0.00E+00	2.61E-09
2567	462506.3	3772600.6	4.02E-08	0.00E+00	0.00E+00	0.00E+00	4.02E-08	6.16E-09	0.00E+00	0.00E+00	0.00E+00	6.16E-09	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09
2568	462515.42	3772596.79	4.06E-08	0.00E+00	0.00E+00	0.00E+00	4.06E-08	6.22E-09	0.00E+00	0.00E+00	0.00E+00	6.22E-09	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09
2569	462524.53	3772592.97	4.09E-08	0.00E+00	0.00E+00	0.00E+00	4.09E-08	6.26E-09	0.00E+00	0.00E+00	0.00E+00	6.26E-09	2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09
2570	462533.65	3772589.15	4.12E-08	0.00E+00	0.00E+00	0.00E+00	4.12E-08	6.31E-09	0.00E+00	0.00E+00	0.00E+00	6.31E-09	2.70E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-09
2571	462542.76	3772585.34	4.14E-08	0.00E+00	0.00E+00	0.00E+00	4.14E-08	6.34E-09	0.00E+00	0.00E+00	0.00E+00	6.34E-09	2.72E-09	0.00E+00	0.00E+00	0.00E+00	2.72E-09
2572	462551.88	3772581.52	4.15E-08	0.00E+00	0.00E+00	0.00E+00	4.15E-08	6.36E-09	0.00E+00	0.00E+00	0.00E+00	6.36E-09	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09
2573	462560.99	3772577.7	4.16E-08	0.00E+00	0.00E+00	0.00E+00	4.16E-08	6.37E-09	0.00E+00	0.00E+00	0.00E+00	6.37E-09	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09
2574	462570.11	3772573.88	4.16E-08	0.00E+00	0.00E+00	0.00E+00	4.16E-08	6.37E-09	0.00E+00	0.00E+00	0.00E+00	6.37E-09	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09
2575	462579.23	3772570.07	4.16E-08	0.00E+00	0.00E+00	0.00E+00	4.16E-08	6.36E-09	0.00E+00	0.00E+00	0.00E+00	6.36E-09	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09
2576	462588.34	3772566.25	4.15E-08	0.00E+00	0.00E+00	0.00E+00	4.15E-08	6.35E-09	0.00E+00	0.00E+00	0.00E+00	6.35E-09	2.72E-09	0.00E+00	0.00E+00	0.00E+00	2.72E-09
2577	462597.46	3772562.43	4.13E-08	0.00E+00	0.00E+00	0.00E+00	4.13E-08	6.32E-09	0.00E+00	0.00E+00	0.00E+00	6.32E-09	2.71E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-09
2578	462633.92	3772547.17	4.00E-08	0.00E+00	0.00E+00	0.00E+00	4.00E-08	6.12E-09	0.00E+00	0.00E+00	0.00E+00	6.12E-09	2.62E-09	0.00E+00	0.00E+00	0.00E+00	2.62E-09
2579	462643.03	3772543.35	3.95E-08	0.00E+00	0.00E+00	0.00E+00	3.95E-08	6.05E-09	0.00E+00	0.00E+00	0.00E+00	6.05E-09	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09
2580	462652.15	3772539.53	3.90E-08	0.00E+00	0.00E+00	0.00E+00	3.90E-08	5.97E-09	0.00E+00	0.00E+00	0.00E+00	5.97E-09	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09
2581	462661.26	3772535.72	3.84E-08	0.00E+00	0.00E+00	0.00E+00	3.84E-08	5.88E-09	0.00E+00	0.00E+00	0.00E+00	5.88E-09	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09
2582	462670.38	3772531.9	3.78E-08	0.00E+00	0.00E+00	0.00E+00	3.78E-08	5.78E-09	0.00E+00	0.00E+00	0.00E+00	5.78E-09	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09
2583	462679.5	3772528.08	3.71E-08	0.00E+00	0.00E+00	0.00E+00	3.71E-08	5.68E-09	0.00E+00	0.00E+00	0.00E+00	5.68E-09	2.44E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-09
2584	462688.61	3772524.26	3.64E-08	0.00E+00	0.00E+00	0.00E+00	3.64E-08	5.57E-09	0.00E+00	0.00E+00	0.00E+00	5.57E-09	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09
2585	462697.73	3772520.45	3.57E-08	0.00E+00	0.00E+00	0.00E+00	3.57E-08	5.46E-09	0.00E+00	0.00E+00	0.00E+00	5.46E-09	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09
2586	462706.84	3772516.63	3.49E-08	0.00E+00	0.00E+00	0.00E+00	3.49E-08	5.34E-09	0.00E+00	0.00E+00	0.00E+00	5.34E-09	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09
2587	462715.96	3772512.81	3.41E-08	0.00E+00	0.00E+00	0.00E+00	3.41E-08	5.21E-09	0.00E+00	0.00E+00	0.00E+00	5.21E-09	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09
2588	462725.07	3772509	3.32E-08	0.00E+00	0.00E+00	0.00E+00	3.32E-08	5.09E-09	0.00E+00	0.00E+00	0.00E+00	5.09E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
2589	462734.19	3772505.18	3.24E-08	0.00E+00	0.00E+00	0.00E+00	3.24E-08	4.96E-09	0.00E+00	0.00E+00	0.00E+00	4.96E-09	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09
2590	462743.3	3772501.36	3.15E-08	0.00E+00	0.00E+00	0.00E+00	3.15E-08	4.82E-09	0.00E+00	0.00E+00	0.00E+00	4.82E-09	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09
2591	462752.42	3772497.55	3.06E-08	0.00E+00	0.00E+00	0.00E+00	3.06E-08	4.69E-09	0.00E+00	0.00E+00	0.00E+00	4.69E-09	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09
2592	462761.53	3772493.73	2.97E-08	0.00E+00	0.00E+00	0.00E+00	2.97E-08	4.55E-09	0.00E+00	0.00E+00	0.00E+00	4.55E-09	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09
2593	462770.65	3772489.91	2.88E-08	0.00E+00	0.00E+00	0.00E+00	2.88E-08	4.41E-09	0.00E+00	0.00E+00	0.00E+00	4.41E-09	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09
2594	462779.77	3772486.1	2.79E-08	0.00E+00	0.00E+00	0.00E+00	2.79E-08	4.28E-09	0.00E+00	0.00E+00	0.00E+00	4.28E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
2595	462788.88	3772482.28	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	4.14E-09	0.00E+00	0.00E+00	0.00E+00	4.14E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09
2596	462798	3772478.46	2.61E-08	0.00E+00	0.00E+00	0.00E+00	2.61E-08	4.00E-09	0.00E+00	0.00E+00	0.00E+00	4.00E-09	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09
2597	462807.11	3772474.64	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.87E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
2598	462880.03	3772444.11	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	2.90E-09	0.00E+00	0.00E+00	0.00E+00	2.90E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
2599	462889.15	3772440.29	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	2.80E-09	0.00E+00	0.00E+00	0.00E+00	2.80E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
2600	462898.27	3772436.48	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	2.70E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
2601	462907.38	3772432.66	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
2602	462198.03	3773155.42	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09	9.22E-10	0.00E+00	0.00E+00	0.00E+00	9.22E-10
2603	462198.12	3773165.38	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09	9.20E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-10
2604	462198.21	3773175.33	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09	9.18E-10	0.00E+00	0.00E+00	0.00E+00	9.18E-10
2605	462198.3	3773185.29	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09	9.16E-10	0.00E+00	0.00E+00	0.00E+00	9.16E-10
2606	462198.39	3773195.24	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.13E-09	0.00E+00	0.00E+00	0.00E+00	2.13E-09	9.14E-10	0.00E+00	0.00E+00	0.00E+00	9.14E-10
2607	462198.49	3773205.2	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.13E-09	0.00E+00	0.00E+00	0.00E+00	2.13E-09	9.13E-10	0.00E+00	0.00E+00	0.00E+00	9.13E-10
2608	462161.75	3773146.61	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09	8.51E-10	0.00E+00	0.00E+00	0.00E+00	8.51E-10
2609	462165.47	3773137.44	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09	8.59E-10	0.00E+00	0.00E+00	0.00E+00	8.59E-10
2610	462169.2	3773128.26	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09	8.67E-10	0.00E+00	0.00E+00	0.00E+00	8.67E-10
2611	462180.36	3773100.74	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09	8.96E-10	0.00E+00	0.00E+00	0.00E+00	8.96E-10
2612	462184.08	3773091.56	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09	9.06E-10	0.00E+00	0.00E+00	0.00E+00	9.06E-10
2613	462187.8	3773082.39	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.13E-09	0.00E+00	0.00E+00	0.00E+00	2.13E-09	9.14E-10	0.00E+00	0.00E+00	0.00E+00	9.14E-10
2614	462191.52	3773073.21	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09	9.24E-10	0.00E+00	0.00E+00	0.00E+00	9.24E-10
2615	462195.25	3773064.04	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09	9.33E-10	0.00E+00	0.00E+00	0.00E+00	9.33E-10
2616	462198.97	3773054.86	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09	9.43E-10	0.00E+00	0.00E+00	0.00E+00	9.43E-10
2617	462221.29	3772999.81	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08	2.36E-09	0.00E+00	0.00E+00	0.00E+00	2.36E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
2618	462225.02	3772990.64	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09

2619	462228.74	3772981.46	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
2620	462232.46	3772972.29	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
2621	462236.18	3772963.11	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
2622	462239.9	3772953.94	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
2623	462243.62	3772944.76	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
2624	462247.34	3772935.59	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
2625	462254.79	3772917.24	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
2626	462258.51	3772908.06	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
2627	462262.23	3772898.89	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	2.78E-09	0.00E+00	0.00E+00	0.00E+00	2.78E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
2628	462265.95	3772889.71	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08	2.83E-09	0.00E+00	0.00E+00	0.00E+00	2.83E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
2629	462269.67	3772880.54	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
2630	462292	3772825.49	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.26E-09	0.00E+00	0.00E+00	0.00E+00	3.26E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
2631	462295.72	3772816.31	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09
2632	462299.44	3772807.14	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08	3.40E-09	0.00E+00	0.00E+00	0.00E+00	3.40E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
2633	462303.16	3772797.96	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	3.47E-09	0.00E+00	0.00E+00	0.00E+00	3.47E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
2634	462306.88	3772788.79	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
2635	462310.61	3772779.61	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.62E-09	0.00E+00	0.00E+00	0.00E+00	3.62E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
2636	462314.33	3772770.44	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	3.69E-09	0.00E+00	0.00E+00	0.00E+00	3.69E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
2637	462318.05	3772761.26	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	3.77E-09	0.00E+00	0.00E+00	0.00E+00	3.77E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
2638	462321.77	3772752.09	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	3.84E-09	0.00E+00	0.00E+00	0.00E+00	3.84E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
2639	462325.49	3772742.91	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	3.91E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-09	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09
2640	462329.21	3772733.74	2.60E-08	0.00E+00	0.00E+00	0.00E+00	2.60E-08	3.98E-09	0.00E+00	0.00E+00	0.00E+00	3.98E-09	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09
2641	462332.93	3772724.56	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08	4.05E-09	0.00E+00	0.00E+00	0.00E+00	4.05E-09	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09
2642	462336.66	3772715.39	2.69E-08	0.00E+00	0.00E+00	0.00E+00	2.69E-08	4.12E-09	0.00E+00	0.00E+00	0.00E+00	4.12E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09
2643	462340.38	3772706.21	2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08	4.19E-09	0.00E+00	0.00E+00	0.00E+00	4.19E-09	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09
2644	462344.1	3772697.04	2.78E-08	0.00E+00	0.00E+00	0.00E+00	2.78E-08	4.25E-09	0.00E+00	0.00E+00	0.00E+00	4.25E-09	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09
2645	462347.82	3772687.86	2.82E-08	0.00E+00	0.00E+00	0.00E+00	2.82E-08	4.31E-09	0.00E+00	0.00E+00	0.00E+00	4.31E-09	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09
2646	462351.54	3772678.69	2.85E-08	0.00E+00	0.00E+00	0.00E+00	2.85E-08	4.37E-09	0.00E+00	0.00E+00	0.00E+00	4.37E-09	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09
2647	462355.26	3772669.51	2.89E-08	0.00E+00	0.00E+00	0.00E+00	2.89E-08	4.42E-09	0.00E+00	0.00E+00	0.00E+00	4.42E-09	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09
2648	462358.98	3772660.34	2.92E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-08	4.47E-09	0.00E+00	0.00E+00	0.00E+00	4.47E-09	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09
2649	462362.7	3772651.16	2.95E-08	0.00E+00	0.00E+00	0.00E+00	2.95E-08	4.52E-09	0.00E+00	0.00E+00	0.00E+00	4.52E-09	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09
2650	462366.43	3772641.99	2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08	4.56E-09	0.00E+00	0.00E+00	0.00E+00	4.56E-09	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09
2651	462370.15	3772632.81	3.00E-08	0.00E+00	0.00E+00	0.00E+00	3.00E-08	4.59E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-09	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09
2652	462373.87	3772623.64	3.02E-08	0.00E+00	0.00E+00	0.00E+00	3.02E-08	4.63E-09	0.00E+00	0.00E+00	0.00E+00	4.63E-09	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09
2653	462404.99	3772602.99	3.24E-08	0.00E+00	0.00E+00	0.00E+00	3.24E-08	4.95E-09	0.00E+00	0.00E+00	0.00E+00	4.95E-09	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09
2654	462414.12	3772599.17	3.30E-08	0.00E+00	0.00E+00	0.00E+00	3.30E-08	5.05E-09	0.00E+00	0.00E+00	0.00E+00	5.05E-09	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-09
2655	462423.25	3772595.34	3.36E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-08	5.14E-09	0.00E+00	0.00E+00	0.00E+00	5.14E-09	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09
2656	462432.39	3772591.52	3.41E-08	0.00E+00	0.00E+00	0.00E+00	3.41E-08	5.23E-09	0.00E+00	0.00E+00	0.00E+00	5.23E-09	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09
2657	462441.52	3772587.7	3.47E-08	0.00E+00	0.00E+00	0.00E+00	3.47E-08	5.31E-09	0.00E+00	0.00E+00	0.00E+00	5.31E-09	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09
2658	462450.65	3772583.87	3.52E-08	0.00E+00	0.00E+00	0.00E+00	3.52E-08	5.39E-09	0.00E+00	0.00E+00	0.00E+00	5.39E-09	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09
2659	462478.05	3772572.4	3.65E-08	0.00E+00	0.00E+00	0.00E+00	3.65E-08	5.59E-09	0.00E+00	0.00E+00	0.00E+00	5.59E-09	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09
2660	462487.18	3772568.58	3.68E-08	0.00E+00	0.00E+00	0.00E+00	3.68E-08	5.64E-09	0.00E+00	0.00E+00	0.00E+00	5.64E-09	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09
2661	462496.31	3772564.75	3.71E-08	0.00E+00	0.00E+00	0.00E+00	3.71E-08	5.68E-09	0.00E+00	0.00E+00	0.00E+00	5.68E-09	2.44E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-09
2662	462505.45	3772560.93	3.74E-08	0.00E+00	0.00E+00	0.00E+00	3.74E-08	5.72E-09	0.00E+00	0.00E+00	0.00E+00	5.72E-09	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09
2663	462514.58	3772557.1	3.76E-08	0.00E+00	0.00E+00	0.00E+00	3.76E-08	5.75E-09	0.00E+00	0.00E+00	0.00E+00	5.75E-09	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09
2664	462523.71	3772553.28	3.77E-08	0.00E+00	0.00E+00	0.00E+00	3.77E-08	5.78E-09	0.00E+00	0.00E+00	0.00E+00	5.78E-09	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09
2665	462532.84	3772549.45	3.78E-08	0.00E+00	0.00E+00	0.00E+00	3.78E-08	5.79E-09	0.00E+00	0.00E+00	0.00E+00	5.79E-09	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09
2666	462541.98	3772545.63	3.79E-08	0.00E+00	0.00E+00	0.00E+00	3.79E-08	5.80E-09	0.00E+00	0.00E+00	0.00E+00	5.80E-09	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09
2667	462551.11	3772541.81	3.79E-08	0.00E+00	0.00E+00	0.00E+00	3.79E-08	5.80E-09	0.00E+00	0.00E+00	0.00E+00	5.80E-09	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09
2668	462560.24	3772537.98	3.78E-08	0.00E+00	0.00E+00	0.00E+00	3.78E-08	5.79E-09	0.00E+00	0.00E+00	0.00E+00	5.79E-09	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09
2669	462569.37	3772534.16	3.77E-08	0.00E+00	0.00E+00	0.00E+00	3.77E-08	5.78E-09	0.00E+00	0.00E+00	0.00E+00	5.78E-09	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09
2670	462578.51	3772530.33	3.76E-08	0.00E+00	0.00E+00	0.00E+00	3.76E-08	5.75E-09	0.00E+00	0.00E+00	0.00E+00	5.75E-09	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09
2671	462587.64	3772526.51	3.74E-08	0.00E+00	0.00E+00	0.00E+00	3.74E-08	5.72E-09	0.00E+00	0.00E+00	0.00E+00	5.72E-09	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09
2672	462596.77	3772522.69	3.71E-08	0.00E+00	0.00E+00	0.00E+00	3.71E-08	5.68E-09	0.00E+00	0.00E+00	0.00E+00	5.68E-09	2.44E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-09
2673	462605.9	3772518.86	3.68E-08	0.00E+00	0.00E+00	0.00E+00	3.68E-08	5.63E-09	0.00E+00	0.00E+00	0.00E+00	5.63E-09	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09
2674	462633.3	3772507.39	3.56E-08	0.00E+00	0.00E+00	0.00E+00	3.56E-08	5.45E-09	0.00E+00	0.00E+00	0.00E+00	5.45E-09	2.33E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-09
2675	462642.44	3772503.57	3.51E-08	0.00E+00	0.00E+00	0.00E+00	3.51E-08	5.37E-09	0.00E+00	0.00E+00	0.00E+00	5.37E-09	2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09

2676	462651.57	3772499.74	3.46E-08	0.00E+00	0.00E+00	0.00E+00	3.46E-08	5.29E-09	0.00E+00	0.00E+00	0.00E+00	5.29E-09	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09
2677	462660.7	3772495.92	3.40E-08	0.00E+00	0.00E+00	0.00E+00	3.40E-08	5.20E-09	0.00E+00	0.00E+00	0.00E+00	5.20E-09	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09
2678	462669.83	3772492.09	3.34E-08	0.00E+00	0.00E+00	0.00E+00	3.34E-08	5.11E-09	0.00E+00	0.00E+00	0.00E+00	5.11E-09	2.19E-09	0.00E+00	0.00E+00	0.00E+00	2.19E-09
2679	462678.97	3772488.27	3.27E-08	0.00E+00	0.00E+00	0.00E+00	3.27E-08	5.01E-09	0.00E+00	0.00E+00	0.00E+00	5.01E-09	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09
2680	462688.1	3772484.44	3.21E-08	0.00E+00	0.00E+00	0.00E+00	3.21E-08	4.91E-09	0.00E+00	0.00E+00	0.00E+00	4.91E-09	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09
2681	462697.23	3772480.62	3.14E-08	0.00E+00	0.00E+00	0.00E+00	3.14E-08	4.80E-09	0.00E+00	0.00E+00	0.00E+00	4.80E-09	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09
2682	462706.36	3772476.8	3.07E-08	0.00E+00	0.00E+00	0.00E+00	3.07E-08	4.69E-09	0.00E+00	0.00E+00	0.00E+00	4.69E-09	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09
2683	462715.5	3772472.97	2.99E-08	0.00E+00	0.00E+00	0.00E+00	2.99E-08	4.58E-09	0.00E+00	0.00E+00	0.00E+00	4.58E-09	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09
2684	462724.63	3772469.15	2.92E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-08	4.46E-09	0.00E+00	0.00E+00	0.00E+00	4.46E-09	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09
2685	462788.56	3772442.38	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	3.63E-09	0.00E+00	0.00E+00	0.00E+00	3.63E-09	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09
2686	462797.69	3772438.56	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
2687	462806.82	3772434.73	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08	3.40E-09	0.00E+00	0.00E+00	0.00E+00	3.40E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
2688	462815.95	3772430.91	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
2689	462825.09	3772427.08	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.18E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
2690	462834.22	3772423.26	2.00E-08	0.00E+00	0.00E+00	0.00E+00	2.00E-08	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09
2691	462843.35	3772419.43	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08	2.96E-09	0.00E+00	0.00E+00	0.00E+00	2.96E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
2692	462852.48	3772415.61	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	2.86E-09	0.00E+00	0.00E+00	0.00E+00	2.86E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
2693	462861.62	3772411.79	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08	2.76E-09	0.00E+00	0.00E+00	0.00E+00	2.76E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09
2694	462870.75	3772407.96	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	2.67E-09	0.00E+00	0.00E+00	0.00E+00	2.67E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
2695	462879.88	3772404.14	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
2696	462889.02	3772400.31	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
2697	462898.15	3772396.49	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
2698	462907.28	3772392.67	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	2.33E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-09	9.97E-10	0.00E+00	0.00E+00	0.00E+00	9.97E-10
2699	462158.03	3773155.79	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09	8.41E-10	0.00E+00	0.00E+00	0.00E+00	8.41E-10
2700	462158.12	3773165.74	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09	8.38E-10	0.00E+00	0.00E+00	0.00E+00	8.38E-10
2701	462158.21	3773175.7	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09	8.36E-10	0.00E+00	0.00E+00	0.00E+00	8.36E-10
2702	462158.3	3773185.65	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09	8.35E-10	0.00E+00	0.00E+00	0.00E+00	8.35E-10
2703	462158.4	3773195.61	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.34E-10	0.00E+00	0.00E+00	0.00E+00	8.34E-10
2704	462158.49	3773205.56	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.33E-10	0.00E+00	0.00E+00	0.00E+00	8.33E-10
2705	462158.58	3773215.52	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.30E-10	0.00E+00	0.00E+00	0.00E+00	8.30E-10
2706	462121.76	3773146.96	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09	7.81E-10	0.00E+00	0.00E+00	0.00E+00	7.81E-10
2707	462125.49	3773137.77	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09	7.88E-10	0.00E+00	0.00E+00	0.00E+00	7.88E-10
2708	462129.22	3773128.58	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	7.96E-10	0.00E+00	0.00E+00	0.00E+00	7.96E-10
2709	462140.4	3773101.01	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	8.21E-10	0.00E+00	0.00E+00	0.00E+00	8.21E-10
2710	462144.13	3773091.82	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09	8.29E-10	0.00E+00	0.00E+00	0.00E+00	8.29E-10
2711	462147.85	3773082.63	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09	8.36E-10	0.00E+00	0.00E+00	0.00E+00	8.36E-10
2712	462151.58	3773073.44	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09	8.44E-10	0.00E+00	0.00E+00	0.00E+00	8.44E-10
2713	462155.31	3773064.25	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09	8.53E-10	0.00E+00	0.00E+00	0.00E+00	8.53E-10
2714	462159.04	3773055.06	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09	8.61E-10	0.00E+00	0.00E+00	0.00E+00	8.61E-10
2715	462162.77	3773045.87	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09	8.70E-10	0.00E+00	0.00E+00	0.00E+00	8.70E-10
2716	462166.49	3773036.68	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	8.79E-10	0.00E+00	0.00E+00	0.00E+00	8.79E-10
2717	462170.22	3773027.49	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09	8.87E-10	0.00E+00	0.00E+00	0.00E+00	8.87E-10
2718	462173.95	3773018.29	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09	8.97E-10	0.00E+00	0.00E+00	0.00E+00	8.97E-10
2719	462177.68	3773009.1	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09	9.07E-10	0.00E+00	0.00E+00	0.00E+00	9.07E-10
2720	462181.4	3772999.91	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09	9.17E-10	0.00E+00	0.00E+00	0.00E+00	9.17E-10
2721	462185.13	3772990.72	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-09	9.27E-10	0.00E+00	0.00E+00	0.00E+00	9.27E-10
2722	462188.86	3772981.53	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	2.19E-09	0.00E+00	0.00E+00	0.00E+00	2.19E-09	9.38E-10	0.00E+00	0.00E+00	0.00E+00	9.38E-10
2723	462192.59	3772972.34	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08	2.22E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-09	9.50E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-10
2724	462196.31	3772963.15	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09	9.62E-10	0.00E+00	0.00E+00	0.00E+00	9.62E-10
2725	462200.04	3772953.96	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09	9.75E-10	0.00E+00	0.00E+00	0.00E+00	9.75E-10
2726	462226.14	3772889.63	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
2727	462229.86	3772880.44	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	2.57E-09	0.00E+00	0.00E+00	0.00E+00	2.57E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
2728	462252.23	3772825.29	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
2729	462255.96	3772816.1	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	2.93E-09	0.00E+00	0.00E+00	0.00E+00	2.93E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
2730	462259.68	3772806.91	1.95E-08	0.00E+00	0.00E+00	0.00E+00	1.95E-08	2.98E-09	0.00E+00	0.00E+00	0.00E+00	2.98E-09	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09
2731	462263.41	3772797.72	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	3.04E-09	0.00E+00	0.00E+00	0.00E+00	3.04E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09
2732	462267.14	3772788.53	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	3.11E-09	0.00E+00	0.00E+00	0.00E+00	3.11E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09

2733	462270.87	3772779.34	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
2734	462274.59	3772770.15	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
2735	462278.32	3772760.96	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
2736	462282.05	3772751.77	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08	3.36E-09	0.00E+00	0.00E+00	0.00E+00	3.36E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09
2737	462285.78	3772742.58	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08	3.43E-09	0.00E+00	0.00E+00	0.00E+00	3.43E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09
2738	462289.51	3772733.39	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08	3.49E-09	0.00E+00	0.00E+00	0.00E+00	3.49E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
2739	462293.23	3772724.2	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	3.55E-09	0.00E+00	0.00E+00	0.00E+00	3.55E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
2740	462296.96	3772715.01	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.62E-09	0.00E+00	0.00E+00	0.00E+00	3.62E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
2741	462300.69	3772705.82	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	3.68E-09	0.00E+00	0.00E+00	0.00E+00	3.68E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
2742	462304.42	3772696.63	2.44E-08	0.00E+00	0.00E+00	0.00E+00	2.44E-08	3.74E-09	0.00E+00	0.00E+00	0.00E+00	3.74E-09	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09
2743	462308.14	3772687.44	2.48E-08	0.00E+00	0.00E+00	0.00E+00	2.48E-08	3.80E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-09	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09
2744	462311.87	3772678.24	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
2745	462315.6	3772669.05	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	3.91E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-09	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09
2746	462319.33	3772659.86	2.59E-08	0.00E+00	0.00E+00	0.00E+00	2.59E-08	3.97E-09	0.00E+00	0.00E+00	0.00E+00	3.97E-09	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09
2747	462323.05	3772650.67	2.62E-08	0.00E+00	0.00E+00	0.00E+00	2.62E-08	4.02E-09	0.00E+00	0.00E+00	0.00E+00	4.02E-09	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09
2748	462326.78	3772641.48	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08	4.06E-09	0.00E+00	0.00E+00	0.00E+00	4.06E-09	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09
2749	462330.51	3772632.29	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08	4.11E-09	0.00E+00	0.00E+00	0.00E+00	4.11E-09	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09
2750	462334.24	3772623.1	2.71E-08	0.00E+00	0.00E+00	0.00E+00	2.71E-08	4.15E-09	0.00E+00	0.00E+00	0.00E+00	4.15E-09	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09
2751	462345.42	3772595.53	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08	4.24E-09	0.00E+00	0.00E+00	0.00E+00	4.24E-09	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09
2752	462358.3	3772582.51	2.85E-08	0.00E+00	0.00E+00	0.00E+00	2.85E-08	4.36E-09	0.00E+00	0.00E+00	0.00E+00	4.36E-09	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09
2753	462367.44	3772578.68	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08	4.44E-09	0.00E+00	0.00E+00	0.00E+00	4.44E-09	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09
2754	462376.59	3772574.85	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08	4.53E-09	0.00E+00	0.00E+00	0.00E+00	4.53E-09	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09
2755	462385.74	3772571.02	3.01E-08	0.00E+00	0.00E+00	0.00E+00	3.01E-08	4.61E-09	0.00E+00	0.00E+00	0.00E+00	4.61E-09	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09
2756	462394.89	3772567.19	3.07E-08	0.00E+00	0.00E+00	0.00E+00	3.07E-08	4.69E-09	0.00E+00	0.00E+00	0.00E+00	4.69E-09	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09
2757	462404.04	3772563.36	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08	4.77E-09	0.00E+00	0.00E+00	0.00E+00	4.77E-09	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09
2758	462413.18	3772559.53	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	4.84E-09	0.00E+00	0.00E+00	0.00E+00	4.84E-09	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09
2759	462422.33	3772555.69	3.21E-08	0.00E+00	0.00E+00	0.00E+00	3.21E-08	4.91E-09	0.00E+00	0.00E+00	0.00E+00	4.91E-09	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09
2760	462431.48	3772551.86	3.25E-08	0.00E+00	0.00E+00	0.00E+00	3.25E-08	4.98E-09	0.00E+00	0.00E+00	0.00E+00	4.98E-09	2.13E-09	0.00E+00	0.00E+00	0.00E+00	2.13E-09
2761	462440.63	3772548.03	3.29E-08	0.00E+00	0.00E+00	0.00E+00	3.29E-08	5.04E-09	0.00E+00	0.00E+00	0.00E+00	5.04E-09	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-09
2762	462449.78	3772544.2	3.32E-08	0.00E+00	0.00E+00	0.00E+00	3.32E-08	5.09E-09	0.00E+00	0.00E+00	0.00E+00	5.09E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
2763	462477.22	3772532.71	3.41E-08	0.00E+00	0.00E+00	0.00E+00	3.41E-08	5.22E-09	0.00E+00	0.00E+00	0.00E+00	5.22E-09	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09
2764	462486.37	3772528.88	3.43E-08	0.00E+00	0.00E+00	0.00E+00	3.43E-08	5.25E-09	0.00E+00	0.00E+00	0.00E+00	5.25E-09	2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09
2765	462495.52	3772525.05	3.45E-08	0.00E+00	0.00E+00	0.00E+00	3.45E-08	5.28E-09	0.00E+00	0.00E+00	0.00E+00	5.28E-09	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09
2766	462504.67	3772521.22	3.46E-08	0.00E+00	0.00E+00	0.00E+00	3.46E-08	5.29E-09	0.00E+00	0.00E+00	0.00E+00	5.29E-09	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09
2767	462513.81	3772517.39	3.47E-08	0.00E+00	0.00E+00	0.00E+00	3.47E-08	5.31E-09	0.00E+00	0.00E+00	0.00E+00	5.31E-09	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09
2768	462522.96	3772513.56	3.47E-08	0.00E+00	0.00E+00	0.00E+00	3.47E-08	5.31E-09	0.00E+00	0.00E+00	0.00E+00	5.31E-09	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09
2769	462532.11	3772509.73	3.47E-08	0.00E+00	0.00E+00	0.00E+00	3.47E-08	5.31E-09	0.00E+00	0.00E+00	0.00E+00	5.31E-09	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09
2770	462541.26	3772505.9	3.46E-08	0.00E+00	0.00E+00	0.00E+00	3.46E-08	5.30E-09	0.00E+00	0.00E+00	0.00E+00	5.30E-09	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09
2771	462550.41	3772502.07	3.45E-08	0.00E+00	0.00E+00	0.00E+00	3.45E-08	5.29E-09	0.00E+00	0.00E+00	0.00E+00	5.29E-09	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09
2772	462559.55	3772498.24	3.44E-08	0.00E+00	0.00E+00	0.00E+00	3.44E-08	5.26E-09	0.00E+00	0.00E+00	0.00E+00	5.26E-09	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09
2773	462568.7	3772494.4	3.42E-08	0.00E+00	0.00E+00	0.00E+00	3.42E-08	5.23E-09	0.00E+00	0.00E+00	0.00E+00	5.23E-09	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09
2774	462577.85	3772490.57	3.40E-08	0.00E+00	0.00E+00	0.00E+00	3.40E-08	5.20E-09	0.00E+00	0.00E+00	0.00E+00	5.20E-09	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09
2775	462587	3772486.74	3.37E-08	0.00E+00	0.00E+00	0.00E+00	3.37E-08	5.16E-09	0.00E+00	0.00E+00	0.00E+00	5.16E-09	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09
2776	462596.15	3772482.91	3.34E-08	0.00E+00	0.00E+00	0.00E+00	3.34E-08	5.11E-09	0.00E+00	0.00E+00	0.00E+00	5.11E-09	2.19E-09	0.00E+00	0.00E+00	0.00E+00	2.19E-09
2777	462605.29	3772479.08	3.30E-08	0.00E+00	0.00E+00	0.00E+00	3.30E-08	5.05E-09	0.00E+00	0.00E+00	0.00E+00	5.05E-09	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09
2778	462632.74	3772467.59	3.17E-08	0.00E+00	0.00E+00	0.00E+00	3.17E-08	4.86E-09	0.00E+00	0.00E+00	0.00E+00	4.86E-09	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09
2779	462696.78	3772440.78	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08	4.25E-09	0.00E+00	0.00E+00	0.00E+00	4.25E-09	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09
2780	462705.92	3772436.95	2.71E-08	0.00E+00	0.00E+00	0.00E+00	2.71E-08	4.15E-09	0.00E+00	0.00E+00	0.00E+00	4.15E-09	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09
2781	462715.07	3772433.12	2.64E-08	0.00E+00	0.00E+00	0.00E+00	2.64E-08	4.05E-09	0.00E+00	0.00E+00	0.00E+00	4.05E-09	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09
2782	462724.22	3772429.28	2.58E-08	0.00E+00	0.00E+00	0.00E+00	2.58E-08	3.94E-09	0.00E+00	0.00E+00	0.00E+00	3.94E-09	1.69E-09	0.00E+00	0.00E+00	0.00E+00	1.69E-09
2783	462733.37	3772425.45	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	3.84E-09	0.00E+00	0.00E+00	0.00E+00	3.84E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
2784	462742.52	3772421.62	2.44E-08	0.00E+00	0.00E+00	0.00E+00	2.44E-08	3.73E-09	0.00E+00	0.00E+00	0.00E+00	3.73E-09	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09
2785	462751.66	3772417.79	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	3.63E-09	0.00E+00	0.00E+00	0.00E+00	3.63E-09	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09
2786	462760.81	3772413.96	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
2787	462769.96	3772410.13	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	3.42E-09	0.00E+00	0.00E+00	0.00E+00	3.42E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09
2788	462779.11	3772406.3	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
2789	462788.26	3772402.47	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.21E-09	0.00E+00	0.00E+00	0.00E+00	3.21E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09

2790	462797.4	3772398.64	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	3.11E-09	0.00E+00	0.00E+00	0.00E+00	3.11E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
2791	462806.55	3772394.81	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
2792	462815.7	3772390.98	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	2.92E-09	0.00E+00	0.00E+00	0.00E+00	2.92E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
2793	462824.85	3772387.15	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
2794	462834	3772383.32	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
2795	462843.14	3772379.49	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
2796	462852.29	3772375.66	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
2797	462861.44	3772371.83	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09
2798	462870.59	3772367.99	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
2799	462879.74	3772364.16	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09	9.89E-10	0.00E+00	0.00E+00	0.00E+00	9.89E-10
2800	462888.89	3772360.33	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09	9.57E-10	0.00E+00	0.00E+00	0.00E+00	9.57E-10
2801	462898.03	3772356.5	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-09	9.27E-10	0.00E+00	0.00E+00	0.00E+00	9.27E-10
2802	462907.18	3772352.67	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09	8.98E-10	0.00E+00	0.00E+00	0.00E+00	8.98E-10
2803	462118.03	3773156.15	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09	7.72E-10	0.00E+00	0.00E+00	0.00E+00	7.72E-10
2804	462118.12	3773166.11	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09	7.70E-10	0.00E+00	0.00E+00	0.00E+00	7.70E-10
2805	462118.22	3773176.06	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	7.68E-10	0.00E+00	0.00E+00	0.00E+00	7.68E-10
2806	462118.31	3773186.02	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	7.66E-10	0.00E+00	0.00E+00	0.00E+00	7.66E-10
2807	462118.4	3773195.97	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	7.65E-10	0.00E+00	0.00E+00	0.00E+00	7.65E-10
2808	462118.49	3773205.93	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	7.65E-10	0.00E+00	0.00E+00	0.00E+00	7.65E-10
2809	462118.58	3773215.88	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	7.62E-10	0.00E+00	0.00E+00	0.00E+00	7.62E-10
2810	462118.67	3773225.84	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	7.60E-10	0.00E+00	0.00E+00	0.00E+00	7.60E-10
2811	462118.76	3773235.79	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	7.58E-10	0.00E+00	0.00E+00	0.00E+00	7.58E-10
2812	462118.85	3773245.75	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	7.57E-10	0.00E+00	0.00E+00	0.00E+00	7.57E-10
2813	462081.77	3773147.31	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	7.21E-10	0.00E+00	0.00E+00	0.00E+00	7.21E-10
2814	462085.5	3773138.11	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09	7.27E-10	0.00E+00	0.00E+00	0.00E+00	7.27E-10
2815	462089.24	3773128.9	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.34E-10	0.00E+00	0.00E+00	0.00E+00	7.34E-10
2816	462100.44	3773101.29	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09	7.56E-10	0.00E+00	0.00E+00	0.00E+00	7.56E-10
2817	462104.17	3773092.09	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	7.63E-10	0.00E+00	0.00E+00	0.00E+00	7.63E-10
2818	462107.9	3773082.88	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09	7.70E-10	0.00E+00	0.00E+00	0.00E+00	7.70E-10
2819	462111.64	3773073.68	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09	7.77E-10	0.00E+00	0.00E+00	0.00E+00	7.77E-10
2820	462115.37	3773064.47	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09	7.84E-10	0.00E+00	0.00E+00	0.00E+00	7.84E-10
2821	462119.1	3773055.27	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09	7.91E-10	0.00E+00	0.00E+00	0.00E+00	7.91E-10
2822	462122.84	3773046.06	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	7.99E-10	0.00E+00	0.00E+00	0.00E+00	7.99E-10
2823	462126.57	3773036.86	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09	8.06E-10	0.00E+00	0.00E+00	0.00E+00	8.06E-10
2824	462130.3	3773027.65	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	8.14E-10	0.00E+00	0.00E+00	0.00E+00	8.14E-10
2825	462137.77	3773009.24	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.30E-10	0.00E+00	0.00E+00	0.00E+00	8.30E-10
2826	462141.5	3773000.04	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09	8.39E-10	0.00E+00	0.00E+00	0.00E+00	8.39E-10
2827	462145.24	3772990.83	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09	8.48E-10	0.00E+00	0.00E+00	0.00E+00	8.48E-10
2828	462148.97	3772981.63	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09	8.57E-10	0.00E+00	0.00E+00	0.00E+00	8.57E-10
2829	462152.7	3772972.42	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09	8.67E-10	0.00E+00	0.00E+00	0.00E+00	8.67E-10
2830	462156.44	3772963.22	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09	8.76E-10	0.00E+00	0.00E+00	0.00E+00	8.76E-10
2831	462160.17	3772954.02	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09	8.87E-10	0.00E+00	0.00E+00	0.00E+00	8.87E-10
2832	462163.9	3772944.81	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09	8.97E-10	0.00E+00	0.00E+00	0.00E+00	8.97E-10
2833	462167.64	3772935.61	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09	9.09E-10	0.00E+00	0.00E+00	0.00E+00	9.09E-10
2834	462178.84	3772907.99	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09	9.46E-10	0.00E+00	0.00E+00	0.00E+00	9.46E-10
2835	462182.57	3772898.79	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09	9.59E-10	0.00E+00	0.00E+00	0.00E+00	9.59E-10
2836	462186.3	3772889.58	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09	9.74E-10	0.00E+00	0.00E+00	0.00E+00	9.74E-10
2837	462190.04	3772880.38	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09	9.89E-10	0.00E+00	0.00E+00	0.00E+00	9.89E-10
2838	462246.04	3772742.31	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08	3.02E-09	0.00E+00	0.00E+00	0.00E+00	3.02E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
2839	462249.77	3772733.1	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	3.08E-09	0.00E+00	0.00E+00	0.00E+00	3.08E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09
2840	462253.5	3772723.9	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
2841	462257.24	3772714.69	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.19E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09
2842	462260.97	3772705.49	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
2843	462264.7	3772696.28	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
2844	462268.44	3772687.08	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08	3.36E-09	0.00E+00	0.00E+00	0.00E+00	3.36E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09
2845	462272.17	3772677.88	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
2846	462275.9	3772668.67	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	3.47E-09	0.00E+00	0.00E+00	0.00E+00	3.47E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09

2847	462279.64	3772659.47	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
2848	462283.37	3772650.26	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08	3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09
2849	462287.1	3772641.06	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.62E-09	0.00E+00	0.00E+00	0.00E+00	3.62E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
2850	462290.84	3772631.85	2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08	3.66E-09	0.00E+00	0.00E+00	0.00E+00	3.66E-09	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09
2851	462294.57	3772622.65	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	3.71E-09	0.00E+00	0.00E+00	0.00E+00	3.71E-09	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09
2852	462305.77	3772595.03	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	3.82E-09	0.00E+00	0.00E+00	0.00E+00	3.82E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
2853	462309.5	3772585.83	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	3.85E-09	0.00E+00	0.00E+00	0.00E+00	3.85E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
2854	462313.24	3772576.62	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
2855	462316.97	3772567.42	2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08	3.91E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
2856	462329.87	3772554.38	2.62E-08	0.00E+00	0.00E+00	0.00E+00	2.62E-08	4.01E-09	0.00E+00	0.00E+00	0.00E+00	4.01E-09	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09
2857	462339.03	3772550.54	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08	4.09E-09	0.00E+00	0.00E+00	0.00E+00	4.09E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
2858	462348.19	3772546.7	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08	4.16E-09	0.00E+00	0.00E+00	0.00E+00	4.16E-09	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09
2859	462357.35	3772542.87	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08	4.23E-09	0.00E+00	0.00E+00	0.00E+00	4.23E-09	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09
2860	462366.52	3772539.03	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08	4.31E-09	0.00E+00	0.00E+00	0.00E+00	4.31E-09	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09
2861	462375.68	3772535.2	2.86E-08	0.00E+00	0.00E+00	0.00E+00	2.86E-08	4.37E-09	0.00E+00	0.00E+00	0.00E+00	4.37E-09	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09
2862	462384.84	3772531.36	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08	4.44E-09	0.00E+00	0.00E+00	0.00E+00	4.44E-09	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09
2863	462394	3772527.52	2.94E-08	0.00E+00	0.00E+00	0.00E+00	2.94E-08	4.50E-09	0.00E+00	0.00E+00	0.00E+00	4.50E-09	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09
2864	462403.16	3772523.69	2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08	4.56E-09	0.00E+00	0.00E+00	0.00E+00	4.56E-09	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09
2865	462412.33	3772519.85	3.01E-08	0.00E+00	0.00E+00	0.00E+00	3.01E-08	4.61E-09	0.00E+00	0.00E+00	0.00E+00	4.61E-09	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09
2866	462421.49	3772516.01	3.05E-08	0.00E+00	0.00E+00	0.00E+00	3.05E-08	4.66E-09	0.00E+00	0.00E+00	0.00E+00	4.66E-09	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09
2867	462430.65	3772512.18	3.08E-08	0.00E+00	0.00E+00	0.00E+00	3.08E-08	4.71E-09	0.00E+00	0.00E+00	0.00E+00	4.71E-09	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09
2868	462439.81	3772508.34	3.10E-08	0.00E+00	0.00E+00	0.00E+00	3.10E-08	4.75E-09	0.00E+00	0.00E+00	0.00E+00	4.75E-09	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09
2869	462448.98	3772504.5	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08	4.78E-09	0.00E+00	0.00E+00	0.00E+00	4.78E-09	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09
2870	462476.46	3772492.99	3.17E-08	0.00E+00	0.00E+00	0.00E+00	3.17E-08	4.86E-09	0.00E+00	0.00E+00	0.00E+00	4.86E-09	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09
2871	462485.62	3772489.16	3.18E-08	0.00E+00	0.00E+00	0.00E+00	3.18E-08	4.87E-09	0.00E+00	0.00E+00	0.00E+00	4.87E-09	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09
2872	462494.79	3772485.32	3.19E-08	0.00E+00	0.00E+00	0.00E+00	3.19E-08	4.88E-09	0.00E+00	0.00E+00	0.00E+00	4.88E-09	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09
2873	462503.95	3772481.48	3.19E-08	0.00E+00	0.00E+00	0.00E+00	3.19E-08	4.88E-09	0.00E+00	0.00E+00	0.00E+00	4.88E-09	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09
2874	462513.11	3772477.65	3.19E-08	0.00E+00	0.00E+00	0.00E+00	3.19E-08	4.88E-09	0.00E+00	0.00E+00	0.00E+00	4.88E-09	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09
2875	462522.27	3772473.81	3.18E-08	0.00E+00	0.00E+00	0.00E+00	3.18E-08	4.87E-09	0.00E+00	0.00E+00	0.00E+00	4.87E-09	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09
2876	462595.57	3772443.12	3.00E-08	0.00E+00	0.00E+00	0.00E+00	3.00E-08	4.60E-09	0.00E+00	0.00E+00	0.00E+00	4.60E-09	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09
2877	462604.73	3772439.28	2.97E-08	0.00E+00	0.00E+00	0.00E+00	2.97E-08	4.54E-09	0.00E+00	0.00E+00	0.00E+00	4.54E-09	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09
2878	462632.22	3772427.77	2.84E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-08	4.35E-09	0.00E+00	0.00E+00	0.00E+00	4.35E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
2879	462641.38	3772423.94	2.79E-08	0.00E+00	0.00E+00	0.00E+00	2.79E-08	4.27E-09	0.00E+00	0.00E+00	0.00E+00	4.27E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
2880	462650.54	3772420.1	2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08	4.20E-09	0.00E+00	0.00E+00	0.00E+00	4.20E-09	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09
2881	462659.71	3772416.26	2.69E-08	0.00E+00	0.00E+00	0.00E+00	2.69E-08	4.12E-09	0.00E+00	0.00E+00	0.00E+00	4.12E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09
2882	462668.87	3772412.43	2.64E-08	0.00E+00	0.00E+00	0.00E+00	2.64E-08	4.04E-09	0.00E+00	0.00E+00	0.00E+00	4.04E-09	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09
2883	462678.03	3772408.59	2.58E-08	0.00E+00	0.00E+00	0.00E+00	2.58E-08	3.95E-09	0.00E+00	0.00E+00	0.00E+00	3.95E-09	1.69E-09	0.00E+00	0.00E+00	0.00E+00	1.69E-09
2884	462687.19	3772404.75	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
2885	462696.35	3772400.92	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	3.77E-09	0.00E+00	0.00E+00	0.00E+00	3.77E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09
2886	462705.52	3772397.08	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	3.68E-09	0.00E+00	0.00E+00	0.00E+00	3.68E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
2887	462714.68	3772393.24	2.35E-08	0.00E+00	0.00E+00	0.00E+00	2.35E-08	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
2888	462723.84	3772389.41	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08	3.50E-09	0.00E+00	0.00E+00	0.00E+00	3.50E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
2889	462733	3772385.57	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
2890	462742.16	3772381.74	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
2891	462751.33	3772377.9	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
2892	462760.49	3772374.06	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
2893	462769.65	3772370.23	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	3.04E-09	0.00E+00	0.00E+00	0.00E+00	3.04E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09
2894	462778.81	3772366.39	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
2895	462787.98	3772362.55	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	2.86E-09	0.00E+00	0.00E+00	0.00E+00	2.86E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
2896	462797.14	3772358.72	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
2897	462806.3	3772354.88	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
2898	462815.46	3772351.04	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
2899	462824.62	3772347.21	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
2900	462833.79	3772343.37	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.44E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
2901	462842.95	3772339.53	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08	2.36E-09	0.00E+00	0.00E+00	0.00E+00	2.36E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
2902	462852.11	3772335.7	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09	9.81E-10	0.00E+00	0.00E+00	0.00E+00	9.81E-10
2903	462861.27	3772331.86	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08	2.22E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-09	9.50E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-10

2904	462870.44	3772328.02	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09	9.20E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-10
2905	462879.6	3772324.19	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09	8.92E-10	0.00E+00	0.00E+00	0.00E+00	8.92E-10
2906	462888.76	3772320.35	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09	8.65E-10	0.00E+00	0.00E+00	0.00E+00	8.65E-10
2907	462897.92	3772316.51	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09	8.38E-10	0.00E+00	0.00E+00	0.00E+00	8.38E-10
2908	462907.08	3772312.68	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	8.14E-10	0.00E+00	0.00E+00	0.00E+00	8.14E-10
2909	462078.04	3773156.52	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	7.13E-10	0.00E+00	0.00E+00	0.00E+00	7.13E-10
2910	462078.13	3773166.47	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	7.11E-10	0.00E+00	0.00E+00	0.00E+00	7.11E-10
2911	462078.22	3773176.43	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.09E-10	0.00E+00	0.00E+00	0.00E+00	7.09E-10
2912	462078.31	3773186.38	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.08E-10	0.00E+00	0.00E+00	0.00E+00	7.08E-10
2913	462078.4	3773196.34	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.07E-10	0.00E+00	0.00E+00	0.00E+00	7.07E-10
2914	462078.49	3773206.29	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.06E-10	0.00E+00	0.00E+00	0.00E+00	7.06E-10
2915	462078.58	3773216.25	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09	7.04E-10	0.00E+00	0.00E+00	0.00E+00	7.04E-10
2916	462078.67	3773226.2	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09	7.02E-10	0.00E+00	0.00E+00	0.00E+00	7.02E-10
2917	462078.76	3773236.16	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09	7.00E-10	0.00E+00	0.00E+00	0.00E+00	7.00E-10
2918	462078.85	3773246.11	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09	6.99E-10	0.00E+00	0.00E+00	0.00E+00	6.99E-10
2919	462041.78	3773147.67	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09	6.69E-10	0.00E+00	0.00E+00	0.00E+00	6.69E-10
2920	462045.51	3773138.45	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09	6.75E-10	0.00E+00	0.00E+00	0.00E+00	6.75E-10
2921	462049.25	3773129.23	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09	6.81E-10	0.00E+00	0.00E+00	0.00E+00	6.81E-10
2922	462056.73	3773110.8	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.93E-10	0.00E+00	0.00E+00	0.00E+00	6.93E-10
2923	462060.47	3773101.58	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09	7.00E-10	0.00E+00	0.00E+00	0.00E+00	7.00E-10
2924	462064.21	3773092.36	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.07E-10	0.00E+00	0.00E+00	0.00E+00	7.07E-10
2925	462067.95	3773083.14	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	7.13E-10	0.00E+00	0.00E+00	0.00E+00	7.13E-10
2926	462071.68	3773073.93	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	7.19E-10	0.00E+00	0.00E+00	0.00E+00	7.19E-10
2927	462075.42	3773064.71	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.69E-09	0.00E+00	0.00E+00	0.00E+00	1.69E-09	7.25E-10	0.00E+00	0.00E+00	0.00E+00	7.25E-10
2928	462079.16	3773055.49	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.31E-10	0.00E+00	0.00E+00	0.00E+00	7.31E-10
2929	462082.9	3773046.27	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09	7.38E-10	0.00E+00	0.00E+00	0.00E+00	7.38E-10
2930	462086.64	3773037.06	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	7.44E-10	0.00E+00	0.00E+00	0.00E+00	7.44E-10
2931	462090.38	3773027.84	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09	7.51E-10	0.00E+00	0.00E+00	0.00E+00	7.51E-10
2932	462097.85	3773009.4	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	7.65E-10	0.00E+00	0.00E+00	0.00E+00	7.65E-10
2933	462101.59	3773000.19	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09	7.72E-10	0.00E+00	0.00E+00	0.00E+00	7.72E-10
2934	462105.33	3772990.97	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09	7.80E-10	0.00E+00	0.00E+00	0.00E+00	7.80E-10
2935	462109.07	3772981.75	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09	7.88E-10	0.00E+00	0.00E+00	0.00E+00	7.88E-10
2936	462112.81	3772972.53	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	7.96E-10	0.00E+00	0.00E+00	0.00E+00	7.96E-10
2937	462116.55	3772963.32	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09	8.04E-10	0.00E+00	0.00E+00	0.00E+00	8.04E-10
2938	462120.29	3772954.1	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	8.13E-10	0.00E+00	0.00E+00	0.00E+00	8.13E-10
2939	462124.02	3772944.88	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09	8.22E-10	0.00E+00	0.00E+00	0.00E+00	8.22E-10
2940	462127.76	3772935.66	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.31E-10	0.00E+00	0.00E+00	0.00E+00	8.31E-10
2941	462138.98	3772908.01	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09	8.61E-10	0.00E+00	0.00E+00	0.00E+00	8.61E-10
2942	462142.72	3772898.79	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09	8.73E-10	0.00E+00	0.00E+00	0.00E+00	8.73E-10
2943	462146.46	3772889.57	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09	8.84E-10	0.00E+00	0.00E+00	0.00E+00	8.84E-10
2944	462150.2	3772880.36	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09	8.96E-10	0.00E+00	0.00E+00	0.00E+00	8.96E-10
2945	462168.89	3772834.27	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09	9.66E-10	0.00E+00	0.00E+00	0.00E+00	9.66E-10
2946	462172.63	3772825.05	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09	9.82E-10	0.00E+00	0.00E+00	0.00E+00	9.82E-10
2947	462176.37	3772815.83	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	2.33E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-09	9.98E-10	0.00E+00	0.00E+00	0.00E+00	9.98E-10
2948	462180.1	3772806.62	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
2949	462183.84	3772797.4	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
2950	462187.58	3772788.18	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
2951	462191.32	3772778.96	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	2.50E-09	0.00E+00	0.00E+00	0.00E+00	2.50E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
2952	462195.06	3772769.75	1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08	2.54E-09	0.00E+00	0.00E+00	0.00E+00	2.54E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
2953	462198.8	3772760.53	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
2954	462236.18	3772668.35	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	3.08E-09	0.00E+00	0.00E+00	0.00E+00	3.08E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09
2955	462239.92	3772659.14	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
2956	462243.66	3772649.92	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.18E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
2957	462247.4	3772640.7	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
2958	462262.35	3772603.83	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08	3.40E-09	0.00E+00	0.00E+00	0.00E+00	3.40E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
2959	462266.09	3772594.61	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	3.44E-09	0.00E+00	0.00E+00	0.00E+00	3.44E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09
2960	462269.83	3772585.39	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	3.47E-09	0.00E+00	0.00E+00	0.00E+00	3.47E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09

2961	462273.57	3772576.18	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08	3.51E-09	0.00E+00	0.00E+00	0.00E+00	3.51E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
2962	462277.31	3772566.96	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.31E-08	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
2963	462281.05	3772557.74	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08	3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09
2964	462284.78	3772548.52	2.35E-08	0.00E+00	0.00E+00	0.00E+00	2.35E-08	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
2965	462288.52	3772539.31	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.61E-09	0.00E+00	0.00E+00	0.00E+00	3.61E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
2966	462301.44	3772526.25	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	3.70E-09	0.00E+00	0.00E+00	0.00E+00	3.70E-09	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09
2967	462310.61	3772522.41	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	3.77E-09	0.00E+00	0.00E+00	0.00E+00	3.77E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09
2968	462319.79	3772518.56	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	3.84E-09	0.00E+00	0.00E+00	0.00E+00	3.84E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
2969	462328.96	3772514.72	2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08	3.90E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
2970	462338.14	3772510.88	2.59E-08	0.00E+00	0.00E+00	0.00E+00	2.59E-08	3.97E-09	0.00E+00	0.00E+00	0.00E+00	3.97E-09	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09
2971	462347.31	3772507.04	2.63E-08	0.00E+00	0.00E+00	0.00E+00	2.63E-08	4.03E-09	0.00E+00	0.00E+00	0.00E+00	4.03E-09	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09
2972	462356.49	3772503.2	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08	4.09E-09	0.00E+00	0.00E+00	0.00E+00	4.09E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
2973	462365.66	3772499.35	2.71E-08	0.00E+00	0.00E+00	0.00E+00	2.71E-08	4.14E-09	0.00E+00	0.00E+00	0.00E+00	4.14E-09	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09
2974	462374.84	3772495.51	2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08	4.19E-09	0.00E+00	0.00E+00	0.00E+00	4.19E-09	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09
2975	462384.01	3772491.67	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08	4.24E-09	0.00E+00	0.00E+00	0.00E+00	4.24E-09	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09
2976	462393.19	3772487.83	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	4.29E-09	0.00E+00	0.00E+00	0.00E+00	4.29E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
2977	462402.36	3772483.99	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
2978	462411.54	3772480.15	2.85E-08	0.00E+00	0.00E+00	0.00E+00	2.85E-08	4.37E-09	0.00E+00	0.00E+00	0.00E+00	4.37E-09	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09
2979	462420.71	3772476.3	2.87E-08	0.00E+00	0.00E+00	0.00E+00	2.87E-08	4.40E-09	0.00E+00	0.00E+00	0.00E+00	4.40E-09	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09
2980	462429.89	3772472.46	2.89E-08	0.00E+00	0.00E+00	0.00E+00	2.89E-08	4.43E-09	0.00E+00	0.00E+00	0.00E+00	4.43E-09	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09
2981	462439.06	3772468.62	2.91E-08	0.00E+00	0.00E+00	0.00E+00	2.91E-08	4.45E-09	0.00E+00	0.00E+00	0.00E+00	4.45E-09	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09
2982	462494.11	3772445.57	2.94E-08	0.00E+00	0.00E+00	0.00E+00	2.94E-08	4.50E-09	0.00E+00	0.00E+00	0.00E+00	4.50E-09	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09
2983	462503.29	3772441.73	2.94E-08	0.00E+00	0.00E+00	0.00E+00	2.94E-08	4.49E-09	0.00E+00	0.00E+00	0.00E+00	4.49E-09	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09
2984	462512.46	3772437.88	2.93E-08	0.00E+00	0.00E+00	0.00E+00	2.93E-08	4.48E-09	0.00E+00	0.00E+00	0.00E+00	4.48E-09	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09
2985	462521.64	3772434.04	2.91E-08	0.00E+00	0.00E+00	0.00E+00	2.91E-08	4.46E-09	0.00E+00	0.00E+00	0.00E+00	4.46E-09	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09
2986	462530.81	3772430.2	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08	4.44E-09	0.00E+00	0.00E+00	0.00E+00	4.44E-09	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09
2987	462539.99	3772426.36	2.88E-08	0.00E+00	0.00E+00	0.00E+00	2.88E-08	4.41E-09	0.00E+00	0.00E+00	0.00E+00	4.41E-09	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09
2988	462549.16	3772422.52	2.86E-08	0.00E+00	0.00E+00	0.00E+00	2.86E-08	4.38E-09	0.00E+00	0.00E+00	0.00E+00	4.38E-09	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09
2989	462558.34	3772418.68	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	4.34E-09	0.00E+00	0.00E+00	0.00E+00	4.34E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
2990	462567.51	3772414.83	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08	4.30E-09	0.00E+00	0.00E+00	0.00E+00	4.30E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
2991	462576.69	3772410.99	2.78E-08	0.00E+00	0.00E+00	0.00E+00	2.78E-08	4.25E-09	0.00E+00	0.00E+00	0.00E+00	4.25E-09	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09
2992	462585.86	3772407.15	2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08	4.20E-09	0.00E+00	0.00E+00	0.00E+00	4.20E-09	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09
2993	462595.04	3772403.31	2.71E-08	0.00E+00	0.00E+00	0.00E+00	2.71E-08	4.15E-09	0.00E+00	0.00E+00	0.00E+00	4.15E-09	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09
2994	462604.21	3772399.47	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08	4.09E-09	0.00E+00	0.00E+00	0.00E+00	4.09E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
2995	462631.74	3772387.94	2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08	3.90E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
2996	462640.91	3772384.1	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
2997	462650.09	3772380.26	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
2998	462659.26	3772376.41	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	3.68E-09	0.00E+00	0.00E+00	0.00E+00	3.68E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
2999	462668.44	3772372.57	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.61E-09	0.00E+00	0.00E+00	0.00E+00	3.61E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
3000	462677.61	3772368.73	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.31E-08	3.53E-09	0.00E+00	0.00E+00	0.00E+00	3.53E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
3001	462686.79	3772364.89	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08	3.45E-09	0.00E+00	0.00E+00	0.00E+00	3.45E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09
3002	462695.96	3772361.05	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08	3.37E-09	0.00E+00	0.00E+00	0.00E+00	3.37E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09
3003	462705.14	3772357.21	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
3004	462714.31	3772353.36	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.21E-09	0.00E+00	0.00E+00	0.00E+00	3.21E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
3005	462723.49	3772349.52	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
3006	462732.66	3772345.68	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	3.04E-09	0.00E+00	0.00E+00	0.00E+00	3.04E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09
3007	462741.84	3772341.84	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	2.96E-09	0.00E+00	0.00E+00	0.00E+00	2.96E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
3008	462751.01	3772338	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	2.88E-09	0.00E+00	0.00E+00	0.00E+00	2.88E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
3009	462760.19	3772334.15	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	2.80E-09	0.00E+00	0.00E+00	0.00E+00	2.80E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
3010	462769.36	3772330.31	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	2.72E-09	0.00E+00	0.00E+00	0.00E+00	2.72E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
3011	462778.54	3772326.47	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
3012	462787.71	3772322.63	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
3013	462796.89	3772318.79	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
3014	462806.06	3772314.94	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
3015	462815.24	3772311.1	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09
3016	462824.41	3772307.26	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09	9.72E-10	0.00E+00	0.00E+00	0.00E+00	9.72E-10
3017	462833.59	3772303.42	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09	9.42E-10	0.00E+00	0.00E+00	0.00E+00	9.42E-10

3018	462842.76	3772299.58	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.13E-09	0.00E+00	0.00E+00	0.00E+00	2.13E-09	9.14E-10	0.00E+00	0.00E+00	0.00E+00	9.14E-10
3019	462851.94	3772295.74	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09	8.86E-10	0.00E+00	0.00E+00	0.00E+00	8.86E-10
3020	462861.11	3772291.89	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09	8.59E-10	0.00E+00	0.00E+00	0.00E+00	8.59E-10
3021	462870.29	3772288.05	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.34E-10	0.00E+00	0.00E+00	0.00E+00	8.34E-10
3022	462879.46	3772284.21	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09	8.09E-10	0.00E+00	0.00E+00	0.00E+00	8.09E-10
3023	462888.64	3772280.37	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09	7.85E-10	0.00E+00	0.00E+00	0.00E+00	7.85E-10
3024	462897.81	3772276.53	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	7.63E-10	0.00E+00	0.00E+00	0.00E+00	7.63E-10
3025	462906.99	3772272.68	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09	7.41E-10	0.00E+00	0.00E+00	0.00E+00	7.41E-10
3026	462038.04	3773156.88	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09	6.62E-10	0.00E+00	0.00E+00	0.00E+00	6.62E-10
3027	462038.13	3773166.84	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.60E-10	0.00E+00	0.00E+00	0.00E+00	6.60E-10
3028	462038.22	3773176.79	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.58E-10	0.00E+00	0.00E+00	0.00E+00	6.58E-10
3029	462038.31	3773186.75	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09	6.57E-10	0.00E+00	0.00E+00	0.00E+00	6.57E-10
3030	462038.4	3773196.7	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09	6.56E-10	0.00E+00	0.00E+00	0.00E+00	6.56E-10
3031	462038.49	3773206.66	9.99E-09	0.00E+00	0.00E+00	0.00E+00	9.99E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09	6.56E-10	0.00E+00	0.00E+00	0.00E+00	6.56E-10
3032	462038.58	3773216.61	9.96E-09	0.00E+00	0.00E+00	0.00E+00	9.96E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09	6.54E-10	0.00E+00	0.00E+00	0.00E+00	6.54E-10
3033	462038.67	3773226.57	9.93E-09	0.00E+00	0.00E+00	0.00E+00	9.93E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09	6.51E-10	0.00E+00	0.00E+00	0.00E+00	6.51E-10
3034	462038.76	3773236.52	9.90E-09	0.00E+00	0.00E+00	0.00E+00	9.90E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09	6.49E-10	0.00E+00	0.00E+00	0.00E+00	6.49E-10
3035	462038.86	3773246.48	9.88E-09	0.00E+00	0.00E+00	0.00E+00	9.88E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09	6.49E-10	0.00E+00	0.00E+00	0.00E+00	6.49E-10
3036	462001.73	3773148.15	9.51E-09	0.00E+00	0.00E+00	0.00E+00	9.51E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09	6.24E-10	0.00E+00	0.00E+00	0.00E+00	6.24E-10
3037	462005.42	3773139.05	9.59E-09	0.00E+00	0.00E+00	0.00E+00	9.59E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09	6.29E-10	0.00E+00	0.00E+00	0.00E+00	6.29E-10
3038	462009.11	3773129.95	9.66E-09	0.00E+00	0.00E+00	0.00E+00	9.66E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09	6.34E-10	0.00E+00	0.00E+00	0.00E+00	6.34E-10
3039	462020.19	3773102.64	9.93E-09	0.00E+00	0.00E+00	0.00E+00	9.93E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09	6.51E-10	0.00E+00	0.00E+00	0.00E+00	6.51E-10
3040	462023.88	3773093.54	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09	6.56E-10	0.00E+00	0.00E+00	0.00E+00	6.56E-10
3041	462027.57	3773084.44	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.62E-10	0.00E+00	0.00E+00	0.00E+00	6.62E-10
3042	462031.26	3773075.34	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09	6.68E-10	0.00E+00	0.00E+00	0.00E+00	6.68E-10
3043	462034.95	3773066.24	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09	6.73E-10	0.00E+00	0.00E+00	0.00E+00	6.73E-10
3044	462038.64	3773057.14	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09	6.78E-10	0.00E+00	0.00E+00	0.00E+00	6.78E-10
3045	462042.34	3773048.04	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09	6.84E-10	0.00E+00	0.00E+00	0.00E+00	6.84E-10
3046	462046.03	3773038.93	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09	6.90E-10	0.00E+00	0.00E+00	0.00E+00	6.90E-10
3047	462049.72	3773029.83	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.95E-10	0.00E+00	0.00E+00	0.00E+00	6.95E-10
3048	462060.79	3773002.53	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	7.13E-10	0.00E+00	0.00E+00	0.00E+00	7.13E-10
3049	462064.48	3772993.43	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	7.20E-10	0.00E+00	0.00E+00	0.00E+00	7.20E-10
3050	462068.18	3772984.33	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	1.69E-09	0.00E+00	0.00E+00	0.00E+00	1.69E-09	7.26E-10	0.00E+00	0.00E+00	0.00E+00	7.26E-10
3051	462071.87	3772975.23	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.33E-10	0.00E+00	0.00E+00	0.00E+00	7.33E-10
3052	462075.56	3772966.12	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09	7.40E-10	0.00E+00	0.00E+00	0.00E+00	7.40E-10
3053	462079.25	3772957.02	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	7.47E-10	0.00E+00	0.00E+00	0.00E+00	7.47E-10
3054	462082.94	3772947.92	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09	7.55E-10	0.00E+00	0.00E+00	0.00E+00	7.55E-10
3055	462086.63	3772938.82	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	7.63E-10	0.00E+00	0.00E+00	0.00E+00	7.63E-10
3056	462090.32	3772929.72	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09	7.71E-10	0.00E+00	0.00E+00	0.00E+00	7.71E-10
3057	462097.71	3772911.52	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09	7.87E-10	0.00E+00	0.00E+00	0.00E+00	7.87E-10
3058	462101.4	3772902.42	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	7.96E-10	0.00E+00	0.00E+00	0.00E+00	7.96E-10
3059	462105.09	3772893.32	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09	8.05E-10	0.00E+00	0.00E+00	0.00E+00	8.05E-10
3060	462108.78	3772884.21	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	8.15E-10	0.00E+00	0.00E+00	0.00E+00	8.15E-10
3061	462127.24	3772838.71	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09	8.70E-10	0.00E+00	0.00E+00	0.00E+00	8.70E-10
3062	462130.93	3772829.61	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09	8.83E-10	0.00E+00	0.00E+00	0.00E+00	8.83E-10
3063	462134.62	3772820.51	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09	8.96E-10	0.00E+00	0.00E+00	0.00E+00	8.96E-10
3064	462138.31	3772811.4	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09	9.09E-10	0.00E+00	0.00E+00	0.00E+00	9.09E-10
3065	462142	3772802.3	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09	9.23E-10	0.00E+00	0.00E+00	0.00E+00	9.23E-10
3066	462145.69	3772793.2	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	2.19E-09	0.00E+00	0.00E+00	0.00E+00	2.19E-09	9.38E-10	0.00E+00	0.00E+00	0.00E+00	9.38E-10
3067	462149.39	3772784.1	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08	2.22E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-09	9.53E-10	0.00E+00	0.00E+00	0.00E+00	9.53E-10
3068	462153.08	3772775	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09	9.69E-10	0.00E+00	0.00E+00	0.00E+00	9.69E-10
3069	462156.77	3772765.9	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09	9.84E-10	0.00E+00	0.00E+00	0.00E+00	9.84E-10
3070	462160.46	3772756.8	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09
3071	462164.15	3772747.7	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
3072	462167.84	3772738.6	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
3073	462171.53	3772729.49	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
3074	462175.23	3772720.39	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	2.50E-09	0.00E+00	0.00E+00	0.00E+00	2.50E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09

3075	462178.92	3772711.29	1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08	2.54E-09	0.00E+00	0.00E+00	0.00E+00	2.54E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
3076	462182.61	3772702.19	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
3077	462186.3	3772693.09	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	2.63E-09	0.00E+00	0.00E+00	0.00E+00	2.63E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
3078	462189.99	3772683.99	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	2.67E-09	0.00E+00	0.00E+00	0.00E+00	2.67E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
3079	462193.68	3772674.89	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	2.72E-09	0.00E+00	0.00E+00	0.00E+00	2.72E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
3080	462197.37	3772665.79	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08	2.76E-09	0.00E+00	0.00E+00	0.00E+00	2.76E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09
3081	462226.91	3772592.98	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
3082	462230.6	3772583.88	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
3083	462234.29	3772574.77	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
3084	462237.98	3772565.67	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08	3.20E-09	0.00E+00	0.00E+00	0.00E+00	3.20E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09
3085	462241.67	3772556.57	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
3086	462245.36	3772547.47	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.26E-09	0.00E+00	0.00E+00	0.00E+00	3.26E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
3087	462249.05	3772538.37	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
3088	462252.75	3772529.27	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08	3.31E-09	0.00E+00	0.00E+00	0.00E+00	3.31E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
3089	462256.44	3772520.17	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09
3090	462260.13	3772511.07	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	3.35E-09	0.00E+00	0.00E+00	0.00E+00	3.35E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09
3091	462272.88	3772498.17	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08	3.43E-09	0.00E+00	0.00E+00	0.00E+00	3.43E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09
3092	462281.94	3772494.38	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08	3.49E-09	0.00E+00	0.00E+00	0.00E+00	3.49E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
3093	462291	3772490.58	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	3.55E-09	0.00E+00	0.00E+00	0.00E+00	3.55E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
3094	462300.06	3772486.79	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.61E-09	0.00E+00	0.00E+00	0.00E+00	3.61E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
3095	462309.12	3772483	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	3.67E-09	0.00E+00	0.00E+00	0.00E+00	3.67E-09	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09
3096	462318.17	3772479.2	2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08	3.72E-09	0.00E+00	0.00E+00	0.00E+00	3.72E-09	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09
3097	462327.23	3772475.41	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	3.77E-09	0.00E+00	0.00E+00	0.00E+00	3.77E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09
3098	462336.29	3772471.62	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	3.82E-09	0.00E+00	0.00E+00	0.00E+00	3.82E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
3099	462345.35	3772467.82	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.87E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
3100	462399.71	3772445.06	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08	4.09E-09	0.00E+00	0.00E+00	0.00E+00	4.09E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
3101	462408.77	3772441.27	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08	4.11E-09	0.00E+00	0.00E+00	0.00E+00	4.11E-09	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09
3102	462417.83	3772437.48	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	4.13E-09	0.00E+00	0.00E+00	0.00E+00	4.13E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09
3103	462426.88	3772433.68	2.71E-08	0.00E+00	0.00E+00	0.00E+00	2.71E-08	4.15E-09	0.00E+00	0.00E+00	0.00E+00	4.15E-09	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09
3104	462435.94	3772429.89	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08	4.16E-09	0.00E+00	0.00E+00	0.00E+00	4.16E-09	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09
3105	462445	3772426.1	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08	4.17E-09	0.00E+00	0.00E+00	0.00E+00	4.17E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09
3106	462454.06	3772422.3	2.73E-08	0.00E+00	0.00E+00	0.00E+00	2.73E-08	4.17E-09	0.00E+00	0.00E+00	0.00E+00	4.17E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09
3107	462463.12	3772418.51	2.73E-08	0.00E+00	0.00E+00	0.00E+00	2.73E-08	4.17E-09	0.00E+00	0.00E+00	0.00E+00	4.17E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09
3108	462472.18	3772414.72	2.73E-08	0.00E+00	0.00E+00	0.00E+00	2.73E-08	4.17E-09	0.00E+00	0.00E+00	0.00E+00	4.17E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09
3109	462481.24	3772410.92	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08	4.16E-09	0.00E+00	0.00E+00	0.00E+00	4.16E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09
3110	462490.3	3772407.13	2.71E-08	0.00E+00	0.00E+00	0.00E+00	2.71E-08	4.15E-09	0.00E+00	0.00E+00	0.00E+00	4.15E-09	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09
3111	462499.36	3772403.34	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	4.14E-09	0.00E+00	0.00E+00	0.00E+00	4.14E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09
3112	462508.42	3772399.54	2.69E-08	0.00E+00	0.00E+00	0.00E+00	2.69E-08	4.12E-09	0.00E+00	0.00E+00	0.00E+00	4.12E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09
3113	462517.48	3772395.75	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08	4.09E-09	0.00E+00	0.00E+00	0.00E+00	4.09E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
3114	462526.54	3772391.96	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	4.07E-09	0.00E+00	0.00E+00	0.00E+00	4.07E-09	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09
3115	462535.59	3772388.16	2.64E-08	0.00E+00	0.00E+00	0.00E+00	2.64E-08	4.04E-09	0.00E+00	0.00E+00	0.00E+00	4.04E-09	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09
3116	462544.65	3772384.37	2.61E-08	0.00E+00	0.00E+00	0.00E+00	2.61E-08	4.00E-09	0.00E+00	0.00E+00	0.00E+00	4.00E-09	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09
3117	462553.71	3772380.58	2.59E-08	0.00E+00	0.00E+00	0.00E+00	2.59E-08	3.96E-09	0.00E+00	0.00E+00	0.00E+00	3.96E-09	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09
3118	462562.77	3772376.78	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	3.92E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-09	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09
3119	462571.83	3772372.99	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
3120	462580.89	3772369.2	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
3121	462589.95	3772365.4	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	3.78E-09	0.00E+00	0.00E+00	0.00E+00	3.78E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09
3122	462599.01	3772361.61	2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08	3.72E-09	0.00E+00	0.00E+00	0.00E+00	3.72E-09	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09
3123	462608.07	3772357.82	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	3.67E-09	0.00E+00	0.00E+00	0.00E+00	3.67E-09	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09
3124	462626.19	3772350.23	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	3.55E-09	0.00E+00	0.00E+00	0.00E+00	3.55E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
3125	462635.25	3772346.44	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08	3.48E-09	0.00E+00	0.00E+00	0.00E+00	3.48E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
3126	462644.3	3772342.64	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	3.42E-09	0.00E+00	0.00E+00	0.00E+00	3.42E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09
3127	462653.36	3772338.85	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	3.35E-09	0.00E+00	0.00E+00	0.00E+00	3.35E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09
3128	462662.42	3772335.06	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	3.28E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
3129	462671.48	3772331.26	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
3130	462680.54	3772327.47	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	3.14E-09	0.00E+00	0.00E+00	0.00E+00	3.14E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09
3131	462689.6	3772323.68	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09

3132	462698.66	3772319.88	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	3.00E-09	0.00E+00	0.00E+00	0.00E+00	3.00E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
3133	462707.72	3772316.09	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	2.93E-09	0.00E+00	0.00E+00	0.00E+00	2.93E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
3134	462716.78	3772312.3	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	2.86E-09	0.00E+00	0.00E+00	0.00E+00	2.86E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
3135	462725.84	3772308.5	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	2.79E-09	0.00E+00	0.00E+00	0.00E+00	2.79E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
3136	462734.9	3772304.71	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	2.71E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
3137	462743.95	3772300.92	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
3138	462753.01	3772297.12	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	2.57E-09	0.00E+00	0.00E+00	0.00E+00	2.57E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
3139	462762.07	3772293.33	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	2.50E-09	0.00E+00	0.00E+00	0.00E+00	2.50E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
3140	462771.13	3772289.54	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.43E-09	0.00E+00	0.00E+00	0.00E+00	2.43E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
3141	462780.19	3772285.74	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08	2.36E-09	0.00E+00	0.00E+00	0.00E+00	2.36E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
3142	462789.25	3772281.95	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09	9.84E-10	0.00E+00	0.00E+00	0.00E+00	9.84E-10
3143	462798.31	3772278.16	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09	9.56E-10	0.00E+00	0.00E+00	0.00E+00	9.56E-10
3144	462807.37	3772274.36	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09	9.29E-10	0.00E+00	0.00E+00	0.00E+00	9.29E-10
3145	462816.43	3772270.57	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09	9.02E-10	0.00E+00	0.00E+00	0.00E+00	9.02E-10
3146	462825.49	3772266.78	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09	8.76E-10	0.00E+00	0.00E+00	0.00E+00	8.76E-10
3147	462834.55	3772262.98	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09	8.51E-10	0.00E+00	0.00E+00	0.00E+00	8.51E-10
3148	462843.61	3772259.19	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09	8.26E-10	0.00E+00	0.00E+00	0.00E+00	8.26E-10
3149	462852.66	3772255.4	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09	8.03E-10	0.00E+00	0.00E+00	0.00E+00	8.03E-10
3150	462861.72	3772251.6	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09	7.80E-10	0.00E+00	0.00E+00	0.00E+00	7.80E-10
3151	462870.78	3772247.81	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	7.58E-10	0.00E+00	0.00E+00	0.00E+00	7.58E-10
3152	462879.84	3772244.02	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09	7.37E-10	0.00E+00	0.00E+00	0.00E+00	7.37E-10
3153	462888.9	3772240.22	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09	7.17E-10	0.00E+00	0.00E+00	0.00E+00	7.17E-10
3154	462897.96	3772236.43	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09	6.97E-10	0.00E+00	0.00E+00	0.00E+00	6.97E-10
3155	462907.02	3772232.64	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09	6.79E-10	0.00E+00	0.00E+00	0.00E+00	6.79E-10
3156	461998.04	3773157.25	9.42E-09	0.00E+00	0.00E+00	0.00E+00	9.42E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09	6.18E-10	0.00E+00	0.00E+00	0.00E+00	6.18E-10
3157	461998.13	3773167.2	9.39E-09	0.00E+00	0.00E+00	0.00E+00	9.39E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09	6.16E-10	0.00E+00	0.00E+00	0.00E+00	6.16E-10
3158	461998.22	3773177.16	9.36E-09	0.00E+00	0.00E+00	0.00E+00	9.36E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09	6.14E-10	0.00E+00	0.00E+00	0.00E+00	6.14E-10
3159	461998.31	3773187.11	9.35E-09	0.00E+00	0.00E+00	0.00E+00	9.35E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09	6.13E-10	0.00E+00	0.00E+00	0.00E+00	6.13E-10
3160	461998.4	3773197.07	9.33E-09	0.00E+00	0.00E+00	0.00E+00	9.33E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09	6.12E-10	0.00E+00	0.00E+00	0.00E+00	6.12E-10
3161	461998.49	3773207.02	9.31E-09	0.00E+00	0.00E+00	0.00E+00	9.31E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09	6.11E-10	0.00E+00	0.00E+00	0.00E+00	6.11E-10
3162	461998.58	3773216.98	9.29E-09	0.00E+00	0.00E+00	0.00E+00	9.29E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.10E-10	0.00E+00	0.00E+00	0.00E+00	6.10E-10
3163	461998.68	3773226.93	9.26E-09	0.00E+00	0.00E+00	0.00E+00	9.26E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.08E-10	0.00E+00	0.00E+00	0.00E+00	6.08E-10
3164	461998.77	3773236.89	9.23E-09	0.00E+00	0.00E+00	0.00E+00	9.23E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09	6.06E-10	0.00E+00	0.00E+00	0.00E+00	6.06E-10
3165	461998.86	3773246.84	9.22E-09	0.00E+00	0.00E+00	0.00E+00	9.22E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09	6.05E-10	0.00E+00	0.00E+00	0.00E+00	6.05E-10
3166	461961.74	3773148.5	8.90E-09	0.00E+00	0.00E+00	0.00E+00	8.90E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09	5.84E-10	0.00E+00	0.00E+00	0.00E+00	5.84E-10
3167	461965.44	3773139.38	8.97E-09	0.00E+00	0.00E+00	0.00E+00	8.97E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09	5.89E-10	0.00E+00	0.00E+00	0.00E+00	5.89E-10
3168	461969.13	3773130.26	9.04E-09	0.00E+00	0.00E+00	0.00E+00	9.04E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09	5.93E-10	0.00E+00	0.00E+00	0.00E+00	5.93E-10
3169	461976.53	3773112.03	9.18E-09	0.00E+00	0.00E+00	0.00E+00	9.18E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09	6.03E-10	0.00E+00	0.00E+00	0.00E+00	6.03E-10
3170	461980.23	3773102.91	9.27E-09	0.00E+00	0.00E+00	0.00E+00	9.27E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.09E-10	0.00E+00	0.00E+00	0.00E+00	6.09E-10
3171	461983.92	3773093.8	9.35E-09	0.00E+00	0.00E+00	0.00E+00	9.35E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09	6.14E-10	0.00E+00	0.00E+00	0.00E+00	6.14E-10
3172	461987.62	3773084.68	9.42E-09	0.00E+00	0.00E+00	0.00E+00	9.42E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09	6.18E-10	0.00E+00	0.00E+00	0.00E+00	6.18E-10
3173	461991.32	3773075.56	9.49E-09	0.00E+00	0.00E+00	0.00E+00	9.49E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09	6.23E-10	0.00E+00	0.00E+00	0.00E+00	6.23E-10
3174	461995.02	3773066.45	9.57E-09	0.00E+00	0.00E+00	0.00E+00	9.57E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09	6.28E-10	0.00E+00	0.00E+00	0.00E+00	6.28E-10
3175	461998.72	3773057.33	9.65E-09	0.00E+00	0.00E+00	0.00E+00	9.65E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09	6.33E-10	0.00E+00	0.00E+00	0.00E+00	6.33E-10
3176	462002.41	3773048.21	9.72E-09	0.00E+00	0.00E+00	0.00E+00	9.72E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09	6.38E-10	0.00E+00	0.00E+00	0.00E+00	6.38E-10
3177	462006.11	3773039.09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	9.80E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09	6.43E-10	0.00E+00	0.00E+00	0.00E+00	6.43E-10
3178	462009.81	3773029.98	9.88E-09	0.00E+00	0.00E+00	0.00E+00	9.88E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09	6.48E-10	0.00E+00	0.00E+00	0.00E+00	6.48E-10
3179	462020.9	3773002.63	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09	6.64E-10	0.00E+00	0.00E+00	0.00E+00	6.64E-10
3180	462024.6	3772993.51	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09	6.70E-10	0.00E+00	0.00E+00	0.00E+00	6.70E-10
3181	462028.3	3772984.39	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09	6.75E-10	0.00E+00	0.00E+00	0.00E+00	6.75E-10
3182	462032	3772975.27	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09	6.82E-10	0.00E+00	0.00E+00	0.00E+00	6.82E-10
3183	462035.69	3772966.16	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09	6.87E-10	0.00E+00	0.00E+00	0.00E+00	6.87E-10
3184	462039.39	3772957.04	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.94E-10	0.00E+00	0.00E+00	0.00E+00	6.94E-10
3185	462043.09	3772947.92	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09	7.00E-10	0.00E+00	0.00E+00	0.00E+00	7.00E-10
3186	462046.79	3772938.81	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.07E-10	0.00E+00	0.00E+00	0.00E+00	7.07E-10
3187	462057.88	3772911.46	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09	7.27E-10	0.00E+00	0.00E+00	0.00E+00	7.27E-10
3188	462061.58	3772902.34	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.35E-10	0.00E+00	0.00E+00	0.00E+00	7.35E-10

3189	462065.28	3772893.22	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09	7.43E-10	0.00E+00	0.00E+00	0.00E+00	7.43E-10
3190	462068.97	3772884.1	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09	7.51E-10	0.00E+00	0.00E+00	0.00E+00	7.51E-10
3191	462087.46	3772838.52	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	7.97E-10	0.00E+00	0.00E+00	0.00E+00	7.97E-10
3192	462091.16	3772829.4	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09	8.07E-10	0.00E+00	0.00E+00	0.00E+00	8.07E-10
3193	462094.86	3772820.29	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	8.17E-10	0.00E+00	0.00E+00	0.00E+00	8.17E-10
3194	462098.56	3772811.17	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09	8.29E-10	0.00E+00	0.00E+00	0.00E+00	8.29E-10
3195	462102.26	3772802.05	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09	8.40E-10	0.00E+00	0.00E+00	0.00E+00	8.40E-10
3196	462105.95	3772792.93	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09	8.52E-10	0.00E+00	0.00E+00	0.00E+00	8.52E-10
3197	462109.65	3772783.82	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09	8.65E-10	0.00E+00	0.00E+00	0.00E+00	8.65E-10
3198	462113.35	3772774.7	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	8.78E-10	0.00E+00	0.00E+00	0.00E+00	8.78E-10
3199	462117.05	3772765.58	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09	8.91E-10	0.00E+00	0.00E+00	0.00E+00	8.91E-10
3200	462120.74	3772756.47	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09	9.05E-10	0.00E+00	0.00E+00	0.00E+00	9.05E-10
3201	462124.44	3772747.35	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09	9.19E-10	0.00E+00	0.00E+00	0.00E+00	9.19E-10
3202	462128.14	3772738.23	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09	9.34E-10	0.00E+00	0.00E+00	0.00E+00	9.34E-10
3203	462131.84	3772729.12	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09	9.49E-10	0.00E+00	0.00E+00	0.00E+00	9.49E-10
3204	462135.54	3772720	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09	9.64E-10	0.00E+00	0.00E+00	0.00E+00	9.64E-10
3205	462139.23	3772710.88	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09	9.80E-10	0.00E+00	0.00E+00	0.00E+00	9.80E-10
3206	462142.93	3772701.76	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09	9.96E-10	0.00E+00	0.00E+00	0.00E+00	9.96E-10
3207	462146.63	3772692.65	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08	2.36E-09	0.00E+00	0.00E+00	0.00E+00	2.36E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
3208	462150.33	3772683.53	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
3209	462154.02	3772674.41	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.44E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
3210	462157.72	3772665.3	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09
3211	462161.42	3772656.18	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
3212	462165.12	3772647.06	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
3213	462168.82	3772637.95	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
3214	462172.51	3772628.83	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
3215	462176.21	3772619.71	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
3216	462179.91	3772610.59	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	2.72E-09	0.00E+00	0.00E+00	0.00E+00	2.72E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
3217	462183.61	3772601.48	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08	2.75E-09	0.00E+00	0.00E+00	0.00E+00	2.75E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09
3218	462187.31	3772592.36	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	2.79E-09	0.00E+00	0.00E+00	0.00E+00	2.79E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
3219	462191	3772583.24	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08	2.83E-09	0.00E+00	0.00E+00	0.00E+00	2.83E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
3220	462194.7	3772574.13	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	2.86E-09	0.00E+00	0.00E+00	0.00E+00	2.86E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
3221	462198.4	3772565.01	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
3222	462227.98	3772492.07	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	3.11E-09	0.00E+00	0.00E+00	0.00E+00	3.11E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
3223	462231.68	3772482.96	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
3224	462244.45	3772470.04	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08	3.20E-09	0.00E+00	0.00E+00	0.00E+00	3.20E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09
3225	462298.9	3772447.24	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08	3.50E-09	0.00E+00	0.00E+00	0.00E+00	3.50E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
3226	462307.98	3772443.44	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
3227	462317.05	3772439.64	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
3228	462326.13	3772435.84	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	3.63E-09	0.00E+00	0.00E+00	0.00E+00	3.63E-09	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09
3229	462335.2	3772432.04	2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08	3.66E-09	0.00E+00	0.00E+00	0.00E+00	3.66E-09	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09
3230	462344.28	3772428.24	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	3.70E-09	0.00E+00	0.00E+00	0.00E+00	3.70E-09	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09
3231	462353.35	3772424.44	2.44E-08	0.00E+00	0.00E+00	0.00E+00	2.44E-08	3.73E-09	0.00E+00	0.00E+00	0.00E+00	3.73E-09	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09
3232	462362.43	3772420.64	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
3233	462371.5	3772416.84	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	3.79E-09	0.00E+00	0.00E+00	0.00E+00	3.79E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09
3234	462380.58	3772413.04	2.49E-08	0.00E+00	0.00E+00	0.00E+00	2.49E-08	3.81E-09	0.00E+00	0.00E+00	0.00E+00	3.81E-09	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09
3235	462389.65	3772409.24	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
3236	462398.73	3772405.44	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	3.85E-09	0.00E+00	0.00E+00	0.00E+00	3.85E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
3237	462407.8	3772401.64	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
3238	462416.88	3772397.84	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.87E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
3239	462425.95	3772394.04	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
3240	462435.03	3772390.24	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
3241	462444.1	3772386.44	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
3242	462453.17	3772382.64	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
3243	462462.25	3772378.84	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.87E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
3244	462471.32	3772375.04	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
3245	462480.4	3772371.24	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	3.84E-09	0.00E+00	0.00E+00	0.00E+00	3.84E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09

3246	462489.47	3772367.44	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
3247	462498.55	3772363.64	2.49E-08	0.00E+00	0.00E+00	0.00E+00	2.49E-08	3.80E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-09	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09
3248	462507.62	3772359.84	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	3.78E-09	0.00E+00	0.00E+00	0.00E+00	3.78E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09
3249	462516.7	3772356.04	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	3.75E-09	0.00E+00	0.00E+00	0.00E+00	3.75E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
3250	462525.77	3772352.24	2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08	3.72E-09	0.00E+00	0.00E+00	0.00E+00	3.72E-09	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09
3251	462534.85	3772348.44	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	3.69E-09	0.00E+00	0.00E+00	0.00E+00	3.69E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
3252	462543.92	3772344.64	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.38E-08	3.65E-09	0.00E+00	0.00E+00	0.00E+00	3.65E-09	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09
3253	462553	3772340.84	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.61E-09	0.00E+00	0.00E+00	0.00E+00	3.61E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
3254	462562.07	3772337.04	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08	3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09
3255	462571.15	3772333.24	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
3256	462580.22	3772329.44	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	3.48E-09	0.00E+00	0.00E+00	0.00E+00	3.48E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
3257	462589.3	3772325.64	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08	3.43E-09	0.00E+00	0.00E+00	0.00E+00	3.43E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09
3258	462598.37	3772321.84	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08	3.37E-09	0.00E+00	0.00E+00	0.00E+00	3.37E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09
3259	462607.45	3772318.04	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
3260	462625.6	3772310.44	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08	3.21E-09	0.00E+00	0.00E+00	0.00E+00	3.21E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09
3261	462634.67	3772306.64	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.15E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09
3262	462643.75	3772302.84	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08	3.09E-09	0.00E+00	0.00E+00	0.00E+00	3.09E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09
3263	462652.82	3772299.04	1.98E-08	0.00E+00	0.00E+00	0.00E+00	1.98E-08	3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.03E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09
3264	462661.9	3772295.24	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08	2.96E-09	0.00E+00	0.00E+00	0.00E+00	2.96E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
3265	462670.97	3772291.44	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	2.90E-09	0.00E+00	0.00E+00	0.00E+00	2.90E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
3266	462680.05	3772287.64	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08	2.84E-09	0.00E+00	0.00E+00	0.00E+00	2.84E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
3267	462689.12	3772283.84	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
3268	462698.2	3772280.04	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	2.71E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
3269	462707.27	3772276.24	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
3270	462716.35	3772272.44	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
3271	462725.42	3772268.64	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	2.51E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
3272	462734.5	3772264.84	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
3273	462743.57	3772261.04	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
3274	462752.65	3772257.24	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09	9.96E-10	0.00E+00	0.00E+00	0.00E+00	9.96E-10
3275	462761.72	3772253.44	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09	9.70E-10	0.00E+00	0.00E+00	0.00E+00	9.70E-10
3276	462770.8	3772249.64	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09	9.43E-10	0.00E+00	0.00E+00	0.00E+00	9.43E-10
3277	462779.87	3772245.84	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09	9.18E-10	0.00E+00	0.00E+00	0.00E+00	9.18E-10
3278	462788.95	3772242.04	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09	8.92E-10	0.00E+00	0.00E+00	0.00E+00	8.92E-10
3279	462798.02	3772238.24	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09	8.67E-10	0.00E+00	0.00E+00	0.00E+00	8.67E-10
3280	462807.1	3772234.44	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09	8.43E-10	0.00E+00	0.00E+00	0.00E+00	8.43E-10
3281	462816.17	3772230.64	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	8.20E-10	0.00E+00	0.00E+00	0.00E+00	8.20E-10
3282	462825.25	3772226.84	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	7.97E-10	0.00E+00	0.00E+00	0.00E+00	7.97E-10
3283	462834.32	3772223.04	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09	7.75E-10	0.00E+00	0.00E+00	0.00E+00	7.75E-10
3284	462843.4	3772219.24	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09	7.54E-10	0.00E+00	0.00E+00	0.00E+00	7.54E-10
3285	462852.47	3772215.44	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.33E-10	0.00E+00	0.00E+00	0.00E+00	7.33E-10
3286	462861.55	3772211.64	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	7.13E-10	0.00E+00	0.00E+00	0.00E+00	7.13E-10
3287	462870.62	3772207.84	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.94E-10	0.00E+00	0.00E+00	0.00E+00	6.94E-10
3288	462879.7	3772204.04	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09	6.75E-10	0.00E+00	0.00E+00	0.00E+00	6.75E-10
3289	462888.77	3772200.24	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.58E-10	0.00E+00	0.00E+00	0.00E+00	6.58E-10
3290	462897.85	3772196.44	9.77E-09	0.00E+00	0.00E+00	0.00E+00	9.77E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09	6.41E-10	0.00E+00	0.00E+00	0.00E+00	6.41E-10
3291	462906.92	3772192.64	9.53E-09	0.00E+00	0.00E+00	0.00E+00	9.53E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09	6.25E-10	0.00E+00	0.00E+00	0.00E+00	6.25E-10
3292	461958.04	3773157.62	8.82E-09	0.00E+00	0.00E+00	0.00E+00	8.82E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	5.79E-10	0.00E+00	0.00E+00	0.00E+00	5.79E-10
3293	461958.13	3773167.57	8.79E-09	0.00E+00	0.00E+00	0.00E+00	8.79E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	5.77E-10	0.00E+00	0.00E+00	0.00E+00	5.77E-10
3294	461958.22	3773177.53	8.77E-09	0.00E+00	0.00E+00	0.00E+00	8.77E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	5.75E-10	0.00E+00	0.00E+00	0.00E+00	5.75E-10
3295	461958.31	3773187.48	8.75E-09	0.00E+00	0.00E+00	0.00E+00	8.75E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	5.74E-10	0.00E+00	0.00E+00	0.00E+00	5.74E-10
3296	461958.4	3773197.44	8.74E-09	0.00E+00	0.00E+00	0.00E+00	8.74E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	5.73E-10	0.00E+00	0.00E+00	0.00E+00	5.73E-10
3297	461958.5	3773207.39	8.72E-09	0.00E+00	0.00E+00	0.00E+00	8.72E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	5.72E-10	0.00E+00	0.00E+00	0.00E+00	5.72E-10
3298	461958.59	3773217.35	8.70E-09	0.00E+00	0.00E+00	0.00E+00	8.70E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.71E-10	0.00E+00	0.00E+00	0.00E+00	5.71E-10
3299	461958.68	3773227.3	8.67E-09	0.00E+00	0.00E+00	0.00E+00	8.67E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.69E-10	0.00E+00	0.00E+00	0.00E+00	5.69E-10
3300	461958.77	3773237.26	8.65E-09	0.00E+00	0.00E+00	0.00E+00	8.65E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09	5.67E-10	0.00E+00	0.00E+00	0.00E+00	5.67E-10
3301	461958.86	3773247.21	8.62E-09	0.00E+00	0.00E+00	0.00E+00	8.62E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09	5.66E-10	0.00E+00	0.00E+00	0.00E+00	5.66E-10
3302	461921.75	3773148.85	8.37E-09	0.00E+00	0.00E+00	0.00E+00	8.37E-09	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09	5.49E-10	0.00E+00	0.00E+00	0.00E+00	5.49E-10

3303	461925.45	3773139.72	8.43E-09	0.00E+00	0.00E+00	0.00E+00	8.43E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09	5.53E-10	0.00E+00	0.00E+00	0.00E+00	5.53E-10
3304	461929.15	3773130.59	8.49E-09	0.00E+00	0.00E+00	0.00E+00	8.49E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09	5.57E-10	0.00E+00	0.00E+00	0.00E+00	5.57E-10
3305	461936.56	3773112.32	8.62E-09	0.00E+00	0.00E+00	0.00E+00	8.62E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09	5.66E-10	0.00E+00	0.00E+00	0.00E+00	5.66E-10
3306	461940.26	3773103.19	8.70E-09	0.00E+00	0.00E+00	0.00E+00	8.70E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.71E-10	0.00E+00	0.00E+00	0.00E+00	5.71E-10
3307	461943.97	3773094.06	8.77E-09	0.00E+00	0.00E+00	0.00E+00	8.77E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	5.76E-10	0.00E+00	0.00E+00	0.00E+00	5.76E-10
3308	461947.67	3773084.93	8.84E-09	0.00E+00	0.00E+00	0.00E+00	8.84E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	5.80E-10	0.00E+00	0.00E+00	0.00E+00	5.80E-10
3309	461951.38	3773075.8	8.91E-09	0.00E+00	0.00E+00	0.00E+00	8.91E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09	5.85E-10	0.00E+00	0.00E+00	0.00E+00	5.85E-10
3310	461955.08	3773066.66	8.97E-09	0.00E+00	0.00E+00	0.00E+00	8.97E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09	5.89E-10	0.00E+00	0.00E+00	0.00E+00	5.89E-10
3311	461958.78	3773057.53	9.04E-09	0.00E+00	0.00E+00	0.00E+00	9.04E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09	5.93E-10	0.00E+00	0.00E+00	0.00E+00	5.93E-10
3312	461962.49	3773048.4	9.11E-09	0.00E+00	0.00E+00	0.00E+00	9.11E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09	5.98E-10	0.00E+00	0.00E+00	0.00E+00	5.98E-10
3313	461966.19	3773039.27	9.18E-09	0.00E+00	0.00E+00	0.00E+00	9.18E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09	6.02E-10	0.00E+00	0.00E+00	0.00E+00	6.02E-10
3314	461969.89	3773030.14	9.25E-09	0.00E+00	0.00E+00	0.00E+00	9.25E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.07E-10	0.00E+00	0.00E+00	0.00E+00	6.07E-10
3315	461981.01	3773002.74	9.47E-09	0.00E+00	0.00E+00	0.00E+00	9.47E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09	6.21E-10	0.00E+00	0.00E+00	0.00E+00	6.21E-10
3316	461984.71	3772993.61	9.54E-09	0.00E+00	0.00E+00	0.00E+00	9.54E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09	6.26E-10	0.00E+00	0.00E+00	0.00E+00	6.26E-10
3317	461988.41	3772984.48	9.61E-09	0.00E+00	0.00E+00	0.00E+00	9.61E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09	6.31E-10	0.00E+00	0.00E+00	0.00E+00	6.31E-10
3318	461992.12	3772975.35	9.69E-09	0.00E+00	0.00E+00	0.00E+00	9.69E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09	6.36E-10	0.00E+00	0.00E+00	0.00E+00	6.36E-10
3319	461995.82	3772966.22	9.78E-09	0.00E+00	0.00E+00	0.00E+00	9.78E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09	6.42E-10	0.00E+00	0.00E+00	0.00E+00	6.42E-10
3320	461999.52	3772957.09	9.85E-09	0.00E+00	0.00E+00	0.00E+00	9.85E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09	6.47E-10	0.00E+00	0.00E+00	0.00E+00	6.47E-10
3321	462003.23	3772947.95	9.94E-09	0.00E+00	0.00E+00	0.00E+00	9.94E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09	6.52E-10	0.00E+00	0.00E+00	0.00E+00	6.52E-10
3322	462006.93	3772938.82	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.58E-10	0.00E+00	0.00E+00	0.00E+00	6.58E-10
3323	462010.64	3772929.69	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09	6.64E-10	0.00E+00	0.00E+00	0.00E+00	6.64E-10
3324	462014.34	3772920.56	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09	6.70E-10	0.00E+00	0.00E+00	0.00E+00	6.70E-10
3325	462018.04	3772911.43	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09	6.76E-10	0.00E+00	0.00E+00	0.00E+00	6.76E-10
3326	462021.75	3772902.3	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09	6.82E-10	0.00E+00	0.00E+00	0.00E+00	6.82E-10
3327	462025.45	3772893.16	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09	6.89E-10	0.00E+00	0.00E+00	0.00E+00	6.89E-10
3328	462029.15	3772884.03	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.96E-10	0.00E+00	0.00E+00	0.00E+00	6.96E-10
3329	462032.86	3772874.9	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09	7.03E-10	0.00E+00	0.00E+00	0.00E+00	7.03E-10
3330	462047.67	3772838.37	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.34E-10	0.00E+00	0.00E+00	0.00E+00	7.34E-10
3331	462051.38	3772829.24	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09	7.43E-10	0.00E+00	0.00E+00	0.00E+00	7.43E-10
3332	462055.08	3772820.11	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09	7.52E-10	0.00E+00	0.00E+00	0.00E+00	7.52E-10
3333	462058.78	3772810.98	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	7.61E-10	0.00E+00	0.00E+00	0.00E+00	7.61E-10
3334	462062.49	3772801.85	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09	7.71E-10	0.00E+00	0.00E+00	0.00E+00	7.71E-10
3335	462066.19	3772792.72	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09	7.81E-10	0.00E+00	0.00E+00	0.00E+00	7.81E-10
3336	462069.9	3772783.58	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09	7.91E-10	0.00E+00	0.00E+00	0.00E+00	7.91E-10
3337	462073.6	3772774.45	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09	8.02E-10	0.00E+00	0.00E+00	0.00E+00	8.02E-10
3338	462077.3	3772765.32	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	8.13E-10	0.00E+00	0.00E+00	0.00E+00	8.13E-10
3339	462081.01	3772756.19	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09	8.24E-10	0.00E+00	0.00E+00	0.00E+00	8.24E-10
3340	462084.71	3772747.06	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09	8.36E-10	0.00E+00	0.00E+00	0.00E+00	8.36E-10
3341	462088.41	3772737.93	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09	8.49E-10	0.00E+00	0.00E+00	0.00E+00	8.49E-10
3342	462092.12	3772728.79	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09	8.61E-10	0.00E+00	0.00E+00	0.00E+00	8.61E-10
3343	462095.82	3772719.66	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09	8.75E-10	0.00E+00	0.00E+00	0.00E+00	8.75E-10
3344	462099.53	3772710.53	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09	8.88E-10	0.00E+00	0.00E+00	0.00E+00	8.88E-10
3345	462103.23	3772701.4	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09	9.02E-10	0.00E+00	0.00E+00	0.00E+00	9.02E-10
3346	462106.93	3772692.27	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09	9.16E-10	0.00E+00	0.00E+00	0.00E+00	9.16E-10
3347	462110.64	3772683.14	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09	9.30E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-10
3348	462114.34	3772674	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09	9.45E-10	0.00E+00	0.00E+00	0.00E+00	9.45E-10
3349	462118.04	3772664.87	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09	9.60E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-10
3350	462121.75	3772655.74	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09	9.75E-10	0.00E+00	0.00E+00	0.00E+00	9.75E-10
3351	462125.45	3772646.61	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09	9.90E-10	0.00E+00	0.00E+00	0.00E+00	9.90E-10
3352	462129.16	3772637.48	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09
3353	462132.86	3772628.35	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
3354	462136.56	3772619.22	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
3355	462140.27	3772610.08	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
3356	462143.97	3772600.95	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
3357	462147.67	3772591.82	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
3358	462151.38	3772582.69	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
3359	462155.08	3772573.56	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09

3360	462158.79	3772564.43	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	2.62E-09	0.00E+00	0.00E+00	0.00E+00	2.62E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
3361	462162.49	3772555.29	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	2.65E-09	0.00E+00	0.00E+00	0.00E+00	2.65E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
3362	462166.19	3772546.16	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
3363	462169.9	3772537.03	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	2.72E-09	0.00E+00	0.00E+00	0.00E+00	2.72E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
3364	462173.6	3772527.9	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09
3365	462177.3	3772518.77	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
3366	462181.01	3772509.64	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	2.80E-09	0.00E+00	0.00E+00	0.00E+00	2.80E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
3367	462184.71	3772500.5	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
3368	462188.42	3772491.37	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	2.85E-09	0.00E+00	0.00E+00	0.00E+00	2.85E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
3369	462192.12	3772482.24	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
3370	462195.82	3772473.11	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
3371	462225.11	3772438.1	1.98E-08	0.00E+00	0.00E+00	0.00E+00	1.98E-08	3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.03E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09
3372	462234.2	3772434.3	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	3.08E-09	0.00E+00	0.00E+00	0.00E+00	3.08E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09
3373	462243.29	3772430.49	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
3374	462252.38	3772426.68	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
3375	462261.47	3772422.88	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
3376	462270.56	3772419.07	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.26E-09	0.00E+00	0.00E+00	0.00E+00	3.26E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
3377	462279.65	3772415.27	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
3378	462288.74	3772411.46	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	3.34E-09	0.00E+00	0.00E+00	0.00E+00	3.34E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09
3379	462297.83	3772407.65	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08	3.37E-09	0.00E+00	0.00E+00	0.00E+00	3.37E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09
3380	462306.92	3772403.85	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
3381	462316.01	3772400.04	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	3.44E-09	0.00E+00	0.00E+00	0.00E+00	3.44E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09
3382	462325.1	3772396.24	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	3.47E-09	0.00E+00	0.00E+00	0.00E+00	3.47E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
3383	462334.19	3772392.43	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08	3.50E-09	0.00E+00	0.00E+00	0.00E+00	3.50E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
3384	462343.28	3772388.62	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
3385	462352.37	3772384.82	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
3386	462361.46	3772381.01	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08	3.56E-09	0.00E+00	0.00E+00	0.00E+00	3.56E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09
3387	462370.54	3772377.21	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08	3.58E-09	0.00E+00	0.00E+00	0.00E+00	3.58E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09
3388	462379.63	3772373.4	2.35E-08	0.00E+00	0.00E+00	0.00E+00	2.35E-08	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
3389	462388.72	3772369.59	2.35E-08	0.00E+00	0.00E+00	0.00E+00	2.35E-08	3.60E-09	0.00E+00	0.00E+00	0.00E+00	3.60E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
3390	462397.81	3772365.79	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.61E-09	0.00E+00	0.00E+00	0.00E+00	3.61E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
3391	462406.9	3772361.98	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.62E-09	0.00E+00	0.00E+00	0.00E+00	3.62E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
3392	462415.99	3772358.18	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.62E-09	0.00E+00	0.00E+00	0.00E+00	3.62E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
3393	462425.08	3772354.37	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.62E-09	0.00E+00	0.00E+00	0.00E+00	3.62E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
3394	462434.17	3772350.56	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.61E-09	0.00E+00	0.00E+00	0.00E+00	3.61E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
3395	462443.26	3772346.76	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.61E-09	0.00E+00	0.00E+00	0.00E+00	3.61E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
3396	462452.35	3772342.95	2.35E-08	0.00E+00	0.00E+00	0.00E+00	2.35E-08	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
3397	462461.44	3772339.14	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08	3.58E-09	0.00E+00	0.00E+00	0.00E+00	3.58E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
3398	462470.53	3772335.34	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08	3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09
3399	462479.62	3772331.53	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	3.55E-09	0.00E+00	0.00E+00	0.00E+00	3.55E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
3400	462488.71	3772327.73	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
3401	462497.8	3772323.92	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08	3.50E-09	0.00E+00	0.00E+00	0.00E+00	3.50E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
3402	462506.89	3772320.11	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	3.47E-09	0.00E+00	0.00E+00	0.00E+00	3.47E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
3403	462515.98	3772316.31	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	3.44E-09	0.00E+00	0.00E+00	0.00E+00	3.44E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09
3404	462525.07	3772312.5	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
3405	462534.15	3772308.7	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08	3.37E-09	0.00E+00	0.00E+00	0.00E+00	3.37E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09
3406	462543.24	3772304.89	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	3.34E-09	0.00E+00	0.00E+00	0.00E+00	3.34E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09
3407	462552.33	3772301.08	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
3408	462561.42	3772297.28	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
3409	462570.51	3772293.47	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.21E-09	0.00E+00	0.00E+00	0.00E+00	3.21E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
3410	462579.6	3772289.67	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.16E-09	0.00E+00	0.00E+00	0.00E+00	3.16E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
3411	462588.69	3772285.86	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	3.12E-09	0.00E+00	0.00E+00	0.00E+00	3.12E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
3412	462597.78	3772282.05	2.00E-08	0.00E+00	0.00E+00	0.00E+00	2.00E-08	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09
3413	462606.87	3772278.25	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
3414	462625.05	3772270.64	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
3415	462634.14	3772266.83	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	2.85E-09	0.00E+00	0.00E+00	0.00E+00	2.85E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
3416	462643.23	3772263.02	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	2.80E-09	0.00E+00	0.00E+00	0.00E+00	2.80E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09

3417	462652.32	3772259.22	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09
3418	462661.41	3772255.41	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
3419	462670.5	3772251.61	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	2.63E-09	0.00E+00	0.00E+00	0.00E+00	2.63E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
3420	462679.59	3772247.8	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	2.57E-09	0.00E+00	0.00E+00	0.00E+00	2.57E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
3421	462688.68	3772243.99	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	2.51E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
3422	462697.76	3772240.19	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
3423	462706.85	3772236.38	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
3424	462715.94	3772232.58	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09
3425	462725.03	3772228.77	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09	9.77E-10	0.00E+00	0.00E+00	0.00E+00	9.77E-10
3426	462734.12	3772224.96	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08	2.22E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-09	9.52E-10	0.00E+00	0.00E+00	0.00E+00	9.52E-10
3427	462743.21	3772221.16	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09	9.28E-10	0.00E+00	0.00E+00	0.00E+00	9.28E-10
3428	462752.3	3772217.35	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09	9.04E-10	0.00E+00	0.00E+00	0.00E+00	9.04E-10
3429	462761.39	3772213.55	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	8.81E-10	0.00E+00	0.00E+00	0.00E+00	8.81E-10
3430	462770.48	3772209.74	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09	8.58E-10	0.00E+00	0.00E+00	0.00E+00	8.58E-10
3431	462779.57	3772205.93	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09	8.35E-10	0.00E+00	0.00E+00	0.00E+00	8.35E-10
3432	462788.66	3772202.13	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	8.13E-10	0.00E+00	0.00E+00	0.00E+00	8.13E-10
3433	462797.75	3772198.32	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09	7.91E-10	0.00E+00	0.00E+00	0.00E+00	7.91E-10
3434	462806.84	3772194.51	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09	7.70E-10	0.00E+00	0.00E+00	0.00E+00	7.70E-10
3435	462815.93	3772190.71	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09	7.49E-10	0.00E+00	0.00E+00	0.00E+00	7.49E-10
3436	462825.02	3772186.9	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09	7.29E-10	0.00E+00	0.00E+00	0.00E+00	7.29E-10
3437	462834.11	3772183.1	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	7.10E-10	0.00E+00	0.00E+00	0.00E+00	7.10E-10
3438	462843.2	3772179.29	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09	6.91E-10	0.00E+00	0.00E+00	0.00E+00	6.91E-10
3439	462852.29	3772175.48	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09	6.73E-10	0.00E+00	0.00E+00	0.00E+00	6.73E-10
3440	462861.38	3772171.68	9.99E-09	0.00E+00	0.00E+00	0.00E+00	9.99E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09	6.56E-10	0.00E+00	0.00E+00	0.00E+00	6.56E-10
3441	462870.46	3772167.87	9.73E-09	0.00E+00	0.00E+00	0.00E+00	9.73E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09	6.38E-10	0.00E+00	0.00E+00	0.00E+00	6.38E-10
3442	462879.55	3772164.07	9.49E-09	0.00E+00	0.00E+00	0.00E+00	9.49E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09	6.23E-10	0.00E+00	0.00E+00	0.00E+00	6.23E-10
3443	462888.64	3772160.26	9.25E-09	0.00E+00	0.00E+00	0.00E+00	9.25E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.07E-10	0.00E+00	0.00E+00	0.00E+00	6.07E-10
3444	462897.73	3772156.45	9.03E-09	0.00E+00	0.00E+00	0.00E+00	9.03E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09	5.92E-10	0.00E+00	0.00E+00	0.00E+00	5.92E-10
3445	462906.82	3772152.65	8.81E-09	0.00E+00	0.00E+00	0.00E+00	8.81E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	5.78E-10	0.00E+00	0.00E+00	0.00E+00	5.78E-10
3446	461918.04	3773157.98	8.29E-09	0.00E+00	0.00E+00	0.00E+00	8.29E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09	5.44E-10	0.00E+00	0.00E+00	0.00E+00	5.44E-10
3447	461918.13	3773167.94	8.26E-09	0.00E+00	0.00E+00	0.00E+00	8.26E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09	5.42E-10	0.00E+00	0.00E+00	0.00E+00	5.42E-10
3448	461918.22	3773177.89	8.24E-09	0.00E+00	0.00E+00	0.00E+00	8.24E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09	5.41E-10	0.00E+00	0.00E+00	0.00E+00	5.41E-10
3449	461918.31	3773187.85	8.23E-09	0.00E+00	0.00E+00	0.00E+00	8.23E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09	5.40E-10	0.00E+00	0.00E+00	0.00E+00	5.40E-10
3450	461918.41	3773197.8	8.21E-09	0.00E+00	0.00E+00	0.00E+00	8.21E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09	5.39E-10	0.00E+00	0.00E+00	0.00E+00	5.39E-10
3451	461918.5	3773207.76	8.20E-09	0.00E+00	0.00E+00	0.00E+00	8.20E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09	5.38E-10	0.00E+00	0.00E+00	0.00E+00	5.38E-10
3452	461918.59	3773217.71	8.18E-09	0.00E+00	0.00E+00	0.00E+00	8.18E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09	5.37E-10	0.00E+00	0.00E+00	0.00E+00	5.37E-10
3453	461918.68	3773227.67	8.15E-09	0.00E+00	0.00E+00	0.00E+00	8.15E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09	5.35E-10	0.00E+00	0.00E+00	0.00E+00	5.35E-10
3454	461918.77	3773237.62	8.13E-09	0.00E+00	0.00E+00	0.00E+00	8.13E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09	5.33E-10	0.00E+00	0.00E+00	0.00E+00	5.33E-10
3455	461918.86	3773247.58	8.11E-09	0.00E+00	0.00E+00	0.00E+00	8.11E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09	5.32E-10	0.00E+00	0.00E+00	0.00E+00	5.32E-10
3456	462917.5	3773287.81	2.28E-06	0.00E+00	0.00E+00	0.00E+00	2.28E-06	3.50E-07	0.00E+00	0.00E+00	0.00E+00	3.50E-07	1.50E-07	0.00E+00	0.00E+00	0.00E+00	1.50E-07
3457	462909.06	3773284.33	1.97E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	3.01E-07	0.00E+00	0.00E+00	0.00E+00	3.01E-07	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07
3458	462900.61	3773280.86	1.69E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	2.59E-07	0.00E+00	0.00E+00	0.00E+00	2.59E-07	1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07
3459	462917.5	3773297.81	1.87E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	2.87E-07	0.00E+00	0.00E+00	0.00E+00	2.87E-07	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07
3460	462909.06	3773294.33	1.64E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	2.52E-07	0.00E+00	0.00E+00	0.00E+00	2.52E-07	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07
3461	462900.61	3773290.86	1.44E-06	0.00E+00	0.00E+00	0.00E+00	1.44E-06	2.20E-07	0.00E+00	0.00E+00	0.00E+00	2.20E-07	9.44E-08	0.00E+00	0.00E+00	0.00E+00	9.44E-08
3462	462892.16	3773287.38	1.26E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	1.93E-07	0.00E+00	0.00E+00	0.00E+00	1.93E-07	8.28E-08	0.00E+00	0.00E+00	0.00E+00	8.28E-08
3463	462883.12	3773282.5	1.12E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	1.71E-07	0.00E+00	0.00E+00	0.00E+00	1.71E-07	7.32E-08	0.00E+00	0.00E+00	0.00E+00	7.32E-08
3464	462917.5	3773307.81	1.59E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	2.43E-07	0.00E+00	0.00E+00	0.00E+00	2.43E-07	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07
3465	462909.06	3773304.33	1.41E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	2.15E-07	0.00E+00	0.00E+00	0.00E+00	2.15E-07	9.23E-08	0.00E+00	0.00E+00	0.00E+00	9.23E-08
3466	462900.61	3773300.86	1.24E-06	0.00E+00	0.00E+00	0.00E+00	1.24E-06	1.90E-07	0.00E+00	0.00E+00	0.00E+00	1.90E-07	8.16E-08	0.00E+00	0.00E+00	0.00E+00	8.16E-08
3467	462892.16	3773297.38	1.10E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	1.68E-07	0.00E+00	0.00E+00	0.00E+00	1.68E-07	7.21E-08	0.00E+00	0.00E+00	0.00E+00	7.21E-08
3468	462883.72	3773293.91	9.77E-07	0.00E+00	0.00E+00	0.00E+00	9.77E-07	1.50E-07	0.00E+00	0.00E+00	0.00E+00	1.50E-07	6.41E-08	0.00E+00	0.00E+00	0.00E+00	6.41E-08
3469	462875.49	3773288.21	8.96E-07	0.00E+00	0.00E+00	0.00E+00	8.96E-07	1.37E-07	0.00E+00	0.00E+00	0.00E+00	1.37E-07	5.88E-08	0.00E+00	0.00E+00	0.00E+00	5.88E-08
3470	462871.94	3773279.79	9.19E-07	0.00E+00	0.00E+00	0.00E+00	9.19E-07	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	6.03E-08	0.00E+00	0.00E+00	0.00E+00	6.03E-08
3471	462917.5	3773317.81	1.36E-06	0.00E+00	0.00E+00	0.00E+00	1.36E-06	2.08E-07	0.00E+00	0.00E+00	0.00E+00	2.08E-07	8.90E-08	0.00E+00	0.00E+00	0.00E+00	8.90E-08
3472	462909.06	3773314.33	1.22E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	1.86E-07	0.00E+00	0.00E+00	0.00E+00	1.86E-07	8.00E-08	0.00E+00	0.00E+00	0.00E+00	8.00E-08
3473	462900.61	3773310.86	1.09E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	1.67E-07	0.00E+00	0.00E+00	0.00E+00	1.67E-07	7.16E-08	0.00E+00	0.00E+00	0.00E+00	7.16E-08

3474	462892.16	3773307.38	9.75E-07	0.00E+00	0.00E+00	0.00E+00	9.75E-07	1.49E-07	0.00E+00	0.00E+00	0.00E+00	1.49E-07	6.40E-08	0.00E+00	0.00E+00	0.00E+00	6.40E-08
3475	462883.72	3773303.91	8.72E-07	0.00E+00	0.00E+00	0.00E+00	8.72E-07	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	5.72E-08	0.00E+00	0.00E+00	0.00E+00	5.72E-08
3476	462875.27	3773300.43	7.81E-07	0.00E+00	0.00E+00	0.00E+00	7.81E-07	1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07	5.13E-08	0.00E+00	0.00E+00	0.00E+00	5.13E-08
3477	462867.86	3773293.91	7.37E-07	0.00E+00	0.00E+00	0.00E+00	7.37E-07	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07	4.83E-08	0.00E+00	0.00E+00	0.00E+00	4.83E-08
3478	462864.31	3773285.49	7.53E-07	0.00E+00	0.00E+00	0.00E+00	7.53E-07	1.15E-07	0.00E+00	0.00E+00	0.00E+00	1.15E-07	4.94E-08	0.00E+00	0.00E+00	0.00E+00	4.94E-08
3479	462917.5	3773327.81	1.17E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	1.79E-07	0.00E+00	0.00E+00	0.00E+00	1.79E-07	7.66E-08	0.00E+00	0.00E+00	0.00E+00	7.66E-08
3480	462909.06	3773324.33	1.06E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	1.63E-07	0.00E+00	0.00E+00	0.00E+00	1.63E-07	6.98E-08	0.00E+00	0.00E+00	0.00E+00	6.98E-08
3481	462900.61	3773320.86	9.61E-07	0.00E+00	0.00E+00	0.00E+00	9.61E-07	1.47E-07	0.00E+00	0.00E+00	0.00E+00	1.47E-07	6.31E-08	0.00E+00	0.00E+00	0.00E+00	6.31E-08
3482	462892.16	3773317.38	8.68E-07	0.00E+00	0.00E+00	0.00E+00	8.68E-07	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	5.70E-08	0.00E+00	0.00E+00	0.00E+00	5.70E-08
3483	462883.72	3773313.91	7.83E-07	0.00E+00	0.00E+00	0.00E+00	7.83E-07	1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07	5.14E-08	0.00E+00	0.00E+00	0.00E+00	5.14E-08
3484	462875.27	3773310.43	7.06E-07	0.00E+00	0.00E+00	0.00E+00	7.06E-07	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	4.63E-08	0.00E+00	0.00E+00	0.00E+00	4.63E-08
3485	462866.82	3773306.95	6.38E-07	0.00E+00	0.00E+00	0.00E+00	6.38E-07	9.76E-08	0.00E+00	0.00E+00	0.00E+00	9.76E-08	4.19E-08	0.00E+00	0.00E+00	0.00E+00	4.19E-08
3486	462860.23	3773299.61	6.17E-07	0.00E+00	0.00E+00	0.00E+00	6.17E-07	9.45E-08	0.00E+00	0.00E+00	0.00E+00	9.45E-08	4.05E-08	0.00E+00	0.00E+00	0.00E+00	4.05E-08
3487	462856.09	3773289.79	6.32E-07	0.00E+00	0.00E+00	0.00E+00	6.32E-07	9.67E-08	0.00E+00	0.00E+00	0.00E+00	9.67E-08	4.15E-08	0.00E+00	0.00E+00	0.00E+00	4.15E-08
3488	462851.94	3773279.97	6.41E-07	0.00E+00	0.00E+00	0.00E+00	6.41E-07	9.81E-08	0.00E+00	0.00E+00	0.00E+00	9.81E-08	4.20E-08	0.00E+00	0.00E+00	0.00E+00	4.20E-08
3489	462917.47	3773337.8	1.00E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	1.54E-07	0.00E+00	0.00E+00	0.00E+00	1.54E-07	6.59E-08	0.00E+00	0.00E+00	0.00E+00	6.59E-08
3490	462908.83	3773334.24	9.22E-07	0.00E+00	0.00E+00	0.00E+00	9.22E-07	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	6.05E-08	0.00E+00	0.00E+00	0.00E+00	6.05E-08
3491	462900.19	3773330.69	8.43E-07	0.00E+00	0.00E+00	0.00E+00	8.43E-07	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07	5.53E-08	0.00E+00	0.00E+00	0.00E+00	5.53E-08
3492	462891.56	3773327.13	7.70E-07	0.00E+00	0.00E+00	0.00E+00	7.70E-07	1.18E-07	0.00E+00	0.00E+00	0.00E+00	1.18E-07	5.05E-08	0.00E+00	0.00E+00	0.00E+00	5.05E-08
3493	462882.92	3773323.58	6.99E-07	0.00E+00	0.00E+00	0.00E+00	6.99E-07	1.07E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-07	4.59E-08	0.00E+00	0.00E+00	0.00E+00	4.59E-08
3494	462874.28	3773320.02	6.32E-07	0.00E+00	0.00E+00	0.00E+00	6.32E-07	9.68E-08	0.00E+00	0.00E+00	0.00E+00	9.68E-08	4.15E-08	0.00E+00	0.00E+00	0.00E+00	4.15E-08
3495	462865.64	3773316.47	5.72E-07	0.00E+00	0.00E+00	0.00E+00	5.72E-07	8.76E-08	0.00E+00	0.00E+00	0.00E+00	8.76E-08	3.76E-08	0.00E+00	0.00E+00	0.00E+00	3.76E-08
3496	462857	3773312.91	5.20E-07	0.00E+00	0.00E+00	0.00E+00	5.20E-07	7.97E-08	0.00E+00	0.00E+00	0.00E+00	7.97E-08	3.41E-08	0.00E+00	0.00E+00	0.00E+00	3.41E-08
3497	462851.93	3773303.71	5.25E-07	0.00E+00	0.00E+00	0.00E+00	5.25E-07	8.04E-08	0.00E+00	0.00E+00	0.00E+00	8.04E-08	3.45E-08	0.00E+00	0.00E+00	0.00E+00	3.45E-08
3498	462848.29	3773295.11	5.37E-07	0.00E+00	0.00E+00	0.00E+00	5.37E-07	8.22E-08	0.00E+00	0.00E+00	0.00E+00	8.22E-08	3.53E-08	0.00E+00	0.00E+00	0.00E+00	3.53E-08
3499	462844.66	3773286.5	5.44E-07	0.00E+00	0.00E+00	0.00E+00	5.44E-07	8.33E-08	0.00E+00	0.00E+00	0.00E+00	8.33E-08	3.57E-08	0.00E+00	0.00E+00	0.00E+00	3.57E-08
3500	462917.47	3773347.8	8.72E-07	0.00E+00	0.00E+00	0.00E+00	8.72E-07	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	5.72E-08	0.00E+00	0.00E+00	0.00E+00	5.72E-08
3501	462908.85	3773344.25	8.07E-07	0.00E+00	0.00E+00	0.00E+00	8.07E-07	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07	5.30E-08	0.00E+00	0.00E+00	0.00E+00	5.30E-08
3502	462900.24	3773340.7	7.44E-07	0.00E+00	0.00E+00	0.00E+00	7.44E-07	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	4.88E-08	0.00E+00	0.00E+00	0.00E+00	4.88E-08
3503	462891.62	3773337.16	6.84E-07	0.00E+00	0.00E+00	0.00E+00	6.84E-07	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07	4.49E-08	0.00E+00	0.00E+00	0.00E+00	4.49E-08
3504	462883	3773333.61	6.28E-07	0.00E+00	0.00E+00	0.00E+00	6.28E-07	9.62E-08	0.00E+00	0.00E+00	0.00E+00	9.62E-08	4.12E-08	0.00E+00	0.00E+00	0.00E+00	4.12E-08
3505	462874.38	3773330.06	5.74E-07	0.00E+00	0.00E+00	0.00E+00	5.74E-07	8.78E-08	0.00E+00	0.00E+00	0.00E+00	8.78E-08	3.77E-08	0.00E+00	0.00E+00	0.00E+00	3.77E-08
3506	462865.76	3773326.52	5.22E-07	0.00E+00	0.00E+00	0.00E+00	5.22E-07	8.00E-08	0.00E+00	0.00E+00	0.00E+00	8.00E-08	3.43E-08	0.00E+00	0.00E+00	0.00E+00	3.43E-08
3507	462857.14	3773322.97	4.77E-07	0.00E+00	0.00E+00	0.00E+00	4.77E-07	7.30E-08	0.00E+00	0.00E+00	0.00E+00	7.30E-08	3.13E-08	0.00E+00	0.00E+00	0.00E+00	3.13E-08
3508	462847.92	3773317.99	4.39E-07	0.00E+00	0.00E+00	0.00E+00	4.39E-07	6.72E-08	0.00E+00	0.00E+00	0.00E+00	6.72E-08	2.88E-08	0.00E+00	0.00E+00	0.00E+00	2.88E-08
3509	462844.29	3773309.41	4.50E-07	0.00E+00	0.00E+00	0.00E+00	4.50E-07	6.89E-08	0.00E+00	0.00E+00	0.00E+00	6.89E-08	2.95E-08	0.00E+00	0.00E+00	0.00E+00	2.95E-08
3510	462840.67	3773300.82	4.61E-07	0.00E+00	0.00E+00	0.00E+00	4.61E-07	7.05E-08	0.00E+00	0.00E+00	0.00E+00	7.05E-08	3.02E-08	0.00E+00	0.00E+00	0.00E+00	3.02E-08
3511	462837.04	3773292.23	4.68E-07	0.00E+00	0.00E+00	0.00E+00	4.68E-07	7.17E-08	0.00E+00	0.00E+00	0.00E+00	7.17E-08	3.07E-08	0.00E+00	0.00E+00	0.00E+00	3.07E-08
3512	462833.42	3773283.65	4.73E-07	0.00E+00	0.00E+00	0.00E+00	4.73E-07	7.24E-08	0.00E+00	0.00E+00	0.00E+00	7.24E-08	3.10E-08	0.00E+00	0.00E+00	0.00E+00	3.10E-08
3513	462917.48	3773367.8	6.81E-07	0.00E+00	0.00E+00	0.00E+00	6.81E-07	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07	4.47E-08	0.00E+00	0.00E+00	0.00E+00	4.47E-08
3514	462908.89	3773364.27	6.36E-07	0.00E+00	0.00E+00	0.00E+00	6.36E-07	9.73E-08	0.00E+00	0.00E+00	0.00E+00	9.73E-08	4.17E-08	0.00E+00	0.00E+00	0.00E+00	4.17E-08
3515	462900.3	3773360.73	5.91E-07	0.00E+00	0.00E+00	0.00E+00	5.91E-07	9.05E-08	0.00E+00	0.00E+00	0.00E+00	9.05E-08	3.88E-08	0.00E+00	0.00E+00	0.00E+00	3.88E-08
3516	462891.71	3773357.2	5.49E-07	0.00E+00	0.00E+00	0.00E+00	5.49E-07	8.40E-08	0.00E+00	0.00E+00	0.00E+00	8.40E-08	3.60E-08	0.00E+00	0.00E+00	0.00E+00	3.60E-08
3517	462883.12	3773353.66	5.10E-07	0.00E+00	0.00E+00	0.00E+00	5.10E-07	7.80E-08	0.00E+00	0.00E+00	0.00E+00	7.80E-08	3.35E-08	0.00E+00	0.00E+00	0.00E+00	3.35E-08
3518	462874.53	3773350.13	4.73E-07	0.00E+00	0.00E+00	0.00E+00	4.73E-07	7.24E-08	0.00E+00	0.00E+00	0.00E+00	7.24E-08	3.10E-08	0.00E+00	0.00E+00	0.00E+00	3.10E-08
3519	462865.94	3773346.59	4.38E-07	0.00E+00	0.00E+00	0.00E+00	4.38E-07	6.70E-08	0.00E+00	0.00E+00	0.00E+00	6.70E-08	2.87E-08	0.00E+00	0.00E+00	0.00E+00	2.87E-08
3520	462857.35	3773343.06	4.05E-07	0.00E+00	0.00E+00	0.00E+00	4.05E-07	6.19E-08	0.00E+00	0.00E+00	0.00E+00	6.19E-08	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08
3521	462848.76	3773339.52	3.74E-07	0.00E+00	0.00E+00	0.00E+00	3.74E-07	5.73E-08	0.00E+00	0.00E+00	0.00E+00	5.73E-08	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08
3522	462840.17	3773335.99	3.47E-07	0.00E+00	0.00E+00	0.00E+00	3.47E-07	5.32E-08	0.00E+00	0.00E+00	0.00E+00	5.32E-08	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08
3523	462832.64	3773329.35	3.34E-07	0.00E+00	0.00E+00	0.00E+00	3.34E-07	5.11E-08	0.00E+00	0.00E+00	0.00E+00	5.11E-08	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08
3524	462829.03	3773320.79	3.41E-07	0.00E+00	0.00E+00	0.00E+00	3.41E-07	5.22E-08	0.00E+00	0.00E+00	0.00E+00	5.22E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08
3525	462825.41	3773312.24	3.48E-07	0.00E+00	0.00E+00	0.00E+00	3.48E-07	5.33E-08	0.00E+00	0.00E+00	0.00E+00	5.33E-08	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08
3526	462821.8	3773303.68	3.55E-07	0.00E+00	0.00E+00	0.00E+00	3.55E-07	5.43E-08	0.00E+00	0.00E+00	0.00E+00	5.43E-08	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08
3527	462818.19	3773295.12	3.60E-07	0.00E+00	0.00E+00	0.00E+00	3.60E-07	5.52E-08	0.00E+00	0.00E+00	0.00E+00	5.52E-08	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08
3528	462814.57	3773286.57	3.63E-07	0.00E+00	0.00E+00	0.00E+00	3.63E-07	5.55E-08	0.00E+00	0.00E+00	0.00E+00	5.55E-08	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.38E-08
3529	462917.48	3773387.8	5.47E-07	0.00E+00	0.00E+00	0.00E+00	5.47E-07	8.37E-08	0.00E+00	0.00E+00	0.00E+00	8.37E-08	3.59E-08	0.00E+00	0.00E+00	0.00E+00	3.59E-08
3530	462908.91	3773384.28	5.16E-07	0.00E+00	0.00E+00	0.00E+00	5.16E-07	7.89E-08	0.00E+00	0.00E+00	0.00E+00	7.89E-08	3.38E-08	0.00E+00	0.00E+00	0.00E+00	3.38E-08

3531	462900.34	3773380.75	4.85E-07	0.00E+00	0.00E+00	0.00E+00	4.85E-07		7.42E-08	0.00E+00	0.00E+00	0.00E+00	7.42E-08		3.18E-08	0.00E+00	0.00E+00	0.00E+00	3.18E-08
3532	462891.78	3773377.22	4.54E-07	0.00E+00	0.00E+00	0.00E+00	4.54E-07		6.95E-08	0.00E+00	0.00E+00	0.00E+00	6.95E-08		2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08
3533	462883.21	3773373.7	4.25E-07	0.00E+00	0.00E+00	0.00E+00	4.25E-07		6.51E-08	0.00E+00	0.00E+00	0.00E+00	6.51E-08		2.79E-08	0.00E+00	0.00E+00	0.00E+00	2.79E-08
3534	462874.64	3773370.17	3.97E-07	0.00E+00	0.00E+00	0.00E+00	3.97E-07		6.07E-08	0.00E+00	0.00E+00	0.00E+00	6.07E-08		2.60E-08	0.00E+00	0.00E+00	0.00E+00	2.60E-08
3535	462866.07	3773366.64	3.70E-07	0.00E+00	0.00E+00	0.00E+00	3.70E-07		5.66E-08	0.00E+00	0.00E+00	0.00E+00	5.66E-08		2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08
3536	462857.5	3773363.12	3.45E-07	0.00E+00	0.00E+00	0.00E+00	3.45E-07		5.29E-08	0.00E+00	0.00E+00	0.00E+00	5.29E-08		2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08
3537	462848.93	3773359.59	3.23E-07	0.00E+00	0.00E+00	0.00E+00	3.23E-07		4.94E-08	0.00E+00	0.00E+00	0.00E+00	4.94E-08		2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08
3538	462840.36	3773356.06	3.03E-07	0.00E+00	0.00E+00	0.00E+00	3.03E-07		4.63E-08	0.00E+00	0.00E+00	0.00E+00	4.63E-08		1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08
3539	462831.79	3773352.54	2.83E-07	0.00E+00	0.00E+00	0.00E+00	2.83E-07		4.33E-08	0.00E+00	0.00E+00	0.00E+00	4.33E-08		1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08
3540	462823.22	3773349.01	2.65E-07	0.00E+00	0.00E+00	0.00E+00	2.65E-07		4.06E-08	0.00E+00	0.00E+00	0.00E+00	4.06E-08		1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08
3541	462817.36	3773340.72	2.63E-07	0.00E+00	0.00E+00	0.00E+00	2.63E-07		4.03E-08	0.00E+00	0.00E+00	0.00E+00	4.03E-08		1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08
3542	462813.76	3773332.19	2.67E-07	0.00E+00	0.00E+00	0.00E+00	2.67E-07		4.09E-08	0.00E+00	0.00E+00	0.00E+00	4.09E-08		1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08
3543	462810.16	3773323.65	2.71E-07	0.00E+00	0.00E+00	0.00E+00	2.71E-07		4.16E-08	0.00E+00	0.00E+00	0.00E+00	4.16E-08		1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08
3544	462806.55	3773315.11	2.76E-07	0.00E+00	0.00E+00	0.00E+00	2.76E-07		4.23E-08	0.00E+00	0.00E+00	0.00E+00	4.23E-08		1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08
3545	462802.95	3773306.58	2.81E-07	0.00E+00	0.00E+00	0.00E+00	2.81E-07		4.30E-08	0.00E+00	0.00E+00	0.00E+00	4.30E-08		1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08
3546	462799.34	3773298.04	2.85E-07	0.00E+00	0.00E+00	0.00E+00	2.85E-07		4.36E-08	0.00E+00	0.00E+00	0.00E+00	4.36E-08		1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08
3547	462795.74	3773289.51	2.86E-07	0.00E+00	0.00E+00	0.00E+00	2.86E-07		4.38E-08	0.00E+00	0.00E+00	0.00E+00	4.38E-08		1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08
3548	462792.13	3773280.97	2.87E-07	0.00E+00	0.00E+00	0.00E+00	2.87E-07		4.39E-08	0.00E+00	0.00E+00	0.00E+00	4.39E-08		1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08
3549	462917.48	3773407.8	4.41E-07	0.00E+00	0.00E+00	0.00E+00	4.41E-07		6.75E-08	0.00E+00	0.00E+00	0.00E+00	6.75E-08		2.89E-08	0.00E+00	0.00E+00	0.00E+00	2.89E-08
3550	462908.93	3773404.28	4.20E-07	0.00E+00	0.00E+00	0.00E+00	4.20E-07		6.43E-08	0.00E+00	0.00E+00	0.00E+00	6.43E-08		2.75E-08	0.00E+00	0.00E+00	0.00E+00	2.75E-08
3551	462900.38	3773400.76	3.99E-07	0.00E+00	0.00E+00	0.00E+00	3.99E-07		6.10E-08	0.00E+00	0.00E+00	0.00E+00	6.10E-08		2.62E-08	0.00E+00	0.00E+00	0.00E+00	2.62E-08
3552	462891.82	3773397.24	3.78E-07	0.00E+00	0.00E+00	0.00E+00	3.78E-07		5.78E-08	0.00E+00	0.00E+00	0.00E+00	5.78E-08		2.48E-08	0.00E+00	0.00E+00	0.00E+00	2.48E-08
3553	462883.27	3773393.72	3.57E-07	0.00E+00	0.00E+00	0.00E+00	3.57E-07		5.46E-08	0.00E+00	0.00E+00	0.00E+00	5.46E-08		2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08
3554	462874.72	3773390.2	3.36E-07	0.00E+00	0.00E+00	0.00E+00	3.36E-07		5.15E-08	0.00E+00	0.00E+00	0.00E+00	5.15E-08		2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08
3555	462866.16	3773386.68	3.15E-07	0.00E+00	0.00E+00	0.00E+00	3.15E-07		4.82E-08	0.00E+00	0.00E+00	0.00E+00	4.82E-08		2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08
3556	462857.61	3773383.16	2.95E-07	0.00E+00	0.00E+00	0.00E+00	2.95E-07		4.52E-08	0.00E+00	0.00E+00	0.00E+00	4.52E-08		1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08
3557	462849.06	3773379.64	2.77E-07	0.00E+00	0.00E+00	0.00E+00	2.77E-07		4.24E-08	0.00E+00	0.00E+00	0.00E+00	4.24E-08		1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08
3558	462840.5	3773376.12	2.61E-07	0.00E+00	0.00E+00	0.00E+00	2.61E-07		4.00E-08	0.00E+00	0.00E+00	0.00E+00	4.00E-08		1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08
3559	462831.95	3773372.6	2.47E-07	0.00E+00	0.00E+00	0.00E+00	2.47E-07		3.77E-08	0.00E+00	0.00E+00	0.00E+00	3.77E-08		1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08
3560	462823.4	3773369.08	2.33E-07	0.00E+00	0.00E+00	0.00E+00	2.33E-07		3.56E-08	0.00E+00	0.00E+00	0.00E+00	3.56E-08		1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08
3561	462814.84	3773365.56	2.20E-07	0.00E+00	0.00E+00	0.00E+00	2.20E-07		3.36E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-08		1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08
3562	462805.69	3773360.62	2.09E-07	0.00E+00	0.00E+00	0.00E+00	2.09E-07		3.19E-08	0.00E+00	0.00E+00	0.00E+00	3.19E-08		1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08
3563	462802.09	3773352.1	2.12E-07	0.00E+00	0.00E+00	0.00E+00	2.12E-07		3.25E-08	0.00E+00	0.00E+00	0.00E+00	3.25E-08		1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08
3564	462798.5	3773343.58	2.15E-07	0.00E+00	0.00E+00	0.00E+00	2.15E-07		3.30E-08	0.00E+00	0.00E+00	0.00E+00	3.30E-08		1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08
3565	462794.9	3773335.06	2.18E-07	0.00E+00	0.00E+00	0.00E+00	2.18E-07		3.34E-08	0.00E+00	0.00E+00	0.00E+00	3.34E-08		1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08
3566	462791.3	3773326.54	2.21E-07	0.00E+00	0.00E+00	0.00E+00	2.21E-07		3.38E-08	0.00E+00	0.00E+00	0.00E+00	3.38E-08		1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08
3567	462787.7	3773318.02	2.25E-07	0.00E+00	0.00E+00	0.00E+00	2.25E-07		3.44E-08	0.00E+00	0.00E+00	0.00E+00	3.44E-08		1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08
3568	462784.1	3773309.5	2.28E-07	0.00E+00	0.00E+00	0.00E+00	2.28E-07		3.49E-08	0.00E+00	0.00E+00	0.00E+00	3.49E-08		1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08
3569	462780.51	3773300.98	2.30E-07	0.00E+00	0.00E+00	0.00E+00	2.30E-07		3.52E-08	0.00E+00	0.00E+00	0.00E+00	3.52E-08		1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08
3570	462776.91	3773292.46	2.31E-07	0.00E+00	0.00E+00	0.00E+00	2.31E-07		3.54E-08	0.00E+00	0.00E+00	0.00E+00	3.54E-08		1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08
3571	462773.31	3773283.94	2.31E-07	0.00E+00	0.00E+00	0.00E+00	2.31E-07		3.54E-08	0.00E+00	0.00E+00	0.00E+00	3.54E-08		1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08
3572	462917.47	3773427.8	3.65E-07	0.00E+00	0.00E+00	0.00E+00	3.65E-07		5.58E-08	0.00E+00	0.00E+00	0.00E+00	5.58E-08		2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08
3573	462908.83	3773424.24	3.48E-07	0.00E+00	0.00E+00	0.00E+00	3.48E-07		5.33E-08	0.00E+00	0.00E+00	0.00E+00	5.33E-08		2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08
3574	462900.19	3773420.69	3.31E-07	0.00E+00	0.00E+00	0.00E+00	3.31E-07		5.07E-08	0.00E+00	0.00E+00	0.00E+00	5.07E-08		2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08
3575	462891.56	3773417.13	3.15E-07	0.00E+00	0.00E+00	0.00E+00	3.15E-07		4.82E-08	0.00E+00	0.00E+00	0.00E+00	4.82E-08		2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08
3576	462882.92	3773413.58	3.00E-07	0.00E+00	0.00E+00	0.00E+00	3.00E-07		4.59E-08	0.00E+00	0.00E+00	0.00E+00	4.59E-08		1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08
3577	462874.28	3773410.02	2.84E-07	0.00E+00	0.00E+00	0.00E+00	2.84E-07		4.35E-08	0.00E+00	0.00E+00	0.00E+00	4.35E-08		1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08
3578	462865.64	3773406.47	2.69E-07	0.00E+00	0.00E+00	0.00E+00	2.69E-07		4.12E-08	0.00E+00	0.00E+00	0.00E+00	4.12E-08		1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08
3579	462857	3773402.91	2.54E-07	0.00E+00	0.00E+00	0.00E+00	2.54E-07		3.90E-08	0.00E+00	0.00E+00	0.00E+00	3.90E-08		1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08
3580	462848.36	3773399.36	2.40E-07	0.00E+00	0.00E+00	0.00E+00	2.40E-07		3.68E-08	0.00E+00	0.00E+00	0.00E+00	3.68E-08		1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08
3581	462839.72	3773395.8	2.27E-07	0.00E+00	0.00E+00	0.00E+00	2.27E-07		3.48E-08	0.00E+00	0.00E+00	0.00E+00	3.48E-08		1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08
3582	462831.09	3773392.25	2.15E-07	0.00E+00	0.00E+00	0.00E+00	2.15E-07		3.29E-08	0.00E+00	0.00E+00	0.00E+00	3.29E-08		1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08
3583	462822.45	3773388.69	2.03E-07	0.00E+00	0.00E+00	0.00E+00	2.03E-07		3.11E-08	0.00E+00	0.00E+00	0.00E+00	3.11E-08		1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08
3584	462813.81	3773385.14	1.92E-07	0.00E+00	0.00E+00	0.00E+00	1.92E-07		2.94E-08	0.00E+00	0.00E+00	0.00E+00	2.94E-08		1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08
3585	462805.17	3773381.58	1.83E-07	0.00E+00	0.00E+00	0.00E+00	1.83E-07		2.79E-08	0.00E+00	0.00E+00	0.00E+00	2.79E-08		1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08
3586	462796.53	3773378.03	1.73E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-07		2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08		1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08
3587	462789.79	3773370.51	1.71E-07	0.00E+00	0.00E+00	0.00E+00	1.71E-07		2.62E-08	0.00E+00	0.00E+00	0.00E+00	2.62E-08		1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08

3588	462786.16	3773361.91	1.74E-07	0.00E+00	0.00E+00	0.00E+00	1.74E-07	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08
3589	462782.52	3773353.3	1.77E-07	0.00E+00	0.00E+00	0.00E+00	1.77E-07	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08
3590	462778.89	3773344.7	1.80E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-07	2.76E-08	0.00E+00	0.00E+00	0.00E+00	2.76E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08
3591	462775.26	3773336.09	1.83E-07	0.00E+00	0.00E+00	0.00E+00	1.83E-07	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08
3592	462771.62	3773327.49	1.85E-07	0.00E+00	0.00E+00	0.00E+00	1.85E-07	2.84E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08
3593	462767.99	3773318.88	1.88E-07	0.00E+00	0.00E+00	0.00E+00	1.88E-07	2.87E-08	0.00E+00	0.00E+00	0.00E+00	2.87E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08
3594	462764.35	3773310.27	1.89E-07	0.00E+00	0.00E+00	0.00E+00	1.89E-07	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08
3595	462760.72	3773301.67	1.90E-07	0.00E+00	0.00E+00	0.00E+00	1.90E-07	2.91E-08	0.00E+00	0.00E+00	0.00E+00	2.91E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08
3596	462757.09	3773293.06	1.90E-07	0.00E+00	0.00E+00	0.00E+00	1.90E-07	2.92E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08
3597	462753.45	3773284.46	1.90E-07	0.00E+00	0.00E+00	0.00E+00	1.90E-07	2.91E-08	0.00E+00	0.00E+00	0.00E+00	2.91E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08
3598	462917.47	3773447.8	3.07E-07	0.00E+00	0.00E+00	0.00E+00	3.07E-07	4.70E-08	0.00E+00	0.00E+00	0.00E+00	4.70E-08	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08
3599	462908.85	3773444.25	2.95E-07	0.00E+00	0.00E+00	0.00E+00	2.95E-07	4.51E-08	0.00E+00	0.00E+00	0.00E+00	4.51E-08	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08
3600	462900.24	3773440.7	2.81E-07	0.00E+00	0.00E+00	0.00E+00	2.81E-07	4.30E-08	0.00E+00	0.00E+00	0.00E+00	4.30E-08	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08
3601	462891.62	3773437.16	2.68E-07	0.00E+00	0.00E+00	0.00E+00	2.68E-07	4.10E-08	0.00E+00	0.00E+00	0.00E+00	4.10E-08	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08
3602	462883	3773433.61	2.55E-07	0.00E+00	0.00E+00	0.00E+00	2.55E-07	3.91E-08	0.00E+00	0.00E+00	0.00E+00	3.91E-08	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08
3603	462874.38	3773430.06	2.44E-07	0.00E+00	0.00E+00	0.00E+00	2.44E-07	3.73E-08	0.00E+00	0.00E+00	0.00E+00	3.73E-08	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08
3604	462865.76	3773426.52	2.32E-07	0.00E+00	0.00E+00	0.00E+00	2.32E-07	3.56E-08	0.00E+00	0.00E+00	0.00E+00	3.56E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08
3605	462857.14	3773422.97	2.21E-07	0.00E+00	0.00E+00	0.00E+00	2.21E-07	3.39E-08	0.00E+00	0.00E+00	0.00E+00	3.39E-08	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08
3606	462848.52	3773419.42	2.11E-07	0.00E+00	0.00E+00	0.00E+00	2.11E-07	3.23E-08	0.00E+00	0.00E+00	0.00E+00	3.23E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08
3607	462839.9	3773415.88	2.01E-07	0.00E+00	0.00E+00	0.00E+00	2.01E-07	3.07E-08	0.00E+00	0.00E+00	0.00E+00	3.07E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08
3608	462831.29	3773412.33	1.91E-07	0.00E+00	0.00E+00	0.00E+00	1.91E-07	2.92E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08
3609	462822.67	3773408.78	1.81E-07	0.00E+00	0.00E+00	0.00E+00	1.81E-07	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08
3610	462814.05	3773405.24	1.72E-07	0.00E+00	0.00E+00	0.00E+00	1.72E-07	2.64E-08	0.00E+00	0.00E+00	0.00E+00	2.64E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08
3611	462805.43	3773401.69	1.64E-07	0.00E+00	0.00E+00	0.00E+00	1.64E-07	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08
3612	462796.81	3773398.14	1.56E-07	0.00E+00	0.00E+00	0.00E+00	1.56E-07	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.38E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08
3613	462788.19	3773394.59	1.48E-07	0.00E+00	0.00E+00	0.00E+00	1.48E-07	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	9.73E-09	0.00E+00	0.00E+00	0.00E+00	9.73E-09
3614	462779.57	3773391.05	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08	9.27E-09	0.00E+00	0.00E+00	0.00E+00	9.27E-09
3615	462774.51	3773381.87	1.42E-07	0.00E+00	0.00E+00	0.00E+00	1.42E-07	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	9.35E-09	0.00E+00	0.00E+00	0.00E+00	9.35E-09
3616	462770.89	3773373.28	1.45E-07	0.00E+00	0.00E+00	0.00E+00	1.45E-07	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08	9.51E-09	0.00E+00	0.00E+00	0.00E+00	9.51E-09
3617	462767.26	3773364.7	1.47E-07	0.00E+00	0.00E+00	0.00E+00	1.47E-07	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08	9.68E-09	0.00E+00	0.00E+00	0.00E+00	9.68E-09
3618	462763.63	3773356.11	1.50E-07	0.00E+00	0.00E+00	0.00E+00	1.50E-07	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	9.84E-09	0.00E+00	0.00E+00	0.00E+00	9.84E-09
3619	462760.01	3773347.53	1.52E-07	0.00E+00	0.00E+00	0.00E+00	1.52E-07	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08	9.99E-09	0.00E+00	0.00E+00	0.00E+00	9.99E-09
3620	462756.38	3773338.94	1.55E-07	0.00E+00	0.00E+00	0.00E+00	1.55E-07	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08
3621	462752.76	3773330.35	1.57E-07	0.00E+00	0.00E+00	0.00E+00	1.57E-07	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
3622	462749.13	3773321.77	1.58E-07	0.00E+00	0.00E+00	0.00E+00	1.58E-07	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08
3623	462745.51	3773313.18	1.59E-07	0.00E+00	0.00E+00	0.00E+00	1.59E-07	2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08
3624	462741.88	3773304.6	1.59E-07	0.00E+00	0.00E+00	0.00E+00	1.59E-07	2.44E-08	0.00E+00	0.00E+00	0.00E+00	2.44E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08
3625	462738.25	3773296.01	1.59E-07	0.00E+00	0.00E+00	0.00E+00	1.59E-07	2.44E-08	0.00E+00	0.00E+00	0.00E+00	2.44E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08
3626	462734.63	3773287.42	1.59E-07	0.00E+00	0.00E+00	0.00E+00	1.59E-07	2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08
3627	462900.27	3773460.72	2.40E-07	0.00E+00	0.00E+00	0.00E+00	2.40E-07	3.67E-08	0.00E+00	0.00E+00	0.00E+00	3.67E-08	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08
3628	462891.67	3773457.18	2.30E-07	0.00E+00	0.00E+00	0.00E+00	2.30E-07	3.52E-08	0.00E+00	0.00E+00	0.00E+00	3.52E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08
3629	462883.06	3773453.64	2.20E-07	0.00E+00	0.00E+00	0.00E+00	2.20E-07	3.37E-08	0.00E+00	0.00E+00	0.00E+00	3.37E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08
3630	462874.46	3773450.1	2.11E-07	0.00E+00	0.00E+00	0.00E+00	2.11E-07	3.22E-08	0.00E+00	0.00E+00	0.00E+00	3.22E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08
3631	462865.86	3773446.56	2.01E-07	0.00E+00	0.00E+00	0.00E+00	2.01E-07	3.08E-08	0.00E+00	0.00E+00	0.00E+00	3.08E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08
3632	462857.26	3773443.02	1.93E-07	0.00E+00	0.00E+00	0.00E+00	1.93E-07	2.95E-08	0.00E+00	0.00E+00	0.00E+00	2.95E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08
3633	462848.65	3773439.48	1.85E-07	0.00E+00	0.00E+00	0.00E+00	1.85E-07	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08
3634	462840.05	3773435.94	1.76E-07	0.00E+00	0.00E+00	0.00E+00	1.76E-07	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08
3635	462831.45	3773432.4	1.69E-07	0.00E+00	0.00E+00	0.00E+00	1.69E-07	2.58E-08	0.00E+00	0.00E+00	0.00E+00	2.58E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08
3636	462822.85	3773428.86	1.61E-07	0.00E+00	0.00E+00	0.00E+00	1.61E-07	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08
3637	462814.24	3773425.32	1.54E-07	0.00E+00	0.00E+00	0.00E+00	1.54E-07	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08
3638	462805.64	3773421.77	1.47E-07	0.00E+00	0.00E+00	0.00E+00	1.47E-07	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	9.66E-09	0.00E+00	0.00E+00	0.00E+00	9.66E-09
3639	462797.04	3773418.23	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	9.24E-09	0.00E+00	0.00E+00	0.00E+00	9.24E-09
3640	462788.43	3773414.69	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.83E-09	0.00E+00	0.00E+00	0.00E+00	8.83E-09
3641	462779.83	3773411.15	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08	8.44E-09	0.00E+00	0.00E+00	0.00E+00	8.44E-09
3642	462771.23	3773407.61	1.23E-07	0.00E+00	0.00E+00	0.00E+00	1.23E-07	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	8.07E-09	0.00E+00	0.00E+00	0.00E+00	8.07E-09
3643	462762.85	3773401.81	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	7.81E-09	0.00E+00	0.00E+00	0.00E+00	7.81E-09
3644	462759.23	3773393.24	1.21E-07	0.00E+00	0.00E+00	0.00E+00	1.21E-07	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08	7.91E-09	0.00E+00	0.00E+00	0.00E+00	7.91E-09

3645	462755.62	3773384.67	1.22E-07	0.00E+00	0.00E+00	0.00E+00	1.22E-07	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	8.02E-09	0.00E+00	0.00E+00	0.00E+00	8.02E-09
3646	462752	3773376.1	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	8.15E-09	0.00E+00	0.00E+00	0.00E+00	8.15E-09
3647	462748.38	3773367.53	1.26E-07	0.00E+00	0.00E+00	0.00E+00	1.26E-07	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	8.28E-09	0.00E+00	0.00E+00	0.00E+00	8.28E-09
3648	462744.76	3773358.96	1.28E-07	0.00E+00	0.00E+00	0.00E+00	1.28E-07	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	8.41E-09	0.00E+00	0.00E+00	0.00E+00	8.41E-09
3649	462741.14	3773350.39	1.30E-07	0.00E+00	0.00E+00	0.00E+00	1.30E-07	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	8.52E-09	0.00E+00	0.00E+00	0.00E+00	8.52E-09
3650	462737.52	3773341.82	1.32E-07	0.00E+00	0.00E+00	0.00E+00	1.32E-07	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	8.63E-09	0.00E+00	0.00E+00	0.00E+00	8.63E-09
3651	462733.9	3773333.25	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	8.74E-09	0.00E+00	0.00E+00	0.00E+00	8.74E-09
3652	462730.28	3773324.68	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.82E-09	0.00E+00	0.00E+00	0.00E+00	8.82E-09
3653	462726.66	3773316.11	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.84E-09	0.00E+00	0.00E+00	0.00E+00	8.84E-09
3654	462723.05	3773307.53	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.85E-09	0.00E+00	0.00E+00	0.00E+00	8.85E-09
3655	462719.43	3773298.96	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.84E-09	0.00E+00	0.00E+00	0.00E+00	8.84E-09
3656	462715.81	3773290.39	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	8.82E-09	0.00E+00	0.00E+00	0.00E+00	8.82E-09
3657	462712.19	3773281.82	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	8.76E-09	0.00E+00	0.00E+00	0.00E+00	8.76E-09
3658	462917.48	3773487.8	2.21E-07	0.00E+00	0.00E+00	0.00E+00	2.21E-07	3.39E-08	0.00E+00	0.00E+00	0.00E+00	3.39E-08	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08
3659	462848.76	3773459.52	1.63E-07	0.00E+00	0.00E+00	0.00E+00	1.63E-07	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08
3660	462840.17	3773455.99	1.57E-07	0.00E+00	0.00E+00	0.00E+00	1.57E-07	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
3661	462831.58	3773452.45	1.50E-07	0.00E+00	0.00E+00	0.00E+00	1.50E-07	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	9.85E-09	0.00E+00	0.00E+00	0.00E+00	9.85E-09
3662	462822.99	3773448.92	1.44E-07	0.00E+00	0.00E+00	0.00E+00	1.44E-07	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08	9.43E-09	0.00E+00	0.00E+00	0.00E+00	9.43E-09
3663	462814.4	3773445.38	1.38E-07	0.00E+00	0.00E+00	0.00E+00	1.38E-07	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	9.03E-09	0.00E+00	0.00E+00	0.00E+00	9.03E-09
3664	462805.81	3773441.85	1.32E-07	0.00E+00	0.00E+00	0.00E+00	1.32E-07	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08	8.66E-09	0.00E+00	0.00E+00	0.00E+00	8.66E-09
3665	462797.22	3773438.31	1.27E-07	0.00E+00	0.00E+00	0.00E+00	1.27E-07	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08	8.31E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-09
3666	462788.63	3773434.78	1.21E-07	0.00E+00	0.00E+00	0.00E+00	1.21E-07	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	7.97E-09	0.00E+00	0.00E+00	0.00E+00	7.97E-09
3667	462780.05	3773431.24	1.16E-07	0.00E+00	0.00E+00	0.00E+00	1.16E-07	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	7.64E-09	0.00E+00	0.00E+00	0.00E+00	7.64E-09
3668	462771.46	3773427.71	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	7.34E-09	0.00E+00	0.00E+00	0.00E+00	7.34E-09
3669	462762.87	3773424.17	1.07E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-07	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	7.05E-09	0.00E+00	0.00E+00	0.00E+00	7.05E-09
3670	462754.28	3773420.64	1.03E-07	0.00E+00	0.00E+00	0.00E+00	1.03E-07	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	6.78E-09	0.00E+00	0.00E+00	0.00E+00	6.78E-09
3671	462747.57	3773413.16	1.02E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-07	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	6.71E-09	0.00E+00	0.00E+00	0.00E+00	6.71E-09
3672	462743.96	3773404.61	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	6.79E-09	0.00E+00	0.00E+00	0.00E+00	6.79E-09
3673	462740.35	3773396.05	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	6.88E-09	0.00E+00	0.00E+00	0.00E+00	6.88E-09
3674	462736.73	3773387.49	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	6.96E-09	0.00E+00	0.00E+00	0.00E+00	6.96E-09
3675	462733.12	3773378.94	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	7.06E-09	0.00E+00	0.00E+00	0.00E+00	7.06E-09
3676	462729.51	3773370.38	1.09E-07	0.00E+00	0.00E+00	0.00E+00	1.09E-07	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	7.16E-09	0.00E+00	0.00E+00	0.00E+00	7.16E-09
3677	462725.89	3773361.82	1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	7.26E-09	0.00E+00	0.00E+00	0.00E+00	7.26E-09
3678	462722.28	3773353.27	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	7.35E-09	0.00E+00	0.00E+00	0.00E+00	7.35E-09
3679	462718.67	3773344.71	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	7.42E-09	0.00E+00	0.00E+00	0.00E+00	7.42E-09
3680	462715.05	3773336.15	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	7.47E-09	0.00E+00	0.00E+00	0.00E+00	7.47E-09
3681	462711.44	3773327.6	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	7.51E-09	0.00E+00	0.00E+00	0.00E+00	7.51E-09
3682	462707.83	3773319.04	1.15E-07	0.00E+00	0.00E+00	0.00E+00	1.15E-07	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	7.54E-09	0.00E+00	0.00E+00	0.00E+00	7.54E-09
3683	462704.21	3773310.48	1.15E-07	0.00E+00	0.00E+00	0.00E+00	1.15E-07	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	7.55E-09	0.00E+00	0.00E+00	0.00E+00	7.55E-09
3684	462700.6	3773301.93	1.15E-07	0.00E+00	0.00E+00	0.00E+00	1.15E-07	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	7.56E-09	0.00E+00	0.00E+00	0.00E+00	7.56E-09
3685	462696.99	3773293.37	1.15E-07	0.00E+00	0.00E+00	0.00E+00	1.15E-07	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	7.55E-09	0.00E+00	0.00E+00	0.00E+00	7.55E-09
3686	462693.37	3773284.81	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	7.50E-09	0.00E+00	0.00E+00	0.00E+00	7.50E-09
3687	462917.47	3773507.8	1.91E-07	0.00E+00	0.00E+00	0.00E+00	1.91E-07	2.93E-08	0.00E+00	0.00E+00	0.00E+00	2.93E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08
3688	462908.82	3773504.24	1.85E-07	0.00E+00	0.00E+00	0.00E+00	1.85E-07	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08
3689	462900.18	3773500.68	1.79E-07	0.00E+00	0.00E+00	0.00E+00	1.79E-07	2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08
3690	462891.53	3773497.12	1.73E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-07	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08
3691	462882.89	3773493.56	1.68E-07	0.00E+00	0.00E+00	0.00E+00	1.68E-07	2.57E-08	0.00E+00	0.00E+00	0.00E+00	2.57E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08
3692	462874.24	3773490.01	1.62E-07	0.00E+00	0.00E+00	0.00E+00	1.62E-07	2.48E-08	0.00E+00	0.00E+00	0.00E+00	2.48E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08
3693	462796.43	3773457.98	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	7.50E-09	0.00E+00	0.00E+00	0.00E+00	7.50E-09
3694	462787.78	3773454.42	1.10E-07	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	7.20E-09	0.00E+00	0.00E+00	0.00E+00	7.20E-09
3695	462779.13	3773450.87	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	6.91E-09	0.00E+00	0.00E+00	0.00E+00	6.91E-09
3696	462770.49	3773447.31	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	6.64E-09	0.00E+00	0.00E+00	0.00E+00	6.64E-09
3697	462761.84	3773443.75	9.74E-08	0.00E+00	0.00E+00	0.00E+00	9.74E-08	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	6.39E-09	0.00E+00	0.00E+00	0.00E+00	6.39E-09
3698	462753.2	3773440.19	9.38E-08	0.00E+00	0.00E+00	0.00E+00	9.38E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	6.15E-09	0.00E+00	0.00E+00	0.00E+00	6.15E-09
3699	462744.55	3773436.63	9.03E-08	0.00E+00	0.00E+00	0.00E+00	9.03E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	5.93E-09	0.00E+00	0.00E+00	0.00E+00	5.93E-09
3700	462735.3	3773431.64	8.73E-08	0.00E+00	0.00E+00	0.00E+00	8.73E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	5.73E-09	0.00E+00	0.00E+00	0.00E+00	5.73E-09
3701	462731.66	3773423.03	8.87E-08	0.00E+00	0.00E+00	0.00E+00	8.87E-08	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	5.82E-09	0.00E+00	0.00E+00	0.00E+00	5.82E-09

3702	462728.02	3773414.41	9.00E-08	0.00E+00	0.00E+00	0.00E+00	9.00E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	5.90E-09	0.00E+00	0.00E+00	0.00E+00	5.90E-09
3703	462724.39	3773405.8	9.10E-08	0.00E+00	0.00E+00	0.00E+00	9.10E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	5.97E-09	0.00E+00	0.00E+00	0.00E+00	5.97E-09
3704	462720.75	3773397.19	9.20E-08	0.00E+00	0.00E+00	0.00E+00	9.20E-08	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	6.04E-09	0.00E+00	0.00E+00	0.00E+00	6.04E-09
3705	462717.11	3773388.58	9.30E-08	0.00E+00	0.00E+00	0.00E+00	9.30E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	6.11E-09	0.00E+00	0.00E+00	0.00E+00	6.11E-09
3706	462713.48	3773379.96	9.43E-08	0.00E+00	0.00E+00	0.00E+00	9.43E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	6.19E-09	0.00E+00	0.00E+00	0.00E+00	6.19E-09
3707	462709.84	3773371.35	9.55E-08	0.00E+00	0.00E+00	0.00E+00	9.55E-08	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	6.27E-09	0.00E+00	0.00E+00	0.00E+00	6.27E-09
3708	462706.2	3773362.74	9.66E-08	0.00E+00	0.00E+00	0.00E+00	9.66E-08	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	6.34E-09	0.00E+00	0.00E+00	0.00E+00	6.34E-09
3709	462702.57	3773354.12	9.76E-08	0.00E+00	0.00E+00	0.00E+00	9.76E-08	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	6.41E-09	0.00E+00	0.00E+00	0.00E+00	6.41E-09
3710	462698.93	3773345.51	9.82E-08	0.00E+00	0.00E+00	0.00E+00	9.82E-08	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	6.45E-09	0.00E+00	0.00E+00	0.00E+00	6.45E-09
3711	462695.29	3773336.9	9.87E-08	0.00E+00	0.00E+00	0.00E+00	9.87E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	6.48E-09	0.00E+00	0.00E+00	0.00E+00	6.48E-09
3712	462691.65	3773328.28	9.90E-08	0.00E+00	0.00E+00	0.00E+00	9.90E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	6.49E-09	0.00E+00	0.00E+00	0.00E+00	6.49E-09
3713	462688.02	3773319.67	9.93E-08	0.00E+00	0.00E+00	0.00E+00	9.93E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	6.52E-09	0.00E+00	0.00E+00	0.00E+00	6.52E-09
3714	462684.38	3773311.06	9.96E-08	0.00E+00	0.00E+00	0.00E+00	9.96E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	6.53E-09	0.00E+00	0.00E+00	0.00E+00	6.53E-09
3715	462680.74	3773302.44	9.96E-08	0.00E+00	0.00E+00	0.00E+00	9.96E-08	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	6.54E-09	0.00E+00	0.00E+00	0.00E+00	6.54E-09
3716	462677.11	3773293.83	9.94E-08	0.00E+00	0.00E+00	0.00E+00	9.94E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	6.52E-09	0.00E+00	0.00E+00	0.00E+00	6.52E-09
3717	462673.47	3773285.22	9.86E-08	0.00E+00	0.00E+00	0.00E+00	9.86E-08	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	6.47E-09	0.00E+00	0.00E+00	0.00E+00	6.47E-09
3718	462917.47	3773527.8	1.67E-07	0.00E+00	0.00E+00	0.00E+00	1.67E-07	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08
3719	462908.84	3773524.25	1.62E-07	0.00E+00	0.00E+00	0.00E+00	1.62E-07	2.48E-08	0.00E+00	0.00E+00	0.00E+00	2.48E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08
3720	462900.21	3773520.69	1.57E-07	0.00E+00	0.00E+00	0.00E+00	1.57E-07	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
3721	462891.58	3773517.14	1.52E-07	0.00E+00	0.00E+00	0.00E+00	1.52E-07	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08
3722	462882.95	3773513.59	1.48E-07	0.00E+00	0.00E+00	0.00E+00	1.48E-07	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08	9.69E-09	0.00E+00	0.00E+00	0.00E+00	9.69E-09
3723	462874.31	3773510.04	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	9.38E-09	0.00E+00	0.00E+00	0.00E+00	9.38E-09
3724	462865.68	3773506.49	1.38E-07	0.00E+00	0.00E+00	0.00E+00	1.38E-07	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	9.06E-09	0.00E+00	0.00E+00	0.00E+00	9.06E-09
3725	462857.05	3773502.93	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	8.77E-09	0.00E+00	0.00E+00	0.00E+00	8.77E-09
3726	462848.42	3773499.38	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07	1.98E-08	0.00E+00	0.00E+00	0.00E+00	1.98E-08	8.48E-09	0.00E+00	0.00E+00	0.00E+00	8.48E-09
3727	462839.79	3773495.83	1.25E-07	0.00E+00	0.00E+00	0.00E+00	1.25E-07	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	8.19E-09	0.00E+00	0.00E+00	0.00E+00	8.19E-09
3728	462831.16	3773492.28	1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	7.91E-09	0.00E+00	0.00E+00	0.00E+00	7.91E-09
3729	462822.53	3773488.72	1.16E-07	0.00E+00	0.00E+00	0.00E+00	1.16E-07	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	7.63E-09	0.00E+00	0.00E+00	0.00E+00	7.63E-09
3730	462753.48	3773460.31	8.59E-08	0.00E+00	0.00E+00	0.00E+00	8.59E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	5.64E-09	0.00E+00	0.00E+00	0.00E+00	5.64E-09
3731	462744.84	3773456.76	8.29E-08	0.00E+00	0.00E+00	0.00E+00	8.29E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	5.44E-09	0.00E+00	0.00E+00	0.00E+00	5.44E-09
3732	462736.21	3773453.2	8.01E-08	0.00E+00	0.00E+00	0.00E+00	8.01E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	5.25E-09	0.00E+00	0.00E+00	0.00E+00	5.25E-09
3733	462727.58	3773449.65	7.74E-08	0.00E+00	0.00E+00	0.00E+00	7.74E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	5.08E-09	0.00E+00	0.00E+00	0.00E+00	5.08E-09
3734	462720.01	3773442.98	7.62E-08	0.00E+00	0.00E+00	0.00E+00	7.62E-08	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	5.00E-09	0.00E+00	0.00E+00	0.00E+00	5.00E-09
3735	462716.38	3773434.38	7.73E-08	0.00E+00	0.00E+00	0.00E+00	7.73E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	5.07E-09	0.00E+00	0.00E+00	0.00E+00	5.07E-09
3736	462712.75	3773425.79	7.84E-08	0.00E+00	0.00E+00	0.00E+00	7.84E-08	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	5.15E-09	0.00E+00	0.00E+00	0.00E+00	5.15E-09
3737	462709.12	3773417.19	7.96E-08	0.00E+00	0.00E+00	0.00E+00	7.96E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	5.22E-09	0.00E+00	0.00E+00	0.00E+00	5.22E-09
3738	462705.49	3773408.59	8.05E-08	0.00E+00	0.00E+00	0.00E+00	8.05E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	5.28E-09	0.00E+00	0.00E+00	0.00E+00	5.28E-09
3739	462701.86	3773399.99	8.13E-08	0.00E+00	0.00E+00	0.00E+00	8.13E-08	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	5.34E-09	0.00E+00	0.00E+00	0.00E+00	5.34E-09
3740	462698.23	3773391.39	8.21E-08	0.00E+00	0.00E+00	0.00E+00	8.21E-08	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	5.39E-09	0.00E+00	0.00E+00	0.00E+00	5.39E-09
3741	462694.6	3773382.79	8.30E-08	0.00E+00	0.00E+00	0.00E+00	8.30E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	5.45E-09	0.00E+00	0.00E+00	0.00E+00	5.45E-09
3742	462690.96	3773374.2	8.40E-08	0.00E+00	0.00E+00	0.00E+00	8.40E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	5.51E-09	0.00E+00	0.00E+00	0.00E+00	5.51E-09
3743	462687.33	3773365.6	8.49E-08	0.00E+00	0.00E+00	0.00E+00	8.49E-08	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	5.57E-09	0.00E+00	0.00E+00	0.00E+00	5.57E-09
3744	462683.7	3773357	8.57E-08	0.00E+00	0.00E+00	0.00E+00	8.57E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	5.63E-09	0.00E+00	0.00E+00	0.00E+00	5.63E-09
3745	462680.07	3773348.4	8.62E-08	0.00E+00	0.00E+00	0.00E+00	8.62E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	5.66E-09	0.00E+00	0.00E+00	0.00E+00	5.66E-09
3746	462676.44	3773339.8	8.65E-08	0.00E+00	0.00E+00	0.00E+00	8.65E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	5.68E-09	0.00E+00	0.00E+00	0.00E+00	5.68E-09
3747	462672.81	3773331.2	8.67E-08	0.00E+00	0.00E+00	0.00E+00	8.67E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	5.69E-09	0.00E+00	0.00E+00	0.00E+00	5.69E-09
3748	462669.18	3773322.6	8.68E-08	0.00E+00	0.00E+00	0.00E+00	8.68E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	5.70E-09	0.00E+00	0.00E+00	0.00E+00	5.70E-09
3749	462665.55	3773314.01	8.69E-08	0.00E+00	0.00E+00	0.00E+00	8.69E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	5.70E-09	0.00E+00	0.00E+00	0.00E+00	5.70E-09
3750	462661.92	3773305.41	8.68E-08	0.00E+00	0.00E+00	0.00E+00	8.68E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	5.69E-09	0.00E+00	0.00E+00	0.00E+00	5.69E-09
3751	462658.29	3773296.81	8.64E-08	0.00E+00	0.00E+00	0.00E+00	8.64E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	5.67E-09	0.00E+00	0.00E+00	0.00E+00	5.67E-09
3752	462654.66	3773288.21	8.56E-08	0.00E+00	0.00E+00	0.00E+00	8.56E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	5.62E-09	0.00E+00	0.00E+00	0.00E+00	5.62E-09
3753	462917.47	3773547.8	1.47E-07	0.00E+00	0.00E+00	0.00E+00	1.47E-07	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	9.63E-09	0.00E+00	0.00E+00	0.00E+00	9.63E-09
3754	462908.85	3773544.25	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	9.38E-09	0.00E+00	0.00E+00	0.00E+00	9.38E-09
3755	462900.24	3773540.7	1.39E-07	0.00E+00	0.00E+00	0.00E+00	1.39E-07	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	9.13E-09	0.00E+00	0.00E+00	0.00E+00	9.13E-09
3756	462891.62	3773537.16	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	8.89E-09	0.00E+00	0.00E+00	0.00E+00	8.89E-09
3757	462883	3773533.61	1.32E-07	0.00E+00	0.00E+00	0.00E+00	1.32E-07	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	8.63E-09	0.00E+00	0.00E+00	0.00E+00	8.63E-09
3758	462874.38	3773530.06	1.28E-07	0.00E+00	0.00E+00	0.00E+00	1.28E-07	1.95E-08	0.00E+00	0.00E+00	0.00E+00	1.95E-08	8.37E-09	0.00E+00	0.00E+00	0.00E+00	8.37E-09

3759	462865.76	3773526.52	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07		1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08		8.12E-09	0.00E+00	0.00E+00	0.00E+00	8.12E-09
3760	462857.14	3773522.97	1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07		1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08		7.86E-09	0.00E+00	0.00E+00	0.00E+00	7.86E-09
3761	462848.52	3773519.42	1.16E-07	0.00E+00	0.00E+00	0.00E+00	1.16E-07		1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08		7.61E-09	0.00E+00	0.00E+00	0.00E+00	7.61E-09
3762	462839.9	3773515.88	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07		1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08		7.36E-09	0.00E+00	0.00E+00	0.00E+00	7.36E-09
3763	462831.29	3773512.33	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07		1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08		7.11E-09	0.00E+00	0.00E+00	0.00E+00	7.11E-09
3764	462822.67	3773508.78	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07		1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08		6.88E-09	0.00E+00	0.00E+00	0.00E+00	6.88E-09
3765	462814.05	3773505.24	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07		1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08		6.65E-09	0.00E+00	0.00E+00	0.00E+00	6.65E-09
3766	462805.43	3773501.69	9.80E-08	0.00E+00	0.00E+00	0.00E+00	9.80E-08		1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08		6.43E-09	0.00E+00	0.00E+00	0.00E+00	6.43E-09
3767	462796.81	3773498.14	9.47E-08	0.00E+00	0.00E+00	0.00E+00	9.47E-08		1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08		6.21E-09	0.00E+00	0.00E+00	0.00E+00	6.21E-09
3768	462788.19	3773494.59	9.15E-08	0.00E+00	0.00E+00	0.00E+00	9.15E-08		1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08		6.00E-09	0.00E+00	0.00E+00	0.00E+00	6.00E-09
3769	462779.57	3773491.05	8.83E-08	0.00E+00	0.00E+00	0.00E+00	8.83E-08		1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08		5.79E-09	0.00E+00	0.00E+00	0.00E+00	5.79E-09
3770	462770.95	3773487.5	8.51E-08	0.00E+00	0.00E+00	0.00E+00	8.51E-08		1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08		5.58E-09	0.00E+00	0.00E+00	0.00E+00	5.58E-09
3771	462704.73	3773454.33	6.70E-08	0.00E+00	0.00E+00	0.00E+00	6.70E-08		1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08		4.40E-09	0.00E+00	0.00E+00	0.00E+00	4.40E-09
3772	462701.1	3773445.75	6.80E-08	0.00E+00	0.00E+00	0.00E+00	6.80E-08		1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08		4.46E-09	0.00E+00	0.00E+00	0.00E+00	4.46E-09
3773	462697.48	3773437.16	6.89E-08	0.00E+00	0.00E+00	0.00E+00	6.89E-08		1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08		4.52E-09	0.00E+00	0.00E+00	0.00E+00	4.52E-09
3774	462693.85	3773428.58	6.98E-08	0.00E+00	0.00E+00	0.00E+00	6.98E-08		1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08		4.58E-09	0.00E+00	0.00E+00	0.00E+00	4.58E-09
3775	462690.23	3773419.99	7.06E-08	0.00E+00	0.00E+00	0.00E+00	7.06E-08		1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08		4.63E-09	0.00E+00	0.00E+00	0.00E+00	4.63E-09
3776	462686.6	3773411.4	7.13E-08	0.00E+00	0.00E+00	0.00E+00	7.13E-08		1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08		4.68E-09	0.00E+00	0.00E+00	0.00E+00	4.68E-09
3777	462682.97	3773402.82	7.21E-08	0.00E+00	0.00E+00	0.00E+00	7.21E-08		1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08		4.73E-09	0.00E+00	0.00E+00	0.00E+00	4.73E-09
3778	462679.35	3773394.23	7.28E-08	0.00E+00	0.00E+00	0.00E+00	7.28E-08		1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08		4.78E-09	0.00E+00	0.00E+00	0.00E+00	4.78E-09
3779	462675.72	3773385.65	7.36E-08	0.00E+00	0.00E+00	0.00E+00	7.36E-08		1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08		4.83E-09	0.00E+00	0.00E+00	0.00E+00	4.83E-09
3780	462672.1	3773377.06	7.44E-08	0.00E+00	0.00E+00	0.00E+00	7.44E-08		1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08		4.88E-09	0.00E+00	0.00E+00	0.00E+00	4.88E-09
3781	462668.47	3773368.47	7.51E-08	0.00E+00	0.00E+00	0.00E+00	7.51E-08		1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08		4.93E-09	0.00E+00	0.00E+00	0.00E+00	4.93E-09
3782	462664.85	3773359.89	7.57E-08	0.00E+00	0.00E+00	0.00E+00	7.57E-08		1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08		4.97E-09	0.00E+00	0.00E+00	0.00E+00	4.97E-09
3783	462661.22	3773351.3	7.60E-08	0.00E+00	0.00E+00	0.00E+00	7.60E-08		1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08		4.99E-09	0.00E+00	0.00E+00	0.00E+00	4.99E-09
3784	462657.6	3773342.72	7.62E-08	0.00E+00	0.00E+00	0.00E+00	7.62E-08		1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08		5.00E-09	0.00E+00	0.00E+00	0.00E+00	5.00E-09
3785	462653.97	3773334.13	7.64E-08	0.00E+00	0.00E+00	0.00E+00	7.64E-08		1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08		5.01E-09	0.00E+00	0.00E+00	0.00E+00	5.01E-09
3786	462650.34	3773325.54	7.65E-08	0.00E+00	0.00E+00	0.00E+00	7.65E-08		1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08		5.02E-09	0.00E+00	0.00E+00	0.00E+00	5.02E-09
3787	462646.72	3773316.96	7.63E-08	0.00E+00	0.00E+00	0.00E+00	7.63E-08		1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08		5.01E-09	0.00E+00	0.00E+00	0.00E+00	5.01E-09
3788	462643.09	3773308.37	7.61E-08	0.00E+00	0.00E+00	0.00E+00	7.61E-08		1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08		4.99E-09	0.00E+00	0.00E+00	0.00E+00	4.99E-09
3789	462639.47	3773299.79	7.56E-08	0.00E+00	0.00E+00	0.00E+00	7.56E-08		1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08		4.96E-09	0.00E+00	0.00E+00	0.00E+00	4.96E-09
3790	462635.84	3773291.2	7.50E-08	0.00E+00	0.00E+00	0.00E+00	7.50E-08		1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08		4.92E-09	0.00E+00	0.00E+00	0.00E+00	4.92E-09
3791	462917.48	3773577.8	1.22E-07	0.00E+00	0.00E+00	0.00E+00	1.22E-07		1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08		8.03E-09	0.00E+00	0.00E+00	0.00E+00	8.03E-09
3792	462908.87	3773574.26	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07		1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08		7.84E-09	0.00E+00	0.00E+00	0.00E+00	7.84E-09
3793	462900.27	3773570.72	1.16E-07	0.00E+00	0.00E+00	0.00E+00	1.16E-07		1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08		7.64E-09	0.00E+00	0.00E+00	0.00E+00	7.64E-09
3794	462891.67	3773567.18	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07		1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08		7.45E-09	0.00E+00	0.00E+00	0.00E+00	7.45E-09
3795	462883.06	3773563.64	1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07		1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08		7.26E-09	0.00E+00	0.00E+00	0.00E+00	7.26E-09
3796	462874.46	3773560.1	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07		1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08		7.07E-09	0.00E+00	0.00E+00	0.00E+00	7.07E-09
3797	462865.86	3773556.56	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07		1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08		6.89E-09	0.00E+00	0.00E+00	0.00E+00	6.89E-09
3798	462857.26	3773553.02	1.02E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-07		1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08		6.71E-09	0.00E+00	0.00E+00	0.00E+00	6.71E-09
3799	462848.65	3773549.48	9.94E-08	0.00E+00	0.00E+00	0.00E+00	9.94E-08		1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08		6.52E-09	0.00E+00	0.00E+00	0.00E+00	6.52E-09
3800	462840.05	3773545.94	9.64E-08	0.00E+00	0.00E+00	0.00E+00	9.64E-08		1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08		6.33E-09	0.00E+00	0.00E+00	0.00E+00	6.33E-09
3801	462831.45	3773542.4	9.34E-08	0.00E+00	0.00E+00	0.00E+00	9.34E-08		1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08		6.13E-09	0.00E+00	0.00E+00	0.00E+00	6.13E-09
3802	462822.85	3773538.86	9.05E-08	0.00E+00	0.00E+00	0.00E+00	9.05E-08		1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08		5.94E-09	0.00E+00	0.00E+00	0.00E+00	5.94E-09
3803	462814.24	3773535.32	8.77E-08	0.00E+00	0.00E+00	0.00E+00	8.77E-08		1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08		5.75E-09	0.00E+00	0.00E+00	0.00E+00	5.75E-09
3804	462805.64	3773531.77	8.51E-08	0.00E+00	0.00E+00	0.00E+00	8.51E-08		1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08		5.58E-09	0.00E+00	0.00E+00	0.00E+00	5.58E-09
3805	462797.04	3773528.23	8.25E-08	0.00E+00	0.00E+00	0.00E+00	8.25E-08		1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08		5.41E-09	0.00E+00	0.00E+00	0.00E+00	5.41E-09
3806	462788.43	3773524.69	8.00E-08	0.00E+00	0.00E+00	0.00E+00	8.00E-08		1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08		5.25E-09	0.00E+00	0.00E+00	0.00E+00	5.25E-09
3807	462779.83	3773521.15	7.75E-08	0.00E+00	0.00E+00	0.00E+00	7.75E-08		1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08		5.09E-09	0.00E+00	0.00E+00	0.00E+00	5.09E-09
3808	462771.23	3773517.61	7.51E-08	0.00E+00	0.00E+00	0.00E+00	7.51E-08		1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08		4.93E-09	0.00E+00	0.00E+00	0.00E+00	4.93E-09
3809	462762.63	3773514.07	7.28E-08	0.00E+00	0.00E+00	0.00E+00	7.28E-08		1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08		4.78E-09	0.00E+00	0.00E+00	0.00E+00	4.78E-09
3810	462754.02	3773510.53	7.06E-08	0.00E+00	0.00E+00	0.00E+00	7.06E-08		1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08		4.63E-09	0.00E+00	0.00E+00	0.00E+00	4.63E-09
3811	462745.42	3773506.99	6.84E-08	0.00E+00	0.00E+00	0.00E+00	6.84E-08		1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08		4.49E-09	0.00E+00	0.00E+00	0.00E+00	4.49E-09
3812	462736.82	3773503.45	6.63E-08	0.00E+00	0.00E+00	0.00E+00	6.63E-08		1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08		4.35E-09	0.00E+00	0.00E+00	0.00E+00	4.35E-09
3813	462728.21	3773499.91	6.42E-08	0.00E+00	0.00E+00	0.00E+00	6.42E-08		9.82E-09	0.00E+00	0.00E+00	0.00E+00	9.82E-09		4.21E-09	0.00E+00	0.00E+00	0.00E+00	4.21E-09
3814	462719.61	3773496.37	6.22E-08	0.00E+00	0.00E+00	0.00E+00	6.22E-08		9.52E-09	0.00E+00	0.00E+00	0.00E+00	9.52E-09		4.08E-09	0.00E+00	0.00E+00	0.00E+00	4.08E-09
3815	462711.01	3773492.83	6.03E-08	0.00E+00	0.00E+00	0.00E+00	6.03E-08		9.23E-09	0.00E+00	0.00E+00	0.00E+00	9.23E-09		3.96E-09	0.00E+00	0.00E+00	0.00E+00	3.96E-09

3816	462702.41	3773489.29	5.85E-08	0.00E+00	0.00E+00	0.00E+00	5.85E-08	8.95E-09	0.00E+00	0.00E+00	0.00E+00	8.95E-09	3.84E-09	0.00E+00	0.00E+00	0.00E+00	3.84E-09
3817	462674.57	3773454.23	5.76E-08	0.00E+00	0.00E+00	0.00E+00	5.76E-08	8.81E-09	0.00E+00	0.00E+00	0.00E+00	8.81E-09	3.78E-09	0.00E+00	0.00E+00	0.00E+00	3.78E-09
3818	462670.95	3773445.66	5.83E-08	0.00E+00	0.00E+00	0.00E+00	5.83E-08	8.92E-09	0.00E+00	0.00E+00	0.00E+00	8.92E-09	3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09
3819	462667.33	3773437.09	5.89E-08	0.00E+00	0.00E+00	0.00E+00	5.89E-08	9.01E-09	0.00E+00	0.00E+00	0.00E+00	9.01E-09	3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09
3820	462663.71	3773428.52	5.94E-08	0.00E+00	0.00E+00	0.00E+00	5.94E-08	9.10E-09	0.00E+00	0.00E+00	0.00E+00	9.10E-09	3.90E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-09
3821	462660.1	3773419.95	6.00E-08	0.00E+00	0.00E+00	0.00E+00	6.00E-08	9.18E-09	0.00E+00	0.00E+00	0.00E+00	9.18E-09	3.94E-09	0.00E+00	0.00E+00	0.00E+00	3.94E-09
3822	462656.48	3773411.38	6.06E-08	0.00E+00	0.00E+00	0.00E+00	6.06E-08	9.28E-09	0.00E+00	0.00E+00	0.00E+00	9.28E-09	3.98E-09	0.00E+00	0.00E+00	0.00E+00	3.98E-09
3823	462652.86	3773402.81	6.13E-08	0.00E+00	0.00E+00	0.00E+00	6.13E-08	9.38E-09	0.00E+00	0.00E+00	0.00E+00	9.38E-09	4.02E-09	0.00E+00	0.00E+00	0.00E+00	4.02E-09
3824	462649.24	3773394.24	6.19E-08	0.00E+00	0.00E+00	0.00E+00	6.19E-08	9.48E-09	0.00E+00	0.00E+00	0.00E+00	9.48E-09	4.06E-09	0.00E+00	0.00E+00	0.00E+00	4.06E-09
3825	462645.62	3773385.67	6.25E-08	0.00E+00	0.00E+00	0.00E+00	6.25E-08	9.57E-09	0.00E+00	0.00E+00	0.00E+00	9.57E-09	4.10E-09	0.00E+00	0.00E+00	0.00E+00	4.10E-09
3826	462642	3773377.1	6.29E-08	0.00E+00	0.00E+00	0.00E+00	6.29E-08	9.63E-09	0.00E+00	0.00E+00	0.00E+00	9.63E-09	4.13E-09	0.00E+00	0.00E+00	0.00E+00	4.13E-09
3827	462638.38	3773368.53	6.32E-08	0.00E+00	0.00E+00	0.00E+00	6.32E-08	9.67E-09	0.00E+00	0.00E+00	0.00E+00	9.67E-09	4.15E-09	0.00E+00	0.00E+00	0.00E+00	4.15E-09
3828	462634.76	3773359.96	6.34E-08	0.00E+00	0.00E+00	0.00E+00	6.34E-08	9.71E-09	0.00E+00	0.00E+00	0.00E+00	9.71E-09	4.16E-09	0.00E+00	0.00E+00	0.00E+00	4.16E-09
3829	462631.14	3773351.39	6.37E-08	0.00E+00	0.00E+00	0.00E+00	6.37E-08	9.74E-09	0.00E+00	0.00E+00	0.00E+00	9.74E-09	4.18E-09	0.00E+00	0.00E+00	0.00E+00	4.18E-09
3830	462627.53	3773342.82	6.39E-08	0.00E+00	0.00E+00	0.00E+00	6.39E-08	9.78E-09	0.00E+00	0.00E+00	0.00E+00	9.78E-09	4.19E-09	0.00E+00	0.00E+00	0.00E+00	4.19E-09
3831	462605.81	3773291.4	6.26E-08	0.00E+00	0.00E+00	0.00E+00	6.26E-08	9.58E-09	0.00E+00	0.00E+00	0.00E+00	9.58E-09	4.11E-09	0.00E+00	0.00E+00	0.00E+00	4.11E-09
3832	462602.19	3773282.83	6.20E-08	0.00E+00	0.00E+00	0.00E+00	6.20E-08	9.49E-09	0.00E+00	0.00E+00	0.00E+00	9.49E-09	4.07E-09	0.00E+00	0.00E+00	0.00E+00	4.07E-09
3833	462598.57	3773274.26	6.13E-08	0.00E+00	0.00E+00	0.00E+00	6.13E-08	9.38E-09	0.00E+00	0.00E+00	0.00E+00	9.38E-09	4.02E-09	0.00E+00	0.00E+00	0.00E+00	4.02E-09
3834	462917.47	3773607.8	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	6.82E-09	0.00E+00	0.00E+00	0.00E+00	6.82E-09
3835	462908.83	3773604.24	1.02E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-07	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	6.67E-09	0.00E+00	0.00E+00	0.00E+00	6.67E-09
3836	462900.19	3773600.69	9.94E-08	0.00E+00	0.00E+00	0.00E+00	9.94E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	6.52E-09	0.00E+00	0.00E+00	0.00E+00	6.52E-09
3837	462891.56	3773597.13	9.72E-08	0.00E+00	0.00E+00	0.00E+00	9.72E-08	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	6.38E-09	0.00E+00	0.00E+00	0.00E+00	6.38E-09
3838	462882.92	3773593.58	9.49E-08	0.00E+00	0.00E+00	0.00E+00	9.49E-08	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08	6.23E-09	0.00E+00	0.00E+00	0.00E+00	6.23E-09
3839	462874.28	3773590.02	9.25E-08	0.00E+00	0.00E+00	0.00E+00	9.25E-08	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	6.07E-09	0.00E+00	0.00E+00	0.00E+00	6.07E-09
3840	462865.64	3773586.47	9.01E-08	0.00E+00	0.00E+00	0.00E+00	9.01E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	5.91E-09	0.00E+00	0.00E+00	0.00E+00	5.91E-09
3841	462857	3773582.91	8.77E-08	0.00E+00	0.00E+00	0.00E+00	8.77E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	5.76E-09	0.00E+00	0.00E+00	0.00E+00	5.76E-09
3842	462848.36	3773579.36	8.54E-08	0.00E+00	0.00E+00	0.00E+00	8.54E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	5.61E-09	0.00E+00	0.00E+00	0.00E+00	5.61E-09
3843	462839.72	3773575.8	8.33E-08	0.00E+00	0.00E+00	0.00E+00	8.33E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	5.47E-09	0.00E+00	0.00E+00	0.00E+00	5.47E-09
3844	462831.09	3773572.25	8.12E-08	0.00E+00	0.00E+00	0.00E+00	8.12E-08	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	5.33E-09	0.00E+00	0.00E+00	0.00E+00	5.33E-09
3845	462822.45	3773568.69	7.91E-08	0.00E+00	0.00E+00	0.00E+00	7.91E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	5.19E-09	0.00E+00	0.00E+00	0.00E+00	5.19E-09
3846	462813.81	3773565.14	7.69E-08	0.00E+00	0.00E+00	0.00E+00	7.69E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	5.05E-09	0.00E+00	0.00E+00	0.00E+00	5.05E-09
3847	462805.17	3773561.58	7.48E-08	0.00E+00	0.00E+00	0.00E+00	7.48E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	4.91E-09	0.00E+00	0.00E+00	0.00E+00	4.91E-09
3848	462796.53	3773558.03	7.27E-08	0.00E+00	0.00E+00	0.00E+00	7.27E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	4.77E-09	0.00E+00	0.00E+00	0.00E+00	4.77E-09
3849	462787.89	3773554.47	7.06E-08	0.00E+00	0.00E+00	0.00E+00	7.06E-08	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	4.63E-09	0.00E+00	0.00E+00	0.00E+00	4.63E-09
3850	462779.26	3773550.92	6.85E-08	0.00E+00	0.00E+00	0.00E+00	6.85E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	4.50E-09	0.00E+00	0.00E+00	0.00E+00	4.50E-09
3851	462770.62	3773547.36	6.65E-08	0.00E+00	0.00E+00	0.00E+00	6.65E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	4.37E-09	0.00E+00	0.00E+00	0.00E+00	4.37E-09
3852	462761.98	3773543.81	6.46E-08	0.00E+00	0.00E+00	0.00E+00	6.46E-08	9.89E-09	0.00E+00	0.00E+00	0.00E+00	9.89E-09	4.24E-09	0.00E+00	0.00E+00	0.00E+00	4.24E-09
3853	462753.34	3773540.25	6.27E-08	0.00E+00	0.00E+00	0.00E+00	6.27E-08	9.60E-09	0.00E+00	0.00E+00	0.00E+00	9.60E-09	4.11E-09	0.00E+00	0.00E+00	0.00E+00	4.11E-09
3854	462744.7	3773536.7	6.08E-08	0.00E+00	0.00E+00	0.00E+00	6.08E-08	9.31E-09	0.00E+00	0.00E+00	0.00E+00	9.31E-09	3.99E-09	0.00E+00	0.00E+00	0.00E+00	3.99E-09
3855	462736.06	3773533.14	5.91E-08	0.00E+00	0.00E+00	0.00E+00	5.91E-08	9.05E-09	0.00E+00	0.00E+00	0.00E+00	9.05E-09	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09
3856	462727.43	3773529.59	5.74E-08	0.00E+00	0.00E+00	0.00E+00	5.74E-08	8.79E-09	0.00E+00	0.00E+00	0.00E+00	8.79E-09	3.77E-09	0.00E+00	0.00E+00	0.00E+00	3.77E-09
3857	462718.79	3773526.03	5.58E-08	0.00E+00	0.00E+00	0.00E+00	5.58E-08	8.54E-09	0.00E+00	0.00E+00	0.00E+00	8.54E-09	3.66E-09	0.00E+00	0.00E+00	0.00E+00	3.66E-09
3858	462710.15	3773522.48	5.42E-08	0.00E+00	0.00E+00	0.00E+00	5.42E-08	8.30E-09	0.00E+00	0.00E+00	0.00E+00	8.30E-09	3.56E-09	0.00E+00	0.00E+00	0.00E+00	3.56E-09
3859	462701.51	3773518.92	5.27E-08	0.00E+00	0.00E+00	0.00E+00	5.27E-08	8.07E-09	0.00E+00	0.00E+00	0.00E+00	8.07E-09	3.46E-09	0.00E+00	0.00E+00	0.00E+00	3.46E-09
3860	462692.87	3773515.37	5.13E-08	0.00E+00	0.00E+00	0.00E+00	5.13E-08	7.85E-09	0.00E+00	0.00E+00	0.00E+00	7.85E-09	3.37E-09	0.00E+00	0.00E+00	0.00E+00	3.37E-09
3861	462684.23	3773511.81	4.99E-08	0.00E+00	0.00E+00	0.00E+00	4.99E-08	7.64E-09	0.00E+00	0.00E+00	0.00E+00	7.64E-09	3.27E-09	0.00E+00	0.00E+00	0.00E+00	3.27E-09
3862	462675.6	3773508.26	4.86E-08	0.00E+00	0.00E+00	0.00E+00	4.86E-08	7.43E-09	0.00E+00	0.00E+00	0.00E+00	7.43E-09	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.19E-09
3863	462666.96	3773504.7	4.73E-08	0.00E+00	0.00E+00	0.00E+00	4.73E-08	7.24E-09	0.00E+00	0.00E+00	0.00E+00	7.24E-09	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09
3864	462661.88	3773495.5	4.75E-08	0.00E+00	0.00E+00	0.00E+00	4.75E-08	7.27E-09	0.00E+00	0.00E+00	0.00E+00	7.27E-09	3.12E-09	0.00E+00	0.00E+00	0.00E+00	3.12E-09
3865	462647.35	3773461.08	4.95E-08	0.00E+00	0.00E+00	0.00E+00	4.95E-08	7.58E-09	0.00E+00	0.00E+00	0.00E+00	7.58E-09	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09
3866	462643.71	3773452.48	5.01E-08	0.00E+00	0.00E+00	0.00E+00	5.01E-08	7.67E-09	0.00E+00	0.00E+00	0.00E+00	7.67E-09	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09
3867	462640.08	3773443.87	5.07E-08	0.00E+00	0.00E+00	0.00E+00	5.07E-08	7.75E-09	0.00E+00	0.00E+00	0.00E+00	7.75E-09	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09
3868	462636.45	3773435.27	5.11E-08	0.00E+00	0.00E+00	0.00E+00	5.11E-08	7.82E-09	0.00E+00	0.00E+00	0.00E+00	7.82E-09	3.35E-09	0.00E+00	0.00E+00	0.00E+00	3.35E-09
3869	462632.81	3773426.66	5.15E-08	0.00E+00	0.00E+00	0.00E+00	5.15E-08	7.89E-09	0.00E+00	0.00E+00	0.00E+00	7.89E-09	3.38E-09	0.00E+00	0.00E+00	0.00E+00	3.38E-09
3870	462629.18	3773418.05	5.20E-08	0.00E+00	0.00E+00	0.00E+00	5.20E-08	7.95E-09	0.00E+00	0.00E+00	0.00E+00	7.95E-09	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09
3871	462607.38	3773366.42	5.41E-08	0.00E+00	0.00E+00	0.00E+00	5.41E-08	8.28E-09	0.00E+00	0.00E+00	0.00E+00	8.28E-09	3.55E-09	0.00E+00	0.00E+00	0.00E+00	3.55E-09
3872	462603.74	3773357.82	5.42E-08	0.00E+00	0.00E+00	0.00E+00	5.42E-08	8.29E-09	0.00E+00	0.00E+00	0.00E+00	8.29E-09	3.56E-09	0.00E+00	0.00E+00	0.00E+00	3.56E-09

3873	462600.11	3773349.21	5.43E-08	0.00E+00	0.00E+00	0.00E+00	5.43E-08		8.31E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-09		3.56E-09	0.00E+00	0.00E+00	0.00E+00	3.56E-09
3874	462596.47	3773340.6	5.43E-08	0.00E+00	0.00E+00	0.00E+00	5.43E-08		8.31E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-09		3.56E-09	0.00E+00	0.00E+00	0.00E+00	3.56E-09
3875	462592.84	3773332	5.42E-08	0.00E+00	0.00E+00	0.00E+00	5.42E-08		8.30E-09	0.00E+00	0.00E+00	0.00E+00	8.30E-09		3.56E-09	0.00E+00	0.00E+00	0.00E+00	3.56E-09
3876	462589.21	3773323.39	5.40E-08	0.00E+00	0.00E+00	0.00E+00	5.40E-08		8.27E-09	0.00E+00	0.00E+00	0.00E+00	8.27E-09		3.55E-09	0.00E+00	0.00E+00	0.00E+00	3.55E-09
3877	462585.57	3773314.79	5.38E-08	0.00E+00	0.00E+00	0.00E+00	5.38E-08		8.24E-09	0.00E+00	0.00E+00	0.00E+00	8.24E-09		3.53E-09	0.00E+00	0.00E+00	0.00E+00	3.53E-09
3878	462581.94	3773306.18	5.35E-08	0.00E+00	0.00E+00	0.00E+00	5.35E-08		8.20E-09	0.00E+00	0.00E+00	0.00E+00	8.20E-09		3.51E-09	0.00E+00	0.00E+00	0.00E+00	3.51E-09
3879	462578.31	3773297.58	5.33E-08	0.00E+00	0.00E+00	0.00E+00	5.33E-08		8.15E-09	0.00E+00	0.00E+00	0.00E+00	8.15E-09		3.49E-09	0.00E+00	0.00E+00	0.00E+00	3.49E-09
3880	462574.67	3773288.97	5.28E-08	0.00E+00	0.00E+00	0.00E+00	5.28E-08		8.08E-09	0.00E+00	0.00E+00	0.00E+00	8.08E-09		3.46E-09	0.00E+00	0.00E+00	0.00E+00	3.46E-09
3881	462571.04	3773280.37	5.22E-08	0.00E+00	0.00E+00	0.00E+00	5.22E-08		8.00E-09	0.00E+00	0.00E+00	0.00E+00	8.00E-09		3.43E-09	0.00E+00	0.00E+00	0.00E+00	3.43E-09
3882	462917.47	3773637.8	8.91E-08	0.00E+00	0.00E+00	0.00E+00	8.91E-08		1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08		5.84E-09	0.00E+00	0.00E+00	0.00E+00	5.84E-09
3883	462908.85	3773634.25	8.71E-08	0.00E+00	0.00E+00	0.00E+00	8.71E-08		1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08		5.72E-09	0.00E+00	0.00E+00	0.00E+00	5.72E-09
3884	462900.23	3773630.7	8.53E-08	0.00E+00	0.00E+00	0.00E+00	8.53E-08		1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08		5.60E-09	0.00E+00	0.00E+00	0.00E+00	5.60E-09
3885	462891.6	3773627.15	8.35E-08	0.00E+00	0.00E+00	0.00E+00	8.35E-08		1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08		5.48E-09	0.00E+00	0.00E+00	0.00E+00	5.48E-09
3886	462882.98	3773623.6	8.17E-08	0.00E+00	0.00E+00	0.00E+00	8.17E-08		1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08		5.36E-09	0.00E+00	0.00E+00	0.00E+00	5.36E-09
3887	462874.36	3773620.05	8.00E-08	0.00E+00	0.00E+00	0.00E+00	8.00E-08		1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08		5.25E-09	0.00E+00	0.00E+00	0.00E+00	5.25E-09
3888	462865.73	3773616.51	7.82E-08	0.00E+00	0.00E+00	0.00E+00	7.82E-08		1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08		5.13E-09	0.00E+00	0.00E+00	0.00E+00	5.13E-09
3889	462857.11	3773612.96	7.64E-08	0.00E+00	0.00E+00	0.00E+00	7.64E-08		1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08		5.01E-09	0.00E+00	0.00E+00	0.00E+00	5.01E-09
3890	462848.49	3773609.41	7.45E-08	0.00E+00	0.00E+00	0.00E+00	7.45E-08		1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08		4.89E-09	0.00E+00	0.00E+00	0.00E+00	4.89E-09
3891	462839.86	3773605.86	7.28E-08	0.00E+00	0.00E+00	0.00E+00	7.28E-08		1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08		4.77E-09	0.00E+00	0.00E+00	0.00E+00	4.77E-09
3892	462831.24	3773602.31	7.10E-08	0.00E+00	0.00E+00	0.00E+00	7.10E-08		1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08		4.66E-09	0.00E+00	0.00E+00	0.00E+00	4.66E-09
3893	462822.62	3773598.76	6.93E-08	0.00E+00	0.00E+00	0.00E+00	6.93E-08		1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08		4.55E-09	0.00E+00	0.00E+00	0.00E+00	4.55E-09
3894	462813.99	3773595.21	6.76E-08	0.00E+00	0.00E+00	0.00E+00	6.76E-08		1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08		4.43E-09	0.00E+00	0.00E+00	0.00E+00	4.43E-09
3895	462805.37	3773591.66	6.59E-08	0.00E+00	0.00E+00	0.00E+00	6.59E-08		1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08		4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09
3896	462796.75	3773588.12	6.43E-08	0.00E+00	0.00E+00	0.00E+00	6.43E-08		9.85E-09	0.00E+00	0.00E+00	0.00E+00	9.85E-09		4.22E-09	0.00E+00	0.00E+00	0.00E+00	4.22E-09
3897	462788.12	3773584.57	6.27E-08	0.00E+00	0.00E+00	0.00E+00	6.27E-08		9.60E-09	0.00E+00	0.00E+00	0.00E+00	9.60E-09		4.12E-09	0.00E+00	0.00E+00	0.00E+00	4.12E-09
3898	462779.5	3773581.02	6.11E-08	0.00E+00	0.00E+00	0.00E+00	6.11E-08		9.36E-09	0.00E+00	0.00E+00	0.00E+00	9.36E-09		4.01E-09	0.00E+00	0.00E+00	0.00E+00	4.01E-09
3899	462770.88	3773577.47	5.96E-08	0.00E+00	0.00E+00	0.00E+00	5.96E-08		9.12E-09	0.00E+00	0.00E+00	0.00E+00	9.12E-09		3.91E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-09
3900	462762.25	3773573.92	5.80E-08	0.00E+00	0.00E+00	0.00E+00	5.80E-08		8.88E-09	0.00E+00	0.00E+00	0.00E+00	8.88E-09		3.81E-09	0.00E+00	0.00E+00	0.00E+00	3.81E-09
3901	462753.63	3773570.37	5.65E-08	0.00E+00	0.00E+00	0.00E+00	5.65E-08		8.65E-09	0.00E+00	0.00E+00	0.00E+00	8.65E-09		3.71E-09	0.00E+00	0.00E+00	0.00E+00	3.71E-09
3902	462745.01	3773566.82	5.50E-08	0.00E+00	0.00E+00	0.00E+00	5.50E-08		8.42E-09	0.00E+00	0.00E+00	0.00E+00	8.42E-09		3.61E-09	0.00E+00	0.00E+00	0.00E+00	3.61E-09
3903	462736.38	3773563.27	5.35E-08	0.00E+00	0.00E+00	0.00E+00	5.35E-08		8.20E-09	0.00E+00	0.00E+00	0.00E+00	8.20E-09		3.51E-09	0.00E+00	0.00E+00	0.00E+00	3.51E-09
3904	462727.76	3773559.72	5.21E-08	0.00E+00	0.00E+00	0.00E+00	5.21E-08		7.97E-09	0.00E+00	0.00E+00	0.00E+00	7.97E-09		3.42E-09	0.00E+00	0.00E+00	0.00E+00	3.42E-09
3905	462719.14	3773556.18	5.07E-08	0.00E+00	0.00E+00	0.00E+00	5.07E-08		7.75E-09	0.00E+00	0.00E+00	0.00E+00	7.75E-09		3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09
3906	462710.51	3773552.63	4.93E-08	0.00E+00	0.00E+00	0.00E+00	4.93E-08		7.54E-09	0.00E+00	0.00E+00	0.00E+00	7.54E-09		3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09
3907	462701.89	3773549.08	4.80E-08	0.00E+00	0.00E+00	0.00E+00	4.80E-08		7.34E-09	0.00E+00	0.00E+00	0.00E+00	7.34E-09		3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.15E-09
3908	462693.27	3773545.53	4.67E-08	0.00E+00	0.00E+00	0.00E+00	4.67E-08		7.14E-09	0.00E+00	0.00E+00	0.00E+00	7.14E-09		3.06E-09	0.00E+00	0.00E+00	0.00E+00	3.06E-09
3909	462684.64	3773541.98	4.54E-08	0.00E+00	0.00E+00	0.00E+00	4.54E-08		6.95E-09	0.00E+00	0.00E+00	0.00E+00	6.95E-09		2.98E-09	0.00E+00	0.00E+00	0.00E+00	2.98E-09
3910	462676.02	3773538.43	4.42E-08	0.00E+00	0.00E+00	0.00E+00	4.42E-08		6.77E-09	0.00E+00	0.00E+00	0.00E+00	6.77E-09		2.90E-09	0.00E+00	0.00E+00	0.00E+00	2.90E-09
3911	462667.4	3773534.88	4.31E-08	0.00E+00	0.00E+00	0.00E+00	4.31E-08		6.60E-09	0.00E+00	0.00E+00	0.00E+00	6.60E-09		2.83E-09	0.00E+00	0.00E+00	0.00E+00	2.83E-09
3912	462658.77	3773531.33	4.20E-08	0.00E+00	0.00E+00	0.00E+00	4.20E-08		6.43E-09	0.00E+00	0.00E+00	0.00E+00	6.43E-09		2.76E-09	0.00E+00	0.00E+00	0.00E+00	2.76E-09
3913	462650.15	3773527.79	4.10E-08	0.00E+00	0.00E+00	0.00E+00	4.10E-08		6.28E-09	0.00E+00	0.00E+00	0.00E+00	6.28E-09		2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09
3914	462642.59	3773521.12	4.06E-08	0.00E+00	0.00E+00	0.00E+00	4.06E-08		6.21E-09	0.00E+00	0.00E+00	0.00E+00	6.21E-09		2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09
3915	462638.96	3773512.53	4.10E-08	0.00E+00	0.00E+00	0.00E+00	4.10E-08		6.28E-09	0.00E+00	0.00E+00	0.00E+00	6.28E-09		2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09
3916	462635.33	3773503.94	4.14E-08	0.00E+00	0.00E+00	0.00E+00	4.14E-08		6.34E-09	0.00E+00	0.00E+00	0.00E+00	6.34E-09		2.72E-09	0.00E+00	0.00E+00	0.00E+00	2.72E-09
3917	462631.71	3773495.35	4.18E-08	0.00E+00	0.00E+00	0.00E+00	4.18E-08		6.40E-09	0.00E+00	0.00E+00	0.00E+00	6.40E-09		2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09
3918	462606.31	3773435.22	4.47E-08	0.00E+00	0.00E+00	0.00E+00	4.47E-08		6.84E-09	0.00E+00	0.00E+00	0.00E+00	6.84E-09		2.93E-09	0.00E+00	0.00E+00	0.00E+00	2.93E-09
3919	462602.69	3773426.63	4.50E-08	0.00E+00	0.00E+00	0.00E+00	4.50E-08		6.89E-09	0.00E+00	0.00E+00	0.00E+00	6.89E-09		2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09
3920	462599.06	3773418.04	4.53E-08	0.00E+00	0.00E+00	0.00E+00	4.53E-08		6.94E-09	0.00E+00	0.00E+00	0.00E+00	6.94E-09		2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09
3921	462595.43	3773409.45	4.56E-08	0.00E+00	0.00E+00	0.00E+00	4.56E-08		6.99E-09	0.00E+00	0.00E+00	0.00E+00	6.99E-09		2.99E-09	0.00E+00	0.00E+00	0.00E+00	2.99E-09
3922	462591.8	3773400.86	4.59E-08	0.00E+00	0.00E+00	0.00E+00	4.59E-08		7.03E-09	0.00E+00	0.00E+00	0.00E+00	7.03E-09		3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09
3923	462588.18	3773392.27	4.61E-08	0.00E+00	0.00E+00	0.00E+00	4.61E-08		7.06E-09	0.00E+00	0.00E+00	0.00E+00	7.06E-09		3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.03E-09
3924	462584.55	3773383.68	4.63E-08	0.00E+00	0.00E+00	0.00E+00	4.63E-08		7.08E-09	0.00E+00	0.00E+00	0.00E+00	7.08E-09		3.04E-09	0.00E+00	0.00E+00	0.00E+00	3.04E-09
3925	462580.92	3773375.09	4.65E-08	0.00E+00	0.00E+00	0.00E+00	4.65E-08		7.11E-09	0.00E+00	0.00E+00	0.00E+00	7.11E-09		3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.05E-09
3926	462577.29	3773366.49	4.66E-08	0.00E+00	0.00E+00	0.00E+00	4.66E-08		7.14E-09	0.00E+00	0.00E+00	0.00E+00	7.14E-09		3.06E-09	0.00E+00	0.00E+00	0.00E+00	3.06E-09
3927	462573.67	3773357.9	4.67E-08	0.00E+00	0.00E+00	0.00E+00	4.67E-08		7.16E-09	0.00E+00	0.00E+00	0.00E+00	7.16E-09		3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09
3928	462570.04	3773349.31	4.67E-08	0.00E+00	0.00E+00	0.00E+00	4.67E-08		7.15E-09	0.00E+00	0.00E+00	0.00E+00	7.15E-09		3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09
3929	462566.41	3773340.72	4.66E-08	0.00E+00	0.00E+00	0.00E+00	4.66E-08		7.13E-09	0.00E+00	0.00E+00	0.00E+00	7.13E-09		3.06E-09	0.00E+00	0.00E+00	0.00E+00	3.06E-09

3930	462562.78	3773332.13	4.64E-08	0.00E+00	0.00E+00	0.00E+00	4.64E-08	7.11E-09	0.00E+00	0.00E+00	0.00E+00	7.11E-09	3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.05E-09
3931	462559.16	3773323.54	4.63E-08	0.00E+00	0.00E+00	0.00E+00	4.63E-08	7.08E-09	0.00E+00	0.00E+00	0.00E+00	7.08E-09	3.04E-09	0.00E+00	0.00E+00	0.00E+00	3.04E-09
3932	462555.53	3773314.95	4.61E-08	0.00E+00	0.00E+00	0.00E+00	4.61E-08	7.06E-09	0.00E+00	0.00E+00	0.00E+00	7.06E-09	3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.03E-09
3933	462551.9	3773306.36	4.59E-08	0.00E+00	0.00E+00	0.00E+00	4.59E-08	7.02E-09	0.00E+00	0.00E+00	0.00E+00	7.02E-09	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09
3934	462548.27	3773297.77	4.56E-08	0.00E+00	0.00E+00	0.00E+00	4.56E-08	6.98E-09	0.00E+00	0.00E+00	0.00E+00	6.98E-09	2.99E-09	0.00E+00	0.00E+00	0.00E+00	2.99E-09
3935	462544.65	3773289.18	4.52E-08	0.00E+00	0.00E+00	0.00E+00	4.52E-08	6.92E-09	0.00E+00	0.00E+00	0.00E+00	6.92E-09	2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09
3936	462541.02	3773280.59	4.47E-08	0.00E+00	0.00E+00	0.00E+00	4.47E-08	6.85E-09	0.00E+00	0.00E+00	0.00E+00	6.85E-09	2.94E-09	0.00E+00	0.00E+00	0.00E+00	2.94E-09
3937	462917.47	3773667.8	7.74E-08	0.00E+00	0.00E+00	0.00E+00	7.74E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	5.08E-09	0.00E+00	0.00E+00	0.00E+00	5.08E-09
3938	462908.82	3773664.24	7.60E-08	0.00E+00	0.00E+00	0.00E+00	7.60E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	4.98E-09	0.00E+00	0.00E+00	0.00E+00	4.98E-09
3939	462900.16	3773660.67	7.45E-08	0.00E+00	0.00E+00	0.00E+00	7.45E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	4.89E-09	0.00E+00	0.00E+00	0.00E+00	4.89E-09
3940	462891.51	3773657.11	7.30E-08	0.00E+00	0.00E+00	0.00E+00	7.30E-08	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	4.79E-09	0.00E+00	0.00E+00	0.00E+00	4.79E-09
3941	462882.86	3773653.55	7.15E-08	0.00E+00	0.00E+00	0.00E+00	7.15E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	4.70E-09	0.00E+00	0.00E+00	0.00E+00	4.70E-09
3942	462874.21	3773649.99	7.00E-08	0.00E+00	0.00E+00	0.00E+00	7.00E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	4.59E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-09
3943	462865.55	3773646.43	6.85E-08	0.00E+00	0.00E+00	0.00E+00	6.85E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	4.49E-09	0.00E+00	0.00E+00	0.00E+00	4.49E-09
3944	462856.9	3773642.87	6.70E-08	0.00E+00	0.00E+00	0.00E+00	6.70E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	4.40E-09	0.00E+00	0.00E+00	0.00E+00	4.40E-09
3945	462848.25	3773639.31	6.55E-08	0.00E+00	0.00E+00	0.00E+00	6.55E-08	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	4.30E-09	0.00E+00	0.00E+00	0.00E+00	4.30E-09
3946	462839.6	3773635.75	6.42E-08	0.00E+00	0.00E+00	0.00E+00	6.42E-08	9.82E-09	0.00E+00	0.00E+00	0.00E+00	9.82E-09	4.21E-09	0.00E+00	0.00E+00	0.00E+00	4.21E-09
3947	462830.94	3773632.19	6.28E-08	0.00E+00	0.00E+00	0.00E+00	6.28E-08	9.62E-09	0.00E+00	0.00E+00	0.00E+00	9.62E-09	4.12E-09	0.00E+00	0.00E+00	0.00E+00	4.12E-09
3948	462822.29	3773628.63	6.15E-08	0.00E+00	0.00E+00	0.00E+00	6.15E-08	9.41E-09	0.00E+00	0.00E+00	0.00E+00	9.41E-09	4.03E-09	0.00E+00	0.00E+00	0.00E+00	4.03E-09
3949	462813.64	3773625.07	6.01E-08	0.00E+00	0.00E+00	0.00E+00	6.01E-08	9.20E-09	0.00E+00	0.00E+00	0.00E+00	9.20E-09	3.95E-09	0.00E+00	0.00E+00	0.00E+00	3.95E-09
3950	462804.99	3773621.51	5.87E-08	0.00E+00	0.00E+00	0.00E+00	5.87E-08	8.99E-09	0.00E+00	0.00E+00	0.00E+00	8.99E-09	3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09
3951	462796.33	3773617.95	5.74E-08	0.00E+00	0.00E+00	0.00E+00	5.74E-08	8.78E-09	0.00E+00	0.00E+00	0.00E+00	8.78E-09	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09
3952	462787.68	3773614.38	5.60E-08	0.00E+00	0.00E+00	0.00E+00	5.60E-08	8.57E-09	0.00E+00	0.00E+00	0.00E+00	8.57E-09	3.68E-09	0.00E+00	0.00E+00	0.00E+00	3.68E-09
3953	462779.03	3773610.82	5.47E-08	0.00E+00	0.00E+00	0.00E+00	5.47E-08	8.37E-09	0.00E+00	0.00E+00	0.00E+00	8.37E-09	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09
3954	462770.38	3773607.26	5.33E-08	0.00E+00	0.00E+00	0.00E+00	5.33E-08	8.16E-09	0.00E+00	0.00E+00	0.00E+00	8.16E-09	3.50E-09	0.00E+00	0.00E+00	0.00E+00	3.50E-09
3955	462761.72	3773603.7	5.20E-08	0.00E+00	0.00E+00	0.00E+00	5.20E-08	7.96E-09	0.00E+00	0.00E+00	0.00E+00	7.96E-09	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09
3956	462753.07	3773600.14	5.07E-08	0.00E+00	0.00E+00	0.00E+00	5.07E-08	7.77E-09	0.00E+00	0.00E+00	0.00E+00	7.77E-09	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09
3957	462744.42	3773596.58	4.95E-08	0.00E+00	0.00E+00	0.00E+00	4.95E-08	7.57E-09	0.00E+00	0.00E+00	0.00E+00	7.57E-09	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09
3958	462735.77	3773593.02	4.83E-08	0.00E+00	0.00E+00	0.00E+00	4.83E-08	7.39E-09	0.00E+00	0.00E+00	0.00E+00	7.39E-09	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09
3959	462727.11	3773589.46	4.71E-08	0.00E+00	0.00E+00	0.00E+00	4.71E-08	7.21E-09	0.00E+00	0.00E+00	0.00E+00	7.21E-09	3.09E-09	0.00E+00	0.00E+00	0.00E+00	3.09E-09
3960	462718.46	3773585.9	4.59E-08	0.00E+00	0.00E+00	0.00E+00	4.59E-08	7.03E-09	0.00E+00	0.00E+00	0.00E+00	7.03E-09	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09
3961	462709.81	3773582.34	4.48E-08	0.00E+00	0.00E+00	0.00E+00	4.48E-08	6.86E-09	0.00E+00	0.00E+00	0.00E+00	6.86E-09	2.94E-09	0.00E+00	0.00E+00	0.00E+00	2.94E-09
3962	462701.16	3773578.78	4.37E-08	0.00E+00	0.00E+00	0.00E+00	4.37E-08	6.69E-09	0.00E+00	0.00E+00	0.00E+00	6.69E-09	2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09
3963	462692.5	3773575.22	4.26E-08	0.00E+00	0.00E+00	0.00E+00	4.26E-08	6.53E-09	0.00E+00	0.00E+00	0.00E+00	6.53E-09	2.80E-09	0.00E+00	0.00E+00	0.00E+00	2.80E-09
3964	462683.85	3773571.65	4.16E-08	0.00E+00	0.00E+00	0.00E+00	4.16E-08	6.37E-09	0.00E+00	0.00E+00	0.00E+00	6.37E-09	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09
3965	462675.2	3773568.09	4.06E-08	0.00E+00	0.00E+00	0.00E+00	4.06E-08	6.21E-09	0.00E+00	0.00E+00	0.00E+00	6.21E-09	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09
3966	462666.55	3773564.53	3.96E-08	0.00E+00	0.00E+00	0.00E+00	3.96E-08	6.06E-09	0.00E+00	0.00E+00	0.00E+00	6.06E-09	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09
3967	462657.9	3773560.97	3.86E-08	0.00E+00	0.00E+00	0.00E+00	3.86E-08	5.91E-09	0.00E+00	0.00E+00	0.00E+00	5.91E-09	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09
3968	462649.24	3773557.41	3.77E-08	0.00E+00	0.00E+00	0.00E+00	3.77E-08	5.77E-09	0.00E+00	0.00E+00	0.00E+00	5.77E-09	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09
3969	462640.59	3773553.85	3.68E-08	0.00E+00	0.00E+00	0.00E+00	3.68E-08	5.63E-09	0.00E+00	0.00E+00	0.00E+00	5.63E-09	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09
3970	462631.94	3773550.29	3.59E-08	0.00E+00	0.00E+00	0.00E+00	3.59E-08	5.50E-09	0.00E+00	0.00E+00	0.00E+00	5.50E-09	2.36E-09	0.00E+00	0.00E+00	0.00E+00	2.36E-09
3971	462604.48	3773502.19	3.69E-08	0.00E+00	0.00E+00	0.00E+00	3.69E-08	5.64E-09	0.00E+00	0.00E+00	0.00E+00	5.64E-09	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09
3972	462600.84	3773493.58	3.72E-08	0.00E+00	0.00E+00	0.00E+00	3.72E-08	5.69E-09	0.00E+00	0.00E+00	0.00E+00	5.69E-09	2.44E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-09
3973	462597.2	3773484.96	3.75E-08	0.00E+00	0.00E+00	0.00E+00	3.75E-08	5.74E-09	0.00E+00	0.00E+00	0.00E+00	5.74E-09	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09
3974	462586.28	3773459.1	3.85E-08	0.00E+00	0.00E+00	0.00E+00	3.85E-08	5.90E-09	0.00E+00	0.00E+00	0.00E+00	5.90E-09	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09
3975	462582.64	3773450.48	3.89E-08	0.00E+00	0.00E+00	0.00E+00	3.89E-08	5.96E-09	0.00E+00	0.00E+00	0.00E+00	5.96E-09	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09
3976	462579	3773441.86	3.92E-08	0.00E+00	0.00E+00	0.00E+00	3.92E-08	6.00E-09	0.00E+00	0.00E+00	0.00E+00	6.00E-09	2.57E-09	0.00E+00	0.00E+00	0.00E+00	2.57E-09
3977	462575.36	3773433.24	3.94E-08	0.00E+00	0.00E+00	0.00E+00	3.94E-08	6.04E-09	0.00E+00	0.00E+00	0.00E+00	6.04E-09	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09
3978	462571.72	3773424.62	3.97E-08	0.00E+00	0.00E+00	0.00E+00	3.97E-08	6.07E-09	0.00E+00	0.00E+00	0.00E+00	6.07E-09	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09
3979	462568.08	3773416	3.99E-08	0.00E+00	0.00E+00	0.00E+00	3.99E-08	6.11E-09	0.00E+00	0.00E+00	0.00E+00	6.11E-09	2.62E-09	0.00E+00	0.00E+00	0.00E+00	2.62E-09
3980	462564.44	3773407.38	4.01E-08	0.00E+00	0.00E+00	0.00E+00	4.01E-08	6.14E-09	0.00E+00	0.00E+00	0.00E+00	6.14E-09	2.63E-09	0.00E+00	0.00E+00	0.00E+00	2.63E-09
3981	462560.8	3773398.76	4.02E-08	0.00E+00	0.00E+00	0.00E+00	4.02E-08	6.16E-09	0.00E+00	0.00E+00	0.00E+00	6.16E-09	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09
3982	462557.16	3773390.14	4.03E-08	0.00E+00	0.00E+00	0.00E+00	4.03E-08	6.18E-09	0.00E+00	0.00E+00	0.00E+00	6.18E-09	2.65E-09	0.00E+00	0.00E+00	0.00E+00	2.65E-09
3983	462553.52	3773381.52	4.05E-08	0.00E+00	0.00E+00	0.00E+00	4.05E-08	6.19E-09	0.00E+00	0.00E+00	0.00E+00	6.19E-09	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09
3984	462549.88	3773372.9	4.06E-08	0.00E+00	0.00E+00	0.00E+00	4.06E-08	6.21E-09	0.00E+00	0.00E+00	0.00E+00	6.21E-09	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09
3985	462546.24	3773364.28	4.07E-08	0.00E+00	0.00E+00	0.00E+00	4.07E-08	6.23E-09	0.00E+00	0.00E+00	0.00E+00	6.23E-09	2.67E-09	0.00E+00	0.00E+00	0.00E+00	2.67E-09
3986	462542.6	3773355.66	4.07E-08	0.00E+00	0.00E+00	0.00E+00	4.07E-08	6.23E-09	0.00E+00	0.00E+00	0.00E+00	6.23E-09	2.67E-09	0.00E+00	0.00E+00	0.00E+00	2.67E-09

3987	462538.96	3773347.04	4.06E-08	0.00E+00	0.00E+00	0.00E+00	4.06E-08	6.21E-09	0.00E+00	0.00E+00	0.00E+00	6.21E-09	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09
3988	462535.33	3773338.42	4.05E-08	0.00E+00	0.00E+00	0.00E+00	4.05E-08	6.19E-09	0.00E+00	0.00E+00	0.00E+00	6.19E-09	2.65E-09	0.00E+00	0.00E+00	0.00E+00	2.65E-09
3989	462531.69	3773329.8	4.03E-08	0.00E+00	0.00E+00	0.00E+00	4.03E-08	6.16E-09	0.00E+00	0.00E+00	0.00E+00	6.16E-09	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09
3990	462528.05	3773321.19	4.01E-08	0.00E+00	0.00E+00	0.00E+00	4.01E-08	6.13E-09	0.00E+00	0.00E+00	0.00E+00	6.13E-09	2.63E-09	0.00E+00	0.00E+00	0.00E+00	2.63E-09
3991	462524.41	3773312.57	3.99E-08	0.00E+00	0.00E+00	0.00E+00	3.99E-08	6.11E-09	0.00E+00	0.00E+00	0.00E+00	6.11E-09	2.62E-09	0.00E+00	0.00E+00	0.00E+00	2.62E-09
3992	462520.77	3773303.95	3.97E-08	0.00E+00	0.00E+00	0.00E+00	3.97E-08	6.07E-09	0.00E+00	0.00E+00	0.00E+00	6.07E-09	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09
3993	462517.13	3773295.33	3.94E-08	0.00E+00	0.00E+00	0.00E+00	3.94E-08	6.03E-09	0.00E+00	0.00E+00	0.00E+00	6.03E-09	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09
3994	462513.49	3773286.71	3.90E-08	0.00E+00	0.00E+00	0.00E+00	3.90E-08	5.97E-09	0.00E+00	0.00E+00	0.00E+00	5.97E-09	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09
3995	462509.85	3773278.09	3.86E-08	0.00E+00	0.00E+00	0.00E+00	3.86E-08	5.91E-09	0.00E+00	0.00E+00	0.00E+00	5.91E-09	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09
3996	462917.47	3773697.8	6.78E-08	0.00E+00	0.00E+00	0.00E+00	6.78E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	4.45E-09	0.00E+00	0.00E+00	0.00E+00	4.45E-09
3997	462908.83	3773694.24	6.67E-08	0.00E+00	0.00E+00	0.00E+00	6.67E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	4.38E-09	0.00E+00	0.00E+00	0.00E+00	4.38E-09
3998	462900.19	3773690.69	6.54E-08	0.00E+00	0.00E+00	0.00E+00	6.54E-08	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	4.29E-09	0.00E+00	0.00E+00	0.00E+00	4.29E-09
3999	462891.56	3773687.13	6.41E-08	0.00E+00	0.00E+00	0.00E+00	6.41E-08	9.82E-09	0.00E+00	0.00E+00	0.00E+00	9.82E-09	4.21E-09	0.00E+00	0.00E+00	0.00E+00	4.21E-09
4000	462882.92	3773683.58	6.28E-08	0.00E+00	0.00E+00	0.00E+00	6.28E-08	9.62E-09	0.00E+00	0.00E+00	0.00E+00	9.62E-09	4.12E-09	0.00E+00	0.00E+00	0.00E+00	4.12E-09
4001	462874.28	3773680.02	6.17E-08	0.00E+00	0.00E+00	0.00E+00	6.17E-08	9.44E-09	0.00E+00	0.00E+00	0.00E+00	9.44E-09	4.05E-09	0.00E+00	0.00E+00	0.00E+00	4.05E-09
4002	462865.64	3773676.47	6.05E-08	0.00E+00	0.00E+00	0.00E+00	6.05E-08	9.26E-09	0.00E+00	0.00E+00	0.00E+00	9.26E-09	3.97E-09	0.00E+00	0.00E+00	0.00E+00	3.97E-09
4003	462857	3773672.91	5.93E-08	0.00E+00	0.00E+00	0.00E+00	5.93E-08	9.08E-09	0.00E+00	0.00E+00	0.00E+00	9.08E-09	3.89E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-09
4004	462848.36	3773669.36	5.81E-08	0.00E+00	0.00E+00	0.00E+00	5.81E-08	8.89E-09	0.00E+00	0.00E+00	0.00E+00	8.89E-09	3.81E-09	0.00E+00	0.00E+00	0.00E+00	3.81E-09
4005	462839.72	3773665.8	5.69E-08	0.00E+00	0.00E+00	0.00E+00	5.69E-08	8.71E-09	0.00E+00	0.00E+00	0.00E+00	8.71E-09	3.74E-09	0.00E+00	0.00E+00	0.00E+00	3.74E-09
4006	462831.09	3773662.25	5.58E-08	0.00E+00	0.00E+00	0.00E+00	5.58E-08	8.54E-09	0.00E+00	0.00E+00	0.00E+00	8.54E-09	3.66E-09	0.00E+00	0.00E+00	0.00E+00	3.66E-09
4007	462822.45	3773658.69	5.46E-08	0.00E+00	0.00E+00	0.00E+00	5.46E-08	8.36E-09	0.00E+00	0.00E+00	0.00E+00	8.36E-09	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09
4008	462813.81	3773655.14	5.35E-08	0.00E+00	0.00E+00	0.00E+00	5.35E-08	8.19E-09	0.00E+00	0.00E+00	0.00E+00	8.19E-09	3.51E-09	0.00E+00	0.00E+00	0.00E+00	3.51E-09
4009	462805.17	3773651.58	5.25E-08	0.00E+00	0.00E+00	0.00E+00	5.25E-08	8.03E-09	0.00E+00	0.00E+00	0.00E+00	8.03E-09	3.44E-09	0.00E+00	0.00E+00	0.00E+00	3.44E-09
4010	462796.53	3773648.03	5.14E-08	0.00E+00	0.00E+00	0.00E+00	5.14E-08	7.86E-09	0.00E+00	0.00E+00	0.00E+00	7.86E-09	3.37E-09	0.00E+00	0.00E+00	0.00E+00	3.37E-09
4011	462787.89	3773644.47	5.03E-08	0.00E+00	0.00E+00	0.00E+00	5.03E-08	7.70E-09	0.00E+00	0.00E+00	0.00E+00	7.70E-09	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09
4012	462779.26	3773640.92	4.93E-08	0.00E+00	0.00E+00	0.00E+00	4.93E-08	7.54E-09	0.00E+00	0.00E+00	0.00E+00	7.54E-09	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09
4013	462770.62	3773637.36	4.82E-08	0.00E+00	0.00E+00	0.00E+00	4.82E-08	7.38E-09	0.00E+00	0.00E+00	0.00E+00	7.38E-09	3.16E-09	0.00E+00	0.00E+00	0.00E+00	3.16E-09
4014	462761.98	3773633.81	4.72E-08	0.00E+00	0.00E+00	0.00E+00	4.72E-08	7.22E-09	0.00E+00	0.00E+00	0.00E+00	7.22E-09	3.09E-09	0.00E+00	0.00E+00	0.00E+00	3.09E-09
4015	462753.34	3773630.25	4.61E-08	0.00E+00	0.00E+00	0.00E+00	4.61E-08	7.06E-09	0.00E+00	0.00E+00	0.00E+00	7.06E-09	3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.03E-09
4016	462744.7	3773626.7	4.51E-08	0.00E+00	0.00E+00	0.00E+00	4.51E-08	6.90E-09	0.00E+00	0.00E+00	0.00E+00	6.90E-09	2.96E-09	0.00E+00	0.00E+00	0.00E+00	2.96E-09
4017	462736.06	3773623.14	4.41E-08	0.00E+00	0.00E+00	0.00E+00	4.41E-08	6.74E-09	0.00E+00	0.00E+00	0.00E+00	6.74E-09	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09
4018	462727.43	3773619.59	4.30E-08	0.00E+00	0.00E+00	0.00E+00	4.30E-08	6.59E-09	0.00E+00	0.00E+00	0.00E+00	6.59E-09	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09
4019	462718.79	3773616.03	4.20E-08	0.00E+00	0.00E+00	0.00E+00	4.20E-08	6.43E-09	0.00E+00	0.00E+00	0.00E+00	6.43E-09	2.76E-09	0.00E+00	0.00E+00	0.00E+00	2.76E-09
4020	462710.15	3773612.48	4.10E-08	0.00E+00	0.00E+00	0.00E+00	4.10E-08	6.28E-09	0.00E+00	0.00E+00	0.00E+00	6.28E-09	2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09
4021	462701.51	3773608.92	4.01E-08	0.00E+00	0.00E+00	0.00E+00	4.01E-08	6.13E-09	0.00E+00	0.00E+00	0.00E+00	6.13E-09	2.63E-09	0.00E+00	0.00E+00	0.00E+00	2.63E-09
4022	462692.87	3773605.37	3.91E-08	0.00E+00	0.00E+00	0.00E+00	3.91E-08	5.99E-09	0.00E+00	0.00E+00	0.00E+00	5.99E-09	2.57E-09	0.00E+00	0.00E+00	0.00E+00	2.57E-09
4023	462684.23	3773601.81	3.82E-08	0.00E+00	0.00E+00	0.00E+00	3.82E-08	5.84E-09	0.00E+00	0.00E+00	0.00E+00	5.84E-09	2.51E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-09
4024	462675.6	3773598.26	3.73E-08	0.00E+00	0.00E+00	0.00E+00	3.73E-08	5.71E-09	0.00E+00	0.00E+00	0.00E+00	5.71E-09	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09
4025	462666.96	3773594.7	3.64E-08	0.00E+00	0.00E+00	0.00E+00	3.64E-08	5.58E-09	0.00E+00	0.00E+00	0.00E+00	5.58E-09	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09
4026	462658.32	3773591.15	3.56E-08	0.00E+00	0.00E+00	0.00E+00	3.56E-08	5.45E-09	0.00E+00	0.00E+00	0.00E+00	5.45E-09	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09
4027	462649.68	3773587.59	3.48E-08	0.00E+00	0.00E+00	0.00E+00	3.48E-08	5.33E-09	0.00E+00	0.00E+00	0.00E+00	5.33E-09	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09
4028	462641.04	3773584.04	3.40E-08	0.00E+00	0.00E+00	0.00E+00	3.40E-08	5.21E-09	0.00E+00	0.00E+00	0.00E+00	5.21E-09	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09
4029	462632.4	3773580.48	3.33E-08	0.00E+00	0.00E+00	0.00E+00	3.33E-08	5.10E-09	0.00E+00	0.00E+00	0.00E+00	5.10E-09	2.19E-09	0.00E+00	0.00E+00	0.00E+00	2.19E-09
4030	462606.49	3773569.82	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08	4.78E-09	0.00E+00	0.00E+00	0.00E+00	4.78E-09	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09
4031	462599.75	3773562.3	3.10E-08	0.00E+00	0.00E+00	0.00E+00	3.10E-08	4.75E-09	0.00E+00	0.00E+00	0.00E+00	4.75E-09	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09
4032	462596.11	3773553.7	3.13E-08	0.00E+00	0.00E+00	0.00E+00	3.13E-08	4.79E-09	0.00E+00	0.00E+00	0.00E+00	4.79E-09	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09
4033	462592.48	3773545.09	3.15E-08	0.00E+00	0.00E+00	0.00E+00	3.15E-08	4.82E-09	0.00E+00	0.00E+00	0.00E+00	4.82E-09	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09
4034	462581.58	3773519.27	3.24E-08	0.00E+00	0.00E+00	0.00E+00	3.24E-08	4.95E-09	0.00E+00	0.00E+00	0.00E+00	4.95E-09	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09
4035	462577.94	3773510.67	3.27E-08	0.00E+00	0.00E+00	0.00E+00	3.27E-08	5.00E-09	0.00E+00	0.00E+00	0.00E+00	5.00E-09	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09
4036	462574.31	3773502.06	3.29E-08	0.00E+00	0.00E+00	0.00E+00	3.29E-08	5.04E-09	0.00E+00	0.00E+00	0.00E+00	5.04E-09	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-09
4037	462570.68	3773493.46	3.32E-08	0.00E+00	0.00E+00	0.00E+00	3.32E-08	5.08E-09	0.00E+00	0.00E+00	0.00E+00	5.08E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
4038	462567.04	3773484.85	3.34E-08	0.00E+00	0.00E+00	0.00E+00	3.34E-08	5.12E-09	0.00E+00	0.00E+00	0.00E+00	5.12E-09	2.19E-09	0.00E+00	0.00E+00	0.00E+00	2.19E-09
4039	462556.14	3773459.04	3.42E-08	0.00E+00	0.00E+00	0.00E+00	3.42E-08	5.24E-09	0.00E+00	0.00E+00	0.00E+00	5.24E-09	2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09
4040	462552.51	3773450.43	3.44E-08	0.00E+00	0.00E+00	0.00E+00	3.44E-08	5.27E-09	0.00E+00	0.00E+00	0.00E+00	5.27E-09	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09
4041	462548.87	3773441.82	3.46E-08	0.00E+00	0.00E+00	0.00E+00	3.46E-08	5.30E-09	0.00E+00	0.00E+00	0.00E+00	5.30E-09	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09
4042	462545.24	3773433.22	3.49E-08	0.00E+00	0.00E+00	0.00E+00	3.49E-08	5.34E-09	0.00E+00	0.00E+00	0.00E+00	5.34E-09	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09
4043	462541.61	3773424.61	3.51E-08	0.00E+00	0.00E+00	0.00E+00	3.51E-08	5.38E-09	0.00E+00	0.00E+00	0.00E+00	5.38E-09	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09

4044	462537.97	3773416.01	3.53E-08	0.00E+00	0.00E+00	0.00E+00	3.53E-08	5.41E-09	0.00E+00	0.00E+00	0.00E+00	5.41E-09	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09
4045	462534.34	3773407.4	3.55E-08	0.00E+00	0.00E+00	0.00E+00	3.55E-08	5.43E-09	0.00E+00	0.00E+00	0.00E+00	5.43E-09	2.33E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-09
4046	462530.7	3773398.8	3.55E-08	0.00E+00	0.00E+00	0.00E+00	3.55E-08	5.44E-09	0.00E+00	0.00E+00	0.00E+00	5.44E-09	2.33E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-09
4047	462527.07	3773390.19	3.56E-08	0.00E+00	0.00E+00	0.00E+00	3.56E-08	5.45E-09	0.00E+00	0.00E+00	0.00E+00	5.45E-09	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09
4048	462523.44	3773381.59	3.57E-08	0.00E+00	0.00E+00	0.00E+00	3.57E-08	5.46E-09	0.00E+00	0.00E+00	0.00E+00	5.46E-09	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09
4049	462519.8	3773372.98	3.57E-08	0.00E+00	0.00E+00	0.00E+00	3.57E-08	5.47E-09	0.00E+00	0.00E+00	0.00E+00	5.47E-09	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09
4050	462516.17	3773364.38	3.57E-08	0.00E+00	0.00E+00	0.00E+00	3.57E-08	5.47E-09	0.00E+00	0.00E+00	0.00E+00	5.47E-09	2.35E-09	0.00E+00	0.00E+00	0.00E+00	2.35E-09
4051	462512.53	3773355.77	3.57E-08	0.00E+00	0.00E+00	0.00E+00	3.57E-08	5.47E-09	0.00E+00	0.00E+00	0.00E+00	5.47E-09	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09
4052	462508.9	3773347.16	3.56E-08	0.00E+00	0.00E+00	0.00E+00	3.56E-08	5.45E-09	0.00E+00	0.00E+00	0.00E+00	5.45E-09	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09
4053	462505.27	3773338.56	3.55E-08	0.00E+00	0.00E+00	0.00E+00	3.55E-08	5.43E-09	0.00E+00	0.00E+00	0.00E+00	5.43E-09	2.33E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-09
4054	462501.63	3773329.95	3.53E-08	0.00E+00	0.00E+00	0.00E+00	3.53E-08	5.40E-09	0.00E+00	0.00E+00	0.00E+00	5.40E-09	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09
4055	462498	3773321.35	3.51E-08	0.00E+00	0.00E+00	0.00E+00	3.51E-08	5.37E-09	0.00E+00	0.00E+00	0.00E+00	5.37E-09	2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09
4056	462494.37	3773312.74	3.49E-08	0.00E+00	0.00E+00	0.00E+00	3.49E-08	5.34E-09	0.00E+00	0.00E+00	0.00E+00	5.34E-09	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09
4057	462490.73	3773304.14	3.47E-08	0.00E+00	0.00E+00	0.00E+00	3.47E-08	5.31E-09	0.00E+00	0.00E+00	0.00E+00	5.31E-09	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09
4058	462487.1	3773295.53	3.44E-08	0.00E+00	0.00E+00	0.00E+00	3.44E-08	5.27E-09	0.00E+00	0.00E+00	0.00E+00	5.27E-09	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09
4059	462483.46	3773286.93	3.41E-08	0.00E+00	0.00E+00	0.00E+00	3.41E-08	5.22E-09	0.00E+00	0.00E+00	0.00E+00	5.22E-09	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09
4060	462479.83	3773278.32	3.37E-08	0.00E+00	0.00E+00	0.00E+00	3.37E-08	5.17E-09	0.00E+00	0.00E+00	0.00E+00	5.17E-09	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09
4061	462917.47	3773727.8	5.99E-08	0.00E+00	0.00E+00	0.00E+00	5.99E-08	9.17E-09	0.00E+00	0.00E+00	0.00E+00	9.17E-09	3.93E-09	0.00E+00	0.00E+00	0.00E+00	3.93E-09
4062	462908.85	3773724.25	5.89E-08	0.00E+00	0.00E+00	0.00E+00	5.89E-08	9.01E-09	0.00E+00	0.00E+00	0.00E+00	9.01E-09	3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09
4063	462900.22	3773720.7	5.79E-08	0.00E+00	0.00E+00	0.00E+00	5.79E-08	8.86E-09	0.00E+00	0.00E+00	0.00E+00	8.86E-09	3.80E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-09
4064	462891.59	3773717.15	5.69E-08	0.00E+00	0.00E+00	0.00E+00	5.69E-08	8.71E-09	0.00E+00	0.00E+00	0.00E+00	8.71E-09	3.73E-09	0.00E+00	0.00E+00	0.00E+00	3.73E-09
4065	462882.97	3773713.6	5.59E-08	0.00E+00	0.00E+00	0.00E+00	5.59E-08	8.56E-09	0.00E+00	0.00E+00	0.00E+00	8.56E-09	3.67E-09	0.00E+00	0.00E+00	0.00E+00	3.67E-09
4066	462874.34	3773710.05	5.49E-08	0.00E+00	0.00E+00	0.00E+00	5.49E-08	8.41E-09	0.00E+00	0.00E+00	0.00E+00	8.41E-09	3.61E-09	0.00E+00	0.00E+00	0.00E+00	3.61E-09
4067	462865.72	3773706.5	5.40E-08	0.00E+00	0.00E+00	0.00E+00	5.40E-08	8.26E-09	0.00E+00	0.00E+00	0.00E+00	8.26E-09	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09
4068	462857.09	3773702.95	5.30E-08	0.00E+00	0.00E+00	0.00E+00	5.30E-08	8.11E-09	0.00E+00	0.00E+00	0.00E+00	8.11E-09	3.48E-09	0.00E+00	0.00E+00	0.00E+00	3.48E-09
4069	462848.46	3773699.4	5.20E-08	0.00E+00	0.00E+00	0.00E+00	5.20E-08	7.96E-09	0.00E+00	0.00E+00	0.00E+00	7.96E-09	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09
4070	462839.84	3773695.85	5.11E-08	0.00E+00	0.00E+00	0.00E+00	5.11E-08	7.82E-09	0.00E+00	0.00E+00	0.00E+00	7.82E-09	3.35E-09	0.00E+00	0.00E+00	0.00E+00	3.35E-09
4071	462831.21	3773692.3	5.01E-08	0.00E+00	0.00E+00	0.00E+00	5.01E-08	7.67E-09	0.00E+00	0.00E+00	0.00E+00	7.67E-09	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09
4072	462822.58	3773688.75	4.92E-08	0.00E+00	0.00E+00	0.00E+00	4.92E-08	7.53E-09	0.00E+00	0.00E+00	0.00E+00	7.53E-09	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09
4073	462813.96	3773685.2	4.83E-08	0.00E+00	0.00E+00	0.00E+00	4.83E-08	7.39E-09	0.00E+00	0.00E+00	0.00E+00	7.39E-09	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09
4074	462805.33	3773681.65	4.73E-08	0.00E+00	0.00E+00	0.00E+00	4.73E-08	7.25E-09	0.00E+00	0.00E+00	0.00E+00	7.25E-09	3.11E-09	0.00E+00	0.00E+00	0.00E+00	3.11E-09
4075	462796.71	3773678.1	4.64E-08	0.00E+00	0.00E+00	0.00E+00	4.64E-08	7.10E-09	0.00E+00	0.00E+00	0.00E+00	7.10E-09	3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.05E-09
4076	462788.08	3773674.55	4.55E-08	0.00E+00	0.00E+00	0.00E+00	4.55E-08	6.96E-09	0.00E+00	0.00E+00	0.00E+00	6.96E-09	2.99E-09	0.00E+00	0.00E+00	0.00E+00	2.99E-09
4077	462779.45	3773671	4.46E-08	0.00E+00	0.00E+00	0.00E+00	4.46E-08	6.82E-09	0.00E+00	0.00E+00	0.00E+00	6.82E-09	2.93E-09	0.00E+00	0.00E+00	0.00E+00	2.93E-09
4078	462770.83	3773667.45	4.37E-08	0.00E+00	0.00E+00	0.00E+00	4.37E-08	6.69E-09	0.00E+00	0.00E+00	0.00E+00	6.69E-09	2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09
4079	462762.2	3773663.9	4.28E-08	0.00E+00	0.00E+00	0.00E+00	4.28E-08	6.55E-09	0.00E+00	0.00E+00	0.00E+00	6.55E-09	2.81E-09	0.00E+00	0.00E+00	0.00E+00	2.81E-09
4080	462753.58	3773660.35	4.19E-08	0.00E+00	0.00E+00	0.00E+00	4.19E-08	6.41E-09	0.00E+00	0.00E+00	0.00E+00	6.41E-09	2.75E-09	0.00E+00	0.00E+00	0.00E+00	2.75E-09
4081	462744.95	3773656.8	4.10E-08	0.00E+00	0.00E+00	0.00E+00	4.10E-08	6.28E-09	0.00E+00	0.00E+00	0.00E+00	6.28E-09	2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09
4082	462736.32	3773653.25	4.02E-08	0.00E+00	0.00E+00	0.00E+00	4.02E-08	6.15E-09	0.00E+00	0.00E+00	0.00E+00	6.15E-09	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09
4083	462727.7	3773649.7	3.93E-08	0.00E+00	0.00E+00	0.00E+00	3.93E-08	6.02E-09	0.00E+00	0.00E+00	0.00E+00	6.02E-09	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09
4084	462719.07	3773646.15	3.85E-08	0.00E+00	0.00E+00	0.00E+00	3.85E-08	5.89E-09	0.00E+00	0.00E+00	0.00E+00	5.89E-09	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09
4085	462710.45	3773642.6	3.77E-08	0.00E+00	0.00E+00	0.00E+00	3.77E-08	5.77E-09	0.00E+00	0.00E+00	0.00E+00	5.77E-09	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09
4086	462701.82	3773639.05	3.69E-08	0.00E+00	0.00E+00	0.00E+00	3.69E-08	5.65E-09	0.00E+00	0.00E+00	0.00E+00	5.65E-09	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09
4087	462693.19	3773635.5	3.61E-08	0.00E+00	0.00E+00	0.00E+00	3.61E-08	5.52E-09	0.00E+00	0.00E+00	0.00E+00	5.52E-09	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09
4088	462684.57	3773631.95	3.53E-08	0.00E+00	0.00E+00	0.00E+00	3.53E-08	5.41E-09	0.00E+00	0.00E+00	0.00E+00	5.41E-09	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09
4089	462675.94	3773628.4	3.46E-08	0.00E+00	0.00E+00	0.00E+00	3.46E-08	5.29E-09	0.00E+00	0.00E+00	0.00E+00	5.29E-09	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09
4090	462667.31	3773624.85	3.38E-08	0.00E+00	0.00E+00	0.00E+00	3.38E-08	5.18E-09	0.00E+00	0.00E+00	0.00E+00	5.18E-09	2.22E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-09
4091	462658.69	3773621.3	3.31E-08	0.00E+00	0.00E+00	0.00E+00	3.31E-08	5.06E-09	0.00E+00	0.00E+00	0.00E+00	5.06E-09	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09
4092	462650.06	3773617.75	3.23E-08	0.00E+00	0.00E+00	0.00E+00	3.23E-08	4.95E-09	0.00E+00	0.00E+00	0.00E+00	4.95E-09	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09
4093	462641.44	3773614.2	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	4.84E-09	0.00E+00	0.00E+00	0.00E+00	4.84E-09	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09
4094	462632.81	3773610.65	3.10E-08	0.00E+00	0.00E+00	0.00E+00	3.10E-08	4.74E-09	0.00E+00	0.00E+00	0.00E+00	4.74E-09	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09
4095	462606.93	3773600	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08	4.44E-09	0.00E+00	0.00E+00	0.00E+00	4.44E-09	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09
4096	462598.31	3773596.45	2.84E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-08	4.35E-09	0.00E+00	0.00E+00	0.00E+00	4.35E-09	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09
4097	462589.68	3773592.9	2.79E-08	0.00E+00	0.00E+00	0.00E+00	2.79E-08	4.27E-09	0.00E+00	0.00E+00	0.00E+00	4.27E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
4098	462580.45	3773587.92	2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08	4.19E-09	0.00E+00	0.00E+00	0.00E+00	4.19E-09	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09
4099	462576.82	3773579.32	2.76E-08	0.00E+00	0.00E+00	0.00E+00	2.76E-08	4.22E-09	0.00E+00	0.00E+00	0.00E+00	4.22E-09	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09
4100	462573.19	3773570.73	2.78E-08	0.00E+00	0.00E+00	0.00E+00	2.78E-08	4.26E-09	0.00E+00	0.00E+00	0.00E+00	4.26E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09

4101	462569.56	3773562.14	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08	4.29E-09	0.00E+00	0.00E+00	0.00E+00	4.29E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
4102	462565.93	3773553.54	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09
4103	462562.31	3773544.95	2.85E-08	0.00E+00	0.00E+00	0.00E+00	2.85E-08	4.36E-09	0.00E+00	0.00E+00	0.00E+00	4.36E-09	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09
4104	462551.42	3773519.17	2.91E-08	0.00E+00	0.00E+00	0.00E+00	2.91E-08	4.45E-09	0.00E+00	0.00E+00	0.00E+00	4.45E-09	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09
4105	462547.79	3773510.58	2.93E-08	0.00E+00	0.00E+00	0.00E+00	2.93E-08	4.48E-09	0.00E+00	0.00E+00	0.00E+00	4.48E-09	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09
4106	462544.16	3773501.98	2.95E-08	0.00E+00	0.00E+00	0.00E+00	2.95E-08	4.52E-09	0.00E+00	0.00E+00	0.00E+00	4.52E-09	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09
4107	462540.53	3773493.39	2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08	4.56E-09	0.00E+00	0.00E+00	0.00E+00	4.56E-09	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09
4108	462526.02	3773459.02	3.07E-08	0.00E+00	0.00E+00	0.00E+00	3.07E-08	4.70E-09	0.00E+00	0.00E+00	0.00E+00	4.70E-09	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09
4109	462522.39	3773450.42	3.08E-08	0.00E+00	0.00E+00	0.00E+00	3.08E-08	4.72E-09	0.00E+00	0.00E+00	0.00E+00	4.72E-09	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09
4110	462518.76	3773441.83	3.10E-08	0.00E+00	0.00E+00	0.00E+00	3.10E-08	4.75E-09	0.00E+00	0.00E+00	0.00E+00	4.75E-09	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09
4111	462515.13	3773433.24	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08	4.78E-09	0.00E+00	0.00E+00	0.00E+00	4.78E-09	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09
4112	462511.5	3773424.64	3.14E-08	0.00E+00	0.00E+00	0.00E+00	3.14E-08	4.80E-09	0.00E+00	0.00E+00	0.00E+00	4.80E-09	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09
4113	462507.88	3773416.05	3.15E-08	0.00E+00	0.00E+00	0.00E+00	3.15E-08	4.83E-09	0.00E+00	0.00E+00	0.00E+00	4.83E-09	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09
4114	462504.25	3773407.46	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	4.84E-09	0.00E+00	0.00E+00	0.00E+00	4.84E-09	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09
4115	462500.62	3773398.86	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	4.84E-09	0.00E+00	0.00E+00	0.00E+00	4.84E-09	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09
4116	462496.99	3773390.27	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	4.84E-09	0.00E+00	0.00E+00	0.00E+00	4.84E-09	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09
4117	462493.36	3773381.68	3.17E-08	0.00E+00	0.00E+00	0.00E+00	3.17E-08	4.85E-09	0.00E+00	0.00E+00	0.00E+00	4.85E-09	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09
4118	462489.73	3773373.08	3.17E-08	0.00E+00	0.00E+00	0.00E+00	3.17E-08	4.85E-09	0.00E+00	0.00E+00	0.00E+00	4.85E-09	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09
4119	462486.1	3773364.49	3.17E-08	0.00E+00	0.00E+00	0.00E+00	3.17E-08	4.85E-09	0.00E+00	0.00E+00	0.00E+00	4.85E-09	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09
4120	462482.47	3773355.9	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	4.84E-09	0.00E+00	0.00E+00	0.00E+00	4.84E-09	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09
4121	462478.85	3773347.3	3.15E-08	0.00E+00	0.00E+00	0.00E+00	3.15E-08	4.82E-09	0.00E+00	0.00E+00	0.00E+00	4.82E-09	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09
4122	462475.22	3773338.71	3.13E-08	0.00E+00	0.00E+00	0.00E+00	3.13E-08	4.80E-09	0.00E+00	0.00E+00	0.00E+00	4.80E-09	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09
4123	462471.59	3773330.12	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08	4.77E-09	0.00E+00	0.00E+00	0.00E+00	4.77E-09	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09
4124	462467.96	3773321.52	3.09E-08	0.00E+00	0.00E+00	0.00E+00	3.09E-08	4.74E-09	0.00E+00	0.00E+00	0.00E+00	4.74E-09	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09
4125	462464.33	3773312.93	3.07E-08	0.00E+00	0.00E+00	0.00E+00	3.07E-08	4.70E-09	0.00E+00	0.00E+00	0.00E+00	4.70E-09	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09
4126	462460.7	3773304.34	3.05E-08	0.00E+00	0.00E+00	0.00E+00	3.05E-08	4.66E-09	0.00E+00	0.00E+00	0.00E+00	4.66E-09	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09
4127	462457.07	3773295.74	3.02E-08	0.00E+00	0.00E+00	0.00E+00	3.02E-08	4.62E-09	0.00E+00	0.00E+00	0.00E+00	4.62E-09	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09
4128	462453.44	3773287.15	3.00E-08	0.00E+00	0.00E+00	0.00E+00	3.00E-08	4.59E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-09	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09
4129	462449.82	3773278.56	2.97E-08	0.00E+00	0.00E+00	0.00E+00	2.97E-08	4.55E-09	0.00E+00	0.00E+00	0.00E+00	4.55E-09	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09
4130	462917.47	3773757.8	5.34E-08	0.00E+00	0.00E+00	0.00E+00	5.34E-08	8.17E-09	0.00E+00	0.00E+00	0.00E+00	8.17E-09	3.50E-09	0.00E+00	0.00E+00	0.00E+00	3.50E-09
4131	462908.82	3773754.24	5.26E-08	0.00E+00	0.00E+00	0.00E+00	5.26E-08	8.05E-09	0.00E+00	0.00E+00	0.00E+00	8.05E-09	3.45E-09	0.00E+00	0.00E+00	0.00E+00	3.45E-09
4132	462900.17	3773750.68	5.18E-08	0.00E+00	0.00E+00	0.00E+00	5.18E-08	7.92E-09	0.00E+00	0.00E+00	0.00E+00	7.92E-09	3.40E-09	0.00E+00	0.00E+00	0.00E+00	3.40E-09
4133	462891.52	3773747.12	5.10E-08	0.00E+00	0.00E+00	0.00E+00	5.10E-08	7.80E-09	0.00E+00	0.00E+00	0.00E+00	7.80E-09	3.34E-09	0.00E+00	0.00E+00	0.00E+00	3.34E-09
4134	462882.87	3773743.56	5.01E-08	0.00E+00	0.00E+00	0.00E+00	5.01E-08	7.68E-09	0.00E+00	0.00E+00	0.00E+00	7.68E-09	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09
4135	462874.22	3773740	4.93E-08	0.00E+00	0.00E+00	0.00E+00	4.93E-08	7.54E-09	0.00E+00	0.00E+00	0.00E+00	7.54E-09	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09
4136	462865.57	3773736.44	4.84E-08	0.00E+00	0.00E+00	0.00E+00	4.84E-08	7.41E-09	0.00E+00	0.00E+00	0.00E+00	7.41E-09	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.18E-09
4137	462856.92	3773732.88	4.76E-08	0.00E+00	0.00E+00	0.00E+00	4.76E-08	7.28E-09	0.00E+00	0.00E+00	0.00E+00	7.28E-09	3.12E-09	0.00E+00	0.00E+00	0.00E+00	3.12E-09
4138	462848.27	3773729.32	4.68E-08	0.00E+00	0.00E+00	0.00E+00	4.68E-08	7.16E-09	0.00E+00	0.00E+00	0.00E+00	7.16E-09	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09
4139	462839.62	3773725.76	4.60E-08	0.00E+00	0.00E+00	0.00E+00	4.60E-08	7.04E-09	0.00E+00	0.00E+00	0.00E+00	7.04E-09	3.02E-09	0.00E+00	0.00E+00	0.00E+00	3.02E-09
4140	462830.97	3773722.2	4.52E-08	0.00E+00	0.00E+00	0.00E+00	4.52E-08	6.92E-09	0.00E+00	0.00E+00	0.00E+00	6.92E-09	2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09
4141	462822.32	3773718.64	4.45E-08	0.00E+00	0.00E+00	0.00E+00	4.45E-08	6.81E-09	0.00E+00	0.00E+00	0.00E+00	6.81E-09	2.92E-09	0.00E+00	0.00E+00	0.00E+00	2.92E-09
4142	462813.67	3773715.08	4.37E-08	0.00E+00	0.00E+00	0.00E+00	4.37E-08	6.69E-09	0.00E+00	0.00E+00	0.00E+00	6.69E-09	2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09
4143	462805.02	3773711.52	4.29E-08	0.00E+00	0.00E+00	0.00E+00	4.29E-08	6.57E-09	0.00E+00	0.00E+00	0.00E+00	6.57E-09	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09
4144	462796.37	3773707.96	4.21E-08	0.00E+00	0.00E+00	0.00E+00	4.21E-08	6.45E-09	0.00E+00	0.00E+00	0.00E+00	6.45E-09	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09
4145	462787.72	3773704.4	4.14E-08	0.00E+00	0.00E+00	0.00E+00	4.14E-08	6.33E-09	0.00E+00	0.00E+00	0.00E+00	6.33E-09	2.71E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-09
4146	462779.07	3773700.84	4.06E-08	0.00E+00	0.00E+00	0.00E+00	4.06E-08	6.21E-09	0.00E+00	0.00E+00	0.00E+00	6.21E-09	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09
4147	462770.42	3773697.28	3.98E-08	0.00E+00	0.00E+00	0.00E+00	3.98E-08	6.09E-09	0.00E+00	0.00E+00	0.00E+00	6.09E-09	2.61E-09	0.00E+00	0.00E+00	0.00E+00	2.61E-09
4148	462761.77	3773693.72	3.90E-08	0.00E+00	0.00E+00	0.00E+00	3.90E-08	5.98E-09	0.00E+00	0.00E+00	0.00E+00	5.98E-09	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09
4149	462753.12	3773690.16	3.83E-08	0.00E+00	0.00E+00	0.00E+00	3.83E-08	5.86E-09	0.00E+00	0.00E+00	0.00E+00	5.86E-09	2.51E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-09
4150	462744.47	3773686.6	3.76E-08	0.00E+00	0.00E+00	0.00E+00	3.76E-08	5.75E-09	0.00E+00	0.00E+00	0.00E+00	5.75E-09	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09
4151	462735.82	3773683.04	3.69E-08	0.00E+00	0.00E+00	0.00E+00	3.69E-08	5.64E-09	0.00E+00	0.00E+00	0.00E+00	5.64E-09	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09
4152	462727.17	3773679.48	3.61E-08	0.00E+00	0.00E+00	0.00E+00	3.61E-08	5.53E-09	0.00E+00	0.00E+00	0.00E+00	5.53E-09	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09
4153	462718.52	3773675.92	3.54E-08	0.00E+00	0.00E+00	0.00E+00	3.54E-08	5.42E-09	0.00E+00	0.00E+00	0.00E+00	5.42E-09	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09
4154	462709.87	3773672.36	3.47E-08	0.00E+00	0.00E+00	0.00E+00	3.47E-08	5.31E-09	0.00E+00	0.00E+00	0.00E+00	5.31E-09	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09
4155	462701.22	3773668.8	3.40E-08	0.00E+00	0.00E+00	0.00E+00	3.40E-08	5.20E-09	0.00E+00	0.00E+00	0.00E+00	5.20E-09	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09
4156	462692.57	3773665.24	3.33E-08	0.00E+00	0.00E+00	0.00E+00	3.33E-08	5.09E-09	0.00E+00	0.00E+00	0.00E+00	5.09E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
4157	462683.92	3773661.68	3.26E-08	0.00E+00	0.00E+00	0.00E+00	3.26E-08	4.99E-09	0.00E+00	0.00E+00	0.00E+00	4.99E-09	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09

4158	462675.27	3773658.12	3.19E-08	0.00E+00	0.00E+00	0.00E+00	3.19E-08	4.88E-09	0.00E+00	0.00E+00	0.00E+00	4.88E-09	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09
4159	462666.62	3773654.56	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08	4.78E-09	0.00E+00	0.00E+00	0.00E+00	4.78E-09	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09
4160	462657.97	3773651	3.06E-08	0.00E+00	0.00E+00	0.00E+00	3.06E-08	4.69E-09	0.00E+00	0.00E+00	0.00E+00	4.69E-09	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09
4161	462649.32	3773647.44	3.00E-08	0.00E+00	0.00E+00	0.00E+00	3.00E-08	4.59E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-09	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09
4162	462640.67	3773643.88	2.94E-08	0.00E+00	0.00E+00	0.00E+00	2.94E-08	4.50E-09	0.00E+00	0.00E+00	0.00E+00	4.50E-09	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09
4163	462632.02	3773640.32	2.88E-08	0.00E+00	0.00E+00	0.00E+00	2.88E-08	4.41E-09	0.00E+00	0.00E+00	0.00E+00	4.41E-09	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09
4164	462606.07	3773629.64	2.71E-08	0.00E+00	0.00E+00	0.00E+00	2.71E-08	4.15E-09	0.00E+00	0.00E+00	0.00E+00	4.15E-09	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09
4165	462597.42	3773626.08	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	4.07E-09	0.00E+00	0.00E+00	0.00E+00	4.07E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
4166	462588.77	3773622.52	2.61E-08	0.00E+00	0.00E+00	0.00E+00	2.61E-08	3.99E-09	0.00E+00	0.00E+00	0.00E+00	3.99E-09	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09
4167	462580.12	3773618.97	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	3.92E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-09	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09
4168	462571.47	3773615.41	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	3.84E-09	0.00E+00	0.00E+00	0.00E+00	3.84E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
4169	462562.82	3773611.85	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	3.77E-09	0.00E+00	0.00E+00	0.00E+00	3.77E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
4170	462556.91	3773603.48	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
4171	462553.27	3773594.86	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	3.79E-09	0.00E+00	0.00E+00	0.00E+00	3.79E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09
4172	462549.63	3773586.24	2.49E-08	0.00E+00	0.00E+00	0.00E+00	2.49E-08	3.82E-09	0.00E+00	0.00E+00	0.00E+00	3.82E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
4173	462545.99	3773577.63	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	3.85E-09	0.00E+00	0.00E+00	0.00E+00	3.85E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
4174	462542.35	3773569.01	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
4175	462538.71	3773560.39	2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08	3.90E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
4176	462520.52	3773517.31	2.64E-08	0.00E+00	0.00E+00	0.00E+00	2.64E-08	4.04E-09	0.00E+00	0.00E+00	0.00E+00	4.04E-09	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09
4177	462516.88	3773508.69	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	4.07E-09	0.00E+00	0.00E+00	0.00E+00	4.07E-09	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09
4178	462513.24	3773500.07	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08	4.10E-09	0.00E+00	0.00E+00	0.00E+00	4.10E-09	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09
4179	462509.6	3773491.46	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	4.13E-09	0.00E+00	0.00E+00	0.00E+00	4.13E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09
4180	462495.05	3773456.99	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08	4.24E-09	0.00E+00	0.00E+00	0.00E+00	4.24E-09	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09
4181	462491.41	3773448.37	2.78E-08	0.00E+00	0.00E+00	0.00E+00	2.78E-08	4.26E-09	0.00E+00	0.00E+00	0.00E+00	4.26E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
4182	462487.77	3773439.75	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	4.28E-09	0.00E+00	0.00E+00	0.00E+00	4.28E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
4183	462484.13	3773431.14	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08	4.30E-09	0.00E+00	0.00E+00	0.00E+00	4.30E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
4184	462480.49	3773422.52	2.82E-08	0.00E+00	0.00E+00	0.00E+00	2.82E-08	4.32E-09	0.00E+00	0.00E+00	0.00E+00	4.32E-09	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09
4185	462476.85	3773413.9	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
4186	462473.22	3773405.29	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
4187	462469.58	3773396.67	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
4188	462465.94	3773388.05	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
4189	462462.3	3773379.44	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
4190	462458.66	3773370.82	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
4191	462455.02	3773362.2	2.82E-08	0.00E+00	0.00E+00	0.00E+00	2.82E-08	4.32E-09	0.00E+00	0.00E+00	0.00E+00	4.32E-09	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09
4192	462451.38	3773353.58	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08	4.30E-09	0.00E+00	0.00E+00	0.00E+00	4.30E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
4193	462447.74	3773344.97	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	4.28E-09	0.00E+00	0.00E+00	0.00E+00	4.28E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
4194	462444.11	3773336.35	2.78E-08	0.00E+00	0.00E+00	0.00E+00	2.78E-08	4.26E-09	0.00E+00	0.00E+00	0.00E+00	4.26E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
4195	462440.47	3773327.73	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08	4.24E-09	0.00E+00	0.00E+00	0.00E+00	4.24E-09	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09
4196	462436.83	3773319.12	2.75E-08	0.00E+00	0.00E+00	0.00E+00	2.75E-08	4.21E-09	0.00E+00	0.00E+00	0.00E+00	4.21E-09	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09
4197	462433.19	3773310.5	2.73E-08	0.00E+00	0.00E+00	0.00E+00	2.73E-08	4.17E-09	0.00E+00	0.00E+00	0.00E+00	4.17E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09
4198	462429.55	3773301.88	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	4.14E-09	0.00E+00	0.00E+00	0.00E+00	4.14E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09
4199	462425.91	3773293.26	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08	4.11E-09	0.00E+00	0.00E+00	0.00E+00	4.11E-09	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09
4200	462422.27	3773284.65	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	4.08E-09	0.00E+00	0.00E+00	0.00E+00	4.08E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
4201	462418.63	3773276.03	2.64E-08	0.00E+00	0.00E+00	0.00E+00	2.64E-08	4.04E-09	0.00E+00	0.00E+00	0.00E+00	4.04E-09	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09
4202	462917.47	3773787.8	4.78E-08	0.00E+00	0.00E+00	0.00E+00	4.78E-08	7.32E-09	0.00E+00	0.00E+00	0.00E+00	7.32E-09	3.14E-09	0.00E+00	0.00E+00	0.00E+00	3.14E-09
4203	462908.83	3773784.24	4.71E-08	0.00E+00	0.00E+00	0.00E+00	4.71E-08	7.21E-09	0.00E+00	0.00E+00	0.00E+00	7.21E-09	3.09E-09	0.00E+00	0.00E+00	0.00E+00	3.09E-09
4204	462900.19	3773780.69	4.64E-08	0.00E+00	0.00E+00	0.00E+00	4.64E-08	7.10E-09	0.00E+00	0.00E+00	0.00E+00	7.10E-09	3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.05E-09
4205	462891.56	3773777.13	4.57E-08	0.00E+00	0.00E+00	0.00E+00	4.57E-08	7.00E-09	0.00E+00	0.00E+00	0.00E+00	7.00E-09	3.00E-09	0.00E+00	0.00E+00	0.00E+00	3.00E-09
4206	462882.92	3773773.58	4.50E-08	0.00E+00	0.00E+00	0.00E+00	4.50E-08	6.89E-09	0.00E+00	0.00E+00	0.00E+00	6.89E-09	2.96E-09	0.00E+00	0.00E+00	0.00E+00	2.96E-09
4207	462874.28	3773770.02	4.44E-08	0.00E+00	0.00E+00	0.00E+00	4.44E-08	6.79E-09	0.00E+00	0.00E+00	0.00E+00	6.79E-09	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09
4208	462865.64	3773766.47	4.37E-08	0.00E+00	0.00E+00	0.00E+00	4.37E-08	6.68E-09	0.00E+00	0.00E+00	0.00E+00	6.68E-09	2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09
4209	462857	3773762.91	4.30E-08	0.00E+00	0.00E+00	0.00E+00	4.30E-08	6.58E-09	0.00E+00	0.00E+00	0.00E+00	6.58E-09	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09
4210	462848.36	3773759.36	4.23E-08	0.00E+00	0.00E+00	0.00E+00	4.23E-08	6.47E-09	0.00E+00	0.00E+00	0.00E+00	6.47E-09	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09
4211	462839.72	3773755.8	4.16E-08	0.00E+00	0.00E+00	0.00E+00	4.16E-08	6.37E-09	0.00E+00	0.00E+00	0.00E+00	6.37E-09	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09
4212	462831.09	3773752.25	4.09E-08	0.00E+00	0.00E+00	0.00E+00	4.09E-08	6.26E-09	0.00E+00	0.00E+00	0.00E+00	6.26E-09	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09
4213	462822.45	3773748.69	4.02E-08	0.00E+00	0.00E+00	0.00E+00	4.02E-08	6.16E-09	0.00E+00	0.00E+00	0.00E+00	6.16E-09	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09
4214	462813.81	3773745.14	3.96E-08	0.00E+00	0.00E+00	0.00E+00	3.96E-08	6.06E-09	0.00E+00	0.00E+00	0.00E+00	6.06E-09	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09

4215	462805.17	3773741.58	3.90E-08	0.00E+00	0.00E+00	0.00E+00	3.90E-08	5.96E-09	0.00E+00	0.00E+00	0.00E+00	5.96E-09	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09
4216	462796.53	3773738.03	3.83E-08	0.00E+00	0.00E+00	0.00E+00	3.83E-08	5.87E-09	0.00E+00	0.00E+00	0.00E+00	5.87E-09	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09
4217	462787.89	3773734.47	3.77E-08	0.00E+00	0.00E+00	0.00E+00	3.77E-08	5.77E-09	0.00E+00	0.00E+00	0.00E+00	5.77E-09	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09
4218	462779.26	3773730.92	3.71E-08	0.00E+00	0.00E+00	0.00E+00	3.71E-08	5.67E-09	0.00E+00	0.00E+00	0.00E+00	5.67E-09	2.43E-09	0.00E+00	0.00E+00	0.00E+00	2.43E-09
4219	462770.62	3773727.36	3.64E-08	0.00E+00	0.00E+00	0.00E+00	3.64E-08	5.57E-09	0.00E+00	0.00E+00	0.00E+00	5.57E-09	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09
4220	462761.98	3773723.81	3.57E-08	0.00E+00	0.00E+00	0.00E+00	3.57E-08	5.47E-09	0.00E+00	0.00E+00	0.00E+00	5.47E-09	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09
4221	462753.34	3773720.25	3.51E-08	0.00E+00	0.00E+00	0.00E+00	3.51E-08	5.37E-09	0.00E+00	0.00E+00	0.00E+00	5.37E-09	2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09
4222	462744.7	3773716.7	3.44E-08	0.00E+00	0.00E+00	0.00E+00	3.44E-08	5.27E-09	0.00E+00	0.00E+00	0.00E+00	5.27E-09	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09
4223	462736.06	3773713.14	3.38E-08	0.00E+00	0.00E+00	0.00E+00	3.38E-08	5.18E-09	0.00E+00	0.00E+00	0.00E+00	5.18E-09	2.22E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-09
4224	462727.43	3773709.59	3.32E-08	0.00E+00	0.00E+00	0.00E+00	3.32E-08	5.09E-09	0.00E+00	0.00E+00	0.00E+00	5.09E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
4225	462718.79	3773706.03	3.26E-08	0.00E+00	0.00E+00	0.00E+00	3.26E-08	5.00E-09	0.00E+00	0.00E+00	0.00E+00	5.00E-09	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09
4226	462710.15	3773702.48	3.21E-08	0.00E+00	0.00E+00	0.00E+00	3.21E-08	4.91E-09	0.00E+00	0.00E+00	0.00E+00	4.91E-09	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09
4227	462701.51	3773698.92	3.15E-08	0.00E+00	0.00E+00	0.00E+00	3.15E-08	4.82E-09	0.00E+00	0.00E+00	0.00E+00	4.82E-09	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09
4228	462692.87	3773695.37	3.09E-08	0.00E+00	0.00E+00	0.00E+00	3.09E-08	4.73E-09	0.00E+00	0.00E+00	0.00E+00	4.73E-09	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09
4229	462684.23	3773691.81	3.03E-08	0.00E+00	0.00E+00	0.00E+00	3.03E-08	4.64E-09	0.00E+00	0.00E+00	0.00E+00	4.64E-09	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09
4230	462675.6	3773688.26	2.97E-08	0.00E+00	0.00E+00	0.00E+00	2.97E-08	4.55E-09	0.00E+00	0.00E+00	0.00E+00	4.55E-09	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09
4231	462666.96	3773684.7	2.92E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-08	4.46E-09	0.00E+00	0.00E+00	0.00E+00	4.46E-09	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09
4232	462658.32	3773681.15	2.86E-08	0.00E+00	0.00E+00	0.00E+00	2.86E-08	4.38E-09	0.00E+00	0.00E+00	0.00E+00	4.38E-09	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09
4233	462649.68	3773677.59	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	4.29E-09	0.00E+00	0.00E+00	0.00E+00	4.29E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
4234	462641.04	3773674.04	2.75E-08	0.00E+00	0.00E+00	0.00E+00	2.75E-08	4.21E-09	0.00E+00	0.00E+00	0.00E+00	4.21E-09	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09
4235	462632.4	3773670.48	2.69E-08	0.00E+00	0.00E+00	0.00E+00	2.69E-08	4.13E-09	0.00E+00	0.00E+00	0.00E+00	4.13E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09
4236	462606.49	3773659.82	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
4237	462597.85	3773656.26	2.49E-08	0.00E+00	0.00E+00	0.00E+00	2.49E-08	3.81E-09	0.00E+00	0.00E+00	0.00E+00	3.81E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
4238	462589.21	3773652.71	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	3.74E-09	0.00E+00	0.00E+00	0.00E+00	3.74E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
4239	462580.57	3773649.15	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	3.68E-09	0.00E+00	0.00E+00	0.00E+00	3.68E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
4240	462571.94	3773645.6	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.61E-09	0.00E+00	0.00E+00	0.00E+00	3.61E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
4241	462563.3	3773642.04	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	3.55E-09	0.00E+00	0.00E+00	0.00E+00	3.55E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
4242	462554.66	3773638.49	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08	3.48E-09	0.00E+00	0.00E+00	0.00E+00	3.48E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
4243	462546.02	3773634.93	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08	3.42E-09	0.00E+00	0.00E+00	0.00E+00	3.42E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09
4244	462538.22	3773630.53	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	3.38E-09	0.00E+00	0.00E+00	0.00E+00	3.38E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09
4245	462520.05	3773587.51	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08	3.48E-09	0.00E+00	0.00E+00	0.00E+00	3.48E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
4246	462516.41	3773578.9	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08	3.51E-09	0.00E+00	0.00E+00	0.00E+00	3.51E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
4247	462512.78	3773570.3	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.53E-09	0.00E+00	0.00E+00	0.00E+00	3.53E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
4248	462509.15	3773561.69	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	3.55E-09	0.00E+00	0.00E+00	0.00E+00	3.55E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
4249	462505.51	3773553.08	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08	3.58E-09	0.00E+00	0.00E+00	0.00E+00	3.58E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
4250	462501.88	3773544.48	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.61E-09	0.00E+00	0.00E+00	0.00E+00	3.61E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
4251	462490.98	3773518.66	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	3.68E-09	0.00E+00	0.00E+00	0.00E+00	3.68E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
4252	462487.34	3773510.06	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	3.70E-09	0.00E+00	0.00E+00	0.00E+00	3.70E-09	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09
4253	462483.71	3773501.45	2.44E-08	0.00E+00	0.00E+00	0.00E+00	2.44E-08	3.73E-09	0.00E+00	0.00E+00	0.00E+00	3.73E-09	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09
4254	462480.07	3773492.85	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
4255	462465.54	3773458.42	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	3.84E-09	0.00E+00	0.00E+00	0.00E+00	3.84E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
4256	462461.91	3773449.82	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	3.85E-09	0.00E+00	0.00E+00	0.00E+00	3.85E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
4257	462458.27	3773441.21	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.87E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
4258	462454.64	3773432.61	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
4259	462451	3773424	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
4260	462447.37	3773415.4	2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08	3.90E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
4261	462443.74	3773406.79	2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08	3.90E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
4262	462440.1	3773398.19	2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08	3.90E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
4263	462436.47	3773389.58	2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08	3.90E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
4264	462432.83	3773380.97	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
4265	462429.2	3773372.37	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
4266	462425.57	3773363.76	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
4267	462421.93	3773355.16	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	3.85E-09	0.00E+00	0.00E+00	0.00E+00	3.85E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
4268	462418.3	3773346.55	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	3.84E-09	0.00E+00	0.00E+00	0.00E+00	3.84E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
4269	462414.67	3773337.95	2.49E-08	0.00E+00	0.00E+00	0.00E+00	2.49E-08	3.82E-09	0.00E+00	0.00E+00	0.00E+00	3.82E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
4270	462411.03	3773329.34	2.48E-08	0.00E+00	0.00E+00	0.00E+00	2.48E-08	3.80E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-09	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09
4271	462407.4	3773320.74	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	3.78E-09	0.00E+00	0.00E+00	0.00E+00	3.78E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09

4272	462403.76	3773312.13	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	3.75E-09	0.00E+00	0.00E+00	0.00E+00	3.75E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
4273	462400.13	3773303.52	2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08	3.72E-09	0.00E+00	0.00E+00	0.00E+00	3.72E-09	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09
4274	462396.5	3773294.92	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	3.69E-09	0.00E+00	0.00E+00	0.00E+00	3.69E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
4275	462917.47	3773817.8	4.32E-08	0.00E+00	0.00E+00	0.00E+00	4.32E-08	6.62E-09	0.00E+00	0.00E+00	0.00E+00	6.62E-09	2.84E-09	0.00E+00	0.00E+00	0.00E+00	2.84E-09
4276	462908.84	3773814.25	4.26E-08	0.00E+00	0.00E+00	0.00E+00	4.26E-08	6.53E-09	0.00E+00	0.00E+00	0.00E+00	6.53E-09	2.80E-09	0.00E+00	0.00E+00	0.00E+00	2.80E-09
4277	462900.22	3773810.7	4.21E-08	0.00E+00	0.00E+00	0.00E+00	4.21E-08	6.44E-09	0.00E+00	0.00E+00	0.00E+00	6.44E-09	2.76E-09	0.00E+00	0.00E+00	0.00E+00	2.76E-09
4278	462891.59	3773807.15	4.15E-08	0.00E+00	0.00E+00	0.00E+00	4.15E-08	6.35E-09	0.00E+00	0.00E+00	0.00E+00	6.35E-09	2.72E-09	0.00E+00	0.00E+00	0.00E+00	2.72E-09
4279	462882.96	3773803.6	4.09E-08	0.00E+00	0.00E+00	0.00E+00	4.09E-08	6.26E-09	0.00E+00	0.00E+00	0.00E+00	6.26E-09	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09
4280	462874.33	3773800.04	4.03E-08	0.00E+00	0.00E+00	0.00E+00	4.03E-08	6.17E-09	0.00E+00	0.00E+00	0.00E+00	6.17E-09	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09
4281	462865.7	3773796.49	3.97E-08	0.00E+00	0.00E+00	0.00E+00	3.97E-08	6.08E-09	0.00E+00	0.00E+00	0.00E+00	6.08E-09	2.61E-09	0.00E+00	0.00E+00	0.00E+00	2.61E-09
4282	462857.08	3773792.94	3.91E-08	0.00E+00	0.00E+00	0.00E+00	3.91E-08	5.99E-09	0.00E+00	0.00E+00	0.00E+00	5.99E-09	2.57E-09	0.00E+00	0.00E+00	0.00E+00	2.57E-09
4283	462848.45	3773789.39	3.85E-08	0.00E+00	0.00E+00	0.00E+00	3.85E-08	5.90E-09	0.00E+00	0.00E+00	0.00E+00	5.90E-09	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09
4284	462839.82	3773785.84	3.79E-08	0.00E+00	0.00E+00	0.00E+00	3.79E-08	5.81E-09	0.00E+00	0.00E+00	0.00E+00	5.81E-09	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09
4285	462831.19	3773782.29	3.74E-08	0.00E+00	0.00E+00	0.00E+00	3.74E-08	5.72E-09	0.00E+00	0.00E+00	0.00E+00	5.72E-09	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09
4286	462822.56	3773778.74	3.68E-08	0.00E+00	0.00E+00	0.00E+00	3.68E-08	5.63E-09	0.00E+00	0.00E+00	0.00E+00	5.63E-09	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09
4287	462813.94	3773775.19	3.63E-08	0.00E+00	0.00E+00	0.00E+00	3.63E-08	5.55E-09	0.00E+00	0.00E+00	0.00E+00	5.55E-09	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09
4288	462805.31	3773771.64	3.57E-08	0.00E+00	0.00E+00	0.00E+00	3.57E-08	5.46E-09	0.00E+00	0.00E+00	0.00E+00	5.46E-09	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09
4289	462796.68	3773768.09	3.51E-08	0.00E+00	0.00E+00	0.00E+00	3.51E-08	5.38E-09	0.00E+00	0.00E+00	0.00E+00	5.38E-09	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09
4290	462788.05	3773764.54	3.46E-08	0.00E+00	0.00E+00	0.00E+00	3.46E-08	5.29E-09	0.00E+00	0.00E+00	0.00E+00	5.29E-09	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09
4291	462779.42	3773760.99	3.40E-08	0.00E+00	0.00E+00	0.00E+00	3.40E-08	5.21E-09	0.00E+00	0.00E+00	0.00E+00	5.21E-09	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09
4292	462770.8	3773757.43	3.35E-08	0.00E+00	0.00E+00	0.00E+00	3.35E-08	5.13E-09	0.00E+00	0.00E+00	0.00E+00	5.13E-09	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09
4293	462762.17	3773753.88	3.29E-08	0.00E+00	0.00E+00	0.00E+00	3.29E-08	5.04E-09	0.00E+00	0.00E+00	0.00E+00	5.04E-09	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-09
4294	462753.54	3773750.33	3.24E-08	0.00E+00	0.00E+00	0.00E+00	3.24E-08	4.96E-09	0.00E+00	0.00E+00	0.00E+00	4.96E-09	2.13E-09	0.00E+00	0.00E+00	0.00E+00	2.13E-09
4295	462744.91	3773746.78	3.19E-08	0.00E+00	0.00E+00	0.00E+00	3.19E-08	4.88E-09	0.00E+00	0.00E+00	0.00E+00	4.88E-09	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09
4296	462736.28	3773743.23	3.13E-08	0.00E+00	0.00E+00	0.00E+00	3.13E-08	4.79E-09	0.00E+00	0.00E+00	0.00E+00	4.79E-09	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09
4297	462727.65	3773739.68	3.08E-08	0.00E+00	0.00E+00	0.00E+00	3.08E-08	4.71E-09	0.00E+00	0.00E+00	0.00E+00	4.71E-09	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09
4298	462719.03	3773736.13	3.03E-08	0.00E+00	0.00E+00	0.00E+00	3.03E-08	4.63E-09	0.00E+00	0.00E+00	0.00E+00	4.63E-09	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09
4299	462710.4	3773732.58	2.97E-08	0.00E+00	0.00E+00	0.00E+00	2.97E-08	4.55E-09	0.00E+00	0.00E+00	0.00E+00	4.55E-09	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09
4300	462701.77	3773729.03	2.92E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-08	4.47E-09	0.00E+00	0.00E+00	0.00E+00	4.47E-09	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09
4301	462693.14	3773725.48	2.87E-08	0.00E+00	0.00E+00	0.00E+00	2.87E-08	4.39E-09	0.00E+00	0.00E+00	0.00E+00	4.39E-09	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09
4302	462684.51	3773721.93	2.82E-08	0.00E+00	0.00E+00	0.00E+00	2.82E-08	4.31E-09	0.00E+00	0.00E+00	0.00E+00	4.31E-09	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09
4303	462675.89	3773718.38	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08	4.23E-09	0.00E+00	0.00E+00	0.00E+00	4.23E-09	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09
4304	462667.26	3773714.83	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08	4.16E-09	0.00E+00	0.00E+00	0.00E+00	4.16E-09	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09
4305	462658.63	3773711.27	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08	4.09E-09	0.00E+00	0.00E+00	0.00E+00	4.09E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
4306	462650	3773707.72	2.62E-08	0.00E+00	0.00E+00	0.00E+00	2.62E-08	4.01E-09	0.00E+00	0.00E+00	0.00E+00	4.01E-09	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09
4307	462641.37	3773704.17	2.57E-08	0.00E+00	0.00E+00	0.00E+00	2.57E-08	3.94E-09	0.00E+00	0.00E+00	0.00E+00	3.94E-09	1.69E-09	0.00E+00	0.00E+00	0.00E+00	1.69E-09
4308	462632.75	3773700.62	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.87E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
4309	462606.86	3773689.97	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	3.67E-09	0.00E+00	0.00E+00	0.00E+00	3.67E-09	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09
4310	462598.23	3773686.42	2.35E-08	0.00E+00	0.00E+00	0.00E+00	2.35E-08	3.60E-09	0.00E+00	0.00E+00	0.00E+00	3.60E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
4311	462589.61	3773682.87	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.31E-08	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
4312	462580.98	3773679.32	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	3.47E-09	0.00E+00	0.00E+00	0.00E+00	3.47E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
4313	462572.35	3773675.77	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
4314	462563.72	3773672.22	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	3.35E-09	0.00E+00	0.00E+00	0.00E+00	3.35E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09
4315	462555.09	3773668.67	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
4316	462546.47	3773665.11	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
4317	462537.84	3773661.56	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.18E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
4318	462529.21	3773658.01	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	3.12E-09	0.00E+00	0.00E+00	0.00E+00	3.12E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
4319	462520.58	3773654.46	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09
4320	462514.68	3773646.12	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09
4321	462511.05	3773637.52	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08	3.09E-09	0.00E+00	0.00E+00	0.00E+00	3.09E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09
4322	462507.42	3773628.93	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	3.11E-09	0.00E+00	0.00E+00	0.00E+00	3.11E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
4323	462500.16	3773611.74	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.15E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09
4324	462496.53	3773603.14	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
4325	462492.9	3773594.54	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.19E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09
4326	462489.27	3773585.95	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.21E-09	0.00E+00	0.00E+00	0.00E+00	3.21E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
4327	462485.64	3773577.35	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
4328	462482.02	3773568.76	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09

4329	462478.39	3773560.16	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.27E-09	0.00E+00	0.00E+00	0.00E+00	3.27E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
4330	462474.76	3773551.57	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
4331	462471.13	3773542.97	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
4332	462460.24	3773517.19	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	3.38E-09	0.00E+00	0.00E+00	0.00E+00	3.38E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09
4333	462456.61	3773508.59	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08	3.39E-09	0.00E+00	0.00E+00	0.00E+00	3.39E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
4334	462452.98	3773500	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
4335	462449.35	3773491.4	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08	3.43E-09	0.00E+00	0.00E+00	0.00E+00	3.43E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09
4336	462434.83	3773457.02	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08	3.49E-09	0.00E+00	0.00E+00	0.00E+00	3.49E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
4337	462431.2	3773448.43	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08	3.51E-09	0.00E+00	0.00E+00	0.00E+00	3.51E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
4338	462427.57	3773439.83	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
4339	462423.94	3773431.24	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
4340	462420.31	3773422.64	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
4341	462416.68	3773414.04	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
4342	462413.05	3773405.45	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.53E-09	0.00E+00	0.00E+00	0.00E+00	3.53E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
4343	462409.43	3773396.85	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.53E-09	0.00E+00	0.00E+00	0.00E+00	3.53E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
4344	462405.8	3773388.26	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.53E-09	0.00E+00	0.00E+00	0.00E+00	3.53E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
4345	462402.17	3773379.66	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
4346	462398.54	3773371.07	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08	3.50E-09	0.00E+00	0.00E+00	0.00E+00	3.50E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
4347	462917.47	3773847.8	3.92E-08	0.00E+00	0.00E+00	0.00E+00	3.92E-08	6.01E-09	0.00E+00	0.00E+00	0.00E+00	6.01E-09	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09
4348	462908.82	3773844.24	3.87E-08	0.00E+00	0.00E+00	0.00E+00	3.87E-08	5.93E-09	0.00E+00	0.00E+00	0.00E+00	5.93E-09	2.54E-09	0.00E+00	0.00E+00	0.00E+00	2.54E-09
4349	462900.17	3773840.68	3.82E-08	0.00E+00	0.00E+00	0.00E+00	3.82E-08	5.85E-09	0.00E+00	0.00E+00	0.00E+00	5.85E-09	2.51E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-09
4350	462891.52	3773837.12	3.77E-08	0.00E+00	0.00E+00	0.00E+00	3.77E-08	5.77E-09	0.00E+00	0.00E+00	0.00E+00	5.77E-09	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09
4351	462882.88	3773833.56	3.72E-08	0.00E+00	0.00E+00	0.00E+00	3.72E-08	5.69E-09	0.00E+00	0.00E+00	0.00E+00	5.69E-09	2.44E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-09
4352	462874.23	3773830	3.67E-08	0.00E+00	0.00E+00	0.00E+00	3.67E-08	5.61E-09	0.00E+00	0.00E+00	0.00E+00	5.61E-09	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09
4353	462865.58	3773826.44	3.62E-08	0.00E+00	0.00E+00	0.00E+00	3.62E-08	5.54E-09	0.00E+00	0.00E+00	0.00E+00	5.54E-09	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09
4354	462856.93	3773822.88	3.57E-08	0.00E+00	0.00E+00	0.00E+00	3.57E-08	5.46E-09	0.00E+00	0.00E+00	0.00E+00	5.46E-09	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09
4355	462848.28	3773819.32	3.52E-08	0.00E+00	0.00E+00	0.00E+00	3.52E-08	5.39E-09	0.00E+00	0.00E+00	0.00E+00	5.39E-09	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09
4356	462839.63	3773815.77	3.47E-08	0.00E+00	0.00E+00	0.00E+00	3.47E-08	5.31E-09	0.00E+00	0.00E+00	0.00E+00	5.31E-09	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09
4357	462830.99	3773812.21	3.42E-08	0.00E+00	0.00E+00	0.00E+00	3.42E-08	5.23E-09	0.00E+00	0.00E+00	0.00E+00	5.23E-09	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09
4358	462822.34	3773808.65	3.36E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-08	5.15E-09	0.00E+00	0.00E+00	0.00E+00	5.15E-09	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09
4359	462813.69	3773805.09	3.32E-08	0.00E+00	0.00E+00	0.00E+00	3.32E-08	5.08E-09	0.00E+00	0.00E+00	0.00E+00	5.08E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
4360	462805.04	3773801.53	3.27E-08	0.00E+00	0.00E+00	0.00E+00	3.27E-08	5.00E-09	0.00E+00	0.00E+00	0.00E+00	5.00E-09	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09
4361	462796.39	3773797.97	3.22E-08	0.00E+00	0.00E+00	0.00E+00	3.22E-08	4.93E-09	0.00E+00	0.00E+00	0.00E+00	4.93E-09	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09
4362	462787.75	3773794.41	3.18E-08	0.00E+00	0.00E+00	0.00E+00	3.18E-08	4.86E-09	0.00E+00	0.00E+00	0.00E+00	4.86E-09	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09
4363	462779.1	3773790.85	3.13E-08	0.00E+00	0.00E+00	0.00E+00	3.13E-08	4.79E-09	0.00E+00	0.00E+00	0.00E+00	4.79E-09	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09
4364	462770.45	3773787.29	3.09E-08	0.00E+00	0.00E+00	0.00E+00	3.09E-08	4.73E-09	0.00E+00	0.00E+00	0.00E+00	4.73E-09	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09
4365	462761.8	3773783.73	3.04E-08	0.00E+00	0.00E+00	0.00E+00	3.04E-08	4.66E-09	0.00E+00	0.00E+00	0.00E+00	4.66E-09	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09
4366	462753.15	3773780.17	3.00E-08	0.00E+00	0.00E+00	0.00E+00	3.00E-08	4.59E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-09	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09
4367	462744.5	3773776.62	2.95E-08	0.00E+00	0.00E+00	0.00E+00	2.95E-08	4.52E-09	0.00E+00	0.00E+00	0.00E+00	4.52E-09	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09
4368	462735.86	3773773.06	2.91E-08	0.00E+00	0.00E+00	0.00E+00	2.91E-08	4.45E-09	0.00E+00	0.00E+00	0.00E+00	4.45E-09	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09
4369	462727.21	3773769.5	2.86E-08	0.00E+00	0.00E+00	0.00E+00	2.86E-08	4.38E-09	0.00E+00	0.00E+00	0.00E+00	4.38E-09	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09
4370	462718.56	3773765.94	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08	4.30E-09	0.00E+00	0.00E+00	0.00E+00	4.30E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
4371	462709.91	3773762.38	2.76E-08	0.00E+00	0.00E+00	0.00E+00	2.76E-08	4.23E-09	0.00E+00	0.00E+00	0.00E+00	4.23E-09	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09
4372	462701.26	3773758.82	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08	4.16E-09	0.00E+00	0.00E+00	0.00E+00	4.16E-09	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09
4373	462692.62	3773755.26	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08	4.09E-09	0.00E+00	0.00E+00	0.00E+00	4.09E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
4374	462683.97	3773751.7	2.63E-08	0.00E+00	0.00E+00	0.00E+00	2.63E-08	4.03E-09	0.00E+00	0.00E+00	0.00E+00	4.03E-09	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09
4375	462675.32	3773748.14	2.59E-08	0.00E+00	0.00E+00	0.00E+00	2.59E-08	3.96E-09	0.00E+00	0.00E+00	0.00E+00	3.96E-09	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09
4376	462666.67	3773744.58	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
4377	462658.02	3773741.02	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
4378	462649.37	3773737.47	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
4379	462640.73	3773733.91	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	3.70E-09	0.00E+00	0.00E+00	0.00E+00	3.70E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
4380	462632.08	3773730.35	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	3.63E-09	0.00E+00	0.00E+00	0.00E+00	3.63E-09	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09
4381	462606.13	3773719.67	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	3.44E-09	0.00E+00	0.00E+00	0.00E+00	3.44E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09
4382	462597.49	3773716.11	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	3.38E-09	0.00E+00	0.00E+00	0.00E+00	3.38E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09
4383	462588.84	3773712.55	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09
4384	462580.19	3773708.99	2.14E-08	0.00E+00	0.00E+00	0.00E+00	2.14E-08	3.27E-09	0.00E+00	0.00E+00	0.00E+00	3.27E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
4385	462571.54	3773705.43	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09

4386	462562.89	3773701.87	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.16E-09	0.00E+00	0.00E+00	0.00E+00	3.16E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
4387	462554.24	3773698.32	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	3.11E-09	0.00E+00	0.00E+00	0.00E+00	3.11E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
4388	462545.6	3773694.76	2.00E-08	0.00E+00	0.00E+00	0.00E+00	2.00E-08	3.06E-09	0.00E+00	0.00E+00	0.00E+00	3.06E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09
4389	462536.95	3773691.2	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
4390	462528.3	3773687.64	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	2.96E-09	0.00E+00	0.00E+00	0.00E+00	2.96E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
4391	462519.65	3773684.08	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
4392	462511	3773680.52	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	2.86E-09	0.00E+00	0.00E+00	0.00E+00	2.86E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
4393	462502.35	3773676.96	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
4394	462494.77	3773670.28	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	2.79E-09	0.00E+00	0.00E+00	0.00E+00	2.79E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
4395	462491.13	3773661.67	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	2.81E-09	0.00E+00	0.00E+00	0.00E+00	2.81E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
4396	462487.49	3773653.05	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08	2.83E-09	0.00E+00	0.00E+00	0.00E+00	2.83E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
4397	462483.86	3773644.44	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	2.84E-09	0.00E+00	0.00E+00	0.00E+00	2.84E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
4398	462480.22	3773635.82	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	2.86E-09	0.00E+00	0.00E+00	0.00E+00	2.86E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
4399	462476.58	3773627.2	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
4400	462469.3	3773609.97	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
4401	462465.67	3773601.36	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	2.93E-09	0.00E+00	0.00E+00	0.00E+00	2.93E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
4402	462462.03	3773592.74	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
4403	462458.39	3773584.13	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08	2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
4404	462454.75	3773575.51	1.95E-08	0.00E+00	0.00E+00	0.00E+00	1.95E-08	2.98E-09	0.00E+00	0.00E+00	0.00E+00	2.98E-09	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09
4405	462451.11	3773566.9	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	3.00E-09	0.00E+00	0.00E+00	0.00E+00	3.00E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
4406	462447.48	3773558.28	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08	3.02E-09	0.00E+00	0.00E+00	0.00E+00	3.02E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
4407	462443.84	3773549.67	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	3.04E-09	0.00E+00	0.00E+00	0.00E+00	3.04E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09
4408	462440.2	3773541.05	2.00E-08	0.00E+00	0.00E+00	0.00E+00	2.00E-08	3.06E-09	0.00E+00	0.00E+00	0.00E+00	3.06E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09
4409	462432.92	3773523.82	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
4410	462429.29	3773515.21	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	3.11E-09	0.00E+00	0.00E+00	0.00E+00	3.11E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
4411	462425.65	3773506.59	2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08	3.12E-09	0.00E+00	0.00E+00	0.00E+00	3.12E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
4412	462422.01	3773497.97	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	3.14E-09	0.00E+00	0.00E+00	0.00E+00	3.14E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
4413	462418.37	3773489.36	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.15E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09
4414	462403.82	3773454.9	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08	3.20E-09	0.00E+00	0.00E+00	0.00E+00	3.20E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09
4415	462400.18	3773446.28	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.21E-09	0.00E+00	0.00E+00	0.00E+00	3.21E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
4416	462917.47	3773887.8	3.48E-08	0.00E+00	0.00E+00	0.00E+00	3.48E-08	5.33E-09	0.00E+00	0.00E+00	0.00E+00	5.33E-09	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09
4417	462908.84	3773884.24	3.44E-08	0.00E+00	0.00E+00	0.00E+00	3.44E-08	5.27E-09	0.00E+00	0.00E+00	0.00E+00	5.27E-09	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09
4418	462900.2	3773880.69	3.40E-08	0.00E+00	0.00E+00	0.00E+00	3.40E-08	5.20E-09	0.00E+00	0.00E+00	0.00E+00	5.20E-09	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09
4419	462891.56	3773877.14	3.36E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-08	5.14E-09	0.00E+00	0.00E+00	0.00E+00	5.14E-09	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09
4420	462882.93	3773873.58	3.32E-08	0.00E+00	0.00E+00	0.00E+00	3.32E-08	5.08E-09	0.00E+00	0.00E+00	0.00E+00	5.08E-09	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09
4421	462874.29	3773870.03	3.27E-08	0.00E+00	0.00E+00	0.00E+00	3.27E-08	5.01E-09	0.00E+00	0.00E+00	0.00E+00	5.01E-09	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09
4422	462865.66	3773866.48	3.23E-08	0.00E+00	0.00E+00	0.00E+00	3.23E-08	4.95E-09	0.00E+00	0.00E+00	0.00E+00	4.95E-09	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09
4423	462857.02	3773862.92	3.19E-08	0.00E+00	0.00E+00	0.00E+00	3.19E-08	4.89E-09	0.00E+00	0.00E+00	0.00E+00	4.89E-09	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09
4424	462848.39	3773859.37	3.15E-08	0.00E+00	0.00E+00	0.00E+00	3.15E-08	4.82E-09	0.00E+00	0.00E+00	0.00E+00	4.82E-09	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09
4425	462839.75	3773855.81	3.10E-08	0.00E+00	0.00E+00	0.00E+00	3.10E-08	4.75E-09	0.00E+00	0.00E+00	0.00E+00	4.75E-09	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09
4426	462831.12	3773852.26	3.06E-08	0.00E+00	0.00E+00	0.00E+00	3.06E-08	4.69E-09	0.00E+00	0.00E+00	0.00E+00	4.69E-09	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09
4427	462822.48	3773848.71	3.02E-08	0.00E+00	0.00E+00	0.00E+00	3.02E-08	4.62E-09	0.00E+00	0.00E+00	0.00E+00	4.62E-09	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09
4428	462813.85	3773845.15	2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08	4.56E-09	0.00E+00	0.00E+00	0.00E+00	4.56E-09	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09
4429	462805.21	3773841.6	2.94E-08	0.00E+00	0.00E+00	0.00E+00	2.94E-08	4.51E-09	0.00E+00	0.00E+00	0.00E+00	4.51E-09	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09
4430	462796.58	3773838.05	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08	4.45E-09	0.00E+00	0.00E+00	0.00E+00	4.45E-09	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09
4431	462787.94	3773834.49	2.87E-08	0.00E+00	0.00E+00	0.00E+00	2.87E-08	4.39E-09	0.00E+00	0.00E+00	0.00E+00	4.39E-09	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09
4432	462779.31	3773830.94	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
4433	462770.67	3773827.38	2.79E-08	0.00E+00	0.00E+00	0.00E+00	2.79E-08	4.27E-09	0.00E+00	0.00E+00	0.00E+00	4.27E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
4434	462762.04	3773823.83	2.75E-08	0.00E+00	0.00E+00	0.00E+00	2.75E-08	4.21E-09	0.00E+00	0.00E+00	0.00E+00	4.21E-09	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09
4435	462753.4	3773820.28	2.71E-08	0.00E+00	0.00E+00	0.00E+00	2.71E-08	4.15E-09	0.00E+00	0.00E+00	0.00E+00	4.15E-09	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09
4436	462744.76	3773816.72	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08	4.09E-09	0.00E+00	0.00E+00	0.00E+00	4.09E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
4437	462736.13	3773813.17	2.63E-08	0.00E+00	0.00E+00	0.00E+00	2.63E-08	4.03E-09	0.00E+00	0.00E+00	0.00E+00	4.03E-09	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09
4438	462727.49	3773809.61	2.60E-08	0.00E+00	0.00E+00	0.00E+00	2.60E-08	3.97E-09	0.00E+00	0.00E+00	0.00E+00	3.97E-09	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09
4439	462718.86	3773806.06	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	3.92E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-09	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09
4440	462710.22	3773802.51	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
4441	462701.59	3773798.95	2.48E-08	0.00E+00	0.00E+00	0.00E+00	2.48E-08	3.80E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-09	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09
4442	462692.95	3773795.4	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	3.74E-09	0.00E+00	0.00E+00	0.00E+00	3.74E-09	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09

4443	462684.32	3773791.85	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	3.69E-09	0.00E+00	0.00E+00	0.00E+00	3.69E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
4444	462675.68	3773788.29	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	3.63E-09	0.00E+00	0.00E+00	0.00E+00	3.63E-09	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09
4445	462667.05	3773784.74	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08	3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09
4446	462658.41	3773781.18	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
4447	462649.78	3773777.63	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08	3.46E-09	0.00E+00	0.00E+00	0.00E+00	3.46E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09
4448	462641.14	3773774.08	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
4449	462632.51	3773770.52	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	3.35E-09	0.00E+00	0.00E+00	0.00E+00	3.35E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09
4450	462597.96	3773756.31	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.15E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09
4451	462589.33	3773752.75	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
4452	462580.69	3773749.2	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.05E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09
4453	462572.06	3773745.65	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	3.00E-09	0.00E+00	0.00E+00	0.00E+00	3.00E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
4454	462563.42	3773742.09	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
4455	462554.79	3773738.54	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	2.90E-09	0.00E+00	0.00E+00	0.00E+00	2.90E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
4456	462546.15	3773734.99	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	2.86E-09	0.00E+00	0.00E+00	0.00E+00	2.86E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
4457	462537.52	3773731.43	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	2.81E-09	0.00E+00	0.00E+00	0.00E+00	2.81E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
4458	462528.88	3773727.88	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
4459	462520.25	3773724.32	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	2.72E-09	0.00E+00	0.00E+00	0.00E+00	2.72E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
4460	462511.61	3773720.77	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
4461	462502.98	3773717.22	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
4462	462494.34	3773713.66	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
4463	462485.71	3773710.11	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
4464	462477.07	3773706.56	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
4465	462467.83	3773701.57	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
4466	462464.2	3773692.97	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	2.50E-09	0.00E+00	0.00E+00	0.00E+00	2.50E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
4467	462460.56	3773684.36	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	2.51E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
4468	462456.93	3773675.76	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
4469	462453.3	3773667.16	1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08	2.54E-09	0.00E+00	0.00E+00	0.00E+00	2.54E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
4470	462449.67	3773658.56	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
4471	462446.03	3773649.95	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	2.57E-09	0.00E+00	0.00E+00	0.00E+00	2.57E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
4472	462442.4	3773641.35	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
4473	462438.77	3773632.75	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
4474	462427.87	3773606.94	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
4475	462424.24	3773598.34	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
4476	462420.61	3773589.74	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	2.67E-09	0.00E+00	0.00E+00	0.00E+00	2.67E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
4477	462416.97	3773581.13	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
4478	462413.34	3773572.53	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	2.70E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
4479	462409.71	3773563.93	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	2.72E-09	0.00E+00	0.00E+00	0.00E+00	2.72E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
4480	462406.08	3773555.33	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
4481	462402.44	3773546.72	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09
4482	462398.81	3773538.12	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08	2.76E-09	0.00E+00	0.00E+00	0.00E+00	2.76E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09
4483	462917.47	3773927.8	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08	4.78E-09	0.00E+00	0.00E+00	0.00E+00	4.78E-09	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09
4484	462908.82	3773924.24	3.09E-08	0.00E+00	0.00E+00	0.00E+00	3.09E-08	4.73E-09	0.00E+00	0.00E+00	0.00E+00	4.73E-09	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09
4485	462900.17	3773920.68	3.05E-08	0.00E+00	0.00E+00	0.00E+00	3.05E-08	4.67E-09	0.00E+00	0.00E+00	0.00E+00	4.67E-09	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09
4486	462891.52	3773917.12	3.01E-08	0.00E+00	0.00E+00	0.00E+00	3.01E-08	4.61E-09	0.00E+00	0.00E+00	0.00E+00	4.61E-09	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09
4487	462882.87	3773913.56	2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08	4.56E-09	0.00E+00	0.00E+00	0.00E+00	4.56E-09	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09
4488	462874.22	3773910	2.94E-08	0.00E+00	0.00E+00	0.00E+00	2.94E-08	4.50E-09	0.00E+00	0.00E+00	0.00E+00	4.50E-09	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09
4489	462865.57	3773906.44	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08	4.44E-09	0.00E+00	0.00E+00	0.00E+00	4.44E-09	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09
4490	462856.92	3773902.88	2.87E-08	0.00E+00	0.00E+00	0.00E+00	2.87E-08	4.39E-09	0.00E+00	0.00E+00	0.00E+00	4.39E-09	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09
4491	462848.27	3773899.32	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	4.34E-09	0.00E+00	0.00E+00	0.00E+00	4.34E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
4492	462839.62	3773895.76	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	4.28E-09	0.00E+00	0.00E+00	0.00E+00	4.28E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
4493	462830.97	3773892.2	2.76E-08	0.00E+00	0.00E+00	0.00E+00	2.76E-08	4.23E-09	0.00E+00	0.00E+00	0.00E+00	4.23E-09	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09
4494	462822.32	3773888.64	2.73E-08	0.00E+00	0.00E+00	0.00E+00	2.73E-08	4.18E-09	0.00E+00	0.00E+00	0.00E+00	4.18E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09
4495	462813.67	3773885.08	2.69E-08	0.00E+00	0.00E+00	0.00E+00	2.69E-08	4.12E-09	0.00E+00	0.00E+00	0.00E+00	4.12E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09
4496	462805.02	3773881.52	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	4.07E-09	0.00E+00	0.00E+00	0.00E+00	4.07E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
4497	462796.37	3773877.96	2.63E-08	0.00E+00	0.00E+00	0.00E+00	2.63E-08	4.02E-09	0.00E+00	0.00E+00	0.00E+00	4.02E-09	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09
4498	462787.72	3773874.4	2.59E-08	0.00E+00	0.00E+00	0.00E+00	2.59E-08	3.97E-09	0.00E+00	0.00E+00	0.00E+00	3.97E-09	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09
4499	462779.07	3773870.84	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	3.92E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-09	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09

4500	462770.42	3773867.28	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.87E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
4501	462761.77	3773863.72	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	3.82E-09	0.00E+00	0.00E+00	0.00E+00	3.82E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
4502	462753.12	3773860.16	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	3.77E-09	0.00E+00	0.00E+00	0.00E+00	3.77E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09
4503	462744.47	3773856.6	2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08	3.73E-09	0.00E+00	0.00E+00	0.00E+00	3.73E-09	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09
4504	462735.82	3773853.04	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	3.68E-09	0.00E+00	0.00E+00	0.00E+00	3.68E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
4505	462727.17	3773849.48	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	3.63E-09	0.00E+00	0.00E+00	0.00E+00	3.63E-09	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09
4506	462718.52	3773845.92	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
4507	462709.87	3773842.36	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.31E-08	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
4508	462701.22	3773838.8	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08	3.49E-09	0.00E+00	0.00E+00	0.00E+00	3.49E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
4509	462692.57	3773835.24	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	3.45E-09	0.00E+00	0.00E+00	0.00E+00	3.45E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09
4510	462683.92	3773831.68	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08	3.40E-09	0.00E+00	0.00E+00	0.00E+00	3.40E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
4511	462675.27	3773828.12	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	3.35E-09	0.00E+00	0.00E+00	0.00E+00	3.35E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09
4512	462666.62	3773824.56	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
4513	462657.97	3773821	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
4514	462649.32	3773817.44	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08	3.20E-09	0.00E+00	0.00E+00	0.00E+00	3.20E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09
4515	462640.67	3773813.88	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	3.16E-09	0.00E+00	0.00E+00	0.00E+00	3.16E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09
4516	462632.02	3773810.32	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	3.11E-09	0.00E+00	0.00E+00	0.00E+00	3.11E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
4517	462606.07	3773799.64	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08	2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
4518	462597.42	3773796.08	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	2.93E-09	0.00E+00	0.00E+00	0.00E+00	2.93E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
4519	462588.77	3773792.52	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	2.88E-09	0.00E+00	0.00E+00	0.00E+00	2.88E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
4520	462580.12	3773788.97	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08	2.84E-09	0.00E+00	0.00E+00	0.00E+00	2.84E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
4521	462571.47	3773785.41	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	2.80E-09	0.00E+00	0.00E+00	0.00E+00	2.80E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
4522	462562.82	3773781.85	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08	2.75E-09	0.00E+00	0.00E+00	0.00E+00	2.75E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09
4523	462554.17	3773778.29	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	2.71E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
4524	462545.52	3773774.73	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	2.67E-09	0.00E+00	0.00E+00	0.00E+00	2.67E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
4525	462536.87	3773771.17	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	2.63E-09	0.00E+00	0.00E+00	0.00E+00	2.63E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
4526	462502.27	3773756.93	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09
4527	462493.62	3773753.37	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
4528	462484.97	3773749.81	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
4529	462476.32	3773746.25	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
4530	462467.67	3773742.69	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09
4531	462459.02	3773739.13	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09	9.89E-10	0.00E+00	0.00E+00	0.00E+00	9.89E-10
4532	462450.37	3773735.57	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09	9.76E-10	0.00E+00	0.00E+00	0.00E+00	9.76E-10
4533	462441.72	3773732.01	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09	9.63E-10	0.00E+00	0.00E+00	0.00E+00	9.63E-10
4534	462436.64	3773722.8	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09	9.65E-10	0.00E+00	0.00E+00	0.00E+00	9.65E-10
4535	462433	3773714.18	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09	9.70E-10	0.00E+00	0.00E+00	0.00E+00	9.70E-10
4536	462429.36	3773705.56	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09	9.74E-10	0.00E+00	0.00E+00	0.00E+00	9.74E-10
4537	462425.73	3773696.95	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09	9.78E-10	0.00E+00	0.00E+00	0.00E+00	9.78E-10
4538	462422.09	3773688.33	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09	9.83E-10	0.00E+00	0.00E+00	0.00E+00	9.83E-10
4539	462418.45	3773679.71	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09	9.88E-10	0.00E+00	0.00E+00	0.00E+00	9.88E-10
4540	462414.81	3773671.1	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09	9.94E-10	0.00E+00	0.00E+00	0.00E+00	9.94E-10
4541	462411.17	3773662.48	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	2.33E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-09	9.99E-10	0.00E+00	0.00E+00	0.00E+00	9.99E-10
4542	462407.53	3773653.86	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09
4543	462403.89	3773645.24	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08	2.35E-09	0.00E+00	0.00E+00	0.00E+00	2.35E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
4544	462400.25	3773636.63	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
4545	462396.62	3773628.01	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
4546	462385.7	3773602.16	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
4547	462382.06	3773593.54	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
4548	462378.42	3773584.93	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.44E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
4549	462374.78	3773576.31	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
4550	462371.14	3773567.69	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09
4551	462367.51	3773559.07	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09
4552	462363.87	3773550.46	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
4553	462360.23	3773541.84	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	2.50E-09	0.00E+00	0.00E+00	0.00E+00	2.50E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
4554	462356.59	3773533.22	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	2.51E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
4555	462352.95	3773524.61	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
4556	462349.31	3773515.99	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09

4557	462345.67	3773507.37	1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08	2.54E-09	0.00E+00	0.00E+00	0.00E+00	2.54E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
4558	462342.04	3773498.76	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
4559	462338.4	3773490.14	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
4560	462917.47	3773967.8	2.82E-08	0.00E+00	0.00E+00	0.00E+00	2.82E-08	4.31E-09	0.00E+00	0.00E+00	0.00E+00	4.31E-09	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09
4561	462908.83	3773964.24	2.78E-08	0.00E+00	0.00E+00	0.00E+00	2.78E-08	4.26E-09	0.00E+00	0.00E+00	0.00E+00	4.26E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
4562	462900.19	3773960.69	2.75E-08	0.00E+00	0.00E+00	0.00E+00	2.75E-08	4.21E-09	0.00E+00	0.00E+00	0.00E+00	4.21E-09	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09
4563	462891.56	3773957.13	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08	4.17E-09	0.00E+00	0.00E+00	0.00E+00	4.17E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09
4564	462882.92	3773953.58	2.69E-08	0.00E+00	0.00E+00	0.00E+00	2.69E-08	4.12E-09	0.00E+00	0.00E+00	0.00E+00	4.12E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09
4565	462874.28	3773950.02	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	4.07E-09	0.00E+00	0.00E+00	0.00E+00	4.07E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
4566	462865.64	3773946.47	2.63E-08	0.00E+00	0.00E+00	0.00E+00	2.63E-08	4.03E-09	0.00E+00	0.00E+00	0.00E+00	4.03E-09	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09
4567	462857	3773942.91	2.60E-08	0.00E+00	0.00E+00	0.00E+00	2.60E-08	3.98E-09	0.00E+00	0.00E+00	0.00E+00	3.98E-09	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09
4568	462848.36	3773939.36	2.57E-08	0.00E+00	0.00E+00	0.00E+00	2.57E-08	3.94E-09	0.00E+00	0.00E+00	0.00E+00	3.94E-09	1.69E-09	0.00E+00	0.00E+00	0.00E+00	1.69E-09
4569	462839.72	3773935.8	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08	3.89E-09	0.00E+00	0.00E+00	0.00E+00	3.89E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
4570	462831.09	3773932.25	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	3.84E-09	0.00E+00	0.00E+00	0.00E+00	3.84E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
4571	462822.45	3773928.69	2.48E-08	0.00E+00	0.00E+00	0.00E+00	2.48E-08	3.80E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-09	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09
4572	462813.81	3773925.14	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	3.75E-09	0.00E+00	0.00E+00	0.00E+00	3.75E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
4573	462805.17	3773921.58	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	3.71E-09	0.00E+00	0.00E+00	0.00E+00	3.71E-09	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09
4574	462796.53	3773918.03	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	3.67E-09	0.00E+00	0.00E+00	0.00E+00	3.67E-09	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09
4575	462787.89	3773914.47	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	3.62E-09	0.00E+00	0.00E+00	0.00E+00	3.62E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
4576	462779.26	3773910.92	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08	3.58E-09	0.00E+00	0.00E+00	0.00E+00	3.58E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
4577	462770.62	3773907.36	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.31E-08	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
4578	462761.98	3773903.81	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08	3.50E-09	0.00E+00	0.00E+00	0.00E+00	3.50E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
4579	462753.34	3773900.25	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08	3.46E-09	0.00E+00	0.00E+00	0.00E+00	3.46E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09
4580	462744.7	3773896.7	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	3.42E-09	0.00E+00	0.00E+00	0.00E+00	3.42E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09
4581	462736.06	3773893.14	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	3.38E-09	0.00E+00	0.00E+00	0.00E+00	3.38E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09
4582	462727.43	3773889.59	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	3.34E-09	0.00E+00	0.00E+00	0.00E+00	3.34E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09
4583	462718.79	3773886.03	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
4584	462710.15	3773882.48	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.26E-09	0.00E+00	0.00E+00	0.00E+00	3.26E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
4585	462701.51	3773878.92	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
4586	462692.87	3773875.37	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
4587	462684.23	3773871.81	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
4588	462675.6	3773868.26	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08	3.09E-09	0.00E+00	0.00E+00	0.00E+00	3.09E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
4589	462666.96	3773864.7	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.05E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09
4590	462658.32	3773861.15	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
4591	462649.68	3773857.59	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08	2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
4592	462641.04	3773854.04	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08	2.93E-09	0.00E+00	0.00E+00	0.00E+00	2.93E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
4593	462632.4	3773850.48	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
4594	462606.49	3773839.82	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
4595	462597.85	3773836.26	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
4596	462589.21	3773832.71	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	2.70E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
4597	462580.57	3773829.15	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
4598	462571.94	3773825.6	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	2.62E-09	0.00E+00	0.00E+00	0.00E+00	2.62E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
4599	462563.3	3773822.04	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
4600	462554.66	3773818.49	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
4601	462546.02	3773814.93	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	2.51E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
4602	462537.38	3773811.38	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09
4603	462528.74	3773807.82	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
4604	462520.11	3773804.27	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
4605	462511.47	3773800.71	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
4606	462502.83	3773797.16	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09
4607	462494.19	3773793.6	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09	9.90E-10	0.00E+00	0.00E+00	0.00E+00	9.90E-10
4608	462485.55	3773790.05	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09	9.77E-10	0.00E+00	0.00E+00	0.00E+00	9.77E-10
4609	462476.91	3773786.49	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09	9.64E-10	0.00E+00	0.00E+00	0.00E+00	9.64E-10
4610	462468.27	3773782.94	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08	2.22E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-09	9.50E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-10
4611	462459.64	3773779.38	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	2.19E-09	0.00E+00	0.00E+00	0.00E+00	2.19E-09	9.37E-10	0.00E+00	0.00E+00	0.00E+00	9.37E-10
4612	462451	3773775.83	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-09	9.25E-10	0.00E+00	0.00E+00	0.00E+00	9.25E-10
4613	462442.36	3773772.27	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.13E-09	0.00E+00	0.00E+00	0.00E+00	2.13E-09	9.13E-10	0.00E+00	0.00E+00	0.00E+00	9.13E-10

4614	462409.7	3773754.09	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09	8.74E-10	0.00E+00	0.00E+00	0.00E+00	8.74E-10
4615	462406.07	3773745.49	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	8.77E-10	0.00E+00	0.00E+00	0.00E+00	8.77E-10
4616	462402.44	3773736.88	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09	8.82E-10	0.00E+00	0.00E+00	0.00E+00	8.82E-10
4617	462398.8	3773728.27	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09	8.86E-10	0.00E+00	0.00E+00	0.00E+00	8.86E-10
4618	462395.17	3773719.67	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09	8.91E-10	0.00E+00	0.00E+00	0.00E+00	8.91E-10
4619	462391.53	3773711.06	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09	8.94E-10	0.00E+00	0.00E+00	0.00E+00	8.94E-10
4620	462387.9	3773702.46	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09	8.98E-10	0.00E+00	0.00E+00	0.00E+00	8.98E-10
4621	462384.27	3773693.85	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09	9.02E-10	0.00E+00	0.00E+00	0.00E+00	9.02E-10
4622	462380.63	3773685.25	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09	9.06E-10	0.00E+00	0.00E+00	0.00E+00	9.06E-10
4623	462377	3773676.64	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09	9.10E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-10
4624	462373.36	3773668.04	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.13E-09	0.00E+00	0.00E+00	0.00E+00	2.13E-09	9.14E-10	0.00E+00	0.00E+00	0.00E+00	9.14E-10
4625	462369.73	3773659.43	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09	9.18E-10	0.00E+00	0.00E+00	0.00E+00	9.18E-10
4626	462366.1	3773650.83	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09	9.22E-10	0.00E+00	0.00E+00	0.00E+00	9.22E-10
4627	462362.46	3773642.22	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-09	9.27E-10	0.00E+00	0.00E+00	0.00E+00	9.27E-10
4628	462358.83	3773633.61	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09	9.32E-10	0.00E+00	0.00E+00	0.00E+00	9.32E-10
4629	462355.2	3773625.01	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	2.19E-09	0.00E+00	0.00E+00	0.00E+00	2.19E-09	9.38E-10	0.00E+00	0.00E+00	0.00E+00	9.38E-10
4630	462351.56	3773616.4	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09	9.42E-10	0.00E+00	0.00E+00	0.00E+00	9.42E-10
4631	462344.29	3773599.19	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08	2.22E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-09	9.50E-10	0.00E+00	0.00E+00	0.00E+00	9.50E-10
4632	462340.66	3773590.59	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09	9.55E-10	0.00E+00	0.00E+00	0.00E+00	9.55E-10
4633	462337.03	3773581.98	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09	9.60E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-10
4634	462333.39	3773573.38	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09	9.64E-10	0.00E+00	0.00E+00	0.00E+00	9.64E-10
4635	462329.76	3773564.77	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09	9.69E-10	0.00E+00	0.00E+00	0.00E+00	9.69E-10
4636	462326.12	3773556.16	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09	9.73E-10	0.00E+00	0.00E+00	0.00E+00	9.73E-10
4637	462322.49	3773547.56	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09	9.76E-10	0.00E+00	0.00E+00	0.00E+00	9.76E-10
4638	462318.86	3773538.95	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09	9.79E-10	0.00E+00	0.00E+00	0.00E+00	9.79E-10
4639	462315.22	3773530.35	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09	9.83E-10	0.00E+00	0.00E+00	0.00E+00	9.83E-10
4640	462311.59	3773521.74	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09	9.87E-10	0.00E+00	0.00E+00	0.00E+00	9.87E-10
4641	462307.96	3773513.14	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09	9.90E-10	0.00E+00	0.00E+00	0.00E+00	9.90E-10
4642	462304.32	3773504.53	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09	9.94E-10	0.00E+00	0.00E+00	0.00E+00	9.94E-10
4643	462300.69	3773495.93	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09	9.95E-10	0.00E+00	0.00E+00	0.00E+00	9.95E-10
4644	462917.47	3774007.8	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	3.92E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-09	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09
4645	462908.82	3774004.24	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
4646	462900.17	3774000.68	2.51E-08	0.00E+00	0.00E+00	0.00E+00	2.51E-08	3.84E-09	0.00E+00	0.00E+00	0.00E+00	3.84E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
4647	462891.51	3773997.12	2.48E-08	0.00E+00	0.00E+00	0.00E+00	2.48E-08	3.80E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-09	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09
4648	462882.86	3773993.56	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
4649	462874.21	3773989.99	2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08	3.71E-09	0.00E+00	0.00E+00	0.00E+00	3.71E-09	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09
4650	462865.56	3773986.43	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	3.67E-09	0.00E+00	0.00E+00	0.00E+00	3.67E-09	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09
4651	462856.91	3773982.87	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	3.63E-09	0.00E+00	0.00E+00	0.00E+00	3.63E-09	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09
4652	462848.26	3773979.31	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08	3.59E-09	0.00E+00	0.00E+00	0.00E+00	3.59E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
4653	462839.61	3773975.75	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	3.55E-09	0.00E+00	0.00E+00	0.00E+00	3.55E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
4654	462830.96	3773972.19	2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08	3.51E-09	0.00E+00	0.00E+00	0.00E+00	3.51E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
4655	462822.3	3773968.63	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	3.47E-09	0.00E+00	0.00E+00	0.00E+00	3.47E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
4656	462813.65	3773965.07	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	3.44E-09	0.00E+00	0.00E+00	0.00E+00	3.44E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09
4657	462805	3773961.51	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08	3.40E-09	0.00E+00	0.00E+00	0.00E+00	3.40E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
4658	462796.35	3773957.95	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08	3.36E-09	0.00E+00	0.00E+00	0.00E+00	3.36E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09
4659	462787.7	3773954.39	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09
4660	462779.05	3773950.83	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
4661	462770.4	3773947.27	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
4662	462761.74	3773943.71	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
4663	462753.09	3773940.15	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.18E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
4664	462744.44	3773936.59	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.15E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09
4665	462735.79	3773933.03	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	3.11E-09	0.00E+00	0.00E+00	0.00E+00	3.11E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
4666	462727.14	3773929.47	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09
4667	462718.49	3773925.91	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	3.04E-09	0.00E+00	0.00E+00	0.00E+00	3.04E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09
4668	462709.84	3773922.35	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
4669	462701.19	3773918.79	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08	2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
4670	462692.53	3773915.23	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08	2.94E-09	0.00E+00	0.00E+00	0.00E+00	2.94E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09

4671	462683.88	3773911.67	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	2.90E-09	0.00E+00	0.00E+00	0.00E+00	2.90E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
4672	462675.23	3773908.11	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
4673	462666.58	3773904.55	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08	2.84E-09	0.00E+00	0.00E+00	0.00E+00	2.84E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
4674	462657.93	3773900.99	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	2.80E-09	0.00E+00	0.00E+00	0.00E+00	2.80E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
4675	462649.28	3773897.43	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
4676	462640.63	3773893.87	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
4677	462631.97	3773890.31	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	2.70E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
4678	462606.02	3773879.62	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
4679	462597.37	3773876.06	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
4680	462588.72	3773872.5	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
4681	462580.07	3773868.94	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	2.50E-09	0.00E+00	0.00E+00	0.00E+00	2.50E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
4682	462571.42	3773865.38	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09
4683	462562.76	3773861.82	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.43E-09	0.00E+00	0.00E+00	0.00E+00	2.43E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
4684	462554.11	3773858.26	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
4685	462545.46	3773854.7	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
4686	462536.81	3773851.14	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09
4687	462528.16	3773847.58	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09	9.88E-10	0.00E+00	0.00E+00	0.00E+00	9.88E-10
4688	462519.51	3773844.02	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09	9.75E-10	0.00E+00	0.00E+00	0.00E+00	9.75E-10
4689	462510.86	3773840.46	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09	9.61E-10	0.00E+00	0.00E+00	0.00E+00	9.61E-10
4690	462502.21	3773836.9	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09	9.48E-10	0.00E+00	0.00E+00	0.00E+00	9.48E-10
4691	462493.55	3773833.34	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09	9.36E-10	0.00E+00	0.00E+00	0.00E+00	9.36E-10
4692	462484.9	3773829.78	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09	9.24E-10	0.00E+00	0.00E+00	0.00E+00	9.24E-10
4693	462476.25	3773826.22	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.13E-09	0.00E+00	0.00E+00	0.00E+00	2.13E-09	9.12E-10	0.00E+00	0.00E+00	0.00E+00	9.12E-10
4694	462467.6	3773822.66	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09	9.00E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-10
4695	462458.95	3773819.1	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09	8.89E-10	0.00E+00	0.00E+00	0.00E+00	8.89E-10
4696	462450.3	3773815.54	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	8.77E-10	0.00E+00	0.00E+00	0.00E+00	8.77E-10
4697	462441.65	3773811.98	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09	8.65E-10	0.00E+00	0.00E+00	0.00E+00	8.65E-10
4698	462432.99	3773808.42	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09	8.54E-10	0.00E+00	0.00E+00	0.00E+00	8.54E-10
4699	462424.34	3773804.86	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09	8.43E-10	0.00E+00	0.00E+00	0.00E+00	8.43E-10
4700	462415.69	3773801.3	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.33E-10	0.00E+00	0.00E+00	0.00E+00	8.33E-10
4701	462407.04	3773797.74	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09	8.23E-10	0.00E+00	0.00E+00	0.00E+00	8.23E-10
4702	462398.39	3773794.18	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	8.13E-10	0.00E+00	0.00E+00	0.00E+00	8.13E-10
4703	462389.74	3773790.62	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09	8.04E-10	0.00E+00	0.00E+00	0.00E+00	8.04E-10
4704	462382.15	3773783.93	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	7.99E-10	0.00E+00	0.00E+00	0.00E+00	7.99E-10
4705	462378.51	3773775.31	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09	8.03E-10	0.00E+00	0.00E+00	0.00E+00	8.03E-10
4706	462367.59	3773749.46	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09	8.11E-10	0.00E+00	0.00E+00	0.00E+00	8.11E-10
4707	462363.95	3773740.84	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	8.14E-10	0.00E+00	0.00E+00	0.00E+00	8.14E-10
4708	462360.32	3773732.22	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	8.18E-10	0.00E+00	0.00E+00	0.00E+00	8.18E-10
4709	462356.68	3773723.6	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09	8.22E-10	0.00E+00	0.00E+00	0.00E+00	8.22E-10
4710	462353.04	3773714.99	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09	8.25E-10	0.00E+00	0.00E+00	0.00E+00	8.25E-10
4711	462349.4	3773706.37	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09	8.28E-10	0.00E+00	0.00E+00	0.00E+00	8.28E-10
4712	462345.76	3773697.75	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.32E-10	0.00E+00	0.00E+00	0.00E+00	8.32E-10
4713	462342.12	3773689.13	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09	8.36E-10	0.00E+00	0.00E+00	0.00E+00	8.36E-10
4714	462338.48	3773680.51	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09	8.40E-10	0.00E+00	0.00E+00	0.00E+00	8.40E-10
4715	462334.84	3773671.89	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09	8.43E-10	0.00E+00	0.00E+00	0.00E+00	8.43E-10
4716	462331.2	3773663.27	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09	8.47E-10	0.00E+00	0.00E+00	0.00E+00	8.47E-10
4717	462327.56	3773654.66	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09	8.50E-10	0.00E+00	0.00E+00	0.00E+00	8.50E-10
4718	462323.92	3773646.04	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09	8.54E-10	0.00E+00	0.00E+00	0.00E+00	8.54E-10
4719	462320.28	3773637.42	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09	8.59E-10	0.00E+00	0.00E+00	0.00E+00	8.59E-10
4720	462316.64	3773628.8	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09	8.63E-10	0.00E+00	0.00E+00	0.00E+00	8.63E-10
4721	462313	3773620.18	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09	8.67E-10	0.00E+00	0.00E+00	0.00E+00	8.67E-10
4722	462302.09	3773594.33	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	8.78E-10	0.00E+00	0.00E+00	0.00E+00	8.78E-10
4723	462298.45	3773585.71	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09	8.82E-10	0.00E+00	0.00E+00	0.00E+00	8.82E-10
4724	462294.81	3773577.09	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09	8.86E-10	0.00E+00	0.00E+00	0.00E+00	8.86E-10
4725	462291.17	3773568.47	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09	8.90E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-10
4726	462287.53	3773559.85	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09	8.93E-10	0.00E+00	0.00E+00	0.00E+00	8.93E-10
4727	462283.89	3773551.24	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09	8.95E-10	0.00E+00	0.00E+00	0.00E+00	8.95E-10

4728	462280.25	3773542.62	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09	8.98E-10	0.00E+00	0.00E+00	0.00E+00	8.98E-10
4729	462276.61	3773534	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09	9.00E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-10
4730	462272.97	3773525.38	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09	9.03E-10	0.00E+00	0.00E+00	0.00E+00	9.03E-10
4731	462269.33	3773516.76	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09	9.06E-10	0.00E+00	0.00E+00	0.00E+00	9.06E-10
4732	462265.69	3773508.14	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09	9.08E-10	0.00E+00	0.00E+00	0.00E+00	9.08E-10
4733	462262.05	3773499.53	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09	9.10E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-10
4734	462258.42	3773490.91	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09	9.11E-10	0.00E+00	0.00E+00	0.00E+00	9.11E-10
4735	462196.55	3773344.39	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09	8.74E-10	0.00E+00	0.00E+00	0.00E+00	8.74E-10
4736	462192.91	3773335.78	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09	8.69E-10	0.00E+00	0.00E+00	0.00E+00	8.69E-10
4737	462189.27	3773327.16	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09	8.64E-10	0.00E+00	0.00E+00	0.00E+00	8.64E-10
4738	462900.19	3774040.69	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
4739	462891.55	3774037.13	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	3.48E-09	0.00E+00	0.00E+00	0.00E+00	3.48E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
4740	462882.91	3774033.57	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	3.44E-09	0.00E+00	0.00E+00	0.00E+00	3.44E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09
4741	462874.27	3774030.02	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
4742	462865.62	3774026.46	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08	3.37E-09	0.00E+00	0.00E+00	0.00E+00	3.37E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09
4743	462856.98	3774022.91	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09
4744	462848.34	3774019.35	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
4745	462839.7	3774015.79	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.27E-09	0.00E+00	0.00E+00	0.00E+00	3.27E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
4746	462831.06	3774012.24	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
4747	462822.42	3774008.68	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08	3.20E-09	0.00E+00	0.00E+00	0.00E+00	3.20E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09
4748	462813.78	3774005.12	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
4749	462805.14	3774001.57	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
4750	462796.5	3773998.01	2.02E-08	0.00E+00	0.00E+00	0.00E+00	2.02E-08	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
4751	462787.86	3773994.46	2.00E-08	0.00E+00	0.00E+00	0.00E+00	2.00E-08	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09
4752	462779.22	3773990.9	1.98E-08	0.00E+00	0.00E+00	0.00E+00	1.98E-08	3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.03E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09
4753	462770.58	3773987.34	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	3.00E-09	0.00E+00	0.00E+00	0.00E+00	3.00E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
4754	462761.93	3773983.79	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08	2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
4755	462753.29	3773980.23	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08	2.94E-09	0.00E+00	0.00E+00	0.00E+00	2.94E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
4756	462744.65	3773976.68	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
4757	462736.01	3773973.12	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	2.88E-09	0.00E+00	0.00E+00	0.00E+00	2.88E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
4758	462727.37	3773969.56	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	2.85E-09	0.00E+00	0.00E+00	0.00E+00	2.85E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
4759	462718.73	3773966.01	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
4760	462710.09	3773962.45	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	2.79E-09	0.00E+00	0.00E+00	0.00E+00	2.79E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
4761	462701.45	3773958.9	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	2.76E-09	0.00E+00	0.00E+00	0.00E+00	2.76E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
4762	462692.81	3773955.34	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
4763	462684.17	3773951.78	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	2.71E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
4764	462675.53	3773948.23	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
4765	462666.89	3773944.67	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	2.65E-09	0.00E+00	0.00E+00	0.00E+00	2.65E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
4766	462658.24	3773941.12	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	2.62E-09	0.00E+00	0.00E+00	0.00E+00	2.62E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
4767	462649.6	3773937.56	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
4768	462640.96	3773934	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
4769	462632.32	3773930.45	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
4770	462606.4	3773919.78	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.44E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
4771	462597.76	3773916.22	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
4772	462589.12	3773912.67	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
4773	462580.48	3773909.11	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08	2.35E-09	0.00E+00	0.00E+00	0.00E+00	2.35E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
4774	462571.84	3773905.56	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09	9.96E-10	0.00E+00	0.00E+00	0.00E+00	9.96E-10
4775	462563.2	3773902	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09	9.83E-10	0.00E+00	0.00E+00	0.00E+00	9.83E-10
4776	462554.55	3773898.44	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09	9.71E-10	0.00E+00	0.00E+00	0.00E+00	9.71E-10
4777	462545.91	3773894.89	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09	9.59E-10	0.00E+00	0.00E+00	0.00E+00	9.59E-10
4778	462537.27	3773891.33	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09	9.47E-10	0.00E+00	0.00E+00	0.00E+00	9.47E-10
4779	462528.63	3773887.78	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09	9.35E-10	0.00E+00	0.00E+00	0.00E+00	9.35E-10
4780	462519.99	3773884.22	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09	9.24E-10	0.00E+00	0.00E+00	0.00E+00	9.24E-10
4781	462511.35	3773880.66	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.13E-09	0.00E+00	0.00E+00	0.00E+00	2.13E-09	9.13E-10	0.00E+00	0.00E+00	0.00E+00	9.13E-10
4782	462502.71	3773877.11	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09	9.01E-10	0.00E+00	0.00E+00	0.00E+00	9.01E-10
4783	462494.07	3773873.55	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09	8.90E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-10
4784	462485.43	3773870	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	8.79E-10	0.00E+00	0.00E+00	0.00E+00	8.79E-10

4785	462476.79	3773866.44	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09	8.68E-10	0.00E+00	0.00E+00	0.00E+00	8.68E-10
4786	462468.15	3773862.88	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09	8.57E-10	0.00E+00	0.00E+00	0.00E+00	8.57E-10
4787	462459.51	3773859.33	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09	8.46E-10	0.00E+00	0.00E+00	0.00E+00	8.46E-10
4788	462450.87	3773855.77	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09	8.36E-10	0.00E+00	0.00E+00	0.00E+00	8.36E-10
4789	462442.22	3773852.22	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09	8.25E-10	0.00E+00	0.00E+00	0.00E+00	8.25E-10
4790	462433.58	3773848.66	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	8.15E-10	0.00E+00	0.00E+00	0.00E+00	8.15E-10
4791	462424.94	3773845.1	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09	8.05E-10	0.00E+00	0.00E+00	0.00E+00	8.05E-10
4792	462416.3	3773841.55	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	7.96E-10	0.00E+00	0.00E+00	0.00E+00	7.96E-10
4793	462407.66	3773837.99	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09	7.86E-10	0.00E+00	0.00E+00	0.00E+00	7.86E-10
4794	462399.02	3773834.44	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09	7.77E-10	0.00E+00	0.00E+00	0.00E+00	7.77E-10
4795	462390.38	3773830.88	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	7.68E-10	0.00E+00	0.00E+00	0.00E+00	7.68E-10
4796	462381.74	3773827.32	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	7.59E-10	0.00E+00	0.00E+00	0.00E+00	7.59E-10
4797	462373.1	3773823.77	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09	7.50E-10	0.00E+00	0.00E+00	0.00E+00	7.50E-10
4798	462364.46	3773820.21	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09	7.41E-10	0.00E+00	0.00E+00	0.00E+00	7.41E-10
4799	462355.21	3773815.22	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.33E-10	0.00E+00	0.00E+00	0.00E+00	7.33E-10
4800	462351.58	3773806.61	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09	7.36E-10	0.00E+00	0.00E+00	0.00E+00	7.36E-10
4801	462347.94	3773798	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09	7.39E-10	0.00E+00	0.00E+00	0.00E+00	7.39E-10
4802	462344.31	3773789.4	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09	7.42E-10	0.00E+00	0.00E+00	0.00E+00	7.42E-10
4803	462340.67	3773780.79	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	7.45E-10	0.00E+00	0.00E+00	0.00E+00	7.45E-10
4804	462337.04	3773772.18	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	7.47E-10	0.00E+00	0.00E+00	0.00E+00	7.47E-10
4805	462329.77	3773754.96	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09	7.52E-10	0.00E+00	0.00E+00	0.00E+00	7.52E-10
4806	462326.13	3773746.36	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09	7.55E-10	0.00E+00	0.00E+00	0.00E+00	7.55E-10
4807	462322.5	3773737.75	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	7.58E-10	0.00E+00	0.00E+00	0.00E+00	7.58E-10
4808	462318.86	3773729.14	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	7.61E-10	0.00E+00	0.00E+00	0.00E+00	7.61E-10
4809	462315.23	3773720.53	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	7.64E-10	0.00E+00	0.00E+00	0.00E+00	7.64E-10
4810	462311.59	3773711.92	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	7.67E-10	0.00E+00	0.00E+00	0.00E+00	7.67E-10
4811	462307.96	3773703.32	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09	7.71E-10	0.00E+00	0.00E+00	0.00E+00	7.71E-10
4812	462304.32	3773694.71	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09	7.74E-10	0.00E+00	0.00E+00	0.00E+00	7.74E-10
4813	462300.69	3773686.1	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09	7.78E-10	0.00E+00	0.00E+00	0.00E+00	7.78E-10
4814	462297.05	3773677.49	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09	7.81E-10	0.00E+00	0.00E+00	0.00E+00	7.81E-10
4815	462293.42	3773668.88	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09	7.84E-10	0.00E+00	0.00E+00	0.00E+00	7.84E-10
4816	462289.78	3773660.28	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09	7.87E-10	0.00E+00	0.00E+00	0.00E+00	7.87E-10
4817	462286.15	3773651.67	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09	7.91E-10	0.00E+00	0.00E+00	0.00E+00	7.91E-10
4818	462282.51	3773643.06	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09	7.94E-10	0.00E+00	0.00E+00	0.00E+00	7.94E-10
4819	462278.88	3773634.45	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	7.98E-10	0.00E+00	0.00E+00	0.00E+00	7.98E-10
4820	462275.24	3773625.85	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09	8.02E-10	0.00E+00	0.00E+00	0.00E+00	8.02E-10
4821	462271.61	3773617.24	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09	8.05E-10	0.00E+00	0.00E+00	0.00E+00	8.05E-10
4822	462264.34	3773600.02	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09	8.10E-10	0.00E+00	0.00E+00	0.00E+00	8.10E-10
4823	462260.7	3773591.41	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	8.13E-10	0.00E+00	0.00E+00	0.00E+00	8.13E-10
4824	462257.07	3773582.81	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	8.17E-10	0.00E+00	0.00E+00	0.00E+00	8.17E-10
4825	462253.43	3773574.2	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	8.20E-10	0.00E+00	0.00E+00	0.00E+00	8.20E-10
4826	462249.8	3773565.59	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09	8.23E-10	0.00E+00	0.00E+00	0.00E+00	8.23E-10
4827	462246.16	3773556.98	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09	8.25E-10	0.00E+00	0.00E+00	0.00E+00	8.25E-10
4828	462242.53	3773548.37	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09	8.27E-10	0.00E+00	0.00E+00	0.00E+00	8.27E-10
4829	462238.89	3773539.77	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09	8.29E-10	0.00E+00	0.00E+00	0.00E+00	8.29E-10
4830	462235.26	3773531.16	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.30E-10	0.00E+00	0.00E+00	0.00E+00	8.30E-10
4831	462231.62	3773522.55	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.32E-10	0.00E+00	0.00E+00	0.00E+00	8.32E-10
4832	462227.99	3773513.94	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.33E-10	0.00E+00	0.00E+00	0.00E+00	8.33E-10
4833	462198.91	3773445.08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.33E-10	0.00E+00	0.00E+00	0.00E+00	8.33E-10
4834	462195.28	3773436.47	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.32E-10	0.00E+00	0.00E+00	0.00E+00	8.32E-10
4835	462191.64	3773427.86	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.30E-10	0.00E+00	0.00E+00	0.00E+00	8.30E-10
4836	462188.01	3773419.25	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09	8.29E-10	0.00E+00	0.00E+00	0.00E+00	8.29E-10
4837	462184.37	3773410.65	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09	8.25E-10	0.00E+00	0.00E+00	0.00E+00	8.25E-10
4838	462180.74	3773402.04	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09	8.22E-10	0.00E+00	0.00E+00	0.00E+00	8.22E-10
4839	462177.1	3773393.43	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	8.19E-10	0.00E+00	0.00E+00	0.00E+00	8.19E-10
4840	462173.47	3773384.82	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	8.15E-10	0.00E+00	0.00E+00	0.00E+00	8.15E-10
4841	462169.83	3773376.21	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09	8.12E-10	0.00E+00	0.00E+00	0.00E+00	8.12E-10

4842	462166.2	3773367.61	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09	8.10E-10	0.00E+00	0.00E+00	0.00E+00	8.10E-10
4843	462162.56	3773359	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09	8.06E-10	0.00E+00	0.00E+00	0.00E+00	8.06E-10
4844	462158.93	3773350.39	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09	8.02E-10	0.00E+00	0.00E+00	0.00E+00	8.02E-10
4845	462155.29	3773341.78	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	7.98E-10	0.00E+00	0.00E+00	0.00E+00	7.98E-10
4846	462151.66	3773333.17	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09	7.93E-10	0.00E+00	0.00E+00	0.00E+00	7.93E-10
4847	462148.02	3773324.57	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09	7.89E-10	0.00E+00	0.00E+00	0.00E+00	7.89E-10
4848	462804.99	3774041.51	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	2.90E-09	0.00E+00	0.00E+00	0.00E+00	2.90E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
4849	462796.33	3774037.95	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
4850	462787.68	3774034.38	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	2.84E-09	0.00E+00	0.00E+00	0.00E+00	2.84E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
4851	462779.03	3774030.82	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
4852	462770.38	3774027.26	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	2.79E-09	0.00E+00	0.00E+00	0.00E+00	2.79E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
4853	462761.72	3774023.7	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08	2.76E-09	0.00E+00	0.00E+00	0.00E+00	2.76E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09
4854	462753.07	3774020.14	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
4855	462744.42	3774016.58	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	2.71E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
4856	462735.77	3774013.02	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
4857	462727.11	3774009.46	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
4858	462718.46	3774005.9	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	2.63E-09	0.00E+00	0.00E+00	0.00E+00	2.63E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
4859	462709.81	3774002.34	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
4860	462701.16	3773998.78	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
4861	462692.5	3773995.22	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
4862	462683.85	3773991.65	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
4863	462675.2	3773988.09	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	2.50E-09	0.00E+00	0.00E+00	0.00E+00	2.50E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
4864	462666.55	3773984.53	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09
4865	462657.9	3773980.97	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
4866	462649.24	3773977.41	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
4867	462640.59	3773973.85	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
4868	462631.94	3773970.29	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
4869	462605.98	3773959.61	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09	9.85E-10	0.00E+00	0.00E+00	0.00E+00	9.85E-10
4870	462597.33	3773956.05	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09	9.74E-10	0.00E+00	0.00E+00	0.00E+00	9.74E-10
4871	462588.68	3773952.49	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09	9.64E-10	0.00E+00	0.00E+00	0.00E+00	9.64E-10
4872	462580.02	3773948.93	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08	2.22E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-09	9.52E-10	0.00E+00	0.00E+00	0.00E+00	9.52E-10
4873	462571.37	3773945.36	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09	9.41E-10	0.00E+00	0.00E+00	0.00E+00	9.41E-10
4874	462562.72	3773941.8	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09	9.31E-10	0.00E+00	0.00E+00	0.00E+00	9.31E-10
4875	462554.07	3773938.24	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09	9.19E-10	0.00E+00	0.00E+00	0.00E+00	9.19E-10
4876	462545.41	3773934.68	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09	9.09E-10	0.00E+00	0.00E+00	0.00E+00	9.09E-10
4877	462536.76	3773931.12	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09	8.98E-10	0.00E+00	0.00E+00	0.00E+00	8.98E-10
4878	462528.11	3773927.56	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09	8.87E-10	0.00E+00	0.00E+00	0.00E+00	8.87E-10
4879	462519.46	3773924	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	8.77E-10	0.00E+00	0.00E+00	0.00E+00	8.77E-10
4880	462510.8	3773920.44	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09	8.66E-10	0.00E+00	0.00E+00	0.00E+00	8.66E-10
4881	462502.15	3773916.88	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09	8.56E-10	0.00E+00	0.00E+00	0.00E+00	8.56E-10
4882	462493.5	3773913.32	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09	8.46E-10	0.00E+00	0.00E+00	0.00E+00	8.46E-10
4883	462484.85	3773909.76	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09	8.36E-10	0.00E+00	0.00E+00	0.00E+00	8.36E-10
4884	462476.19	3773906.2	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09	8.25E-10	0.00E+00	0.00E+00	0.00E+00	8.25E-10
4885	462467.54	3773902.63	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	8.15E-10	0.00E+00	0.00E+00	0.00E+00	8.15E-10
4886	462458.89	3773899.07	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09	8.05E-10	0.00E+00	0.00E+00	0.00E+00	8.05E-10
4887	462450.24	3773895.51	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	7.96E-10	0.00E+00	0.00E+00	0.00E+00	7.96E-10
4888	462441.58	3773891.95	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09	7.87E-10	0.00E+00	0.00E+00	0.00E+00	7.87E-10
4889	462432.93	3773888.39	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09	7.78E-10	0.00E+00	0.00E+00	0.00E+00	7.78E-10
4890	462424.28	3773884.83	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	7.69E-10	0.00E+00	0.00E+00	0.00E+00	7.69E-10
4891	462415.63	3773881.27	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	7.59E-10	0.00E+00	0.00E+00	0.00E+00	7.59E-10
4892	462406.98	3773877.71	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09	7.50E-10	0.00E+00	0.00E+00	0.00E+00	7.50E-10
4893	462398.32	3773874.15	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09	7.41E-10	0.00E+00	0.00E+00	0.00E+00	7.41E-10
4894	462389.67	3773870.59	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.33E-10	0.00E+00	0.00E+00	0.00E+00	7.33E-10
4895	462381.02	3773867.03	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.69E-09	0.00E+00	0.00E+00	0.00E+00	1.69E-09	7.25E-10	0.00E+00	0.00E+00	0.00E+00	7.25E-10
4896	462372.37	3773863.47	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09	7.17E-10	0.00E+00	0.00E+00	0.00E+00	7.17E-10
4897	462363.71	3773859.9	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.09E-10	0.00E+00	0.00E+00	0.00E+00	7.09E-10
4898	462355.06	3773856.34	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09	7.01E-10	0.00E+00	0.00E+00	0.00E+00	7.01E-10

4899	462346.41	3773852.78	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.94E-10	0.00E+00	0.00E+00	0.00E+00	6.94E-10
4900	462337.76	3773849.22	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09	6.87E-10	0.00E+00	0.00E+00	0.00E+00	6.87E-10
4901	462329.1	3773845.66	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09	6.80E-10	0.00E+00	0.00E+00	0.00E+00	6.80E-10
4902	462324.02	3773836.45	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09	6.81E-10	0.00E+00	0.00E+00	0.00E+00	6.81E-10
4903	462320.38	3773827.83	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09	6.83E-10	0.00E+00	0.00E+00	0.00E+00	6.83E-10
4904	462316.74	3773819.21	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09	6.85E-10	0.00E+00	0.00E+00	0.00E+00	6.85E-10
4905	462313.1	3773810.59	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09	6.87E-10	0.00E+00	0.00E+00	0.00E+00	6.87E-10
4906	462309.46	3773801.97	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09	6.89E-10	0.00E+00	0.00E+00	0.00E+00	6.89E-10
4907	462305.82	3773793.35	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09	6.91E-10	0.00E+00	0.00E+00	0.00E+00	6.91E-10
4908	462302.18	3773784.73	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.93E-10	0.00E+00	0.00E+00	0.00E+00	6.93E-10
4909	462298.54	3773776.11	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.95E-10	0.00E+00	0.00E+00	0.00E+00	6.95E-10
4910	462287.62	3773750.25	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09	7.04E-10	0.00E+00	0.00E+00	0.00E+00	7.04E-10
4911	462283.98	3773741.63	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.07E-10	0.00E+00	0.00E+00	0.00E+00	7.07E-10
4912	462280.34	3773733.01	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	7.10E-10	0.00E+00	0.00E+00	0.00E+00	7.10E-10
4913	462276.7	3773724.4	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	7.12E-10	0.00E+00	0.00E+00	0.00E+00	7.12E-10
4914	462273.06	3773715.78	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09	7.15E-10	0.00E+00	0.00E+00	0.00E+00	7.15E-10
4915	462269.43	3773707.16	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	7.18E-10	0.00E+00	0.00E+00	0.00E+00	7.18E-10
4916	462265.79	3773698.54	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	7.21E-10	0.00E+00	0.00E+00	0.00E+00	7.21E-10
4917	462262.15	3773689.92	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.69E-09	0.00E+00	0.00E+00	0.00E+00	1.69E-09	7.25E-10	0.00E+00	0.00E+00	0.00E+00	7.25E-10
4918	462258.51	3773681.3	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09	7.27E-10	0.00E+00	0.00E+00	0.00E+00	7.27E-10
4919	462254.87	3773672.68	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09	7.30E-10	0.00E+00	0.00E+00	0.00E+00	7.30E-10
4920	462251.23	3773664.06	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.33E-10	0.00E+00	0.00E+00	0.00E+00	7.33E-10
4921	462247.59	3773655.44	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09	7.35E-10	0.00E+00	0.00E+00	0.00E+00	7.35E-10
4922	462243.95	3773646.82	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09	7.39E-10	0.00E+00	0.00E+00	0.00E+00	7.39E-10
4923	462240.31	3773638.2	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09	7.42E-10	0.00E+00	0.00E+00	0.00E+00	7.42E-10
4924	462236.67	3773629.58	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	7.45E-10	0.00E+00	0.00E+00	0.00E+00	7.45E-10
4925	462233.03	3773620.96	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	7.48E-10	0.00E+00	0.00E+00	0.00E+00	7.48E-10
4926	462163.87	3773457.19	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	7.69E-10	0.00E+00	0.00E+00	0.00E+00	7.69E-10
4927	462160.23	3773448.57	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	7.67E-10	0.00E+00	0.00E+00	0.00E+00	7.67E-10
4928	462156.59	3773439.95	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	7.66E-10	0.00E+00	0.00E+00	0.00E+00	7.66E-10
4929	462152.95	3773431.33	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	7.65E-10	0.00E+00	0.00E+00	0.00E+00	7.65E-10
4930	462149.31	3773422.71	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	7.64E-10	0.00E+00	0.00E+00	0.00E+00	7.64E-10
4931	462145.67	3773414.09	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	7.60E-10	0.00E+00	0.00E+00	0.00E+00	7.60E-10
4932	462142.03	3773405.47	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	7.57E-10	0.00E+00	0.00E+00	0.00E+00	7.57E-10
4933	462138.39	3773396.85	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09	7.54E-10	0.00E+00	0.00E+00	0.00E+00	7.54E-10
4934	462134.75	3773388.23	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09	7.51E-10	0.00E+00	0.00E+00	0.00E+00	7.51E-10
4935	462131.11	3773379.61	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	7.47E-10	0.00E+00	0.00E+00	0.00E+00	7.47E-10
4936	462127.48	3773371	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	7.44E-10	0.00E+00	0.00E+00	0.00E+00	7.44E-10
4937	462123.84	3773362.38	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09	7.40E-10	0.00E+00	0.00E+00	0.00E+00	7.40E-10
4938	462120.2	3773353.76	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09	7.37E-10	0.00E+00	0.00E+00	0.00E+00	7.37E-10
4939	462116.56	3773345.14	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.34E-10	0.00E+00	0.00E+00	0.00E+00	7.34E-10
4940	462112.92	3773336.52	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09	7.31E-10	0.00E+00	0.00E+00	0.00E+00	7.31E-10
4941	462109.28	3773327.9	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09	7.28E-10	0.00E+00	0.00E+00	0.00E+00	7.28E-10
4942	462105.64	3773319.28	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.69E-09	0.00E+00	0.00E+00	0.00E+00	1.69E-09	7.24E-10	0.00E+00	0.00E+00	0.00E+00	7.24E-10
4943	462102	3773310.66	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	7.20E-10	0.00E+00	0.00E+00	0.00E+00	7.20E-10
4944	462098.36	3773302.04	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09	7.16E-10	0.00E+00	0.00E+00	0.00E+00	7.16E-10
4945	462094.72	3773293.42	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	7.12E-10	0.00E+00	0.00E+00	0.00E+00	7.12E-10
4946	462091.08	3773284.8	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.09E-10	0.00E+00	0.00E+00	0.00E+00	7.09E-10
4947	462087.44	3773276.18	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.06E-10	0.00E+00	0.00E+00	0.00E+00	7.06E-10
4948	462813.76	3774085.11	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
4949	462805.11	3774081.56	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	2.70E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
4950	462710.04	3774042.43	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.43E-09	0.00E+00	0.00E+00	0.00E+00	2.43E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
4951	462701.4	3774038.88	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
4952	462692.76	3774035.32	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
4953	462684.11	3774031.76	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
4954	462675.47	3774028.21	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.35E-09	0.00E+00	0.00E+00	0.00E+00	2.35E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
4955	462666.83	3774024.65	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09	9.96E-10	0.00E+00	0.00E+00	0.00E+00	9.96E-10

4956	462658.18	3774021.09	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09	9.87E-10	0.00E+00	0.00E+00	0.00E+00	9.87E-10
4957	462649.54	3774017.53	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09	9.77E-10	0.00E+00	0.00E+00	0.00E+00	9.77E-10
4958	462640.9	3774013.98	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09	9.68E-10	0.00E+00	0.00E+00	0.00E+00	9.68E-10
4959	462632.26	3774010.42	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09	9.58E-10	0.00E+00	0.00E+00	0.00E+00	9.58E-10
4960	462606.33	3773999.75	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09	9.29E-10	0.00E+00	0.00E+00	0.00E+00	9.29E-10
4961	462597.68	3773996.19	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09	9.19E-10	0.00E+00	0.00E+00	0.00E+00	9.19E-10
4962	462589.04	3773992.64	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09	9.10E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-10
4963	462580.4	3773989.08	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09	9.00E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-10
4964	462571.76	3773985.52	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09	8.91E-10	0.00E+00	0.00E+00	0.00E+00	8.91E-10
4965	462563.11	3773981.97	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09	8.81E-10	0.00E+00	0.00E+00	0.00E+00	8.81E-10
4966	462554.47	3773978.41	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09	8.72E-10	0.00E+00	0.00E+00	0.00E+00	8.72E-10
4967	462545.83	3773974.85	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09	8.63E-10	0.00E+00	0.00E+00	0.00E+00	8.63E-10
4968	462537.18	3773971.3	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09	8.53E-10	0.00E+00	0.00E+00	0.00E+00	8.53E-10
4969	462528.54	3773967.74	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09	8.43E-10	0.00E+00	0.00E+00	0.00E+00	8.43E-10
4970	462519.9	3773964.18	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.34E-10	0.00E+00	0.00E+00	0.00E+00	8.34E-10
4971	462511.26	3773960.62	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09	8.24E-10	0.00E+00	0.00E+00	0.00E+00	8.24E-10
4972	462502.61	3773957.07	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	8.15E-10	0.00E+00	0.00E+00	0.00E+00	8.15E-10
4973	462493.97	3773953.51	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09	8.06E-10	0.00E+00	0.00E+00	0.00E+00	8.06E-10
4974	462485.33	3773949.95	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	7.97E-10	0.00E+00	0.00E+00	0.00E+00	7.97E-10
4975	462476.68	3773946.4	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09	7.88E-10	0.00E+00	0.00E+00	0.00E+00	7.88E-10
4976	462468.04	3773942.84	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09	7.79E-10	0.00E+00	0.00E+00	0.00E+00	7.79E-10
4977	462459.4	3773939.28	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09	7.71E-10	0.00E+00	0.00E+00	0.00E+00	7.71E-10
4978	462450.76	3773935.73	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	7.62E-10	0.00E+00	0.00E+00	0.00E+00	7.62E-10
4979	462442.11	3773932.17	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09	7.54E-10	0.00E+00	0.00E+00	0.00E+00	7.54E-10
4980	462433.47	3773928.61	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	7.45E-10	0.00E+00	0.00E+00	0.00E+00	7.45E-10
4981	462424.83	3773925.06	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09	7.37E-10	0.00E+00	0.00E+00	0.00E+00	7.37E-10
4982	462416.18	3773921.5	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09	7.29E-10	0.00E+00	0.00E+00	0.00E+00	7.29E-10
4983	462407.54	3773917.94	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	7.20E-10	0.00E+00	0.00E+00	0.00E+00	7.20E-10
4984	462398.9	3773914.39	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	7.13E-10	0.00E+00	0.00E+00	0.00E+00	7.13E-10
4985	462390.26	3773910.83	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09	7.04E-10	0.00E+00	0.00E+00	0.00E+00	7.04E-10
4986	462381.61	3773907.27	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.96E-10	0.00E+00	0.00E+00	0.00E+00	6.96E-10
4987	462372.97	3773903.71	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09	6.89E-10	0.00E+00	0.00E+00	0.00E+00	6.89E-10
4988	462364.33	3773900.16	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09	6.82E-10	0.00E+00	0.00E+00	0.00E+00	6.82E-10
4989	462355.68	3773896.6	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09	6.75E-10	0.00E+00	0.00E+00	0.00E+00	6.75E-10
4990	462347.04	3773893.04	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09	6.67E-10	0.00E+00	0.00E+00	0.00E+00	6.67E-10
4991	462338.4	3773889.49	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.60E-10	0.00E+00	0.00E+00	0.00E+00	6.60E-10
4992	462329.76	3773885.93	9.95E-09	0.00E+00	0.00E+00	0.00E+00	9.95E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09	6.53E-10	0.00E+00	0.00E+00	0.00E+00	6.53E-10
4993	462321.11	3773882.37	9.85E-09	0.00E+00	0.00E+00	0.00E+00	9.85E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09	6.47E-10	0.00E+00	0.00E+00	0.00E+00	6.47E-10
4994	462293.45	3773859.13	9.65E-09	0.00E+00	0.00E+00	0.00E+00	9.65E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09	6.33E-10	0.00E+00	0.00E+00	0.00E+00	6.33E-10
4995	462289.81	3773850.52	9.68E-09	0.00E+00	0.00E+00	0.00E+00	9.68E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09	6.35E-10	0.00E+00	0.00E+00	0.00E+00	6.35E-10
4996	462286.18	3773841.91	9.70E-09	0.00E+00	0.00E+00	0.00E+00	9.70E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09	6.36E-10	0.00E+00	0.00E+00	0.00E+00	6.36E-10
4997	462282.54	3773833.3	9.73E-09	0.00E+00	0.00E+00	0.00E+00	9.73E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09	6.38E-10	0.00E+00	0.00E+00	0.00E+00	6.38E-10
4998	462278.9	3773824.69	9.76E-09	0.00E+00	0.00E+00	0.00E+00	9.76E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09	6.41E-10	0.00E+00	0.00E+00	0.00E+00	6.41E-10
4999	462275.27	3773816.08	9.80E-09	0.00E+00	0.00E+00	0.00E+00	9.80E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09	6.43E-10	0.00E+00	0.00E+00	0.00E+00	6.43E-10
5000	462271.63	3773807.47	9.83E-09	0.00E+00	0.00E+00	0.00E+00	9.83E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09	6.45E-10	0.00E+00	0.00E+00	0.00E+00	6.45E-10
5001	462268	3773798.86	9.86E-09	0.00E+00	0.00E+00	0.00E+00	9.86E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09	6.47E-10	0.00E+00	0.00E+00	0.00E+00	6.47E-10
5002	462264.36	3773790.25	9.90E-09	0.00E+00	0.00E+00	0.00E+00	9.90E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09	6.49E-10	0.00E+00	0.00E+00	0.00E+00	6.49E-10
5003	462260.73	3773781.64	9.93E-09	0.00E+00	0.00E+00	0.00E+00	9.93E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09	6.51E-10	0.00E+00	0.00E+00	0.00E+00	6.51E-10
5004	462257.09	3773773.03	9.96E-09	0.00E+00	0.00E+00	0.00E+00	9.96E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09	6.54E-10	0.00E+00	0.00E+00	0.00E+00	6.54E-10
5005	462249.82	3773755.81	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.59E-10	0.00E+00	0.00E+00	0.00E+00	6.59E-10
5006	462246.18	3773747.2	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.62E-10	0.00E+00	0.00E+00	0.00E+00	6.62E-10
5007	462242.55	3773738.59	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09	6.64E-10	0.00E+00	0.00E+00	0.00E+00	6.64E-10
5008	462238.91	3773729.98	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09	6.66E-10	0.00E+00	0.00E+00	0.00E+00	6.66E-10
5009	462235.28	3773721.37	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09	6.69E-10	0.00E+00	0.00E+00	0.00E+00	6.69E-10
5010	462231.64	3773712.76	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09	6.71E-10	0.00E+00	0.00E+00	0.00E+00	6.71E-10
5011	462228	3773704.15	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09	6.74E-10	0.00E+00	0.00E+00	0.00E+00	6.74E-10
5012	462224.37	3773695.54	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09	6.77E-10	0.00E+00	0.00E+00	0.00E+00	6.77E-10

5013	462122.57	3773454.46	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	7.11E-10	0.00E+00	0.00E+00	0.00E+00	7.11E-10
5014	462118.93	3773445.85	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	7.10E-10	0.00E+00	0.00E+00	0.00E+00	7.10E-10
5015	462115.3	3773437.24	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.08E-10	0.00E+00	0.00E+00	0.00E+00	7.08E-10
5016	462111.66	3773428.63	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.07E-10	0.00E+00	0.00E+00	0.00E+00	7.07E-10
5017	462108.03	3773420.02	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.06E-10	0.00E+00	0.00E+00	0.00E+00	7.06E-10
5018	462104.39	3773411.41	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09	7.02E-10	0.00E+00	0.00E+00	0.00E+00	7.02E-10
5019	462100.75	3773402.8	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09	6.99E-10	0.00E+00	0.00E+00	0.00E+00	6.99E-10
5020	462097.12	3773394.19	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09	6.98E-10	0.00E+00	0.00E+00	0.00E+00	6.98E-10
5021	462093.48	3773385.58	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.93E-10	0.00E+00	0.00E+00	0.00E+00	6.93E-10
5022	462089.85	3773376.97	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09	6.90E-10	0.00E+00	0.00E+00	0.00E+00	6.90E-10
5023	462086.21	3773368.36	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09	6.87E-10	0.00E+00	0.00E+00	0.00E+00	6.87E-10
5024	462082.58	3773359.75	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09	6.84E-10	0.00E+00	0.00E+00	0.00E+00	6.84E-10
5025	462078.94	3773351.14	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09	6.81E-10	0.00E+00	0.00E+00	0.00E+00	6.81E-10
5026	462075.3	3773342.53	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09	6.78E-10	0.00E+00	0.00E+00	0.00E+00	6.78E-10
5027	462071.67	3773333.92	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09	6.75E-10	0.00E+00	0.00E+00	0.00E+00	6.75E-10
5028	462053.49	3773290.87	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.59E-10	0.00E+00	0.00E+00	0.00E+00	6.59E-10
5029	462049.85	3773282.26	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09	6.56E-10	0.00E+00	0.00E+00	0.00E+00	6.56E-10
5030	462813.63	3774125.06	1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
5031	462804.97	3774121.5	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
5032	462796.32	3774117.94	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	2.50E-09	0.00E+00	0.00E+00	0.00E+00	2.50E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
5033	462787.67	3774114.38	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09
5034	462779.01	3774110.82	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
5035	462770.36	3774107.26	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.43E-09	0.00E+00	0.00E+00	0.00E+00	2.43E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
5036	462761.71	3774103.7	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
5037	462753.05	3774100.13	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
5038	462744.4	3774096.57	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
5039	462735.75	3774093.01	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.35E-09	0.00E+00	0.00E+00	0.00E+00	2.35E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
5040	462727.09	3774089.45	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	2.33E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-09	9.98E-10	0.00E+00	0.00E+00	0.00E+00	9.98E-10
5041	462718.44	3774085.89	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09	9.89E-10	0.00E+00	0.00E+00	0.00E+00	9.89E-10
5042	462605.95	3774039.59	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	8.78E-10	0.00E+00	0.00E+00	0.00E+00	8.78E-10
5043	462597.29	3774036.03	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09	8.70E-10	0.00E+00	0.00E+00	0.00E+00	8.70E-10
5044	462588.64	3774032.47	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09	8.62E-10	0.00E+00	0.00E+00	0.00E+00	8.62E-10
5045	462579.99	3774028.91	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09	8.54E-10	0.00E+00	0.00E+00	0.00E+00	8.54E-10
5046	462571.33	3774025.35	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09	8.45E-10	0.00E+00	0.00E+00	0.00E+00	8.45E-10
5047	462562.68	3774021.79	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09	8.37E-10	0.00E+00	0.00E+00	0.00E+00	8.37E-10
5048	462554.03	3774018.23	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09	8.29E-10	0.00E+00	0.00E+00	0.00E+00	8.29E-10
5049	462545.37	3774014.67	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	8.21E-10	0.00E+00	0.00E+00	0.00E+00	8.21E-10
5050	462536.72	3774011.1	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09	8.12E-10	0.00E+00	0.00E+00	0.00E+00	8.12E-10
5051	462528.07	3774007.54	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09	8.04E-10	0.00E+00	0.00E+00	0.00E+00	8.04E-10
5052	462519.41	3774003.98	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09	7.95E-10	0.00E+00	0.00E+00	0.00E+00	7.95E-10
5053	462510.76	3774000.42	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09	7.86E-10	0.00E+00	0.00E+00	0.00E+00	7.86E-10
5054	462502.11	3773996.86	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09	7.78E-10	0.00E+00	0.00E+00	0.00E+00	7.78E-10
5055	462493.45	3773993.3	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09	7.70E-10	0.00E+00	0.00E+00	0.00E+00	7.70E-10
5056	462484.8	3773989.74	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	7.62E-10	0.00E+00	0.00E+00	0.00E+00	7.62E-10
5057	462476.15	3773986.18	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09	7.53E-10	0.00E+00	0.00E+00	0.00E+00	7.53E-10
5058	462467.49	3773982.61	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	7.45E-10	0.00E+00	0.00E+00	0.00E+00	7.45E-10
5059	462458.84	3773979.05	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09	7.37E-10	0.00E+00	0.00E+00	0.00E+00	7.37E-10
5060	462450.19	3773975.49	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09	7.29E-10	0.00E+00	0.00E+00	0.00E+00	7.29E-10
5061	462441.53	3773971.93	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	7.21E-10	0.00E+00	0.00E+00	0.00E+00	7.21E-10
5062	462432.88	3773968.37	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	7.13E-10	0.00E+00	0.00E+00	0.00E+00	7.13E-10
5063	462424.23	3773964.81	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.06E-10	0.00E+00	0.00E+00	0.00E+00	7.06E-10
5064	462415.57	3773961.25	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09	6.98E-10	0.00E+00	0.00E+00	0.00E+00	6.98E-10
5065	462406.92	3773957.69	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09	6.90E-10	0.00E+00	0.00E+00	0.00E+00	6.90E-10
5066	462398.27	3773954.13	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09	6.83E-10	0.00E+00	0.00E+00	0.00E+00	6.83E-10
5067	462389.61	3773950.56	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09	6.76E-10	0.00E+00	0.00E+00	0.00E+00	6.76E-10
5068	462380.96	3773947	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09	6.69E-10	0.00E+00	0.00E+00	0.00E+00	6.69E-10
5069	462372.31	3773943.44	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.62E-10	0.00E+00	0.00E+00	0.00E+00	6.62E-10

5070	462363.65	3773939.88	9.97E-09	0.00E+00	0.00E+00	0.00E+00	9.97E-09		1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09		6.55E-10	0.00E+00	0.00E+00	0.00E+00	6.55E-10
5071	462355	3773936.32	9.87E-09	0.00E+00	0.00E+00	0.00E+00	9.87E-09		1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09		6.48E-10	0.00E+00	0.00E+00	0.00E+00	6.48E-10
5072	462346.35	3773932.76	9.77E-09	0.00E+00	0.00E+00	0.00E+00	9.77E-09		1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09		6.41E-10	0.00E+00	0.00E+00	0.00E+00	6.41E-10
5073	462337.69	3773929.2	9.66E-09	0.00E+00	0.00E+00	0.00E+00	9.66E-09		1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09		6.34E-10	0.00E+00	0.00E+00	0.00E+00	6.34E-10
5074	462329.04	3773925.64	9.56E-09	0.00E+00	0.00E+00	0.00E+00	9.56E-09		1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09		6.28E-10	0.00E+00	0.00E+00	0.00E+00	6.28E-10
5075	462320.39	3773922.07	9.47E-09	0.00E+00	0.00E+00	0.00E+00	9.47E-09		1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09		6.22E-10	0.00E+00	0.00E+00	0.00E+00	6.22E-10
5076	462254.97	3773863.1	9.08E-09	0.00E+00	0.00E+00	0.00E+00	9.08E-09		1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09		5.96E-10	0.00E+00	0.00E+00	0.00E+00	5.96E-10
5077	462251.33	3773854.48	9.10E-09	0.00E+00	0.00E+00	0.00E+00	9.10E-09		1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09		5.97E-10	0.00E+00	0.00E+00	0.00E+00	5.97E-10
5078	462247.69	3773845.86	9.13E-09	0.00E+00	0.00E+00	0.00E+00	9.13E-09		1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09		5.99E-10	0.00E+00	0.00E+00	0.00E+00	5.99E-10
5079	462244.05	3773837.24	9.15E-09	0.00E+00	0.00E+00	0.00E+00	9.15E-09		1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09		6.00E-10	0.00E+00	0.00E+00	0.00E+00	6.00E-10
5080	462240.41	3773828.62	9.18E-09	0.00E+00	0.00E+00	0.00E+00	9.18E-09		1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09		6.02E-10	0.00E+00	0.00E+00	0.00E+00	6.02E-10
5081	462236.77	3773820	9.21E-09	0.00E+00	0.00E+00	0.00E+00	9.21E-09		1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09		6.04E-10	0.00E+00	0.00E+00	0.00E+00	6.04E-10
5082	462233.13	3773811.38	9.25E-09	0.00E+00	0.00E+00	0.00E+00	9.25E-09		1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09		6.07E-10	0.00E+00	0.00E+00	0.00E+00	6.07E-10
5083	462229.49	3773802.76	9.27E-09	0.00E+00	0.00E+00	0.00E+00	9.27E-09		1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09		6.09E-10	0.00E+00	0.00E+00	0.00E+00	6.09E-10
5084	462225.85	3773794.14	9.30E-09	0.00E+00	0.00E+00	0.00E+00	9.30E-09		1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09		6.11E-10	0.00E+00	0.00E+00	0.00E+00	6.11E-10
5085	462207.65	3773751.04	9.47E-09	0.00E+00	0.00E+00	0.00E+00	9.47E-09		1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09		6.21E-10	0.00E+00	0.00E+00	0.00E+00	6.21E-10
5086	462204.01	3773742.42	9.49E-09	0.00E+00	0.00E+00	0.00E+00	9.49E-09		1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09		6.23E-10	0.00E+00	0.00E+00	0.00E+00	6.23E-10
5087	462200.37	3773733.8	9.53E-09	0.00E+00	0.00E+00	0.00E+00	9.53E-09		1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09		6.25E-10	0.00E+00	0.00E+00	0.00E+00	6.25E-10
5088	462196.73	3773725.18	9.56E-09	0.00E+00	0.00E+00	0.00E+00	9.56E-09		1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09		6.28E-10	0.00E+00	0.00E+00	0.00E+00	6.28E-10
5089	462185.81	3773699.31	9.68E-09	0.00E+00	0.00E+00	0.00E+00	9.68E-09		1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09		6.35E-10	0.00E+00	0.00E+00	0.00E+00	6.35E-10
5090	462182.17	3773690.69	9.71E-09	0.00E+00	0.00E+00	0.00E+00	9.71E-09		1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09		6.37E-10	0.00E+00	0.00E+00	0.00E+00	6.37E-10
5091	462178.53	3773682.07	9.74E-09	0.00E+00	0.00E+00	0.00E+00	9.74E-09		1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09		6.39E-10	0.00E+00	0.00E+00	0.00E+00	6.39E-10
5092	462174.89	3773673.45	9.77E-09	0.00E+00	0.00E+00	0.00E+00	9.77E-09		1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09		6.41E-10	0.00E+00	0.00E+00	0.00E+00	6.41E-10
5093	462171.25	3773664.83	9.80E-09	0.00E+00	0.00E+00	0.00E+00	9.80E-09		1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09		6.43E-10	0.00E+00	0.00E+00	0.00E+00	6.43E-10
5094	462083.88	3773457.94	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08		1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09		6.62E-10	0.00E+00	0.00E+00	0.00E+00	6.62E-10
5095	462080.24	3773449.32	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08		1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09		6.60E-10	0.00E+00	0.00E+00	0.00E+00	6.60E-10
5096	462076.6	3773440.7	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08		1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09		6.59E-10	0.00E+00	0.00E+00	0.00E+00	6.59E-10
5097	462072.96	3773432.08	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08		1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09		6.57E-10	0.00E+00	0.00E+00	0.00E+00	6.57E-10
5098	462054.76	3773388.98	9.84E-09	0.00E+00	0.00E+00	0.00E+00	9.84E-09		1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09		6.46E-10	0.00E+00	0.00E+00	0.00E+00	6.46E-10
5099	462051.12	3773380.36	9.80E-09	0.00E+00	0.00E+00	0.00E+00	9.80E-09		1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09		6.43E-10	0.00E+00	0.00E+00	0.00E+00	6.43E-10
5100	462047.48	3773371.74	9.76E-09	0.00E+00	0.00E+00	0.00E+00	9.76E-09		1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09		6.41E-10	0.00E+00	0.00E+00	0.00E+00	6.41E-10
5101	462043.84	3773363.12	9.72E-09	0.00E+00	0.00E+00	0.00E+00	9.72E-09		1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09		6.38E-10	0.00E+00	0.00E+00	0.00E+00	6.38E-10
5102	462040.2	3773354.5	9.65E-09	0.00E+00	0.00E+00	0.00E+00	9.65E-09		1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09		6.33E-10	0.00E+00	0.00E+00	0.00E+00	6.33E-10
5103	462036.56	3773345.88	9.61E-09	0.00E+00	0.00E+00	0.00E+00	9.61E-09		1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09		6.30E-10	0.00E+00	0.00E+00	0.00E+00	6.30E-10
5104	462032.92	3773337.26	9.56E-09	0.00E+00	0.00E+00	0.00E+00	9.56E-09		1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09		6.27E-10	0.00E+00	0.00E+00	0.00E+00	6.27E-10
5105	462029.28	3773328.64	9.52E-09	0.00E+00	0.00E+00	0.00E+00	9.52E-09		1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09		6.24E-10	0.00E+00	0.00E+00	0.00E+00	6.24E-10
5106	462025.64	3773320.02	9.47E-09	0.00E+00	0.00E+00	0.00E+00	9.47E-09		1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09		6.22E-10	0.00E+00	0.00E+00	0.00E+00	6.22E-10
5107	462022	3773311.4	9.44E-09	0.00E+00	0.00E+00	0.00E+00	9.44E-09		1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09		6.19E-10	0.00E+00	0.00E+00	0.00E+00	6.19E-10
5108	462018.36	3773302.78	9.40E-09	0.00E+00	0.00E+00	0.00E+00	9.40E-09		1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09		6.17E-10	0.00E+00	0.00E+00	0.00E+00	6.17E-10
5109	462014.72	3773294.15	9.37E-09	0.00E+00	0.00E+00	0.00E+00	9.37E-09		1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09		6.15E-10	0.00E+00	0.00E+00	0.00E+00	6.15E-10
5110	462011.08	3773285.53	9.33E-09	0.00E+00	0.00E+00	0.00E+00	9.33E-09		1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09		6.12E-10	0.00E+00	0.00E+00	0.00E+00	6.12E-10
5111	462917.47	3774207.8	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08		2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09		1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
5112	462908.82	3774204.24	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08		2.63E-09	0.00E+00	0.00E+00	0.00E+00	2.63E-09		1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
5113	462900.18	3774200.68	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08		2.61E-09	0.00E+00	0.00E+00	0.00E+00	2.61E-09		1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
5114	462891.54	3774197.12	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08		2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09		1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
5115	462882.89	3774193.57	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08		2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09		1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
5116	462874.25	3774190.01	1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08		2.54E-09	0.00E+00	0.00E+00	0.00E+00	2.54E-09		1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
5117	462865.6	3774186.45	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08		2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09		1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
5118	462856.96	3774182.89	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08		2.50E-09	0.00E+00	0.00E+00	0.00E+00	2.50E-09		1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
5119	462848.31	3774179.34	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08		2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09		1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09
5120	462839.67	3774175.78	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08		2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09		1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
5121	462831.02	3774172.22	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08		2.43E-09	0.00E+00	0.00E+00	0.00E+00	2.43E-09		1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
5122	462813.74	3774165.11	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08		2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09		1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
5123	462805.09	3774161.55	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08		2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09		1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
5124	462796.45	3774157.99	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08		2.35E-09	0.00E+00	0.00E+00	0.00E+00	2.35E-09		1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
5125	462787.8	3774154.43	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08		2.33E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-09		9.98E-10	0.00E+00	0.00E+00	0.00E+00	9.98E-10
5126	462779.16	3774150.88	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08		2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09		9.89E-10	0.00E+00	0.00E+00	0.00E+00	9.89E-10

5127	462770.51	3774147.32	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09	9.80E-10	0.00E+00	0.00E+00	0.00E+00	9.80E-10
5128	462761.87	3774143.76	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09	9.72E-10	0.00E+00	0.00E+00	0.00E+00	9.72E-10
5129	462753.22	3774140.2	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09	9.64E-10	0.00E+00	0.00E+00	0.00E+00	9.64E-10
5130	462744.58	3774136.65	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09	9.56E-10	0.00E+00	0.00E+00	0.00E+00	9.56E-10
5131	462735.93	3774133.09	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09	9.48E-10	0.00E+00	0.00E+00	0.00E+00	9.48E-10
5132	462727.29	3774129.53	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	2.19E-09	0.00E+00	0.00E+00	0.00E+00	2.19E-09	9.39E-10	0.00E+00	0.00E+00	0.00E+00	9.39E-10
5133	462718.65	3774125.97	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09	9.32E-10	0.00E+00	0.00E+00	0.00E+00	9.32E-10
5134	462710	3774122.42	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09	9.24E-10	0.00E+00	0.00E+00	0.00E+00	9.24E-10
5135	462701.36	3774118.86	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09	9.16E-10	0.00E+00	0.00E+00	0.00E+00	9.16E-10
5136	462692.71	3774115.3	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09	9.08E-10	0.00E+00	0.00E+00	0.00E+00	9.08E-10
5137	462684.07	3774111.74	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09	9.00E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-10
5138	462675.42	3774108.19	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09	8.92E-10	0.00E+00	0.00E+00	0.00E+00	8.92E-10
5139	462666.78	3774104.63	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09	8.85E-10	0.00E+00	0.00E+00	0.00E+00	8.85E-10
5140	462658.13	3774101.07	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	8.77E-10	0.00E+00	0.00E+00	0.00E+00	8.77E-10
5141	462649.49	3774097.51	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09	8.70E-10	0.00E+00	0.00E+00	0.00E+00	8.70E-10
5142	462640.84	3774093.96	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09	8.62E-10	0.00E+00	0.00E+00	0.00E+00	8.62E-10
5143	462511.18	3774040.59	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09	7.52E-10	0.00E+00	0.00E+00	0.00E+00	7.52E-10
5144	462502.53	3774037.03	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	7.44E-10	0.00E+00	0.00E+00	0.00E+00	7.44E-10
5145	462493.89	3774033.48	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09	7.36E-10	0.00E+00	0.00E+00	0.00E+00	7.36E-10
5146	462485.24	3774029.92	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09	7.29E-10	0.00E+00	0.00E+00	0.00E+00	7.29E-10
5147	462476.6	3774026.36	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	7.21E-10	0.00E+00	0.00E+00	0.00E+00	7.21E-10
5148	462467.95	3774022.8	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09	7.14E-10	0.00E+00	0.00E+00	0.00E+00	7.14E-10
5149	462459.31	3774019.25	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.07E-10	0.00E+00	0.00E+00	0.00E+00	7.07E-10
5150	462450.67	3774015.69	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09	7.00E-10	0.00E+00	0.00E+00	0.00E+00	7.00E-10
5151	462442.02	3774012.13	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.93E-10	0.00E+00	0.00E+00	0.00E+00	6.93E-10
5152	462433.38	3774008.57	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09	6.86E-10	0.00E+00	0.00E+00	0.00E+00	6.86E-10
5153	462424.73	3774005.02	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09	6.79E-10	0.00E+00	0.00E+00	0.00E+00	6.79E-10
5154	462416.09	3774001.46	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09	6.72E-10	0.00E+00	0.00E+00	0.00E+00	6.72E-10
5155	462407.44	3773997.9	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09	6.65E-10	0.00E+00	0.00E+00	0.00E+00	6.65E-10
5156	462398.8	3773994.34	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	6.58E-10	0.00E+00	0.00E+00	0.00E+00	6.58E-10
5157	462390.15	3773990.79	9.93E-09	0.00E+00	0.00E+00	0.00E+00	9.93E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09	6.51E-10	0.00E+00	0.00E+00	0.00E+00	6.51E-10
5158	462381.51	3773987.23	9.82E-09	0.00E+00	0.00E+00	0.00E+00	9.82E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09	6.44E-10	0.00E+00	0.00E+00	0.00E+00	6.44E-10
5159	462372.86	3773983.67	9.71E-09	0.00E+00	0.00E+00	0.00E+00	9.71E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09	6.37E-10	0.00E+00	0.00E+00	0.00E+00	6.37E-10
5160	462364.22	3773980.11	9.61E-09	0.00E+00	0.00E+00	0.00E+00	9.61E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09	6.31E-10	0.00E+00	0.00E+00	0.00E+00	6.31E-10
5161	462355.58	3773976.56	9.52E-09	0.00E+00	0.00E+00	0.00E+00	9.52E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09	6.24E-10	0.00E+00	0.00E+00	0.00E+00	6.24E-10
5162	462346.93	3773973	9.42E-09	0.00E+00	0.00E+00	0.00E+00	9.42E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09	6.18E-10	0.00E+00	0.00E+00	0.00E+00	6.18E-10
5163	462338.29	3773969.44	9.33E-09	0.00E+00	0.00E+00	0.00E+00	9.33E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09	6.12E-10	0.00E+00	0.00E+00	0.00E+00	6.12E-10
5164	462329.64	3773965.88	9.24E-09	0.00E+00	0.00E+00	0.00E+00	9.24E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09	6.06E-10	0.00E+00	0.00E+00	0.00E+00	6.06E-10
5165	462321	3773962.33	9.15E-09	0.00E+00	0.00E+00	0.00E+00	9.15E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09	6.01E-10	0.00E+00	0.00E+00	0.00E+00	6.01E-10
5166	462206.23	3773842.76	8.63E-09	0.00E+00	0.00E+00	0.00E+00	8.63E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09	5.66E-10	0.00E+00	0.00E+00	0.00E+00	5.66E-10
5167	462202.59	3773834.14	8.66E-09	0.00E+00	0.00E+00	0.00E+00	8.66E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.68E-10	0.00E+00	0.00E+00	0.00E+00	5.68E-10
5168	462198.95	3773825.53	8.69E-09	0.00E+00	0.00E+00	0.00E+00	8.69E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.70E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-10
5169	462195.32	3773816.92	8.72E-09	0.00E+00	0.00E+00	0.00E+00	8.72E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.72E-10	0.00E+00	0.00E+00	0.00E+00	5.72E-10
5170	462191.68	3773808.31	8.74E-09	0.00E+00	0.00E+00	0.00E+00	8.74E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	5.74E-10	0.00E+00	0.00E+00	0.00E+00	5.74E-10
5171	462188.04	3773799.7	8.77E-09	0.00E+00	0.00E+00	0.00E+00	8.77E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	5.76E-10	0.00E+00	0.00E+00	0.00E+00	5.76E-10
5172	462184.41	3773791.09	8.80E-09	0.00E+00	0.00E+00	0.00E+00	8.80E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	5.78E-10	0.00E+00	0.00E+00	0.00E+00	5.78E-10
5173	462180.77	3773782.47	8.82E-09	0.00E+00	0.00E+00	0.00E+00	8.82E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	5.79E-10	0.00E+00	0.00E+00	0.00E+00	5.79E-10
5174	462177.14	3773773.86	8.85E-09	0.00E+00	0.00E+00	0.00E+00	8.85E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	5.81E-10	0.00E+00	0.00E+00	0.00E+00	5.81E-10
5175	462173.5	3773765.25	8.88E-09	0.00E+00	0.00E+00	0.00E+00	8.88E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09	5.83E-10	0.00E+00	0.00E+00	0.00E+00	5.83E-10
5176	462169.86	3773756.64	8.91E-09	0.00E+00	0.00E+00	0.00E+00	8.91E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09	5.85E-10	0.00E+00	0.00E+00	0.00E+00	5.85E-10
5177	462166.23	3773748.03	8.94E-09	0.00E+00	0.00E+00	0.00E+00	8.94E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09	5.86E-10	0.00E+00	0.00E+00	0.00E+00	5.86E-10
5178	462162.59	3773739.42	8.96E-09	0.00E+00	0.00E+00	0.00E+00	8.96E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09	5.88E-10	0.00E+00	0.00E+00	0.00E+00	5.88E-10
5179	462158.95	3773730.81	9.00E-09	0.00E+00	0.00E+00	0.00E+00	9.00E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09	5.91E-10	0.00E+00	0.00E+00	0.00E+00	5.91E-10
5180	462144.41	3773696.36	9.12E-09	0.00E+00	0.00E+00	0.00E+00	9.12E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09	5.98E-10	0.00E+00	0.00E+00	0.00E+00	5.98E-10
5181	462140.77	3773687.75	9.14E-09	0.00E+00	0.00E+00	0.00E+00	9.14E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09	6.00E-10	0.00E+00	0.00E+00	0.00E+00	6.00E-10
5182	462137.13	3773679.14	9.18E-09	0.00E+00	0.00E+00	0.00E+00	9.18E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09	6.02E-10	0.00E+00	0.00E+00	0.00E+00	6.02E-10
5183	462133.5	3773670.52	9.20E-09	0.00E+00	0.00E+00	0.00E+00	9.20E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09	6.04E-10	0.00E+00	0.00E+00	0.00E+00	6.04E-10

5184	462042.59	3773455.23	9.39E-09	0.00E+00	0.00E+00	0.00E+00	9.39E-09		1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09		6.17E-10	0.00E+00	0.00E+00	0.00E+00	6.17E-10
5185	462038.95	3773446.62	9.38E-09	0.00E+00	0.00E+00	0.00E+00	9.38E-09		1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09		6.16E-10	0.00E+00	0.00E+00	0.00E+00	6.16E-10
5186	462035.31	3773438.01	9.35E-09	0.00E+00	0.00E+00	0.00E+00	9.35E-09		1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09		6.14E-10	0.00E+00	0.00E+00	0.00E+00	6.14E-10
5187	462031.68	3773429.4	9.32E-09	0.00E+00	0.00E+00	0.00E+00	9.32E-09		1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09		6.12E-10	0.00E+00	0.00E+00	0.00E+00	6.12E-10
5188	462028.04	3773420.79	9.29E-09	0.00E+00	0.00E+00	0.00E+00	9.29E-09		1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09		6.10E-10	0.00E+00	0.00E+00	0.00E+00	6.10E-10
5189	462024.41	3773412.17	9.26E-09	0.00E+00	0.00E+00	0.00E+00	9.26E-09		1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09		6.08E-10	0.00E+00	0.00E+00	0.00E+00	6.08E-10
5190	462020.77	3773403.56	9.23E-09	0.00E+00	0.00E+00	0.00E+00	9.23E-09		1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09		6.05E-10	0.00E+00	0.00E+00	0.00E+00	6.05E-10
5191	462017.13	3773394.95	9.19E-09	0.00E+00	0.00E+00	0.00E+00	9.19E-09		1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09		6.03E-10	0.00E+00	0.00E+00	0.00E+00	6.03E-10
5192	462013.5	3773386.34	9.15E-09	0.00E+00	0.00E+00	0.00E+00	9.15E-09		1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09		6.01E-10	0.00E+00	0.00E+00	0.00E+00	6.01E-10
5193	462009.86	3773377.73	9.13E-09	0.00E+00	0.00E+00	0.00E+00	9.13E-09		1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09		5.99E-10	0.00E+00	0.00E+00	0.00E+00	5.99E-10
5194	462006.22	3773369.12	9.09E-09	0.00E+00	0.00E+00	0.00E+00	9.09E-09		1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09		5.97E-10	0.00E+00	0.00E+00	0.00E+00	5.97E-10
5195	462002.59	3773360.5	9.06E-09	0.00E+00	0.00E+00	0.00E+00	9.06E-09		1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09		5.95E-10	0.00E+00	0.00E+00	0.00E+00	5.95E-10
5196	461998.95	3773351.89	9.00E-09	0.00E+00	0.00E+00	0.00E+00	9.00E-09		1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09		5.91E-10	0.00E+00	0.00E+00	0.00E+00	5.91E-10
5197	461995.31	3773343.28	8.96E-09	0.00E+00	0.00E+00	0.00E+00	8.96E-09		1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09		5.88E-10	0.00E+00	0.00E+00	0.00E+00	5.88E-10
5198	461991.68	3773334.67	8.91E-09	0.00E+00	0.00E+00	0.00E+00	8.91E-09		1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09		5.85E-10	0.00E+00	0.00E+00	0.00E+00	5.85E-10
5199	461988.04	3773326.06	8.87E-09	0.00E+00	0.00E+00	0.00E+00	8.87E-09		1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09		5.82E-10	0.00E+00	0.00E+00	0.00E+00	5.82E-10
5200	461984.41	3773317.45	8.84E-09	0.00E+00	0.00E+00	0.00E+00	8.84E-09		1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09		5.80E-10	0.00E+00	0.00E+00	0.00E+00	5.80E-10
5201	461980.77	3773308.83	8.81E-09	0.00E+00	0.00E+00	0.00E+00	8.81E-09		1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09		5.78E-10	0.00E+00	0.00E+00	0.00E+00	5.78E-10
5202	461977.13	3773300.22	8.78E-09	0.00E+00	0.00E+00	0.00E+00	8.78E-09		1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09		5.76E-10	0.00E+00	0.00E+00	0.00E+00	5.76E-10
5203	461973.5	3773291.61	8.74E-09	0.00E+00	0.00E+00	0.00E+00	8.74E-09		1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09		5.74E-10	0.00E+00	0.00E+00	0.00E+00	5.74E-10
5204	461969.86	3773283	8.70E-09	0.00E+00	0.00E+00	0.00E+00	8.70E-09		1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09		5.71E-10	0.00E+00	0.00E+00	0.00E+00	5.71E-10
5205	462917.47	3774247.8	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08		2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09		1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
5206	462908.81	3774244.23	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08		2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09		1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09
5207	462900.16	3774240.67	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08		2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09		1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
5208	462891.51	3774237.11	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08		2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09		1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
5209	462882.85	3774233.55	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08		2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09		1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
5210	462874.2	3774229.99	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08		2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09		1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
5211	462865.54	3774226.43	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08		2.36E-09	0.00E+00	0.00E+00	0.00E+00	2.36E-09		1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
5212	462856.89	3774222.87	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08		2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09		1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09
5213	462848.23	3774219.3	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08		2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09		9.96E-10	0.00E+00	0.00E+00	0.00E+00	9.96E-10
5214	462839.58	3774215.74	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08		2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09		9.88E-10	0.00E+00	0.00E+00	0.00E+00	9.88E-10
5215	462830.93	3774212.18	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08		2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09		9.79E-10	0.00E+00	0.00E+00	0.00E+00	9.79E-10
5216	462822.27	3774208.62	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08		2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09		9.71E-10	0.00E+00	0.00E+00	0.00E+00	9.71E-10
5217	462813.62	3774205.06	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08		2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09		9.63E-10	0.00E+00	0.00E+00	0.00E+00	9.63E-10
5218	462804.96	3774201.5	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08		2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09		9.55E-10	0.00E+00	0.00E+00	0.00E+00	9.55E-10
5219	462796.31	3774197.94	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08		2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09		9.47E-10	0.00E+00	0.00E+00	0.00E+00	9.47E-10
5220	462787.66	3774194.37	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08		2.19E-09	0.00E+00	0.00E+00	0.00E+00	2.19E-09		9.39E-10	0.00E+00	0.00E+00	0.00E+00	9.39E-10
5221	462779	3774190.81	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08		2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09		9.32E-10	0.00E+00	0.00E+00	0.00E+00	9.32E-10
5222	462770.35	3774187.25	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08		2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09		9.24E-10	0.00E+00	0.00E+00	0.00E+00	9.24E-10
5223	462761.69	3774183.69	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08		2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09		9.16E-10	0.00E+00	0.00E+00	0.00E+00	9.16E-10
5224	462753.04	3774180.13	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08		2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09		9.08E-10	0.00E+00	0.00E+00	0.00E+00	9.08E-10
5225	462744.39	3774176.57	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08		2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09		9.01E-10	0.00E+00	0.00E+00	0.00E+00	9.01E-10
5226	462735.73	3774173	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08		2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09		8.93E-10	0.00E+00	0.00E+00	0.00E+00	8.93E-10
5227	462727.08	3774169.44	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08		2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09		8.86E-10	0.00E+00	0.00E+00	0.00E+00	8.86E-10
5228	462718.42	3774165.88	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08		2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09		8.79E-10	0.00E+00	0.00E+00	0.00E+00	8.79E-10
5229	462709.77	3774162.32	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08		2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09		8.72E-10	0.00E+00	0.00E+00	0.00E+00	8.72E-10
5230	462701.11	3774158.76	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08		2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09		8.65E-10	0.00E+00	0.00E+00	0.00E+00	8.65E-10
5231	462692.46	3774155.2	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08		2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09		8.58E-10	0.00E+00	0.00E+00	0.00E+00	8.58E-10
5232	462683.81	3774151.64	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08		1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09		8.52E-10	0.00E+00	0.00E+00	0.00E+00	8.52E-10
5233	462675.15	3774148.07	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08		1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09		8.45E-10	0.00E+00	0.00E+00	0.00E+00	8.45E-10
5234	462666.5	3774144.51	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08		1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09		8.38E-10	0.00E+00	0.00E+00	0.00E+00	8.38E-10
5235	462657.84	3774140.95	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08		1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09		8.32E-10	0.00E+00	0.00E+00	0.00E+00	8.32E-10
5236	462649.19	3774137.39	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08		1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09		8.25E-10	0.00E+00	0.00E+00	0.00E+00	8.25E-10
5237	462640.54	3774133.83	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08		1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09		8.18E-10	0.00E+00	0.00E+00	0.00E+00	8.18E-10
5238	462631.88	3774130.27	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08		1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09		8.11E-10	0.00E+00	0.00E+00	0.00E+00	8.11E-10
5239	462605.92	3774119.58	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08		1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09		7.91E-10	0.00E+00	0.00E+00	0.00E+00	7.91E-10
5240	462597.27	3774116.02	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08		1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09		7.84E-10	0.00E+00	0.00E+00	0.00E+00	7.84E-10

5241	462588.61	3774112.46	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09	7.78E-10	0.00E+00	0.00E+00	0.00E+00	7.78E-10
5242	462579.96	3774108.9	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09	7.71E-10	0.00E+00	0.00E+00	0.00E+00	7.71E-10
5243	462571.3	3774105.34	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	7.65E-10	0.00E+00	0.00E+00	0.00E+00	7.65E-10
5244	462562.65	3774101.77	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	7.58E-10	0.00E+00	0.00E+00	0.00E+00	7.58E-10
5245	462554	3774098.21	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09	7.52E-10	0.00E+00	0.00E+00	0.00E+00	7.52E-10
5246	462545.34	3774094.65	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	7.45E-10	0.00E+00	0.00E+00	0.00E+00	7.45E-10
5247	462536.69	3774091.09	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09	7.38E-10	0.00E+00	0.00E+00	0.00E+00	7.38E-10
5248	462528.03	3774087.53	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.32E-10	0.00E+00	0.00E+00	0.00E+00	7.32E-10
5249	462519.38	3774083.97	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.69E-09	0.00E+00	0.00E+00	0.00E+00	1.69E-09	7.25E-10	0.00E+00	0.00E+00	0.00E+00	7.25E-10
5250	462415.53	3774041.23	9.85E-09	0.00E+00	0.00E+00	0.00E+00	9.85E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09	6.47E-10	0.00E+00	0.00E+00	0.00E+00	6.47E-10
5251	462406.88	3774037.67	9.76E-09	0.00E+00	0.00E+00	0.00E+00	9.76E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09	6.40E-10	0.00E+00	0.00E+00	0.00E+00	6.40E-10
5252	462398.22	3774034.11	9.66E-09	0.00E+00	0.00E+00	0.00E+00	9.66E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09	6.34E-10	0.00E+00	0.00E+00	0.00E+00	6.34E-10
5253	462389.57	3774030.54	9.56E-09	0.00E+00	0.00E+00	0.00E+00	9.56E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09	6.27E-10	0.00E+00	0.00E+00	0.00E+00	6.27E-10
5254	462380.91	3774026.98	9.46E-09	0.00E+00	0.00E+00	0.00E+00	9.46E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09	6.21E-10	0.00E+00	0.00E+00	0.00E+00	6.21E-10
5255	462372.26	3774023.42	9.37E-09	0.00E+00	0.00E+00	0.00E+00	9.37E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09	6.15E-10	0.00E+00	0.00E+00	0.00E+00	6.15E-10
5256	462363.6	3774019.86	9.27E-09	0.00E+00	0.00E+00	0.00E+00	9.27E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.09E-10	0.00E+00	0.00E+00	0.00E+00	6.09E-10
5257	462354.95	3774016.3	9.19E-09	0.00E+00	0.00E+00	0.00E+00	9.19E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09	6.03E-10	0.00E+00	0.00E+00	0.00E+00	6.03E-10
5258	462346.3	3774012.74	9.10E-09	0.00E+00	0.00E+00	0.00E+00	9.10E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09	5.97E-10	0.00E+00	0.00E+00	0.00E+00	5.97E-10
5259	462337.64	3774009.18	9.01E-09	0.00E+00	0.00E+00	0.00E+00	9.01E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09	5.91E-10	0.00E+00	0.00E+00	0.00E+00	5.91E-10
5260	462328.99	3774005.61	8.92E-09	0.00E+00	0.00E+00	0.00E+00	8.92E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09	5.85E-10	0.00E+00	0.00E+00	0.00E+00	5.85E-10
5261	462320.33	3774002.05	8.84E-09	0.00E+00	0.00E+00	0.00E+00	8.84E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	5.80E-10	0.00E+00	0.00E+00	0.00E+00	5.80E-10
5262	462211.4	3773950.1	7.92E-09	0.00E+00	0.00E+00	0.00E+00	7.92E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09	5.20E-10	0.00E+00	0.00E+00	0.00E+00	5.20E-10
5263	462207.76	3773941.48	7.95E-09	0.00E+00	0.00E+00	0.00E+00	7.95E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09	5.21E-10	0.00E+00	0.00E+00	0.00E+00	5.21E-10
5264	462204.12	3773932.86	7.97E-09	0.00E+00	0.00E+00	0.00E+00	7.97E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09	5.23E-10	0.00E+00	0.00E+00	0.00E+00	5.23E-10
5265	462200.48	3773924.24	7.99E-09	0.00E+00	0.00E+00	0.00E+00	7.99E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09	5.24E-10	0.00E+00	0.00E+00	0.00E+00	5.24E-10
5266	462196.84	3773915.62	8.00E-09	0.00E+00	0.00E+00	0.00E+00	8.00E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09	5.25E-10	0.00E+00	0.00E+00	0.00E+00	5.25E-10
5267	462193.2	3773906.99	8.02E-09	0.00E+00	0.00E+00	0.00E+00	8.02E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09	5.26E-10	0.00E+00	0.00E+00	0.00E+00	5.26E-10
5268	462189.56	3773898.37	8.04E-09	0.00E+00	0.00E+00	0.00E+00	8.04E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09	5.27E-10	0.00E+00	0.00E+00	0.00E+00	5.27E-10
5269	462185.92	3773889.75	8.06E-09	0.00E+00	0.00E+00	0.00E+00	8.06E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09	5.29E-10	0.00E+00	0.00E+00	0.00E+00	5.29E-10
5270	462182.28	3773881.13	8.08E-09	0.00E+00	0.00E+00	0.00E+00	8.08E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09	5.30E-10	0.00E+00	0.00E+00	0.00E+00	5.30E-10
5271	462171.36	3773855.27	8.14E-09	0.00E+00	0.00E+00	0.00E+00	8.14E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09	5.34E-10	0.00E+00	0.00E+00	0.00E+00	5.34E-10
5272	462167.72	3773846.65	8.17E-09	0.00E+00	0.00E+00	0.00E+00	8.17E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09	5.36E-10	0.00E+00	0.00E+00	0.00E+00	5.36E-10
5273	462164.08	3773838.02	8.19E-09	0.00E+00	0.00E+00	0.00E+00	8.19E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09	5.38E-10	0.00E+00	0.00E+00	0.00E+00	5.38E-10
5274	462160.44	3773829.4	8.21E-09	0.00E+00	0.00E+00	0.00E+00	8.21E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09	5.39E-10	0.00E+00	0.00E+00	0.00E+00	5.39E-10
5275	462156.8	3773820.78	8.24E-09	0.00E+00	0.00E+00	0.00E+00	8.24E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09	5.40E-10	0.00E+00	0.00E+00	0.00E+00	5.40E-10
5276	462153.15	3773812.16	8.26E-09	0.00E+00	0.00E+00	0.00E+00	8.26E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09	5.42E-10	0.00E+00	0.00E+00	0.00E+00	5.42E-10
5277	462149.51	3773803.54	8.29E-09	0.00E+00	0.00E+00	0.00E+00	8.29E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09	5.44E-10	0.00E+00	0.00E+00	0.00E+00	5.44E-10
5278	462145.87	3773794.92	8.31E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09	5.46E-10	0.00E+00	0.00E+00	0.00E+00	5.46E-10
5279	462127.67	3773751.81	8.45E-09	0.00E+00	0.00E+00	0.00E+00	8.45E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09	5.54E-10	0.00E+00	0.00E+00	0.00E+00	5.54E-10
5280	462124.03	3773743.19	8.48E-09	0.00E+00	0.00E+00	0.00E+00	8.48E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09	5.56E-10	0.00E+00	0.00E+00	0.00E+00	5.56E-10
5281	462120.39	3773734.57	8.50E-09	0.00E+00	0.00E+00	0.00E+00	8.50E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09	5.58E-10	0.00E+00	0.00E+00	0.00E+00	5.58E-10
5282	462116.75	3773725.95	8.53E-09	0.00E+00	0.00E+00	0.00E+00	8.53E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09	5.60E-10	0.00E+00	0.00E+00	0.00E+00	5.60E-10
5283	462105.83	3773700.09	8.61E-09	0.00E+00	0.00E+00	0.00E+00	8.61E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09	5.65E-10	0.00E+00	0.00E+00	0.00E+00	5.65E-10
5284	462102.19	3773691.46	8.63E-09	0.00E+00	0.00E+00	0.00E+00	8.63E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09	5.66E-10	0.00E+00	0.00E+00	0.00E+00	5.66E-10
5285	462098.55	3773682.84	8.66E-09	0.00E+00	0.00E+00	0.00E+00	8.66E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.68E-10	0.00E+00	0.00E+00	0.00E+00	5.68E-10
5286	462094.91	3773674.22	8.68E-09	0.00E+00	0.00E+00	0.00E+00	8.68E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.70E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-10
5287	462091.27	3773665.6	8.71E-09	0.00E+00	0.00E+00	0.00E+00	8.71E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.72E-10	0.00E+00	0.00E+00	0.00E+00	5.72E-10
5288	462003.9	3773458.69	8.79E-09	0.00E+00	0.00E+00	0.00E+00	8.79E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	5.77E-10	0.00E+00	0.00E+00	0.00E+00	5.77E-10
5289	462000.26	3773450.07	8.77E-09	0.00E+00	0.00E+00	0.00E+00	8.77E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	5.76E-10	0.00E+00	0.00E+00	0.00E+00	5.76E-10
5290	461996.61	3773441.45	8.75E-09	0.00E+00	0.00E+00	0.00E+00	8.75E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	5.74E-10	0.00E+00	0.00E+00	0.00E+00	5.74E-10
5291	461992.97	3773432.83	8.72E-09	0.00E+00	0.00E+00	0.00E+00	8.72E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	5.72E-10	0.00E+00	0.00E+00	0.00E+00	5.72E-10
5292	461989.33	3773424.21	8.70E-09	0.00E+00	0.00E+00	0.00E+00	8.70E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.71E-10	0.00E+00	0.00E+00	0.00E+00	5.71E-10
5293	461985.69	3773415.59	8.67E-09	0.00E+00	0.00E+00	0.00E+00	8.67E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.69E-10	0.00E+00	0.00E+00	0.00E+00	5.69E-10
5294	461982.05	3773406.96	8.64E-09	0.00E+00	0.00E+00	0.00E+00	8.64E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09	5.67E-10	0.00E+00	0.00E+00	0.00E+00	5.67E-10
5295	461978.41	3773398.34	8.62E-09	0.00E+00	0.00E+00	0.00E+00	8.62E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09	5.66E-10	0.00E+00	0.00E+00	0.00E+00	5.66E-10
5296	461974.77	3773389.72	8.59E-09	0.00E+00	0.00E+00	0.00E+00	8.59E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09	5.64E-10	0.00E+00	0.00E+00	0.00E+00	5.64E-10
5297	461971.13	3773381.1	8.56E-09	0.00E+00	0.00E+00	0.00E+00	8.56E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09	5.62E-10	0.00E+00	0.00E+00	0.00E+00	5.62E-10

5298	461967.49	3773372.48	8.53E-09	0.00E+00	0.00E+00	0.00E+00	8.53E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09	5.60E-10	0.00E+00	0.00E+00	0.00E+00	5.60E-10
5299	461963.85	3773363.86	8.50E-09	0.00E+00	0.00E+00	0.00E+00	8.50E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09	5.58E-10	0.00E+00	0.00E+00	0.00E+00	5.58E-10
5300	461960.21	3773355.24	8.45E-09	0.00E+00	0.00E+00	0.00E+00	8.45E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09	5.54E-10	0.00E+00	0.00E+00	0.00E+00	5.54E-10
5301	461956.57	3773346.62	8.41E-09	0.00E+00	0.00E+00	0.00E+00	8.41E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09	5.52E-10	0.00E+00	0.00E+00	0.00E+00	5.52E-10
5302	461952.93	3773338	8.37E-09	0.00E+00	0.00E+00	0.00E+00	8.37E-09	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09	5.49E-10	0.00E+00	0.00E+00	0.00E+00	5.49E-10
5303	461949.29	3773329.37	8.33E-09	0.00E+00	0.00E+00	0.00E+00	8.33E-09	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09	5.47E-10	0.00E+00	0.00E+00	0.00E+00	5.47E-10
5304	461945.65	3773320.75	8.31E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09	5.45E-10	0.00E+00	0.00E+00	0.00E+00	5.45E-10
5305	461942.01	3773312.13	8.28E-09	0.00E+00	0.00E+00	0.00E+00	8.28E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09	5.43E-10	0.00E+00	0.00E+00	0.00E+00	5.43E-10
5306	461938.37	3773303.51	8.25E-09	0.00E+00	0.00E+00	0.00E+00	8.25E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09	5.41E-10	0.00E+00	0.00E+00	0.00E+00	5.41E-10
5307	461934.73	3773294.89	8.22E-09	0.00E+00	0.00E+00	0.00E+00	8.22E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09	5.40E-10	0.00E+00	0.00E+00	0.00E+00	5.40E-10
5308	461931.09	3773286.27	8.19E-09	0.00E+00	0.00E+00	0.00E+00	8.19E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09	5.37E-10	0.00E+00	0.00E+00	0.00E+00	5.37E-10
5309	462929.8	3773288.39	3.11E-06	0.00E+00	0.00E+00	0.00E+00	3.11E-06	4.77E-07	0.00E+00	0.00E+00	0.00E+00	4.77E-07	2.04E-07	0.00E+00	0.00E+00	0.00E+00	2.04E-07
5310	462939.13	3773288.39	3.96E-06	0.00E+00	0.00E+00	0.00E+00	3.96E-06	6.06E-07	0.00E+00	0.00E+00	0.00E+00	6.06E-07	2.60E-07	0.00E+00	0.00E+00	0.00E+00	2.60E-07
5311	462948.45	3773288.39	4.95E-06	0.00E+00	0.00E+00	0.00E+00	4.95E-06	7.57E-07	0.00E+00	0.00E+00	0.00E+00	7.57E-07	3.25E-07	0.00E+00	0.00E+00	0.00E+00	3.25E-07
5312	462957.78	3773288.39	6.03E-06	0.00E+00	0.00E+00	0.00E+00	6.03E-06	9.22E-07	0.00E+00	0.00E+00	0.00E+00	9.22E-07	3.95E-07	0.00E+00	0.00E+00	0.00E+00	3.95E-07
5313	462967.11	3773288.39	7.11E-06	0.00E+00	0.00E+00	0.00E+00	7.11E-06	1.09E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	4.67E-07	0.00E+00	0.00E+00	0.00E+00	4.67E-07
5314	462976.44	3773288.39	8.13E-06	0.00E+00	0.00E+00	0.00E+00	8.13E-06	1.24E-06	0.00E+00	0.00E+00	0.00E+00	1.24E-06	5.34E-07	0.00E+00	0.00E+00	0.00E+00	5.34E-07
5315	462985.76	3773288.39	9.00E-06	0.00E+00	0.00E+00	0.00E+00	9.00E-06	1.38E-06	0.00E+00	0.00E+00	0.00E+00	1.38E-06	5.90E-07	0.00E+00	0.00E+00	0.00E+00	5.90E-07
5316	462995.09	3773288.39	9.65E-06	0.00E+00	0.00E+00	0.00E+00	9.65E-06	1.48E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	6.33E-07	0.00E+00	0.00E+00	0.00E+00	6.33E-07
5317	463004.42	3773288.39	1.01E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	1.54E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.62E-07	0.00E+00	0.00E+00	0.00E+00	6.62E-07
5318	462929.8	3773298.39	2.46E-06	0.00E+00	0.00E+00	0.00E+00	2.46E-06	3.77E-07	0.00E+00	0.00E+00	0.00E+00	3.77E-07	1.61E-07	0.00E+00	0.00E+00	0.00E+00	1.61E-07
5319	462939.13	3773298.39	3.04E-06	0.00E+00	0.00E+00	0.00E+00	3.04E-06	4.65E-07	0.00E+00	0.00E+00	0.00E+00	4.65E-07	1.99E-07	0.00E+00	0.00E+00	0.00E+00	1.99E-07
5320	462948.45	3773298.39	3.71E-06	0.00E+00	0.00E+00	0.00E+00	3.71E-06	5.67E-07	0.00E+00	0.00E+00	0.00E+00	5.67E-07	2.43E-07	0.00E+00	0.00E+00	0.00E+00	2.43E-07
5321	462957.78	3773298.39	4.44E-06	0.00E+00	0.00E+00	0.00E+00	4.44E-06	6.80E-07	0.00E+00	0.00E+00	0.00E+00	6.80E-07	2.91E-07	0.00E+00	0.00E+00	0.00E+00	2.91E-07
5322	462967.11	3773298.39	5.20E-06	0.00E+00	0.00E+00	0.00E+00	5.20E-06	7.96E-07	0.00E+00	0.00E+00	0.00E+00	7.96E-07	3.41E-07	0.00E+00	0.00E+00	0.00E+00	3.41E-07
5323	462976.44	3773298.39	5.94E-06	0.00E+00	0.00E+00	0.00E+00	5.94E-06	9.09E-07	0.00E+00	0.00E+00	0.00E+00	9.09E-07	3.89E-07	0.00E+00	0.00E+00	0.00E+00	3.89E-07
5324	462985.76	3773298.39	6.60E-06	0.00E+00	0.00E+00	0.00E+00	6.60E-06	1.01E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	4.33E-07	0.00E+00	0.00E+00	0.00E+00	4.33E-07
5325	462995.09	3773298.39	7.14E-06	0.00E+00	0.00E+00	0.00E+00	7.14E-06	1.09E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	4.68E-07	0.00E+00	0.00E+00	0.00E+00	4.68E-07
5326	462929.8	3773308.39	2.02E-06	0.00E+00	0.00E+00	0.00E+00	2.02E-06	3.09E-07	0.00E+00	0.00E+00	0.00E+00	3.09E-07	1.33E-07	0.00E+00	0.00E+00	0.00E+00	1.33E-07
5327	462939.13	3773308.39	2.44E-06	0.00E+00	0.00E+00	0.00E+00	2.44E-06	3.73E-07	0.00E+00	0.00E+00	0.00E+00	3.73E-07	1.60E-07	0.00E+00	0.00E+00	0.00E+00	1.60E-07
5328	462948.45	3773308.39	2.92E-06	0.00E+00	0.00E+00	0.00E+00	2.92E-06	4.47E-07	0.00E+00	0.00E+00	0.00E+00	4.47E-07	1.92E-07	0.00E+00	0.00E+00	0.00E+00	1.92E-07
5329	462957.78	3773308.39	3.44E-06	0.00E+00	0.00E+00	0.00E+00	3.44E-06	5.27E-07	0.00E+00	0.00E+00	0.00E+00	5.27E-07	2.26E-07	0.00E+00	0.00E+00	0.00E+00	2.26E-07
5330	462967.11	3773308.39	3.99E-06	0.00E+00	0.00E+00	0.00E+00	3.99E-06	6.11E-07	0.00E+00	0.00E+00	0.00E+00	6.11E-07	2.62E-07	0.00E+00	0.00E+00	0.00E+00	2.62E-07
5331	462976.44	3773308.39	4.54E-06	0.00E+00	0.00E+00	0.00E+00	4.54E-06	6.95E-07	0.00E+00	0.00E+00	0.00E+00	6.95E-07	2.98E-07	0.00E+00	0.00E+00	0.00E+00	2.98E-07
5332	462985.76	3773308.39	5.04E-06	0.00E+00	0.00E+00	0.00E+00	5.04E-06	7.72E-07	0.00E+00	0.00E+00	0.00E+00	7.72E-07	3.31E-07	0.00E+00	0.00E+00	0.00E+00	3.31E-07
5333	462995.09	3773308.39	5.48E-06	0.00E+00	0.00E+00	0.00E+00	5.48E-06	8.39E-07	0.00E+00	0.00E+00	0.00E+00	8.39E-07	3.60E-07	0.00E+00	0.00E+00	0.00E+00	3.60E-07
5334	463004.42	3773308.39	5.84E-06	0.00E+00	0.00E+00	0.00E+00	5.84E-06	8.94E-07	0.00E+00	0.00E+00	0.00E+00	8.94E-07	3.83E-07	0.00E+00	0.00E+00	0.00E+00	3.83E-07
5335	462929.8	3773318.39	1.69E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	2.58E-07	0.00E+00	0.00E+00	0.00E+00	2.58E-07	1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07
5336	462939.13	3773318.39	2.00E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	3.06E-07	0.00E+00	0.00E+00	0.00E+00	3.06E-07	1.31E-07	0.00E+00	0.00E+00	0.00E+00	1.31E-07
5337	462948.45	3773318.39	2.36E-06	0.00E+00	0.00E+00	0.00E+00	2.36E-06	3.61E-07	0.00E+00	0.00E+00	0.00E+00	3.61E-07	1.55E-07	0.00E+00	0.00E+00	0.00E+00	1.55E-07
5338	462957.78	3773318.39	2.74E-06	0.00E+00	0.00E+00	0.00E+00	2.74E-06	4.20E-07	0.00E+00	0.00E+00	0.00E+00	4.20E-07	1.80E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-07
5339	462967.11	3773318.39	3.15E-06	0.00E+00	0.00E+00	0.00E+00	3.15E-06	4.82E-07	0.00E+00	0.00E+00	0.00E+00	4.82E-07	2.07E-07	0.00E+00	0.00E+00	0.00E+00	2.07E-07
5340	462976.44	3773318.39	3.56E-06	0.00E+00	0.00E+00	0.00E+00	3.56E-06	5.45E-07	0.00E+00	0.00E+00	0.00E+00	5.45E-07	2.34E-07	0.00E+00	0.00E+00	0.00E+00	2.34E-07
5341	462985.76	3773318.39	3.95E-06	0.00E+00	0.00E+00	0.00E+00	3.95E-06	6.05E-07	0.00E+00	0.00E+00	0.00E+00	6.05E-07	2.59E-07	0.00E+00	0.00E+00	0.00E+00	2.59E-07
5342	462995.09	3773318.39	4.30E-06	0.00E+00	0.00E+00	0.00E+00	4.30E-06	6.58E-07	0.00E+00	0.00E+00	0.00E+00	6.58E-07	2.82E-07	0.00E+00	0.00E+00	0.00E+00	2.82E-07
5343	462929.8	3773328.39	1.42E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	2.18E-07	0.00E+00	0.00E+00	0.00E+00	2.18E-07	9.35E-08	0.00E+00	0.00E+00	0.00E+00	9.35E-08
5344	462939.13	3773328.39	1.66E-06	0.00E+00	0.00E+00	0.00E+00	1.66E-06	2.55E-07	0.00E+00	0.00E+00	0.00E+00	2.55E-07	1.09E-07	0.00E+00	0.00E+00	0.00E+00	1.09E-07
5345	462948.45	3773328.39	1.93E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	2.96E-07	0.00E+00	0.00E+00	0.00E+00	2.96E-07	1.27E-07	0.00E+00	0.00E+00	0.00E+00	1.27E-07
5346	462957.78	3773328.39	2.23E-06	0.00E+00	0.00E+00	0.00E+00	2.23E-06	3.41E-07	0.00E+00	0.00E+00	0.00E+00	3.41E-07	1.46E-07	0.00E+00	0.00E+00	0.00E+00	1.46E-07
5347	462967.11	3773328.39	2.53E-06	0.00E+00	0.00E+00	0.00E+00	2.53E-06	3.88E-07	0.00E+00	0.00E+00	0.00E+00	3.88E-07	1.66E-07	0.00E+00	0.00E+00	0.00E+00	1.66E-07
5348	462976.44	3773328.39	2.85E-06	0.00E+00	0.00E+00	0.00E+00	2.85E-06	4.36E-07	0.00E+00	0.00E+00	0.00E+00	4.36E-07	1.87E-07	0.00E+00	0.00E+00	0.00E+00	1.87E-07
5349	462985.76	3773328.39	3.16E-06	0.00E+00	0.00E+00	0.00E+00	3.16E-06	4.83E-07	0.00E+00	0.00E+00	0.00E+00	4.83E-07	2.07E-07	0.00E+00	0.00E+00	0.00E+00	2.07E-07
5350	462995.09	3773328.39	3.44E-06	0.00E+00	0.00E+00	0.00E+00	3.44E-06	5.27E-07	0.00E+00	0.00E+00	0.00E+00	5.27E-07	2.26E-07	0.00E+00	0.00E+00	0.00E+00	2.26E-07
5351	462929.8	3773338.39	1.21E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	1.85E-07	0.00E+00	0.00E+00	0.00E+00	1.85E-07	7.91E-08	0.00E+00	0.00E+00	0.00E+00	7.91E-08
5352	462939.13	3773338.39	1.39E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	2.13E-07	0.00E+00	0.00E+00	0.00E+00	2.13E-07	9.12E-08	0.00E+00	0.00E+00	0.00E+00	9.12E-08
5353	462948.45	3773338.39	1.60E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	2.44E-07	0.00E+00	0.00E+00	0.00E+00	2.44E-07	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07
5354	462957.78	3773338.39	1.82E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	2.79E-07	0.00E+00	0.00E+00	0.00E+00	2.79E-07	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07

5355	462967.11	3773338.39	2.06E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-06	3.15E-07	0.00E+00	0.00E+00	0.00E+00	3.15E-07	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07
5356	462976.44	3773338.39	2.30E-06	0.00E+00	0.00E+00	0.00E+00	2.30E-06	3.53E-07	0.00E+00	0.00E+00	0.00E+00	3.53E-07	1.51E-07	0.00E+00	0.00E+00	0.00E+00	1.51E-07
5357	462985.76	3773338.39	2.55E-06	0.00E+00	0.00E+00	0.00E+00	2.55E-06	3.91E-07	0.00E+00	0.00E+00	0.00E+00	3.91E-07	1.68E-07	0.00E+00	0.00E+00	0.00E+00	1.68E-07
5358	462995.09	3773338.39	2.79E-06	0.00E+00	0.00E+00	0.00E+00	2.79E-06	4.28E-07	0.00E+00	0.00E+00	0.00E+00	4.28E-07	1.83E-07	0.00E+00	0.00E+00	0.00E+00	1.83E-07
5359	463004.42	3773338.39	3.01E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	4.60E-07	0.00E+00	0.00E+00	0.00E+00	4.60E-07	1.97E-07	0.00E+00	0.00E+00	0.00E+00	1.97E-07
5360	462929.8	3773348.39	1.03E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	1.58E-07	0.00E+00	0.00E+00	0.00E+00	1.58E-07	6.77E-08	0.00E+00	0.00E+00	0.00E+00	6.77E-08
5361	462939.13	3773348.39	1.18E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	1.80E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-07	7.73E-08	0.00E+00	0.00E+00	0.00E+00	7.73E-08
5362	462948.45	3773348.39	1.34E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	2.05E-07	0.00E+00	0.00E+00	0.00E+00	2.05E-07	8.78E-08	0.00E+00	0.00E+00	0.00E+00	8.78E-08
5363	462957.78	3773348.39	1.51E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	2.32E-07	0.00E+00	0.00E+00	0.00E+00	2.32E-07	9.93E-08	0.00E+00	0.00E+00	0.00E+00	9.93E-08
5364	462967.11	3773348.39	1.70E-06	0.00E+00	0.00E+00	0.00E+00	1.70E-06	2.60E-07	0.00E+00	0.00E+00	0.00E+00	2.60E-07	1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07
5365	462976.44	3773348.39	1.90E-06	0.00E+00	0.00E+00	0.00E+00	1.90E-06	2.90E-07	0.00E+00	0.00E+00	0.00E+00	2.90E-07	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07
5366	462985.76	3773348.39	2.10E-06	0.00E+00	0.00E+00	0.00E+00	2.10E-06	3.22E-07	0.00E+00	0.00E+00	0.00E+00	3.22E-07	1.38E-07	0.00E+00	0.00E+00	0.00E+00	1.38E-07
5367	462995.09	3773348.39	2.30E-06	0.00E+00	0.00E+00	0.00E+00	2.30E-06	3.53E-07	0.00E+00	0.00E+00	0.00E+00	3.53E-07	1.51E-07	0.00E+00	0.00E+00	0.00E+00	1.51E-07
5368	462929.8	3773368.39	7.88E-07	0.00E+00	0.00E+00	0.00E+00	7.88E-07	1.21E-07	0.00E+00	0.00E+00	0.00E+00	1.21E-07	5.17E-08	0.00E+00	0.00E+00	0.00E+00	5.17E-08
5369	462939.13	3773368.39	8.84E-07	0.00E+00	0.00E+00	0.00E+00	8.84E-07	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	5.80E-08	0.00E+00	0.00E+00	0.00E+00	5.80E-08
5370	462948.45	3773368.39	9.89E-07	0.00E+00	0.00E+00	0.00E+00	9.89E-07	1.51E-07	0.00E+00	0.00E+00	0.00E+00	1.51E-07	6.49E-08	0.00E+00	0.00E+00	0.00E+00	6.49E-08
5371	462957.78	3773368.39	1.10E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	1.69E-07	0.00E+00	0.00E+00	0.00E+00	1.69E-07	7.23E-08	0.00E+00	0.00E+00	0.00E+00	7.23E-08
5372	462967.11	3773368.39	1.22E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	1.87E-07	0.00E+00	0.00E+00	0.00E+00	1.87E-07	8.01E-08	0.00E+00	0.00E+00	0.00E+00	8.01E-08
5373	462976.44	3773368.39	1.35E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	2.06E-07	0.00E+00	0.00E+00	0.00E+00	2.06E-07	8.85E-08	0.00E+00	0.00E+00	0.00E+00	8.85E-08
5374	462985.76	3773368.39	1.48E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	2.27E-07	0.00E+00	0.00E+00	0.00E+00	2.27E-07	9.71E-08	0.00E+00	0.00E+00	0.00E+00	9.71E-08
5375	462995.09	3773368.39	1.61E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	2.47E-07	0.00E+00	0.00E+00	0.00E+00	2.47E-07	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07
5376	462929.8	3773388.39	6.22E-07	0.00E+00	0.00E+00	0.00E+00	6.22E-07	9.52E-08	0.00E+00	0.00E+00	0.00E+00	9.52E-08	4.08E-08	0.00E+00	0.00E+00	0.00E+00	4.08E-08
5377	462939.13	3773388.39	6.88E-07	0.00E+00	0.00E+00	0.00E+00	6.88E-07	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07	4.52E-08	0.00E+00	0.00E+00	0.00E+00	4.52E-08
5378	462948.45	3773388.39	7.60E-07	0.00E+00	0.00E+00	0.00E+00	7.60E-07	1.16E-07	0.00E+00	0.00E+00	0.00E+00	1.16E-07	4.99E-08	0.00E+00	0.00E+00	0.00E+00	4.99E-08
5379	462957.78	3773388.39	8.37E-07	0.00E+00	0.00E+00	0.00E+00	8.37E-07	1.28E-07	0.00E+00	0.00E+00	0.00E+00	1.28E-07	5.49E-08	0.00E+00	0.00E+00	0.00E+00	5.49E-08
5380	462967.11	3773388.39	9.18E-07	0.00E+00	0.00E+00	0.00E+00	9.18E-07	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	6.02E-08	0.00E+00	0.00E+00	0.00E+00	6.02E-08
5381	462976.44	3773388.39	1.00E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	1.53E-07	0.00E+00	0.00E+00	0.00E+00	1.53E-07	6.57E-08	0.00E+00	0.00E+00	0.00E+00	6.57E-08
5382	462985.76	3773388.39	1.09E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	1.66E-07	0.00E+00	0.00E+00	0.00E+00	1.66E-07	7.14E-08	0.00E+00	0.00E+00	0.00E+00	7.14E-08
5383	462995.09	3773388.39	1.17E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	1.80E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-07	7.70E-08	0.00E+00	0.00E+00	0.00E+00	7.70E-08
5384	462929.8	3773408.39	4.95E-07	0.00E+00	0.00E+00	0.00E+00	4.95E-07	7.58E-08	0.00E+00	0.00E+00	0.00E+00	7.58E-08	3.25E-08	0.00E+00	0.00E+00	0.00E+00	3.25E-08
5385	462939.13	3773408.39	5.42E-07	0.00E+00	0.00E+00	0.00E+00	5.42E-07	8.30E-08	0.00E+00	0.00E+00	0.00E+00	8.30E-08	3.56E-08	0.00E+00	0.00E+00	0.00E+00	3.56E-08
5386	462948.45	3773408.39	5.92E-07	0.00E+00	0.00E+00	0.00E+00	5.92E-07	9.07E-08	0.00E+00	0.00E+00	0.00E+00	9.07E-08	3.89E-08	0.00E+00	0.00E+00	0.00E+00	3.89E-08
5387	462957.78	3773408.39	6.46E-07	0.00E+00	0.00E+00	0.00E+00	6.46E-07	9.89E-08	0.00E+00	0.00E+00	0.00E+00	9.89E-08	4.24E-08	0.00E+00	0.00E+00	0.00E+00	4.24E-08
5388	462967.11	3773408.39	7.03E-07	0.00E+00	0.00E+00	0.00E+00	7.03E-07	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	4.61E-08	0.00E+00	0.00E+00	0.00E+00	4.61E-08
5389	462976.44	3773408.39	7.62E-07	0.00E+00	0.00E+00	0.00E+00	7.62E-07	1.17E-07	0.00E+00	0.00E+00	0.00E+00	1.17E-07	5.00E-08	0.00E+00	0.00E+00	0.00E+00	5.00E-08
5390	462985.76	3773408.39	8.22E-07	0.00E+00	0.00E+00	0.00E+00	8.22E-07	1.26E-07	0.00E+00	0.00E+00	0.00E+00	1.26E-07	5.39E-08	0.00E+00	0.00E+00	0.00E+00	5.39E-08
5391	462995.09	3773408.39	8.83E-07	0.00E+00	0.00E+00	0.00E+00	8.83E-07	1.35E-07	0.00E+00	0.00E+00	0.00E+00	1.35E-07	5.79E-08	0.00E+00	0.00E+00	0.00E+00	5.79E-08
5392	463004.42	3773408.39	9.45E-07	0.00E+00	0.00E+00	0.00E+00	9.45E-07	1.45E-07	0.00E+00	0.00E+00	0.00E+00	1.45E-07	6.20E-08	0.00E+00	0.00E+00	0.00E+00	6.20E-08
5393	462929.8	3773428.39	4.05E-07	0.00E+00	0.00E+00	0.00E+00	4.05E-07	6.20E-08	0.00E+00	0.00E+00	0.00E+00	6.20E-08	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08
5394	462939.13	3773428.39	4.40E-07	0.00E+00	0.00E+00	0.00E+00	4.40E-07	6.73E-08	0.00E+00	0.00E+00	0.00E+00	6.73E-08	2.88E-08	0.00E+00	0.00E+00	0.00E+00	2.88E-08
5395	462948.45	3773428.39	4.77E-07	0.00E+00	0.00E+00	0.00E+00	4.77E-07	7.30E-08	0.00E+00	0.00E+00	0.00E+00	7.30E-08	3.13E-08	0.00E+00	0.00E+00	0.00E+00	3.13E-08
5396	462957.78	3773428.39	5.16E-07	0.00E+00	0.00E+00	0.00E+00	5.16E-07	7.90E-08	0.00E+00	0.00E+00	0.00E+00	7.90E-08	3.39E-08	0.00E+00	0.00E+00	0.00E+00	3.39E-08
5397	462967.11	3773428.39	5.57E-07	0.00E+00	0.00E+00	0.00E+00	5.57E-07	8.53E-08	0.00E+00	0.00E+00	0.00E+00	8.53E-08	3.66E-08	0.00E+00	0.00E+00	0.00E+00	3.66E-08
5398	462976.44	3773428.39	6.00E-07	0.00E+00	0.00E+00	0.00E+00	6.00E-07	9.18E-08	0.00E+00	0.00E+00	0.00E+00	9.18E-08	3.94E-08	0.00E+00	0.00E+00	0.00E+00	3.94E-08
5399	462985.76	3773428.39	6.44E-07	0.00E+00	0.00E+00	0.00E+00	6.44E-07	9.86E-08	0.00E+00	0.00E+00	0.00E+00	9.86E-08	4.23E-08	0.00E+00	0.00E+00	0.00E+00	4.23E-08
5400	462995.09	3773428.39	6.89E-07	0.00E+00	0.00E+00	0.00E+00	6.89E-07	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07	4.52E-08	0.00E+00	0.00E+00	0.00E+00	4.52E-08
5401	463004.42	3773428.39	7.35E-07	0.00E+00	0.00E+00	0.00E+00	7.35E-07	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07	4.82E-08	0.00E+00	0.00E+00	0.00E+00	4.82E-08
5402	462929.8	3773448.39	3.38E-07	0.00E+00	0.00E+00	0.00E+00	3.38E-07	5.17E-08	0.00E+00	0.00E+00	0.00E+00	5.17E-08	2.22E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-08
5403	462939.13	3773448.39	3.64E-07	0.00E+00	0.00E+00	0.00E+00	3.64E-07	5.57E-08	0.00E+00	0.00E+00	0.00E+00	5.57E-08	2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08
5404	462948.45	3773448.39	3.92E-07	0.00E+00	0.00E+00	0.00E+00	3.92E-07	6.00E-08	0.00E+00	0.00E+00	0.00E+00	6.00E-08	2.57E-08	0.00E+00	0.00E+00	0.00E+00	2.57E-08
5405	462957.78	3773448.39	4.21E-07	0.00E+00	0.00E+00	0.00E+00	4.21E-07	6.45E-08	0.00E+00	0.00E+00	0.00E+00	6.45E-08	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08
5406	462967.11	3773448.39	4.52E-07	0.00E+00	0.00E+00	0.00E+00	4.52E-07	6.92E-08	0.00E+00	0.00E+00	0.00E+00	6.92E-08	2.97E-08	0.00E+00	0.00E+00	0.00E+00	2.97E-08
5407	462976.44	3773448.39	4.85E-07	0.00E+00	0.00E+00	0.00E+00	4.85E-07	7.42E-08	0.00E+00	0.00E+00	0.00E+00	7.42E-08	3.18E-08	0.00E+00	0.00E+00	0.00E+00	3.18E-08
5408	462985.76	3773448.39	5.18E-07	0.00E+00	0.00E+00	0.00E+00	5.18E-07	7.92E-08	0.00E+00	0.00E+00	0.00E+00	7.92E-08	3.40E-08	0.00E+00	0.00E+00	0.00E+00	3.40E-08
5409	462995.09	3773448.39	5.51E-07	0.00E+00	0.00E+00	0.00E+00	5.51E-07	8.44E-08	0.00E+00	0.00E+00	0.00E+00	8.44E-08	3.62E-08	0.00E+00	0.00E+00	0.00E+00	3.62E-08
5410	463004.42	3773448.39	5.85E-07	0.00E+00	0.00E+00	0.00E+00	5.85E-07	8.96E-08	0.00E+00	0.00E+00	0.00E+00	8.96E-08	3.84E-08	0.00E+00	0.00E+00	0.00E+00	3.84E-08
5411	462929.8	3773488.39	2.40E-07	0.00E+00	0.00E+00	0.00E+00	2.40E-07	3.68E-08	0.00E+00	0.00E+00	0.00E+00	3.68E-08	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08

5412	462939.13	3773488.39	2.57E-07	0.00E+00	0.00E+00	0.00E+00	2.57E-07	3.93E-08	0.00E+00	0.00E+00	0.00E+00	3.93E-08	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08
5413	462948.45	3773488.39	2.73E-07	0.00E+00	0.00E+00	0.00E+00	2.73E-07	4.18E-08	0.00E+00	0.00E+00	0.00E+00	4.18E-08	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08
5414	462957.78	3773488.39	2.91E-07	0.00E+00	0.00E+00	0.00E+00	2.91E-07	4.45E-08	0.00E+00	0.00E+00	0.00E+00	4.45E-08	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08
5415	462967.11	3773488.39	3.09E-07	0.00E+00	0.00E+00	0.00E+00	3.09E-07	4.73E-08	0.00E+00	0.00E+00	0.00E+00	4.73E-08	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08
5416	462976.44	3773488.39	3.28E-07	0.00E+00	0.00E+00	0.00E+00	3.28E-07	5.03E-08	0.00E+00	0.00E+00	0.00E+00	5.03E-08	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08
5417	462985.76	3773488.39	3.48E-07	0.00E+00	0.00E+00	0.00E+00	3.48E-07	5.33E-08	0.00E+00	0.00E+00	0.00E+00	5.33E-08	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08
5418	462995.09	3773488.39	3.68E-07	0.00E+00	0.00E+00	0.00E+00	3.68E-07	5.63E-08	0.00E+00	0.00E+00	0.00E+00	5.63E-08	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08
5419	462929.8	3773508.39	2.07E-07	0.00E+00	0.00E+00	0.00E+00	2.07E-07	3.17E-08	0.00E+00	0.00E+00	0.00E+00	3.17E-08	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08
5420	462939.13	3773508.39	2.20E-07	0.00E+00	0.00E+00	0.00E+00	2.20E-07	3.37E-08	0.00E+00	0.00E+00	0.00E+00	3.37E-08	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08
5421	462948.45	3773508.39	2.34E-07	0.00E+00	0.00E+00	0.00E+00	2.34E-07	3.58E-08	0.00E+00	0.00E+00	0.00E+00	3.58E-08	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08
5422	462957.78	3773508.39	2.48E-07	0.00E+00	0.00E+00	0.00E+00	2.48E-07	3.79E-08	0.00E+00	0.00E+00	0.00E+00	3.79E-08	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08
5423	462967.11	3773508.39	2.62E-07	0.00E+00	0.00E+00	0.00E+00	2.62E-07	4.02E-08	0.00E+00	0.00E+00	0.00E+00	4.02E-08	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08
5424	462976.44	3773508.39	2.78E-07	0.00E+00	0.00E+00	0.00E+00	2.78E-07	4.25E-08	0.00E+00	0.00E+00	0.00E+00	4.25E-08	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08
5425	462985.76	3773508.39	2.93E-07	0.00E+00	0.00E+00	0.00E+00	2.93E-07	4.49E-08	0.00E+00	0.00E+00	0.00E+00	4.49E-08	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08
5426	462995.09	3773508.39	3.09E-07	0.00E+00	0.00E+00	0.00E+00	3.09E-07	4.73E-08	0.00E+00	0.00E+00	0.00E+00	4.73E-08	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08
5427	462929.8	3773528.39	1.79E-07	0.00E+00	0.00E+00	0.00E+00	1.79E-07	2.75E-08	0.00E+00	0.00E+00	0.00E+00	2.75E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08
5428	462939.13	3773528.39	1.90E-07	0.00E+00	0.00E+00	0.00E+00	1.90E-07	2.91E-08	0.00E+00	0.00E+00	0.00E+00	2.91E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08
5429	462948.45	3773528.39	2.01E-07	0.00E+00	0.00E+00	0.00E+00	2.01E-07	3.07E-08	0.00E+00	0.00E+00	0.00E+00	3.07E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08
5430	462957.78	3773528.39	2.12E-07	0.00E+00	0.00E+00	0.00E+00	2.12E-07	3.24E-08	0.00E+00	0.00E+00	0.00E+00	3.24E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08
5431	462967.11	3773528.39	2.24E-07	0.00E+00	0.00E+00	0.00E+00	2.24E-07	3.42E-08	0.00E+00	0.00E+00	0.00E+00	3.42E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08
5432	462976.44	3773528.39	2.36E-07	0.00E+00	0.00E+00	0.00E+00	2.36E-07	3.61E-08	0.00E+00	0.00E+00	0.00E+00	3.61E-08	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08
5433	462985.76	3773528.39	2.48E-07	0.00E+00	0.00E+00	0.00E+00	2.48E-07	3.80E-08	0.00E+00	0.00E+00	0.00E+00	3.80E-08	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08
5434	462995.09	3773528.39	2.61E-07	0.00E+00	0.00E+00	0.00E+00	2.61E-07	3.99E-08	0.00E+00	0.00E+00	0.00E+00	3.99E-08	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08
5435	462929.8	3773548.39	1.57E-07	0.00E+00	0.00E+00	0.00E+00	1.57E-07	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
5436	462939.13	3773548.39	1.65E-07	0.00E+00	0.00E+00	0.00E+00	1.65E-07	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08
5437	462948.45	3773548.39	1.74E-07	0.00E+00	0.00E+00	0.00E+00	1.74E-07	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08
5438	462957.78	3773548.39	1.83E-07	0.00E+00	0.00E+00	0.00E+00	1.83E-07	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08
5439	462967.11	3773548.39	1.93E-07	0.00E+00	0.00E+00	0.00E+00	1.93E-07	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08
5440	462976.44	3773548.39	2.03E-07	0.00E+00	0.00E+00	0.00E+00	2.03E-07	3.11E-08	0.00E+00	0.00E+00	0.00E+00	3.11E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08
5441	462985.76	3773548.39	2.13E-07	0.00E+00	0.00E+00	0.00E+00	2.13E-07	3.27E-08	0.00E+00	0.00E+00	0.00E+00	3.27E-08	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08
5442	462995.09	3773548.39	2.24E-07	0.00E+00	0.00E+00	0.00E+00	2.24E-07	3.43E-08	0.00E+00	0.00E+00	0.00E+00	3.43E-08	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08
5443	462929.8	3773578.39	1.30E-07	0.00E+00	0.00E+00	0.00E+00	1.30E-07	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	8.53E-09	0.00E+00	0.00E+00	0.00E+00	8.53E-09
5444	462939.13	3773578.39	1.36E-07	0.00E+00	0.00E+00	0.00E+00	1.36E-07	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08	8.94E-09	0.00E+00	0.00E+00	0.00E+00	8.94E-09
5445	462948.45	3773578.39	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	9.39E-09	0.00E+00	0.00E+00	0.00E+00	9.39E-09
5446	462957.78	3773578.39	1.50E-07	0.00E+00	0.00E+00	0.00E+00	1.50E-07	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	9.86E-09	0.00E+00	0.00E+00	0.00E+00	9.86E-09
5447	462967.11	3773578.39	1.58E-07	0.00E+00	0.00E+00	0.00E+00	1.58E-07	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08
5448	462976.44	3773578.39	1.65E-07	0.00E+00	0.00E+00	0.00E+00	1.65E-07	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08
5449	462985.76	3773578.39	1.73E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-07	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08
5450	462995.09	3773578.39	1.81E-07	0.00E+00	0.00E+00	0.00E+00	1.81E-07	2.77E-08	0.00E+00	0.00E+00	0.00E+00	2.77E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08
5451	462929.8	3773608.39	1.10E-07	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	7.21E-09	0.00E+00	0.00E+00	0.00E+00	7.21E-09
5452	462939.13	3773608.39	1.15E-07	0.00E+00	0.00E+00	0.00E+00	1.15E-07	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	7.55E-09	0.00E+00	0.00E+00	0.00E+00	7.55E-09
5453	462948.45	3773608.39	1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	7.88E-09	0.00E+00	0.00E+00	0.00E+00	7.88E-09
5454	462957.78	3773608.39	1.25E-07	0.00E+00	0.00E+00	0.00E+00	1.25E-07	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08	8.23E-09	0.00E+00	0.00E+00	0.00E+00	8.23E-09
5455	462967.11	3773608.39	1.31E-07	0.00E+00	0.00E+00	0.00E+00	1.31E-07	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	8.60E-09	0.00E+00	0.00E+00	0.00E+00	8.60E-09
5456	462976.44	3773608.39	1.37E-07	0.00E+00	0.00E+00	0.00E+00	1.37E-07	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08	8.97E-09	0.00E+00	0.00E+00	0.00E+00	8.97E-09
5457	462985.76	3773608.39	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	9.36E-09	0.00E+00	0.00E+00	0.00E+00	9.36E-09
5458	462995.09	3773608.39	1.49E-07	0.00E+00	0.00E+00	0.00E+00	1.49E-07	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	9.75E-09	0.00E+00	0.00E+00	0.00E+00	9.75E-09
5459	462929.8	3773638.39	9.39E-08	0.00E+00	0.00E+00	0.00E+00	9.39E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	6.16E-09	0.00E+00	0.00E+00	0.00E+00	6.16E-09
5460	462939.13	3773638.39	9.79E-08	0.00E+00	0.00E+00	0.00E+00	9.79E-08	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	6.43E-09	0.00E+00	0.00E+00	0.00E+00	6.43E-09
5461	462948.45	3773638.39	1.02E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-07	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	6.69E-09	0.00E+00	0.00E+00	0.00E+00	6.69E-09
5462	462957.78	3773638.39	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	6.97E-09	0.00E+00	0.00E+00	0.00E+00	6.97E-09
5463	462967.11	3773638.39	1.11E-07	0.00E+00	0.00E+00	0.00E+00	1.11E-07	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	7.25E-09	0.00E+00	0.00E+00	0.00E+00	7.25E-09
5464	462976.44	3773638.39	1.15E-07	0.00E+00	0.00E+00	0.00E+00	1.15E-07	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	7.55E-09	0.00E+00	0.00E+00	0.00E+00	7.55E-09
5465	462985.76	3773638.39	1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	7.87E-09	0.00E+00	0.00E+00	0.00E+00	7.87E-09
5466	462995.09	3773638.39	1.25E-07	0.00E+00	0.00E+00	0.00E+00	1.25E-07	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	8.19E-09	0.00E+00	0.00E+00	0.00E+00	8.19E-09
5467	462929.8	3773668.39	8.12E-08	0.00E+00	0.00E+00	0.00E+00	8.12E-08	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	5.33E-09	0.00E+00	0.00E+00	0.00E+00	5.33E-09
5468	462939.13	3773668.39	8.43E-08	0.00E+00	0.00E+00	0.00E+00	8.43E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	5.53E-09	0.00E+00	0.00E+00	0.00E+00	5.53E-09

5469	462948.45	3773668.39	8.75E-08	0.00E+00	0.00E+00	0.00E+00	8.75E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	5.74E-09	0.00E+00	0.00E+00	0.00E+00	5.74E-09
5470	462957.78	3773668.39	9.09E-08	0.00E+00	0.00E+00	0.00E+00	9.09E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	5.96E-09	0.00E+00	0.00E+00	0.00E+00	5.96E-09
5471	462967.11	3773668.39	9.43E-08	0.00E+00	0.00E+00	0.00E+00	9.43E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	6.19E-09	0.00E+00	0.00E+00	0.00E+00	6.19E-09
5472	462976.44	3773668.39	9.80E-08	0.00E+00	0.00E+00	0.00E+00	9.80E-08	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	6.43E-09	0.00E+00	0.00E+00	0.00E+00	6.43E-09
5473	462985.76	3773668.39	1.02E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-07	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	6.68E-09	0.00E+00	0.00E+00	0.00E+00	6.68E-09
5474	462995.09	3773668.39	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	6.94E-09	0.00E+00	0.00E+00	0.00E+00	6.94E-09
5475	462929.8	3773698.39	7.09E-08	0.00E+00	0.00E+00	0.00E+00	7.09E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	4.65E-09	0.00E+00	0.00E+00	0.00E+00	4.65E-09
5476	462939.13	3773698.39	7.34E-08	0.00E+00	0.00E+00	0.00E+00	7.34E-08	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	4.82E-09	0.00E+00	0.00E+00	0.00E+00	4.82E-09
5477	462948.45	3773698.39	7.61E-08	0.00E+00	0.00E+00	0.00E+00	7.61E-08	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	5.00E-09	0.00E+00	0.00E+00	0.00E+00	5.00E-09
5478	462957.78	3773698.39	7.89E-08	0.00E+00	0.00E+00	0.00E+00	7.89E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	5.18E-09	0.00E+00	0.00E+00	0.00E+00	5.18E-09
5479	462967.11	3773698.39	8.18E-08	0.00E+00	0.00E+00	0.00E+00	8.18E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	5.37E-09	0.00E+00	0.00E+00	0.00E+00	5.37E-09
5480	462976.44	3773698.39	8.47E-08	0.00E+00	0.00E+00	0.00E+00	8.47E-08	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	5.56E-09	0.00E+00	0.00E+00	0.00E+00	5.56E-09
5481	462985.76	3773698.39	8.77E-08	0.00E+00	0.00E+00	0.00E+00	8.77E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	5.76E-09	0.00E+00	0.00E+00	0.00E+00	5.76E-09
5482	462995.09	3773698.39	9.08E-08	0.00E+00	0.00E+00	0.00E+00	9.08E-08	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	5.96E-09	0.00E+00	0.00E+00	0.00E+00	5.96E-09
5483	462929.8	3773728.39	6.24E-08	0.00E+00	0.00E+00	0.00E+00	6.24E-08	9.55E-09	0.00E+00	0.00E+00	0.00E+00	9.55E-09	4.09E-09	0.00E+00	0.00E+00	0.00E+00	4.09E-09
5484	462939.13	3773728.39	6.45E-08	0.00E+00	0.00E+00	0.00E+00	6.45E-08	9.87E-09	0.00E+00	0.00E+00	0.00E+00	9.87E-09	4.23E-09	0.00E+00	0.00E+00	0.00E+00	4.23E-09
5485	462948.45	3773728.39	6.67E-08	0.00E+00	0.00E+00	0.00E+00	6.67E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	4.38E-09	0.00E+00	0.00E+00	0.00E+00	4.38E-09
5486	462957.78	3773728.39	6.91E-08	0.00E+00	0.00E+00	0.00E+00	6.91E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	4.53E-09	0.00E+00	0.00E+00	0.00E+00	4.53E-09
5487	462967.11	3773728.39	7.15E-08	0.00E+00	0.00E+00	0.00E+00	7.15E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	4.69E-09	0.00E+00	0.00E+00	0.00E+00	4.69E-09
5488	462976.44	3773728.39	7.39E-08	0.00E+00	0.00E+00	0.00E+00	7.39E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	4.85E-09	0.00E+00	0.00E+00	0.00E+00	4.85E-09
5489	462985.76	3773728.39	7.63E-08	0.00E+00	0.00E+00	0.00E+00	7.63E-08	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	5.01E-09	0.00E+00	0.00E+00	0.00E+00	5.01E-09
5490	462995.09	3773728.39	7.88E-08	0.00E+00	0.00E+00	0.00E+00	7.88E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	5.17E-09	0.00E+00	0.00E+00	0.00E+00	5.17E-09
5491	463004.42	3773728.39	8.14E-08	0.00E+00	0.00E+00	0.00E+00	8.14E-08	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	5.34E-09	0.00E+00	0.00E+00	0.00E+00	5.34E-09
5492	462929.8	3773758.39	5.55E-08	0.00E+00	0.00E+00	0.00E+00	5.55E-08	8.49E-09	0.00E+00	0.00E+00	0.00E+00	8.49E-09	3.64E-09	0.00E+00	0.00E+00	0.00E+00	3.64E-09
5493	462939.13	3773758.39	5.72E-08	0.00E+00	0.00E+00	0.00E+00	5.72E-08	8.76E-09	0.00E+00	0.00E+00	0.00E+00	8.76E-09	3.75E-09	0.00E+00	0.00E+00	0.00E+00	3.75E-09
5494	462948.45	3773758.39	5.91E-08	0.00E+00	0.00E+00	0.00E+00	5.91E-08	9.04E-09	0.00E+00	0.00E+00	0.00E+00	9.04E-09	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09
5495	462957.78	3773758.39	6.10E-08	0.00E+00	0.00E+00	0.00E+00	6.10E-08	9.33E-09	0.00E+00	0.00E+00	0.00E+00	9.33E-09	4.00E-09	0.00E+00	0.00E+00	0.00E+00	4.00E-09
5496	462967.11	3773758.39	6.30E-08	0.00E+00	0.00E+00	0.00E+00	6.30E-08	9.64E-09	0.00E+00	0.00E+00	0.00E+00	9.64E-09	4.13E-09	0.00E+00	0.00E+00	0.00E+00	4.13E-09
5497	462976.44	3773758.39	6.49E-08	0.00E+00	0.00E+00	0.00E+00	6.49E-08	9.94E-09	0.00E+00	0.00E+00	0.00E+00	9.94E-09	4.26E-09	0.00E+00	0.00E+00	0.00E+00	4.26E-09
5498	462985.76	3773758.39	6.70E-08	0.00E+00	0.00E+00	0.00E+00	6.70E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	4.40E-09	0.00E+00	0.00E+00	0.00E+00	4.40E-09
5499	462995.09	3773758.39	6.90E-08	0.00E+00	0.00E+00	0.00E+00	6.90E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	4.53E-09	0.00E+00	0.00E+00	0.00E+00	4.53E-09
5500	463004.42	3773758.39	7.12E-08	0.00E+00	0.00E+00	0.00E+00	7.12E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	4.67E-09	0.00E+00	0.00E+00	0.00E+00	4.67E-09
5501	462929.8	3773788.39	4.96E-08	0.00E+00	0.00E+00	0.00E+00	4.96E-08	7.60E-09	0.00E+00	0.00E+00	0.00E+00	7.60E-09	3.26E-09	0.00E+00	0.00E+00	0.00E+00	3.26E-09
5502	462939.13	3773788.39	5.11E-08	0.00E+00	0.00E+00	0.00E+00	5.11E-08	7.82E-09	0.00E+00	0.00E+00	0.00E+00	7.82E-09	3.35E-09	0.00E+00	0.00E+00	0.00E+00	3.35E-09
5503	462948.45	3773788.39	5.27E-08	0.00E+00	0.00E+00	0.00E+00	5.27E-08	8.06E-09	0.00E+00	0.00E+00	0.00E+00	8.06E-09	3.46E-09	0.00E+00	0.00E+00	0.00E+00	3.46E-09
5504	462957.78	3773788.39	5.43E-08	0.00E+00	0.00E+00	0.00E+00	5.43E-08	8.31E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-09	3.56E-09	0.00E+00	0.00E+00	0.00E+00	3.56E-09
5505	462967.11	3773788.39	5.60E-08	0.00E+00	0.00E+00	0.00E+00	5.60E-08	8.57E-09	0.00E+00	0.00E+00	0.00E+00	8.57E-09	3.67E-09	0.00E+00	0.00E+00	0.00E+00	3.67E-09
5506	462976.44	3773788.39	5.77E-08	0.00E+00	0.00E+00	0.00E+00	5.77E-08	8.83E-09	0.00E+00	0.00E+00	0.00E+00	8.83E-09	3.78E-09	0.00E+00	0.00E+00	0.00E+00	3.78E-09
5507	462985.76	3773788.39	5.94E-08	0.00E+00	0.00E+00	0.00E+00	5.94E-08	9.09E-09	0.00E+00	0.00E+00	0.00E+00	9.09E-09	3.90E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-09
5508	462995.09	3773788.39	6.11E-08	0.00E+00	0.00E+00	0.00E+00	6.11E-08	9.35E-09	0.00E+00	0.00E+00	0.00E+00	9.35E-09	4.01E-09	0.00E+00	0.00E+00	0.00E+00	4.01E-09
5509	462929.8	3773818.39	4.47E-08	0.00E+00	0.00E+00	0.00E+00	4.47E-08	6.85E-09	0.00E+00	0.00E+00	0.00E+00	6.85E-09	2.94E-09	0.00E+00	0.00E+00	0.00E+00	2.94E-09
5510	462939.13	3773818.39	4.60E-08	0.00E+00	0.00E+00	0.00E+00	4.60E-08	7.04E-09	0.00E+00	0.00E+00	0.00E+00	7.04E-09	3.02E-09	0.00E+00	0.00E+00	0.00E+00	3.02E-09
5511	462948.45	3773818.39	4.73E-08	0.00E+00	0.00E+00	0.00E+00	4.73E-08	7.25E-09	0.00E+00	0.00E+00	0.00E+00	7.25E-09	3.11E-09	0.00E+00	0.00E+00	0.00E+00	3.11E-09
5512	462957.78	3773818.39	4.87E-08	0.00E+00	0.00E+00	0.00E+00	4.87E-08	7.45E-09	0.00E+00	0.00E+00	0.00E+00	7.45E-09	3.20E-09	0.00E+00	0.00E+00	0.00E+00	3.20E-09
5513	462967.11	3773818.39	5.01E-08	0.00E+00	0.00E+00	0.00E+00	5.01E-08	7.67E-09	0.00E+00	0.00E+00	0.00E+00	7.67E-09	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09
5514	462976.44	3773818.39	5.15E-08	0.00E+00	0.00E+00	0.00E+00	5.15E-08	7.89E-09	0.00E+00	0.00E+00	0.00E+00	7.89E-09	3.38E-09	0.00E+00	0.00E+00	0.00E+00	3.38E-09
5515	462985.76	3773818.39	5.30E-08	0.00E+00	0.00E+00	0.00E+00	5.30E-08	8.11E-09	0.00E+00	0.00E+00	0.00E+00	8.11E-09	3.48E-09	0.00E+00	0.00E+00	0.00E+00	3.48E-09
5516	462995.09	3773818.39	5.44E-08	0.00E+00	0.00E+00	0.00E+00	5.44E-08	8.33E-09	0.00E+00	0.00E+00	0.00E+00	8.33E-09	3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09
5517	462929.8	3773848.39	4.06E-08	0.00E+00	0.00E+00	0.00E+00	4.06E-08	6.21E-09	0.00E+00	0.00E+00	0.00E+00	6.21E-09	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09
5518	462939.13	3773848.39	4.16E-08	0.00E+00	0.00E+00	0.00E+00	4.16E-08	6.37E-09	0.00E+00	0.00E+00	0.00E+00	6.37E-09	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09
5519	462948.45	3773848.39	4.28E-08	0.00E+00	0.00E+00	0.00E+00	4.28E-08	6.55E-09	0.00E+00	0.00E+00	0.00E+00	6.55E-09	2.81E-09	0.00E+00	0.00E+00	0.00E+00	2.81E-09
5520	462957.78	3773848.39	4.40E-08	0.00E+00	0.00E+00	0.00E+00	4.40E-08	6.73E-09	0.00E+00	0.00E+00	0.00E+00	6.73E-09	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09
5521	462967.11	3773848.39	4.52E-08	0.00E+00	0.00E+00	0.00E+00	4.52E-08	6.92E-09	0.00E+00	0.00E+00	0.00E+00	6.92E-09	2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09
5522	462976.44	3773848.39	4.64E-08	0.00E+00	0.00E+00	0.00E+00	4.64E-08	7.11E-09	0.00E+00	0.00E+00	0.00E+00	7.11E-09	3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.05E-09
5523	462985.76	3773848.39	4.77E-08	0.00E+00	0.00E+00	0.00E+00	4.77E-08	7.29E-09	0.00E+00	0.00E+00	0.00E+00	7.29E-09	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09
5524	462995.09	3773848.39	4.89E-08	0.00E+00	0.00E+00	0.00E+00	4.89E-08	7.49E-09	0.00E+00	0.00E+00	0.00E+00	7.49E-09	3.21E-09	0.00E+00	0.00E+00	0.00E+00	3.21E-09
5525	463004.42	3773848.39	5.02E-08	0.00E+00	0.00E+00	0.00E+00	5.02E-08	7.68E-09	0.00E+00	0.00E+00	0.00E+00	7.68E-09	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09

5526	462929.8	3773888.39	3.59E-08	0.00E+00	0.00E+00	0.00E+00	3.59E-08	5.50E-09	0.00E+00	0.00E+00	0.00E+00	5.50E-09	2.36E-09	0.00E+00	0.00E+00	0.00E+00	2.36E-09
5527	462939.13	3773888.39	3.68E-08	0.00E+00	0.00E+00	0.00E+00	3.68E-08	5.63E-09	0.00E+00	0.00E+00	0.00E+00	5.63E-09	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09
5528	462948.45	3773888.39	3.78E-08	0.00E+00	0.00E+00	0.00E+00	3.78E-08	5.78E-09	0.00E+00	0.00E+00	0.00E+00	5.78E-09	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09
5529	462957.78	3773888.39	3.88E-08	0.00E+00	0.00E+00	0.00E+00	3.88E-08	5.93E-09	0.00E+00	0.00E+00	0.00E+00	5.93E-09	2.54E-09	0.00E+00	0.00E+00	0.00E+00	2.54E-09
5530	462967.11	3773888.39	3.98E-08	0.00E+00	0.00E+00	0.00E+00	3.98E-08	6.09E-09	0.00E+00	0.00E+00	0.00E+00	6.09E-09	2.61E-09	0.00E+00	0.00E+00	0.00E+00	2.61E-09
5531	462976.44	3773888.39	4.08E-08	0.00E+00	0.00E+00	0.00E+00	4.08E-08	6.24E-09	0.00E+00	0.00E+00	0.00E+00	6.24E-09	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09
5532	462985.76	3773888.39	4.18E-08	0.00E+00	0.00E+00	0.00E+00	4.18E-08	6.40E-09	0.00E+00	0.00E+00	0.00E+00	6.40E-09	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09
5533	462995.09	3773888.39	4.28E-08	0.00E+00	0.00E+00	0.00E+00	4.28E-08	6.55E-09	0.00E+00	0.00E+00	0.00E+00	6.55E-09	2.81E-09	0.00E+00	0.00E+00	0.00E+00	2.81E-09
5534	462929.8	3773928.39	3.22E-08	0.00E+00	0.00E+00	0.00E+00	3.22E-08	4.92E-09	0.00E+00	0.00E+00	0.00E+00	4.92E-09	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09
5535	462939.13	3773928.39	3.29E-08	0.00E+00	0.00E+00	0.00E+00	3.29E-08	5.04E-09	0.00E+00	0.00E+00	0.00E+00	5.04E-09	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-09
5536	462948.45	3773928.39	3.37E-08	0.00E+00	0.00E+00	0.00E+00	3.37E-08	5.15E-09	0.00E+00	0.00E+00	0.00E+00	5.15E-09	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09
5537	462957.78	3773928.39	3.45E-08	0.00E+00	0.00E+00	0.00E+00	3.45E-08	5.28E-09	0.00E+00	0.00E+00	0.00E+00	5.28E-09	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09
5538	462967.11	3773928.39	3.53E-08	0.00E+00	0.00E+00	0.00E+00	3.53E-08	5.40E-09	0.00E+00	0.00E+00	0.00E+00	5.40E-09	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09
5539	462976.44	3773928.39	3.61E-08	0.00E+00	0.00E+00	0.00E+00	3.61E-08	5.53E-09	0.00E+00	0.00E+00	0.00E+00	5.53E-09	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09
5540	462985.76	3773928.39	3.70E-08	0.00E+00	0.00E+00	0.00E+00	3.70E-08	5.66E-09	0.00E+00	0.00E+00	0.00E+00	5.66E-09	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09
5541	462995.09	3773928.39	3.78E-08	0.00E+00	0.00E+00	0.00E+00	3.78E-08	5.79E-09	0.00E+00	0.00E+00	0.00E+00	5.79E-09	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09
5542	462929.8	3773968.39	2.89E-08	0.00E+00	0.00E+00	0.00E+00	2.89E-08	4.43E-09	0.00E+00	0.00E+00	0.00E+00	4.43E-09	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09
5543	462939.13	3773968.39	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08	4.53E-09	0.00E+00	0.00E+00	0.00E+00	4.53E-09	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09
5544	462948.45	3773968.39	3.02E-08	0.00E+00	0.00E+00	0.00E+00	3.02E-08	4.63E-09	0.00E+00	0.00E+00	0.00E+00	4.63E-09	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09
5545	462957.78	3773968.39	3.09E-08	0.00E+00	0.00E+00	0.00E+00	3.09E-08	4.74E-09	0.00E+00	0.00E+00	0.00E+00	4.74E-09	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09
5546	462967.11	3773968.39	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	4.84E-09	0.00E+00	0.00E+00	0.00E+00	4.84E-09	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09
5547	462976.44	3773968.39	3.23E-08	0.00E+00	0.00E+00	0.00E+00	3.23E-08	4.95E-09	0.00E+00	0.00E+00	0.00E+00	4.95E-09	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09
5548	462985.76	3773968.39	3.31E-08	0.00E+00	0.00E+00	0.00E+00	3.31E-08	5.06E-09	0.00E+00	0.00E+00	0.00E+00	5.06E-09	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09
5549	462995.09	3773968.39	3.38E-08	0.00E+00	0.00E+00	0.00E+00	3.38E-08	5.17E-09	0.00E+00	0.00E+00	0.00E+00	5.17E-09	2.22E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-09
5550	463004.42	3773968.39	3.45E-08	0.00E+00	0.00E+00	0.00E+00	3.45E-08	5.29E-09	0.00E+00	0.00E+00	0.00E+00	5.29E-09	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09
5551	462929.8	3774008.39	2.63E-08	0.00E+00	0.00E+00	0.00E+00	2.63E-08	4.03E-09	0.00E+00	0.00E+00	0.00E+00	4.03E-09	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09
5552	462939.13	3774008.39	2.69E-08	0.00E+00	0.00E+00	0.00E+00	2.69E-08	4.11E-09	0.00E+00	0.00E+00	0.00E+00	4.11E-09	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09
5553	462948.45	3774008.39	2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08	4.20E-09	0.00E+00	0.00E+00	0.00E+00	4.20E-09	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09
5554	462957.78	3774008.39	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	4.29E-09	0.00E+00	0.00E+00	0.00E+00	4.29E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
5555	462967.11	3774008.39	2.86E-08	0.00E+00	0.00E+00	0.00E+00	2.86E-08	4.38E-09	0.00E+00	0.00E+00	0.00E+00	4.38E-09	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09
5556	462976.44	3774008.39	2.92E-08	0.00E+00	0.00E+00	0.00E+00	2.92E-08	4.47E-09	0.00E+00	0.00E+00	0.00E+00	4.47E-09	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09
5557	462985.76	3774008.39	2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08	4.56E-09	0.00E+00	0.00E+00	0.00E+00	4.56E-09	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09
5558	462995.09	3774008.39	3.04E-08	0.00E+00	0.00E+00	0.00E+00	3.04E-08	4.66E-09	0.00E+00	0.00E+00	0.00E+00	4.66E-09	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09
5559	463004.42	3774008.39	3.10E-08	0.00E+00	0.00E+00	0.00E+00	3.10E-08	4.75E-09	0.00E+00	0.00E+00	0.00E+00	4.75E-09	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09
5560	462929.8	3774168.39	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	2.90E-09	0.00E+00	0.00E+00	0.00E+00	2.90E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
5561	462939.13	3774168.39	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
5562	462948.45	3774168.39	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	3.00E-09	0.00E+00	0.00E+00	0.00E+00	3.00E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
5563	462957.78	3774168.39	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.05E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09
5564	462967.11	3774168.39	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
5565	462976.44	3774168.39	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	3.16E-09	0.00E+00	0.00E+00	0.00E+00	3.16E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09
5566	462985.76	3774168.39	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.21E-09	0.00E+00	0.00E+00	0.00E+00	3.21E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
5567	462995.09	3774168.39	2.14E-08	0.00E+00	0.00E+00	0.00E+00	2.14E-08	3.27E-09	0.00E+00	0.00E+00	0.00E+00	3.27E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
5568	462929.8	3774208.39	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	2.71E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
5569	462939.13	3774208.39	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08	2.75E-09	0.00E+00	0.00E+00	0.00E+00	2.75E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09
5570	462948.45	3774208.39	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	2.80E-09	0.00E+00	0.00E+00	0.00E+00	2.80E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
5571	462957.78	3774208.39	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	2.84E-09	0.00E+00	0.00E+00	0.00E+00	2.84E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
5572	462967.11	3774208.39	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
5573	462976.44	3774208.39	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08	2.93E-09	0.00E+00	0.00E+00	0.00E+00	2.93E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
5574	462985.76	3774208.39	1.95E-08	0.00E+00	0.00E+00	0.00E+00	1.95E-08	2.98E-09	0.00E+00	0.00E+00	0.00E+00	2.98E-09	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09
5575	462995.09	3774208.39	1.98E-08	0.00E+00	0.00E+00	0.00E+00	1.98E-08	3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.03E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09
5576	462929.8	3774248.39	1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08	2.54E-09	0.00E+00	0.00E+00	0.00E+00	2.54E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
5577	462939.13	3774248.39	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
5578	462948.45	3774248.39	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	2.62E-09	0.00E+00	0.00E+00	0.00E+00	2.62E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
5579	462957.78	3774248.39	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
5580	462967.11	3774248.39	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	2.70E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
5581	462976.44	3774248.39	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
5582	462985.76	3774248.39	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	2.78E-09	0.00E+00	0.00E+00	0.00E+00	2.78E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09

5583	462995.09	3774248.39	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08		2.83E-09	0.00E+00	0.00E+00	0.00E+00	2.83E-09		1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
5584	463004.42	3774248.39	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08		2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09		1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09

			T2			5321		T2L3				T4F			
			5317	463004.42	3773288.39										
			1.33E-02	0.00E+00	0.00E+00	0.00E+00		2.04E-03	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00
			Yr 1	Yr 2	Yr 3	Yr 4		Yr 1	Yr 2	Yr 3	Yr 4	Yr 1	Yr 2	Yr 3	Yr 4
1	463037.24	3773493.36	5.85E-04	0.00E+00	0.00E+00	0.00E+00		8.95E-05	0.00E+00	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	0.00E+00
2	463090.56	3773488.92	7.46E-04	0.00E+00	0.00E+00	0.00E+00		1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-05	0.00E+00	0.00E+00	0.00E+00
3	463077.31	3773495	6.75E-04	0.00E+00	0.00E+00	0.00E+00		1.03E-04	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00
4	463064.06	3773501.07	6.08E-04	0.00E+00	0.00E+00	0.00E+00		9.30E-05	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00
5	463050.81	3773507.14	5.45E-04	0.00E+00	0.00E+00	0.00E+00		8.34E-05	0.00E+00	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	0.00E+00
6	463037.55	3773513.21	4.86E-04	0.00E+00	0.00E+00	0.00E+00		7.45E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00
7	463134.25	3773488.91	8.18E-04	0.00E+00	0.00E+00	0.00E+00		1.25E-04	0.00E+00	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	0.00E+00
8	463121.26	3773494.86	7.58E-04	0.00E+00	0.00E+00	0.00E+00		1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00
9	463108.28	3773500.81	6.98E-04	0.00E+00	0.00E+00	0.00E+00		1.07E-04	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00
10	463095.3	3773506.76	6.39E-04	0.00E+00	0.00E+00	0.00E+00		9.78E-05	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00
11	463082.32	3773512.7	5.83E-04	0.00E+00	0.00E+00	0.00E+00		8.92E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	0.00E+00
12	463069.33	3773518.65	5.29E-04	0.00E+00	0.00E+00	0.00E+00		8.10E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00
13	463056.35	3773524.6	4.79E-04	0.00E+00	0.00E+00	0.00E+00		7.33E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00
14	463043.37	3773530.55	4.30E-04	0.00E+00	0.00E+00	0.00E+00		6.58E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00
15	463195.14	3773491.01	8.30E-04	0.00E+00	0.00E+00	0.00E+00		1.27E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05	0.00E+00	0.00E+00	0.00E+00
16	463181.99	3773497.04	7.92E-04	0.00E+00	0.00E+00	0.00E+00		1.21E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	0.00E+00
17	463168.84	3773503.06	7.49E-04	0.00E+00	0.00E+00	0.00E+00		1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.92E-05	0.00E+00	0.00E+00	0.00E+00
18	463155.68	3773509.09	7.05E-04	0.00E+00	0.00E+00	0.00E+00		1.08E-04	0.00E+00	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	0.00E+00
19	463142.53	3773515.12	6.59E-04	0.00E+00	0.00E+00	0.00E+00		1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00
20	463129.38	3773521.14	6.13E-04	0.00E+00	0.00E+00	0.00E+00		9.39E-05	0.00E+00	0.00E+00	0.00E+00	4.02E-05	0.00E+00	0.00E+00	0.00E+00
21	463116.22	3773527.17	5.67E-04	0.00E+00	0.00E+00	0.00E+00		8.68E-05	0.00E+00	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00
22	463103.07	3773533.19	5.22E-04	0.00E+00	0.00E+00	0.00E+00		7.99E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00
23	463089.92	3773539.22	4.77E-04	0.00E+00	0.00E+00	0.00E+00		7.31E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00
24	463076.76	3773545.25	4.35E-04	0.00E+00	0.00E+00	0.00E+00		6.66E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00
25	463063.61	3773551.27	3.95E-04	0.00E+00	0.00E+00	0.00E+00		6.04E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00
26	463050.46	3773557.3	3.57E-04	0.00E+00	0.00E+00	0.00E+00		5.47E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00
27	463037.3	3773563.32	3.23E-04	0.00E+00	0.00E+00	0.00E+00		4.94E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00
28	463257.58	3773492.41	7.80E-04	0.00E+00	0.00E+00	0.00E+00		1.19E-04	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00
29	463244.6	3773498.36	7.65E-04	0.00E+00	0.00E+00	0.00E+00		1.17E-04	0.00E+00	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	0.00E+00
30	463231.61	3773504.3	7.44E-04	0.00E+00	0.00E+00	0.00E+00		1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	0.00E+00
31	463218.63	3773510.25	7.16E-04	0.00E+00	0.00E+00	0.00E+00		1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	0.00E+00
32	463205.65	3773516.2	6.87E-04	0.00E+00	0.00E+00	0.00E+00		1.05E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	0.00E+00
33	463192.67	3773522.15	6.56E-04	0.00E+00	0.00E+00	0.00E+00		1.00E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-05	0.00E+00	0.00E+00	0.00E+00
34	463179.68	3773528.1	6.23E-04	0.00E+00	0.00E+00	0.00E+00		9.53E-05	0.00E+00	0.00E+00	0.00E+00	4.09E-05	0.00E+00	0.00E+00	0.00E+00
35	463166.7	3773534.04	5.88E-04	0.00E+00	0.00E+00	0.00E+00		9.00E-05	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00
36	463153.72	3773539.99	5.51E-04	0.00E+00	0.00E+00	0.00E+00		8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	0.00E+00
37	463140.74	3773545.94	5.14E-04	0.00E+00	0.00E+00	0.00E+00		7.86E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	0.00E+00
38	463127.75	3773551.89	4.76E-04	0.00E+00	0.00E+00	0.00E+00		7.29E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00
39	463114.77	3773557.83	4.40E-04	0.00E+00	0.00E+00	0.00E+00		6.74E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00
40	463101.79	3773563.78	4.05E-04	0.00E+00	0.00E+00	0.00E+00		6.20E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00
41	463088.81	3773569.73	3.72E-04	0.00E+00	0.00E+00	0.00E+00		5.70E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00
42	463075.82	3773575.68	3.41E-04	0.00E+00	0.00E+00	0.00E+00		5.23E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00
43	463062.84	3773581.63	3.13E-04	0.00E+00	0.00E+00	0.00E+00		4.78E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00
44	463049.86	3773587.57	2.86E-04	0.00E+00	0.00E+00	0.00E+00		4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00

45	463036.88	3773593.52	2.61E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00
46	463293.21	3773506.09	6.83E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00
47	463280.08	3773512.1	6.73E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00
48	463266.96	3773518.11	6.60E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00
49	463253.83	3773524.13	6.43E-04	0.00E+00	0.00E+00	0.00E+00	9.84E-05	0.00E+00	0.00E+00	0.00E+00	4.22E-05	0.00E+00	0.00E+00	0.00E+00
50	463240.7	3773530.14	6.23E-04	0.00E+00	0.00E+00	0.00E+00	9.53E-05	0.00E+00	0.00E+00	0.00E+00	4.09E-05	0.00E+00	0.00E+00	0.00E+00
51	463227.58	3773536.15	5.99E-04	0.00E+00	0.00E+00	0.00E+00	9.18E-05	0.00E+00	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00
52	463214.45	3773542.17	5.75E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-05	0.00E+00	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	0.00E+00
53	463201.32	3773548.18	5.48E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05	0.00E+00	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	0.00E+00
54	463188.2	3773554.2	5.20E-04	0.00E+00	0.00E+00	0.00E+00	7.96E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	0.00E+00
55	463175.07	3773560.21	4.90E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	0.00E+00
56	463161.94	3773566.22	4.58E-04	0.00E+00	0.00E+00	0.00E+00	7.01E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	0.00E+00
57	463148.81	3773572.24	4.27E-04	0.00E+00	0.00E+00	0.00E+00	6.53E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00
58	463135.69	3773578.25	3.97E-04	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00
59	463122.56	3773584.27	3.69E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00
60	463109.43	3773590.28	3.41E-04	0.00E+00	0.00E+00	0.00E+00	5.23E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00
61	463096.31	3773596.29	3.15E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00
62	463083.18	3773602.31	2.90E-04	0.00E+00	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00
63	463070.05	3773608.32	2.66E-04	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00
64	463056.93	3773614.33	2.44E-04	0.00E+00	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00
65	463043.8	3773620.35	2.23E-04	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00
66	463304.53	3773497.56	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	0.00E+00
67	463315.87	3773525.71	5.94E-04	0.00E+00	0.00E+00	0.00E+00	9.09E-05	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00
68	463302.61	3773531.78	5.85E-04	0.00E+00	0.00E+00	0.00E+00	8.95E-05	0.00E+00	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	0.00E+00
69	463289.36	3773537.85	5.74E-04	0.00E+00	0.00E+00	0.00E+00	8.78E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	0.00E+00
70	463276.11	3773543.92	5.61E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00
71	463262.85	3773549.99	5.45E-04	0.00E+00	0.00E+00	0.00E+00	8.35E-05	0.00E+00	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00
72	463249.6	3773556.06	5.27E-04	0.00E+00	0.00E+00	0.00E+00	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00
73	463236.35	3773562.14	5.07E-04	0.00E+00	0.00E+00	0.00E+00	7.77E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00
74	463223.1	3773568.21	4.85E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00
75	463209.84	3773574.28	4.61E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00
76	463196.59	3773580.35	4.37E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00
77	463183.34	3773586.42	4.11E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00
78	463170.08	3773592.49	3.86E-04	0.00E+00	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00
79	463156.83	3773598.57	3.61E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00
80	463143.58	3773604.64	3.37E-04	0.00E+00	0.00E+00	0.00E+00	5.16E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00
81	463130.32	3773610.71	3.14E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00
82	463117.07	3773616.78	2.91E-04	0.00E+00	0.00E+00	0.00E+00	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00
83	463103.82	3773622.85	2.69E-04	0.00E+00	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00
84	463090.56	3773628.92	2.48E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00
85	463077.31	3773635	2.29E-04	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00
86	463064.06	3773641.07	2.11E-04	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
87	463050.81	3773647.14	1.94E-04	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
88	463037.55	3773653.21	1.79E-04	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
89	463327.25	3773517.15	6.08E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00
90	463338.66	3773545.26	5.22E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00
91	463325.55	3773551.27	5.15E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00
92	463312.44	3773557.27	5.06E-04	0.00E+00	0.00E+00	0.00E+00	7.75E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	0.00E+00

93	463299.34	3773563.28	4.95E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00
94	463286.23	3773569.28	4.83E-04	0.00E+00	0.00E+00	0.00E+00	7.39E-05	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00
95	463273.12	3773575.29	4.68E-04	0.00E+00	0.00E+00	0.00E+00	7.16E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	0.00E+00
96	463260.01	3773581.29	4.51E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00
97	463246.91	3773587.3	4.33E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	0.00E+00
98	463233.8	3773593.3	4.14E-04	0.00E+00	0.00E+00	0.00E+00	6.34E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00
99	463220.69	3773599.31	3.95E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00
100	463207.58	3773605.31	3.75E-04	0.00E+00	0.00E+00	0.00E+00	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00
101	463194.48	3773611.32	3.55E-04	0.00E+00	0.00E+00	0.00E+00	5.43E-05	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00
102	463181.37	3773617.32	3.34E-04	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00
103	463168.26	3773623.33	3.14E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00
104	463155.16	3773629.33	2.95E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00
105	463142.05	3773635.34	2.75E-04	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00
106	463128.94	3773641.34	2.56E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00
107	463115.83	3773647.35	2.38E-04	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00
108	463102.73	3773653.35	2.21E-04	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00
109	463089.62	3773659.36	2.05E-04	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
110	463076.51	3773665.36	1.90E-04	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00
111	463063.4	3773671.37	1.76E-04	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
112	463050.3	3773677.37	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
113	463037.19	3773683.38	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	9.88E-06	0.00E+00	0.00E+00	0.00E+00
114	463349.97	3773536.74	5.34E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00
115	463361.32	3773564.88	4.61E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00
116	463348.1	3773570.94	4.55E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00
117	463334.89	3773576.99	4.48E-04	0.00E+00	0.00E+00	0.00E+00	6.85E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00
118	463321.67	3773583.05	4.38E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00
119	463308.45	3773589.1	4.28E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00
120	463295.23	3773595.16	4.15E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00
121	463282.01	3773601.22	4.02E-04	0.00E+00	0.00E+00	0.00E+00	6.15E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00
122	463268.79	3773607.27	3.88E-04	0.00E+00	0.00E+00	0.00E+00	5.93E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00
123	463255.57	3773613.33	3.72E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00
124	463242.36	3773619.38	3.56E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00
125	463229.14	3773625.44	3.40E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00
126	463215.92	3773631.5	3.22E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00
127	463202.7	3773637.55	3.05E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00
128	463189.48	3773643.61	2.87E-04	0.00E+00	0.00E+00	0.00E+00	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00
129	463176.26	3773649.66	2.70E-04	0.00E+00	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00
130	463163.04	3773655.72	2.53E-04	0.00E+00	0.00E+00	0.00E+00	3.88E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00
131	463149.82	3773661.78	2.37E-04	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00
132	463136.61	3773667.83	2.22E-04	0.00E+00	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00
133	463123.39	3773673.89	2.08E-04	0.00E+00	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
134	463110.17	3773679.94	1.94E-04	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
135	463096.95	3773686	1.81E-04	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00
136	463083.73	3773692.05	1.68E-04	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00
137	463070.51	3773698.11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
138	463057.29	3773704.17	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	9.48E-06	0.00E+00	0.00E+00	0.00E+00
139	463044.08	3773710.22	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	8.81E-06	0.00E+00	0.00E+00	0.00E+00
140	463372.69	3773556.33	4.71E-04	0.00E+00	0.00E+00	0.00E+00	7.22E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00

141	463384.11	3773584.44	4.11E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00
142	463371.01	3773590.44	4.07E-04	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00
143	463357.92	3773596.44	4.01E-04	0.00E+00	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00
144	463344.83	3773602.44	3.92E-04	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00
145	463331.73	3773608.44	3.83E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00
146	463318.64	3773614.43	3.74E-04	0.00E+00	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00
147	463305.55	3773620.43	3.63E-04	0.00E+00	0.00E+00	0.00E+00	5.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00
148	463292.46	3773626.43	3.51E-04	0.00E+00	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00
149	463279.36	3773632.43	3.38E-04	0.00E+00	0.00E+00	0.00E+00	5.17E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00
150	463266.27	3773638.43	3.24E-04	0.00E+00	0.00E+00	0.00E+00	4.96E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00
151	463253.18	3773644.43	3.10E-04	0.00E+00	0.00E+00	0.00E+00	4.75E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00
152	463240.09	3773650.42	2.96E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00
153	463226.99	3773656.42	2.81E-04	0.00E+00	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00
154	463213.9	3773662.42	2.67E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00
155	463200.81	3773668.42	2.53E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00
156	463187.72	3773674.42	2.39E-04	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00
157	463174.62	3773680.41	2.25E-04	0.00E+00	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00
158	463161.53	3773686.41	2.12E-04	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
159	463148.44	3773692.41	1.99E-04	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00
160	463135.35	3773698.41	1.86E-04	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
161	463122.25	3773704.41	1.74E-04	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
162	463109.16	3773710.4	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
163	463096.07	3773716.4	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	9.99E-06	0.00E+00	0.00E+00	0.00E+00
164	463082.98	3773722.4	1.42E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	9.35E-06	0.00E+00	0.00E+00	0.00E+00
165	463069.88	3773728.4	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	0.00E+00
166	463056.79	3773734.4	1.24E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	0.00E+00
167	463043.7	3773740.4	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	7.60E-06	0.00E+00	0.00E+00	0.00E+00
168	463395.41	3773575.92	4.20E-04	0.00E+00	0.00E+00	0.00E+00	6.43E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00
169	463406.77	3773604.06	3.68E-04	0.00E+00	0.00E+00	0.00E+00	5.64E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00
170	463393.58	3773610.1	3.64E-04	0.00E+00	0.00E+00	0.00E+00	5.57E-05	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00
171	463380.39	3773616.15	3.59E-04	0.00E+00	0.00E+00	0.00E+00	5.49E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00
172	463367.2	3773622.19	3.52E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00
173	463354.01	3773628.23	3.45E-04	0.00E+00	0.00E+00	0.00E+00	5.28E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00
174	463340.82	3773634.28	3.37E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00
175	463327.62	3773640.32	3.27E-04	0.00E+00	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00
176	463314.43	3773646.36	3.17E-04	0.00E+00	0.00E+00	0.00E+00	4.85E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00
177	463301.24	3773652.41	3.06E-04	0.00E+00	0.00E+00	0.00E+00	4.68E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00
178	463288.05	3773658.45	2.94E-04	0.00E+00	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00
179	463274.86	3773664.49	2.82E-04	0.00E+00	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00
180	463261.66	3773670.54	2.70E-04	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00
181	463248.47	3773676.58	2.58E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
182	463235.28	3773682.63	2.46E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00
183	463222.09	3773688.67	2.34E-04	0.00E+00	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00
184	463208.9	3773694.71	2.21E-04	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00
185	463195.7	3773700.76	2.09E-04	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00
186	463182.51	3773706.8	1.97E-04	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00
187	463169.32	3773712.84	1.86E-04	0.00E+00	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
188	463156.13	3773718.89	1.75E-04	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00

189	463142.94	3773724.93	1.64E-04	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
190	463129.74	3773730.98	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00
191	463116.55	3773737.02	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	9.53E-06	0.00E+00	0.00E+00	0.00E+00
192	463103.36	3773743.06	1.36E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	8.94E-06	0.00E+00	0.00E+00	0.00E+00
193	463090.17	3773749.11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	8.38E-06	0.00E+00	0.00E+00	0.00E+00
194	463076.98	3773755.15	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	7.85E-06	0.00E+00	0.00E+00	0.00E+00
195	463063.78	3773761.19	1.12E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	7.34E-06	0.00E+00	0.00E+00	0.00E+00
196	463050.59	3773767.24	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	6.87E-06	0.00E+00	0.00E+00	0.00E+00
197	463037.4	3773773.28	9.80E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	0.00E+00
198	463403.39	3773635.61	3.24E-04	0.00E+00	0.00E+00	0.00E+00	4.96E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00
199	463390.31	3773641.6	3.19E-04	0.00E+00	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00
200	463377.23	3773647.6	3.13E-04	0.00E+00	0.00E+00	0.00E+00	4.79E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00
201	463364.15	3773653.59	3.06E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00
202	463351.06	3773659.58	2.98E-04	0.00E+00	0.00E+00	0.00E+00	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00
203	463337.98	3773665.57	2.89E-04	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00
204	463324.9	3773671.57	2.80E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00
205	463311.82	3773677.56	2.70E-04	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00
206	463298.74	3773683.55	2.61E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00
207	463285.66	3773689.54	2.50E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00
208	463272.58	3773695.54	2.40E-04	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00
209	463259.5	3773701.53	2.29E-04	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00
210	463246.42	3773707.52	2.18E-04	0.00E+00	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00
211	463233.34	3773713.52	2.07E-04	0.00E+00	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
212	463220.26	3773719.51	1.97E-04	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00
213	463207.17	3773725.5	1.87E-04	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00
214	463194.09	3773731.49	1.77E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
215	463181.01	3773737.49	1.68E-04	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00
216	463167.93	3773743.48	1.59E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
217	463154.85	3773749.47	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	9.82E-06	0.00E+00	0.00E+00	0.00E+00
218	463141.77	3773755.47	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	9.26E-06	0.00E+00	0.00E+00	0.00E+00
219	463128.69	3773761.46	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	0.00E+00
220	463115.61	3773767.45	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	8.19E-06	0.00E+00	0.00E+00	0.00E+00
221	463102.53	3773773.44	1.17E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00	7.71E-06	0.00E+00	0.00E+00	0.00E+00
222	463089.45	3773779.44	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	7.25E-06	0.00E+00	0.00E+00	0.00E+00
223	463076.37	3773785.43	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	0.00E+00
224	463063.28	3773791.42	9.78E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	6.42E-06	0.00E+00	0.00E+00	0.00E+00
225	463050.2	3773797.42	9.19E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	6.03E-06	0.00E+00	0.00E+00	0.00E+00
226	463037.12	3773803.41	8.62E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	0.00E+00
227	463440.85	3773615.11	3.38E-04	0.00E+00	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00
228	463452.22	3773643.24	3.01E-04	0.00E+00	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00
229	463439.05	3773649.27	2.98E-04	0.00E+00	0.00E+00	0.00E+00	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00
230	463399.54	3773667.37	2.84E-04	0.00E+00	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00
231	463386.37	3773673.41	2.78E-04	0.00E+00	0.00E+00	0.00E+00	4.25E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00
232	463373.2	3773679.44	2.71E-04	0.00E+00	0.00E+00	0.00E+00	4.15E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00
233	463360.03	3773685.47	2.64E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00
234	463346.86	3773691.51	2.56E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00
235	463333.69	3773697.54	2.48E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00
236	463320.52	3773703.58	2.39E-04	0.00E+00	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00

237	463307.35	3773709.61	2.30E-04	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00
238	463294.18	3773715.64	2.21E-04	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00
239	463281.01	3773721.68	2.12E-04	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
240	463267.83	3773727.71	2.02E-04	0.00E+00	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00
241	463254.66	3773733.75	1.93E-04	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
242	463241.49	3773739.78	1.84E-04	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00
243	463228.32	3773745.81	1.75E-04	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00
244	463215.15	3773751.85	1.66E-04	0.00E+00	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
245	463201.98	3773757.88	1.58E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
246	463188.81	3773763.91	1.49E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	9.80E-06	0.00E+00	0.00E+00	0.00E+00
247	463175.64	3773769.95	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	9.28E-06	0.00E+00	0.00E+00	0.00E+00
248	463162.47	3773775.98	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-06	0.00E+00	0.00E+00	0.00E+00
249	463149.3	3773782.02	1.27E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	8.33E-06	0.00E+00	0.00E+00	0.00E+00
250	463136.13	3773788.05	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	7.85E-06	0.00E+00	0.00E+00	0.00E+00
251	463122.96	3773794.08	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	0.00E+00
252	463109.79	3773800.12	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	6.99E-06	0.00E+00	0.00E+00	0.00E+00
253	463096.62	3773806.15	1.00E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.59E-06	0.00E+00	0.00E+00	0.00E+00
254	463083.44	3773812.19	9.47E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	0.00E+00
255	463070.27	3773818.22	8.92E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	5.86E-06	0.00E+00	0.00E+00	0.00E+00
256	463057.1	3773824.25	8.41E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	0.00E+00
257	463043.93	3773830.29	7.92E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	0.00E+00
258	463463.57	3773634.7	3.06E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00
259	463482.55	3773669.34	2.65E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00
260	463469.45	3773675.34	2.63E-04	0.00E+00	0.00E+00	0.00E+00	4.03E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00
261	463456.35	3773681.34	2.61E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00
262	463443.25	3773687.35	2.57E-04	0.00E+00	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00
263	463403.96	3773705.35	2.42E-04	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00
264	463390.86	3773711.35	2.36E-04	0.00E+00	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00
265	463377.76	3773717.35	2.30E-04	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00
266	463364.66	3773723.35	2.23E-04	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00
267	463351.56	3773729.35	2.16E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00
268	463338.46	3773735.36	2.08E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00
269	463325.36	3773741.36	2.01E-04	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00
270	463312.26	3773747.36	1.93E-04	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
271	463299.16	3773753.36	1.86E-04	0.00E+00	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
272	463286.06	3773759.36	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
273	463272.96	3773765.36	1.70E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
274	463259.86	3773771.36	1.62E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
275	463246.76	3773777.37	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
276	463233.66	3773783.37	1.48E-04	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	9.69E-06	0.00E+00	0.00E+00	0.00E+00
277	463220.56	3773789.37	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	9.23E-06	0.00E+00	0.00E+00	0.00E+00
278	463207.46	3773795.37	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.78E-06	0.00E+00	0.00E+00	0.00E+00
279	463194.36	3773801.37	1.27E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	0.00E+00
280	463181.26	3773807.37	1.21E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	7.93E-06	0.00E+00	0.00E+00	0.00E+00
281	463168.16	3773813.37	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	0.00E+00
282	463155.06	3773819.37	1.09E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	0.00E+00
283	463141.97	3773825.38	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	6.75E-06	0.00E+00	0.00E+00	0.00E+00
284	463128.87	3773831.38	9.75E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	0.00E+00

285	463115.77	3773837.38	9.23E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	0.00E+00
286	463102.67	3773843.38	8.75E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	5.74E-06	0.00E+00	0.00E+00	0.00E+00
287	463089.57	3773849.38	8.28E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.44E-06	0.00E+00	0.00E+00	0.00E+00
288	463076.47	3773855.38	7.85E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00
289	463063.37	3773861.38	7.43E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	0.00E+00
290	463050.27	3773867.39	7.03E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	0.00E+00
291	463037.17	3773873.39	6.64E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	0.00E+00
292	463493.86	3773660.82	2.70E-04	0.00E+00	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00
293	463512.79	3773695.49	2.36E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00
294	463499.59	3773701.54	2.34E-04	0.00E+00	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00
295	463486.38	3773707.59	2.32E-04	0.00E+00	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00
296	463473.18	3773713.64	2.28E-04	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00
297	463459.97	3773719.69	2.25E-04	0.00E+00	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00
298	463446.77	3773725.73	2.21E-04	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00
299	463407.16	3773743.88	2.07E-04	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
300	463393.95	3773749.93	2.01E-04	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00
301	463380.75	3773755.98	1.95E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
302	463367.54	3773762.03	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
303	463354.34	3773768.08	1.83E-04	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
304	463341.13	3773774.13	1.76E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
305	463327.93	3773780.18	1.70E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00
306	463314.73	3773786.23	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
307	463301.52	3773792.28	1.56E-04	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
308	463288.32	3773798.33	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	9.83E-06	0.00E+00	0.00E+00	0.00E+00
309	463275.11	3773804.38	1.43E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00	9.41E-06	0.00E+00	0.00E+00	0.00E+00
310	463261.91	3773810.43	1.37E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	9.00E-06	0.00E+00	0.00E+00	0.00E+00
311	463248.7	3773816.48	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	8.59E-06	0.00E+00	0.00E+00	0.00E+00
312	463235.5	3773822.53	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	8.19E-06	0.00E+00	0.00E+00	0.00E+00
313	463222.29	3773828.57	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	7.80E-06	0.00E+00	0.00E+00	0.00E+00
314	463209.09	3773834.62	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	7.42E-06	0.00E+00	0.00E+00	0.00E+00
315	463195.89	3773840.67	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	0.00E+00
316	463182.68	3773846.72	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	0.00E+00
317	463169.48	3773852.77	9.76E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	0.00E+00
318	463156.27	3773858.82	9.28E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	0.00E+00
319	463143.07	3773864.87	8.83E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.79E-06	0.00E+00	0.00E+00	0.00E+00
320	463129.86	3773870.92	8.38E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	0.00E+00
321	463524.16	3773686.94	2.40E-04	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00
322	463543.12	3773721.59	2.11E-04	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
323	463529.98	3773727.61	2.10E-04	0.00E+00	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
324	463516.84	3773733.63	2.08E-04	0.00E+00	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
325	463503.7	3773739.65	2.05E-04	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
326	463490.56	3773745.67	2.03E-04	0.00E+00	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00
327	463477.42	3773751.69	1.99E-04	0.00E+00	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00
328	463464.28	3773757.71	1.96E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
329	463451.15	3773763.73	1.92E-04	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
330	463398.59	3773787.81	1.73E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00
331	463385.45	3773793.83	1.68E-04	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00
332	463372.31	3773799.85	1.62E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00

333	463359.17	3773805.87	1.57E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
334	463346.03	3773811.89	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	9.91E-06	0.00E+00	0.00E+00	0.00E+00
335	463332.89	3773817.9	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	9.54E-06	0.00E+00	0.00E+00	0.00E+00
336	463319.76	3773823.92	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	9.18E-06	0.00E+00	0.00E+00	0.00E+00
337	463306.62	3773829.94	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	8.82E-06	0.00E+00	0.00E+00	0.00E+00
338	463293.48	3773835.96	1.29E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	0.00E+00
339	463280.34	3773841.98	1.24E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	8.11E-06	0.00E+00	0.00E+00	0.00E+00
340	463267.2	3773848	1.18E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	7.76E-06	0.00E+00	0.00E+00	0.00E+00
341	463254.06	3773854.02	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	7.42E-06	0.00E+00	0.00E+00	0.00E+00
342	463240.92	3773860.04	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	7.09E-06	0.00E+00	0.00E+00	0.00E+00
343	463227.78	3773866.06	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	6.77E-06	0.00E+00	0.00E+00	0.00E+00
344	463554.45	3773713.06	2.15E-04	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00
345	463573.36	3773747.74	1.91E-04	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00
346	463560.13	3773753.8	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
347	463546.9	3773759.86	1.88E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00
348	463533.67	3773765.92	1.85E-04	0.00E+00	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
349	463520.44	3773771.98	1.83E-04	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
350	463507.21	3773778.05	1.80E-04	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
351	463493.98	3773784.11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
352	463480.75	3773790.17	1.74E-04	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
353	463467.51	3773796.23	1.70E-04	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
354	463454.28	3773802.29	1.66E-04	0.00E+00	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
355	463441.05	3773808.35	1.62E-04	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
356	463401.36	3773826.54	1.49E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	9.76E-06	0.00E+00	0.00E+00	0.00E+00
357	463388.13	3773832.6	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00	9.45E-06	0.00E+00	0.00E+00	0.00E+00
358	463374.9	3773838.66	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00	9.14E-06	0.00E+00	0.00E+00	0.00E+00
359	463361.66	3773844.72	1.35E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	8.83E-06	0.00E+00	0.00E+00	0.00E+00
360	463348.43	3773850.79	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	8.52E-06	0.00E+00	0.00E+00	0.00E+00
361	463335.2	3773856.85	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	8.21E-06	0.00E+00	0.00E+00	0.00E+00
362	463321.97	3773862.91	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	7.89E-06	0.00E+00	0.00E+00	0.00E+00
363	463308.74	3773868.97	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	0.00E+00
364	463584.74	3773739.19	1.94E-04	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
365	463603.69	3773773.85	1.73E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
366	463590.52	3773779.88	1.72E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00
367	463577.35	3773785.91	1.70E-04	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
368	463564.18	3773791.95	1.68E-04	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00
369	463551	3773797.98	1.66E-04	0.00E+00	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
370	463537.83	3773804.02	1.64E-04	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
371	463524.66	3773810.05	1.62E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
372	463511.49	3773816.08	1.59E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
373	463498.32	3773822.12	1.56E-04	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
374	463485.15	3773828.15	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	9.99E-06	0.00E+00	0.00E+00	0.00E+00
375	463471.98	3773834.18	1.49E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	9.76E-06	0.00E+00	0.00E+00	0.00E+00
376	463458.81	3773840.22	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	9.53E-06	0.00E+00	0.00E+00	0.00E+00
377	463445.64	3773846.25	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	9.29E-06	0.00E+00	0.00E+00	0.00E+00
378	463406.13	3773864.35	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	0.00E+00
379	463615.03	3773765.31	1.76E-04	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00
380	463633.94	3773799.99	1.58E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00

381	463620.69	3773806.06	1.57E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
382	463607.43	3773812.13	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
383	463594.18	3773818.2	1.54E-04	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00
384	463580.93	3773824.27	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	9.98E-06	0.00E+00	0.00E+00	0.00E+00
385	463567.67	3773830.34	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	9.84E-06	0.00E+00	0.00E+00	0.00E+00
386	463554.42	3773836.42	1.48E-04	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	9.69E-06	0.00E+00	0.00E+00	0.00E+00
387	463541.17	3773842.49	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	9.53E-06	0.00E+00	0.00E+00	0.00E+00
388	463527.91	3773848.56	1.43E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	9.37E-06	0.00E+00	0.00E+00	0.00E+00
389	463514.66	3773854.63	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	9.19E-06	0.00E+00	0.00E+00	0.00E+00
390	463501.41	3773860.7	1.37E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	9.00E-06	0.00E+00	0.00E+00	0.00E+00
391	463488.16	3773866.77	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.79E-06	0.00E+00	0.00E+00	0.00E+00
392	463474.9	3773872.85	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	8.58E-06	0.00E+00	0.00E+00	0.00E+00
393	463461.65	3773878.92	1.27E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	0.00E+00
394	463448.4	3773884.99	1.24E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	8.12E-06	0.00E+00	0.00E+00	0.00E+00
395	463645.33	3773791.43	1.60E-04	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00
396	463664.26	3773826.1	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	9.53E-06	0.00E+00	0.00E+00	0.00E+00
397	463651.06	3773832.14	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	9.47E-06	0.00E+00	0.00E+00	0.00E+00
398	463637.87	3773838.19	1.43E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	9.38E-06	0.00E+00	0.00E+00	0.00E+00
399	463624.67	3773844.23	1.42E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	9.29E-06	0.00E+00	0.00E+00	0.00E+00
400	463611.47	3773850.28	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	9.20E-06	0.00E+00	0.00E+00	0.00E+00
401	463598.28	3773856.32	1.38E-04	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	9.09E-06	0.00E+00	0.00E+00	0.00E+00
402	463585.08	3773862.37	1.36E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	8.95E-06	0.00E+00	0.00E+00	0.00E+00
403	463571.88	3773868.42	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-06	0.00E+00	0.00E+00	0.00E+00
404	463558.69	3773874.46	1.32E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	8.66E-06	0.00E+00	0.00E+00	0.00E+00
405	463545.49	3773880.51	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	8.50E-06	0.00E+00	0.00E+00	0.00E+00
406	463532.29	3773886.55	1.27E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	8.34E-06	0.00E+00	0.00E+00	0.00E+00
407	463519.1	3773892.6	1.24E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	8.17E-06	0.00E+00	0.00E+00	0.00E+00
408	463505.9	3773898.65	1.22E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	0.00E+00
409	463492.7	3773904.69	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	7.78E-06	0.00E+00	0.00E+00	0.00E+00
410	463479.5	3773910.74	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	0.00E+00
411	463466.31	3773916.78	1.12E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	7.38E-06	0.00E+00	0.00E+00	0.00E+00
412	463453.11	3773922.83	1.09E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	7.18E-06	0.00E+00	0.00E+00	0.00E+00
413	463675.62	3773817.55	1.47E-04	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	9.64E-06	0.00E+00	0.00E+00	0.00E+00
414	463694.58	3773852.21	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.78E-06	0.00E+00	0.00E+00	0.00E+00
415	463681.43	3773858.23	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	8.73E-06	0.00E+00	0.00E+00	0.00E+00
416	463668.29	3773864.25	1.32E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	8.66E-06	0.00E+00	0.00E+00	0.00E+00
417	463655.14	3773870.27	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	8.58E-06	0.00E+00	0.00E+00	0.00E+00
418	463641.99	3773876.3	1.29E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	8.49E-06	0.00E+00	0.00E+00	0.00E+00
419	463628.85	3773882.32	1.28E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	8.40E-06	0.00E+00	0.00E+00	0.00E+00
420	463615.7	3773888.34	1.26E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	8.29E-06	0.00E+00	0.00E+00	0.00E+00
421	463602.56	3773894.36	1.24E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	0.00E+00
422	463589.41	3773900.39	1.22E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	8.03E-06	0.00E+00	0.00E+00	0.00E+00
423	463576.27	3773906.41	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	7.90E-06	0.00E+00	0.00E+00	0.00E+00
424	463563.12	3773912.43	1.18E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	7.76E-06	0.00E+00	0.00E+00	0.00E+00
425	463549.97	3773918.45	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	7.61E-06	0.00E+00	0.00E+00	0.00E+00
426	463536.83	3773924.48	1.14E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	0.00E+00
427	463523.68	3773930.5	1.11E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	7.28E-06	0.00E+00	0.00E+00	0.00E+00
428	463705.91	3773843.67	1.35E-04	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	8.88E-06	0.00E+00	0.00E+00	0.00E+00

429	463724.83	3773878.34	1.24E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	8.11E-06	0.00E+00	0.00E+00	0.00E+00
430	463711.62	3773884.4	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	8.07E-06	0.00E+00	0.00E+00	0.00E+00
431	463698.4	3773890.46	1.22E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	0.00E+00
432	463685.18	3773896.51	1.21E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	7.94E-06	0.00E+00	0.00E+00	0.00E+00
433	463671.96	3773902.57	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	7.87E-06	0.00E+00	0.00E+00	0.00E+00
434	463658.74	3773908.62	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	7.79E-06	0.00E+00	0.00E+00	0.00E+00
435	463645.52	3773914.68	1.17E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	0.00E+00
436	463632.3	3773920.74	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	7.60E-06	0.00E+00	0.00E+00	0.00E+00
437	463619.09	3773926.79	1.14E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	7.49E-06	0.00E+00	0.00E+00	0.00E+00
438	463736.2	3773869.8	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	8.21E-06	0.00E+00	0.00E+00	0.00E+00
439	463755.15	3773904.46	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	0.00E+00
440	463741.98	3773910.49	1.14E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	7.49E-06	0.00E+00	0.00E+00	0.00E+00
441	463728.81	3773916.52	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	7.44E-06	0.00E+00	0.00E+00	0.00E+00
442	463715.64	3773922.56	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	7.39E-06	0.00E+00	0.00E+00	0.00E+00
443	463702.47	3773928.59	1.12E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	7.32E-06	0.00E+00	0.00E+00	0.00E+00
444	463766.5	3773895.92	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	7.60E-06	0.00E+00	0.00E+00	0.00E+00
445	463307.8	3773488.75	7.25E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.76E-05	0.00E+00	0.00E+00	0.00E+00
446	463336.81	3773491.36	6.69E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	0.00E+00
447	463333.62	3773499.95	6.50E-04	0.00E+00	0.00E+00	0.00E+00	9.94E-05	0.00E+00	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00
448	463330.44	3773508.55	6.29E-04	0.00E+00	0.00E+00	0.00E+00	9.63E-05	0.00E+00	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	0.00E+00
449	463366.03	3773493.39	6.17E-04	0.00E+00	0.00E+00	0.00E+00	9.45E-05	0.00E+00	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	0.00E+00
450	463362.82	3773502.06	6.02E-04	0.00E+00	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	0.00E+00	3.95E-05	0.00E+00	0.00E+00	0.00E+00
451	463359.61	3773510.73	5.85E-04	0.00E+00	0.00E+00	0.00E+00	8.96E-05	0.00E+00	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	0.00E+00
452	463356.4	3773519.4	5.69E-04	0.00E+00	0.00E+00	0.00E+00	8.71E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00
453	463353.18	3773528.07	5.52E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	0.00E+00
454	463395.34	3773495.19	5.68E-04	0.00E+00	0.00E+00	0.00E+00	8.70E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00
455	463392.11	3773503.93	5.56E-04	0.00E+00	0.00E+00	0.00E+00	8.51E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00
456	463388.87	3773512.66	5.43E-04	0.00E+00	0.00E+00	0.00E+00	8.31E-05	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00
457	463385.63	3773521.4	5.30E-04	0.00E+00	0.00E+00	0.00E+00	8.11E-05	0.00E+00	0.00E+00	0.00E+00	3.48E-05	0.00E+00	0.00E+00	0.00E+00
458	463382.4	3773530.13	5.16E-04	0.00E+00	0.00E+00	0.00E+00	7.90E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00
459	463379.16	3773538.86	5.02E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00
460	463375.93	3773547.6	4.87E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00
461	463405.18	3773549.55	4.58E-04	0.00E+00	0.00E+00	0.00E+00	7.01E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	0.00E+00
462	463401.93	3773558.34	4.46E-04	0.00E+00	0.00E+00	0.00E+00	6.83E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00
463	463398.67	3773567.13	4.34E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00
464	463456.49	3773491.98	4.84E-04	0.00E+00	0.00E+00	0.00E+00	7.41E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	0.00E+00
465	463453.29	3773500.61	4.78E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00
466	463450.09	3773509.24	4.72E-04	0.00E+00	0.00E+00	0.00E+00	7.22E-05	0.00E+00	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	0.00E+00
467	463446.9	3773517.87	4.64E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	0.00E+00
468	463443.7	3773526.49	4.56E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00
469	463440.5	3773535.12	4.48E-04	0.00E+00	0.00E+00	0.00E+00	6.85E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00
470	463437.31	3773543.75	4.38E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00
471	463485.89	3773493.54	4.43E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00
472	463482.67	3773502.22	4.39E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00
473	463479.45	3773510.91	4.34E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00
474	463476.24	3773519.59	4.29E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00
475	463473.02	3773528.27	4.23E-04	0.00E+00	0.00E+00	0.00E+00	6.47E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00
476	463469.8	3773536.96	4.16E-04	0.00E+00	0.00E+00	0.00E+00	6.37E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00

477	463466.59	3773545.64	4.09E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00
478	463463.37	3773554.32	4.01E-04	0.00E+00	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00
479	463460.15	3773563.01	3.93E-04	0.00E+00	0.00E+00	0.00E+00	6.02E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00
480	463456.94	3773571.69	3.84E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-05	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00
481	463453.72	3773580.37	3.75E-04	0.00E+00	0.00E+00	0.00E+00	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00
482	463450.5	3773589.06	3.66E-04	0.00E+00	0.00E+00	0.00E+00	5.60E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00
483	463447.28	3773597.74	3.56E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00
484	463444.07	3773606.42	3.47E-04	0.00E+00	0.00E+00	0.00E+00	5.32E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00
485	463518.58	3773486.22	4.09E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00
486	463515.34	3773494.95	4.07E-04	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00
487	463512.11	3773503.69	4.04E-04	0.00E+00	0.00E+00	0.00E+00	6.19E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00
488	463508.87	3773512.42	4.01E-04	0.00E+00	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00
489	463505.63	3773521.15	3.97E-04	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00
490	463502.4	3773529.89	3.92E-04	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00
491	463499.16	3773538.62	3.87E-04	0.00E+00	0.00E+00	0.00E+00	5.93E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00
492	463495.93	3773547.36	3.81E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-05	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00
493	463492.69	3773556.09	3.75E-04	0.00E+00	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00
494	463489.46	3773564.83	3.69E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00
495	463486.22	3773573.56	3.62E-04	0.00E+00	0.00E+00	0.00E+00	5.54E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00
496	463482.98	3773582.29	3.55E-04	0.00E+00	0.00E+00	0.00E+00	5.43E-05	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00
497	463479.75	3773591.03	3.47E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00
498	463476.51	3773599.76	3.39E-04	0.00E+00	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00
499	463473.28	3773608.5	3.31E-04	0.00E+00	0.00E+00	0.00E+00	5.07E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00
500	463470.04	3773617.23	3.23E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00
501	463466.81	3773625.96	3.15E-04	0.00E+00	0.00E+00	0.00E+00	4.82E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00
502	463558.58	3773486.14	3.62E-04	0.00E+00	0.00E+00	0.00E+00	5.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00
503	463555.34	3773494.87	3.62E-04	0.00E+00	0.00E+00	0.00E+00	5.54E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00
504	463552.11	3773503.61	3.61E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00
505	463548.87	3773512.34	3.59E-04	0.00E+00	0.00E+00	0.00E+00	5.49E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00
506	463545.63	3773521.07	3.57E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00
507	463542.4	3773529.81	3.54E-04	0.00E+00	0.00E+00	0.00E+00	5.42E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00
508	463539.16	3773538.54	3.51E-04	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00
509	463535.93	3773547.28	3.47E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00
510	463532.69	3773556.01	3.43E-04	0.00E+00	0.00E+00	0.00E+00	5.25E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00
511	463529.46	3773564.74	3.38E-04	0.00E+00	0.00E+00	0.00E+00	5.17E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00
512	463526.22	3773573.48	3.33E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00
513	463522.98	3773582.21	3.28E-04	0.00E+00	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00
514	463519.75	3773590.95	3.22E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00
515	463516.51	3773599.68	3.16E-04	0.00E+00	0.00E+00	0.00E+00	4.84E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00
516	463513.28	3773608.42	3.10E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00
517	463510.04	3773617.15	3.03E-04	0.00E+00	0.00E+00	0.00E+00	4.64E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00
518	463506.81	3773625.88	2.97E-04	0.00E+00	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00
519	463503.57	3773634.62	2.90E-04	0.00E+00	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00
520	463500.33	3773643.35	2.83E-04	0.00E+00	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00
521	463497.1	3773652.09	2.76E-04	0.00E+00	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00
522	463598.58	3773486.06	3.22E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00
523	463595.34	3773494.79	3.22E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00
524	463592.11	3773503.52	3.22E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00

525	463588.87	3773512.26	3.21E-04	0.00E+00	0.00E+00	0.00E+00	4.92E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00
526	463585.63	3773520.99	3.20E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00
527	463582.4	3773529.73	3.19E-04	0.00E+00	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00
528	463579.16	3773538.46	3.17E-04	0.00E+00	0.00E+00	0.00E+00	4.85E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00
529	463575.93	3773547.2	3.15E-04	0.00E+00	0.00E+00	0.00E+00	4.82E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00
530	463572.69	3773555.93	3.12E-04	0.00E+00	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00
531	463569.46	3773564.66	3.09E-04	0.00E+00	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00
532	463566.22	3773573.4	3.05E-04	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00
533	463562.98	3773582.13	3.01E-04	0.00E+00	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00
534	463559.75	3773590.87	2.97E-04	0.00E+00	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00
535	463556.51	3773599.6	2.93E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00
536	463553.28	3773608.33	2.88E-04	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00
537	463550.04	3773617.07	2.83E-04	0.00E+00	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00
538	463546.81	3773625.8	2.78E-04	0.00E+00	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00
539	463543.57	3773634.54	2.73E-04	0.00E+00	0.00E+00	0.00E+00	4.18E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00
540	463540.33	3773643.27	2.68E-04	0.00E+00	0.00E+00	0.00E+00	4.10E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00
541	463537.1	3773652.01	2.63E-04	0.00E+00	0.00E+00	0.00E+00	4.02E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00
542	463533.86	3773660.74	2.57E-04	0.00E+00	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
543	463530.63	3773669.47	2.52E-04	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00
544	463527.39	3773678.21	2.46E-04	0.00E+00	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00
545	463638.58	3773485.98	2.85E-04	0.00E+00	0.00E+00	0.00E+00	4.36E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00
546	463635.34	3773494.71	2.86E-04	0.00E+00	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00
547	463632.11	3773503.44	2.87E-04	0.00E+00	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00
548	463628.87	3773512.18	2.87E-04	0.00E+00	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00
549	463625.63	3773520.91	2.87E-04	0.00E+00	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00
550	463622.4	3773529.65	2.86E-04	0.00E+00	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00
551	463619.16	3773538.38	2.85E-04	0.00E+00	0.00E+00	0.00E+00	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00
552	463615.93	3773547.11	2.84E-04	0.00E+00	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00
553	463612.69	3773555.85	2.83E-04	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00
554	463609.46	3773564.58	2.81E-04	0.00E+00	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00
555	463606.22	3773573.32	2.79E-04	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00
556	463602.98	3773582.05	2.76E-04	0.00E+00	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00
557	463599.75	3773590.79	2.73E-04	0.00E+00	0.00E+00	0.00E+00	4.18E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00
558	463596.51	3773599.52	2.70E-04	0.00E+00	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00
559	463593.28	3773608.25	2.67E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00
560	463590.04	3773616.99	2.64E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00
561	463586.81	3773625.72	2.60E-04	0.00E+00	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00
562	463583.57	3773634.46	2.56E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00
563	463580.33	3773643.19	2.52E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00
564	463577.1	3773651.93	2.48E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00
565	463573.86	3773660.66	2.43E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00
566	463570.63	3773669.39	2.39E-04	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00
567	463567.39	3773678.13	2.34E-04	0.00E+00	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00
568	463564.16	3773686.86	2.29E-04	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00
569	463560.92	3773695.6	2.24E-04	0.00E+00	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00
570	463557.68	3773704.33	2.20E-04	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00
571	463678.58	3773485.89	2.55E-04	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00
572	463675.34	3773494.63	2.56E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00

573	463672.11	3773503.36	2.57E-04	0.00E+00	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
574	463668.87	3773512.1	2.58E-04	0.00E+00	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
575	463665.63	3773520.83	2.58E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
576	463662.4	3773529.57	2.58E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
577	463659.16	3773538.3	2.58E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
578	463655.93	3773547.03	2.58E-04	0.00E+00	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
579	463652.69	3773555.77	2.57E-04	0.00E+00	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
580	463649.46	3773564.5	2.56E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00
581	463646.22	3773573.24	2.55E-04	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00
582	463642.98	3773581.97	2.53E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00
583	463639.75	3773590.71	2.51E-04	0.00E+00	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00
584	463636.51	3773599.44	2.49E-04	0.00E+00	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00
585	463633.28	3773608.17	2.47E-04	0.00E+00	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00
586	463630.04	3773616.91	2.44E-04	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00
587	463626.81	3773625.64	2.42E-04	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00
588	463623.57	3773634.38	2.39E-04	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00
589	463620.33	3773643.11	2.35E-04	0.00E+00	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00
590	463617.1	3773651.84	2.32E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00
591	463613.86	3773660.58	2.29E-04	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00
592	463610.63	3773669.31	2.25E-04	0.00E+00	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00
593	463607.39	3773678.05	2.21E-04	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00
594	463604.15	3773686.78	2.18E-04	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00
595	463600.92	3773695.52	2.14E-04	0.00E+00	0.00E+00	0.00E+00	3.27E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00
596	463597.68	3773704.25	2.10E-04	0.00E+00	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
597	463594.45	3773712.98	2.06E-04	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
598	463591.21	3773721.72	2.02E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00
599	463587.98	3773730.45	1.98E-04	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00
600	463718.58	3773485.81	2.29E-04	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00
601	463715.34	3773494.55	2.30E-04	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00
602	463712.11	3773503.28	2.31E-04	0.00E+00	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00
603	463708.87	3773512.02	2.32E-04	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00
604	463705.63	3773520.75	2.33E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00
605	463702.4	3773529.49	2.33E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00
606	463699.16	3773538.22	2.34E-04	0.00E+00	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00
607	463695.93	3773546.95	2.34E-04	0.00E+00	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00
608	463692.69	3773555.69	2.34E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00
609	463689.46	3773564.42	2.33E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00
610	463686.22	3773573.16	2.32E-04	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00
611	463682.98	3773581.89	2.32E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00
612	463679.75	3773590.62	2.31E-04	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00
613	463676.51	3773599.36	2.29E-04	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00
614	463673.28	3773608.09	2.28E-04	0.00E+00	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00
615	463670.04	3773616.83	2.26E-04	0.00E+00	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00
616	463666.81	3773625.56	2.24E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00
617	463663.57	3773634.3	2.22E-04	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00
618	463660.33	3773643.03	2.19E-04	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00
619	463657.1	3773651.76	2.17E-04	0.00E+00	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00
620	463653.86	3773660.5	2.14E-04	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00

621	463650.63	3773669.23	2.12E-04	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
622	463647.39	3773677.97	2.09E-04	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00
623	463644.15	3773686.7	2.06E-04	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
624	463640.92	3773695.43	2.03E-04	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00
625	463637.68	3773704.17	2.00E-04	0.00E+00	0.00E+00	0.00E+00	3.06E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00
626	463634.45	3773712.9	1.96E-04	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00
627	463631.21	3773721.64	1.93E-04	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
628	463627.98	3773730.37	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
629	463624.74	3773739.11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
630	463621.5	3773747.84	1.82E-04	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
631	463618.27	3773756.57	1.79E-04	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
632	463758.58	3773485.73	2.06E-04	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
633	463755.34	3773494.47	2.07E-04	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
634	463752.11	3773503.2	2.09E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00
635	463748.87	3773511.94	2.10E-04	0.00E+00	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
636	463745.63	3773520.67	2.11E-04	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
637	463742.4	3773529.4	2.12E-04	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
638	463739.16	3773538.14	2.12E-04	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
639	463735.93	3773546.87	2.13E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00
640	463732.69	3773555.61	2.13E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00
641	463729.46	3773564.34	2.13E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00
642	463726.22	3773573.08	2.13E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00
643	463722.98	3773581.81	2.12E-04	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
644	463719.75	3773590.54	2.12E-04	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
645	463716.51	3773599.28	2.11E-04	0.00E+00	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
646	463713.28	3773608.01	2.10E-04	0.00E+00	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
647	463710.04	3773616.75	2.08E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00
648	463706.81	3773625.48	2.07E-04	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
649	463703.57	3773634.21	2.06E-04	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
650	463700.33	3773642.95	2.04E-04	0.00E+00	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00
651	463697.1	3773651.68	2.02E-04	0.00E+00	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00
652	463693.86	3773660.42	2.01E-04	0.00E+00	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00
653	463690.63	3773669.15	1.98E-04	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00
654	463687.39	3773677.89	1.96E-04	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00
655	463684.15	3773686.62	1.94E-04	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
656	463680.92	3773695.35	1.91E-04	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00
657	463677.68	3773704.09	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
658	463674.45	3773712.82	1.86E-04	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
659	463671.21	3773721.56	1.83E-04	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
660	463667.98	3773730.29	1.81E-04	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00
661	463664.74	3773739.03	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
662	463661.5	3773747.76	1.75E-04	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00
663	463658.27	3773756.49	1.72E-04	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00
664	463655.03	3773765.23	1.69E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00
665	463651.8	3773773.96	1.66E-04	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
666	463648.56	3773782.7	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
667	463798.58	3773485.65	1.85E-04	0.00E+00	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
668	463795.34	3773494.39	1.87E-04	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00

669	463792.11	3773503.12	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
670	463788.87	3773511.86	1.90E-04	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00
671	463785.63	3773520.59	1.91E-04	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
672	463782.4	3773529.32	1.92E-04	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
673	463779.16	3773538.06	1.93E-04	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
674	463775.93	3773546.79	1.94E-04	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
675	463772.69	3773555.53	1.94E-04	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
676	463769.46	3773564.26	1.94E-04	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
677	463766.22	3773572.99	1.95E-04	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
678	463762.98	3773581.73	1.94E-04	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
679	463759.75	3773590.46	1.94E-04	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
680	463756.51	3773599.2	1.94E-04	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
681	463753.28	3773607.93	1.93E-04	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
682	463750.04	3773616.67	1.93E-04	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
683	463746.81	3773625.4	1.92E-04	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
684	463743.57	3773634.13	1.91E-04	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00
685	463740.33	3773642.87	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
686	463737.1	3773651.6	1.88E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00
687	463733.86	3773660.34	1.87E-04	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00
688	463730.63	3773669.07	1.85E-04	0.00E+00	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
689	463727.39	3773677.81	1.84E-04	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
690	463724.15	3773686.54	1.82E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00
691	463720.92	3773695.27	1.80E-04	0.00E+00	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
692	463717.68	3773704.01	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
693	463714.45	3773712.74	1.76E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
694	463711.21	3773721.48	1.74E-04	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
695	463707.98	3773730.21	1.72E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00
696	463704.74	3773738.94	1.69E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00
697	463701.5	3773747.68	1.67E-04	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00
698	463698.27	3773756.41	1.65E-04	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
699	463695.03	3773765.15	1.62E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
700	463691.8	3773773.88	1.60E-04	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00
701	463688.56	3773782.62	1.57E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
702	463685.33	3773791.35	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
703	463682.09	3773800.08	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	9.98E-06	0.00E+00	0.00E+00	0.00E+00
704	463678.85	3773808.82	1.49E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	9.81E-06	0.00E+00	0.00E+00	0.00E+00
705	463835.34	3773494.31	1.69E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00
706	463832.11	3773503.04	1.71E-04	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
707	463828.87	3773511.77	1.72E-04	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00
708	463825.63	3773520.51	1.74E-04	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
709	463822.4	3773529.24	1.75E-04	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00
710	463819.16	3773537.98	1.75E-04	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00
711	463815.93	3773546.71	1.76E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
712	463812.69	3773555.45	1.77E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
713	463809.46	3773564.18	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
714	463806.22	3773572.91	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
715	463802.98	3773581.65	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
716	463799.75	3773590.38	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00

717	463796.51	3773599.12	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
718	463793.28	3773607.85	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
719	463790.04	3773616.59	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
720	463786.8	3773625.32	1.77E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
721	463783.57	3773634.05	1.77E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
722	463780.33	3773642.79	1.76E-04	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00
723	463777.1	3773651.52	1.75E-04	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00
724	463773.86	3773660.26	1.74E-04	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
725	463770.63	3773668.99	1.73E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00
726	463767.39	3773677.72	1.72E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00
727	463764.15	3773686.46	1.71E-04	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
728	463760.92	3773695.19	1.69E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00
729	463757.68	3773703.93	1.68E-04	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00
730	463754.45	3773712.66	1.66E-04	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
731	463751.21	3773721.4	1.64E-04	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
732	463747.98	3773730.13	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
733	463744.74	3773738.86	1.61E-04	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
734	463741.5	3773747.6	1.59E-04	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
735	463738.27	3773756.33	1.57E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
736	463735.03	3773765.07	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
737	463731.8	3773773.8	1.53E-04	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00
738	463728.56	3773782.53	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	9.90E-06	0.00E+00	0.00E+00	0.00E+00
739	463725.33	3773791.27	1.49E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	9.76E-06	0.00E+00	0.00E+00	0.00E+00
740	463722.09	3773800	1.46E-04	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	9.61E-06	0.00E+00	0.00E+00	0.00E+00
741	463718.85	3773808.74	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	9.46E-06	0.00E+00	0.00E+00	0.00E+00
742	463715.62	3773817.47	1.42E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	9.32E-06	0.00E+00	0.00E+00	0.00E+00
743	463712.38	3773826.21	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	9.17E-06	0.00E+00	0.00E+00	0.00E+00
744	463709.15	3773834.94	1.38E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	9.03E-06	0.00E+00	0.00E+00	0.00E+00
745	463875.34	3773494.23	1.54E-04	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00
746	463872.11	3773502.96	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
747	463868.87	3773511.69	1.57E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
748	463865.63	3773520.43	1.58E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
749	463862.4	3773529.16	1.59E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
750	463859.16	3773537.9	1.60E-04	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00
751	463855.93	3773546.63	1.61E-04	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
752	463852.69	3773555.37	1.62E-04	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
753	463849.46	3773564.1	1.62E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
754	463846.22	3773572.83	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
755	463842.98	3773581.57	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
756	463839.75	3773590.3	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
757	463836.51	3773599.04	1.64E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
758	463833.28	3773607.77	1.64E-04	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
759	463830.04	3773616.5	1.64E-04	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
760	463826.8	3773625.24	1.64E-04	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
761	463823.57	3773633.97	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
762	463820.33	3773642.71	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
763	463817.1	3773651.44	1.62E-04	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
764	463813.86	3773660.18	1.62E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00

765	463810.63	3773668.91	1.61E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
766	463807.39	3773677.64	1.60E-04	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00
767	463804.15	3773686.38	1.60E-04	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00
768	463800.92	3773695.11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
769	463797.68	3773703.85	1.57E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
770	463794.45	3773712.58	1.56E-04	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
771	463791.21	3773721.31	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
772	463787.98	3773730.05	1.54E-04	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00
773	463784.74	3773738.78	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	9.99E-06	0.00E+00	0.00E+00	0.00E+00
774	463781.5	3773747.52	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	9.90E-06	0.00E+00	0.00E+00	0.00E+00
775	463778.27	3773756.25	1.49E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	9.79E-06	0.00E+00	0.00E+00	0.00E+00
776	463775.03	3773764.99	1.48E-04	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	9.68E-06	0.00E+00	0.00E+00	0.00E+00
777	463771.8	3773773.72	1.46E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	9.57E-06	0.00E+00	0.00E+00	0.00E+00
778	463768.56	3773782.45	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	9.46E-06	0.00E+00	0.00E+00	0.00E+00
779	463765.33	3773791.19	1.42E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	9.35E-06	0.00E+00	0.00E+00	0.00E+00
780	463762.09	3773799.92	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	9.24E-06	0.00E+00	0.00E+00	0.00E+00
781	463758.85	3773808.66	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00	9.12E-06	0.00E+00	0.00E+00	0.00E+00
782	463755.62	3773817.39	1.37E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	8.99E-06	0.00E+00	0.00E+00	0.00E+00
783	463752.38	3773826.13	1.35E-04	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	8.85E-06	0.00E+00	0.00E+00	0.00E+00
784	463749.15	3773834.86	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	0.00E+00
785	463745.91	3773843.59	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	8.59E-06	0.00E+00	0.00E+00	0.00E+00
786	463742.68	3773852.33	1.29E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	0.00E+00
787	463739.44	3773861.06	1.27E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	8.34E-06	0.00E+00	0.00E+00	0.00E+00
788	463915.34	3773494.15	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	9.17E-06	0.00E+00	0.00E+00	0.00E+00
789	463912.11	3773502.88	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	9.27E-06	0.00E+00	0.00E+00	0.00E+00
790	463908.87	3773511.61	1.43E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	9.36E-06	0.00E+00	0.00E+00	0.00E+00
791	463905.63	3773520.35	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00	9.45E-06	0.00E+00	0.00E+00	0.00E+00
792	463902.4	3773529.08	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	9.52E-06	0.00E+00	0.00E+00	0.00E+00
793	463899.16	3773537.82	1.46E-04	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	9.59E-06	0.00E+00	0.00E+00	0.00E+00
794	463895.93	3773546.55	1.47E-04	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	9.65E-06	0.00E+00	0.00E+00	0.00E+00
795	463892.69	3773555.28	1.48E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	9.72E-06	0.00E+00	0.00E+00	0.00E+00
796	463889.46	3773564.02	1.49E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	9.77E-06	0.00E+00	0.00E+00	0.00E+00
797	463886.22	3773572.75	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	9.81E-06	0.00E+00	0.00E+00	0.00E+00
798	463882.98	3773581.49	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	0.00E+00
799	463879.75	3773590.22	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	9.88E-06	0.00E+00	0.00E+00	0.00E+00
800	463876.51	3773598.96	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	9.89E-06	0.00E+00	0.00E+00	0.00E+00
801	463873.28	3773607.69	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	9.91E-06	0.00E+00	0.00E+00	0.00E+00
802	463870.04	3773616.42	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	9.92E-06	0.00E+00	0.00E+00	0.00E+00
803	463866.8	3773625.16	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	9.93E-06	0.00E+00	0.00E+00	0.00E+00
804	463863.57	3773633.89	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	9.93E-06	0.00E+00	0.00E+00	0.00E+00
805	463860.33	3773642.63	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	9.92E-06	0.00E+00	0.00E+00	0.00E+00
806	463857.1	3773651.36	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	9.90E-06	0.00E+00	0.00E+00	0.00E+00
807	463853.86	3773660.09	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	9.88E-06	0.00E+00	0.00E+00	0.00E+00
808	463850.63	3773668.83	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	0.00E+00
809	463847.39	3773677.56	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	9.81E-06	0.00E+00	0.00E+00	0.00E+00
810	463844.15	3773686.3	1.49E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	9.78E-06	0.00E+00	0.00E+00	0.00E+00
811	463840.92	3773695.03	1.48E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	9.73E-06	0.00E+00	0.00E+00	0.00E+00
812	463837.68	3773703.77	1.47E-04	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	9.67E-06	0.00E+00	0.00E+00	0.00E+00

813	463834.45	3773712.5	1.46E-04	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	9.61E-06	0.00E+00	0.00E+00	0.00E+00
814	463831.21	3773721.23	1.46E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	9.55E-06	0.00E+00	0.00E+00	0.00E+00
815	463827.98	3773729.97	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	9.49E-06	0.00E+00	0.00E+00	0.00E+00
816	463824.74	3773738.7	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00	9.42E-06	0.00E+00	0.00E+00	0.00E+00
817	463821.5	3773747.44	1.43E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	9.35E-06	0.00E+00	0.00E+00	0.00E+00
818	463818.27	3773756.17	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	9.27E-06	0.00E+00	0.00E+00	0.00E+00
819	463815.03	3773764.91	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	9.18E-06	0.00E+00	0.00E+00	0.00E+00
820	463811.8	3773773.64	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	9.09E-06	0.00E+00	0.00E+00	0.00E+00
821	463808.56	3773782.37	1.37E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	9.00E-06	0.00E+00	0.00E+00	0.00E+00
822	463805.33	3773791.11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	8.91E-06	0.00E+00	0.00E+00	0.00E+00
823	463802.09	3773799.84	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	8.82E-06	0.00E+00	0.00E+00	0.00E+00
824	463798.85	3773808.58	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	0.00E+00
825	463795.62	3773817.31	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	0.00E+00
826	463792.38	3773826.04	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	0.00E+00
827	463789.15	3773834.78	1.28E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	8.40E-06	0.00E+00	0.00E+00	0.00E+00
828	463785.91	3773843.51	1.26E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	8.29E-06	0.00E+00	0.00E+00	0.00E+00
829	463782.68	3773852.25	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	8.18E-06	0.00E+00	0.00E+00	0.00E+00
830	463779.44	3773860.98	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	8.07E-06	0.00E+00	0.00E+00	0.00E+00
831	463776.2	3773869.72	1.21E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	0.00E+00
832	463772.97	3773878.45	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	7.84E-06	0.00E+00	0.00E+00	0.00E+00
833	463769.73	3773887.18	1.18E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00	7.72E-06	0.00E+00	0.00E+00	0.00E+00
834	462999.7	3773058.67	8.46E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	5.55E-05	0.00E+00	0.00E+00	0.00E+00
835	462990.6	3773058.69	9.00E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	0.00E+00
836	462981.51	3773058.71	9.61E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	6.31E-05	0.00E+00	0.00E+00	0.00E+00
837	462972.41	3773058.73	1.03E-03	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05	0.00E+00	0.00E+00	0.00E+00
838	462963.31	3773058.75	1.09E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	7.16E-05	0.00E+00	0.00E+00	0.00E+00
839	462954.21	3773058.76	1.15E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	7.55E-05	0.00E+00	0.00E+00	0.00E+00
840	462945.11	3773058.78	1.20E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-05	0.00E+00	0.00E+00	0.00E+00
841	462936.01	3773058.8	1.24E-03	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	8.14E-05	0.00E+00	0.00E+00	0.00E+00
842	462926.91	3773058.82	1.26E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	0.00E+00
843	462917.81	3773058.84	1.27E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	8.32E-05	0.00E+00	0.00E+00	0.00E+00
844	462999.68	3773048.67	7.14E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-05	0.00E+00	0.00E+00	0.00E+00
845	462990.58	3773048.69	7.59E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00
846	462981.48	3773048.71	8.09E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-05	0.00E+00	0.00E+00	0.00E+00
847	462972.39	3773048.73	8.63E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	5.66E-05	0.00E+00	0.00E+00	0.00E+00
848	462963.29	3773048.75	9.17E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	6.02E-05	0.00E+00	0.00E+00	0.00E+00
849	462954.19	3773048.76	9.69E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-05	0.00E+00	0.00E+00	0.00E+00
850	462945.09	3773048.78	1.02E-03	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	0.00E+00
851	462935.99	3773048.8	1.05E-03	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	0.00E+00
852	462926.89	3773048.82	1.08E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	7.07E-05	0.00E+00	0.00E+00	0.00E+00
853	462917.79	3773048.84	1.09E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-05	0.00E+00	0.00E+00	0.00E+00
854	462999.64	3773028.67	5.28E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00
855	462990.54	3773028.69	5.59E-04	0.00E+00	0.00E+00	0.00E+00	8.56E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00
856	462981.44	3773028.71	5.94E-04	0.00E+00	0.00E+00	0.00E+00	9.10E-05	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00
857	462972.34	3773028.73	6.32E-04	0.00E+00	0.00E+00	0.00E+00	9.68E-05	0.00E+00	0.00E+00	0.00E+00	4.15E-05	0.00E+00	0.00E+00	0.00E+00
858	462963.24	3773028.75	6.71E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	0.00E+00
859	462954.15	3773028.76	7.10E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00
860	462945.05	3773028.78	7.46E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-05	0.00E+00	0.00E+00	0.00E+00

861	462935.95	3773028.8	7.78E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	5.11E-05	0.00E+00	0.00E+00	0.00E+00
862	462926.85	3773028.82	8.03E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	0.00E+00
863	462917.75	3773028.84	8.21E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-05	0.00E+00	0.00E+00	0.00E+00
864	462999.6	3773008.67	4.05E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00
865	462990.5	3773008.69	4.28E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00
866	462981.4	3773008.71	4.53E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00
867	462972.3	3773008.73	4.81E-04	0.00E+00	0.00E+00	0.00E+00	7.36E-05	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00
868	462963.2	3773008.75	5.09E-04	0.00E+00	0.00E+00	0.00E+00	7.80E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	0.00E+00
869	462954.1	3773008.76	5.39E-04	0.00E+00	0.00E+00	0.00E+00	8.24E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	0.00E+00
870	462945	3773008.78	5.67E-04	0.00E+00	0.00E+00	0.00E+00	8.67E-05	0.00E+00	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00
871	462935.91	3773008.8	5.93E-04	0.00E+00	0.00E+00	0.00E+00	9.07E-05	0.00E+00	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	0.00E+00
872	462926.81	3773008.82	6.15E-04	0.00E+00	0.00E+00	0.00E+00	9.42E-05	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00
873	462917.71	3773008.84	6.34E-04	0.00E+00	0.00E+00	0.00E+00	9.70E-05	0.00E+00	0.00E+00	0.00E+00	4.16E-05	0.00E+00	0.00E+00	0.00E+00
874	462999.56	3772988.67	3.20E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00
875	462990.46	3772988.69	3.37E-04	0.00E+00	0.00E+00	0.00E+00	5.16E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00
876	462981.36	3772988.71	3.56E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00
877	462972.26	3772988.73	3.76E-04	0.00E+00	0.00E+00	0.00E+00	5.76E-05	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00
878	462963.16	3772988.75	3.98E-04	0.00E+00	0.00E+00	0.00E+00	6.09E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00
879	462954.06	3772988.76	4.20E-04	0.00E+00	0.00E+00	0.00E+00	6.43E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00
880	462944.96	3772988.78	4.42E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00
881	462935.86	3772988.8	4.63E-04	0.00E+00	0.00E+00	0.00E+00	7.09E-05	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00
882	462926.76	3772988.82	4.82E-04	0.00E+00	0.00E+00	0.00E+00	7.39E-05	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00
883	462917.67	3772988.84	4.99E-04	0.00E+00	0.00E+00	0.00E+00	7.64E-05	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00
884	462999.52	3772968.67	2.59E-04	0.00E+00	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00
885	462990.42	3772968.69	2.72E-04	0.00E+00	0.00E+00	0.00E+00	4.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00
886	462981.32	3772968.71	2.86E-04	0.00E+00	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00
887	462972.22	3772968.73	3.02E-04	0.00E+00	0.00E+00	0.00E+00	4.62E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00
888	462963.12	3772968.75	3.19E-04	0.00E+00	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00
889	462954.02	3772968.76	3.36E-04	0.00E+00	0.00E+00	0.00E+00	5.14E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00
890	462944.92	3772968.78	3.53E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00
891	462935.82	3772968.8	3.70E-04	0.00E+00	0.00E+00	0.00E+00	5.67E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00
892	462926.72	3772968.82	3.86E-04	0.00E+00	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00
893	462917.62	3772968.84	4.00E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00
894	462999.47	3772948.67	2.13E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00
895	462990.37	3772948.69	2.23E-04	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00
896	462981.28	3772948.71	2.35E-04	0.00E+00	0.00E+00	0.00E+00	3.59E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00
897	462972.18	3772948.73	2.47E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00
898	462963.08	3772948.75	2.60E-04	0.00E+00	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00
899	462953.98	3772948.76	2.74E-04	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00
900	462944.88	3772948.78	2.87E-04	0.00E+00	0.00E+00	0.00E+00	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00
901	462935.78	3772948.8	3.01E-04	0.00E+00	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00
902	462926.68	3772948.82	3.14E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00
903	462917.58	3772948.84	3.27E-04	0.00E+00	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00
904	462999.43	3772928.67	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
905	462990.33	3772928.69	1.86E-04	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
906	462981.23	3772928.71	1.95E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
907	462972.13	3772928.73	2.05E-04	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
908	462963.04	3772928.75	2.16E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00

909	462953.94	3772928.76	2.26E-04	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00
910	462944.84	3772928.78	2.38E-04	0.00E+00	0.00E+00	0.00E+00	3.64E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00
911	462935.74	3772928.8	2.49E-04	0.00E+00	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00
912	462926.64	3772928.82	2.60E-04	0.00E+00	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00
913	462917.54	3772928.84	2.70E-04	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00
914	462999.39	3772908.67	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	9.93E-06	0.00E+00	0.00E+00	0.00E+00
915	462990.29	3772908.69	1.58E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
916	462981.19	3772908.71	1.65E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
917	462972.09	3772908.73	1.73E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
918	462962.99	3772908.75	1.81E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00
919	462953.89	3772908.76	1.90E-04	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00
920	462944.8	3772908.78	1.99E-04	0.00E+00	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00
921	462935.7	3772908.8	2.08E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00
922	462926.6	3772908.82	2.18E-04	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00
923	462917.5	3772908.84	2.27E-04	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00
924	462999.26	3772848.67	9.85E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	0.00E+00
925	462990.17	3772848.69	1.02E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	0.00E+00
926	462981.07	3772848.71	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	6.98E-06	0.00E+00	0.00E+00	0.00E+00
927	462971.97	3772848.73	1.11E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	7.27E-06	0.00E+00	0.00E+00	0.00E+00
928	462962.87	3772848.75	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	0.00E+00
929	462953.77	3772848.76	1.21E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	7.91E-06	0.00E+00	0.00E+00	0.00E+00
930	462944.67	3772848.78	1.26E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	8.25E-06	0.00E+00	0.00E+00	0.00E+00
931	462935.57	3772848.8	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	8.61E-06	0.00E+00	0.00E+00	0.00E+00
932	462926.47	3772848.82	1.37E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	8.97E-06	0.00E+00	0.00E+00	0.00E+00
933	462917.37	3772848.84	1.42E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	9.33E-06	0.00E+00	0.00E+00	0.00E+00
934	462999.2	3772818.67	8.18E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	0.00E+00
935	462990.1	3772818.69	8.47E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	0.00E+00
936	462981	3772818.71	8.79E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.77E-06	0.00E+00	0.00E+00	0.00E+00
937	462971.9	3772818.73	9.14E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00
938	462999.14	3772788.67	6.90E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	0.00E+00
939	462990.04	3772788.69	7.13E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	0.00E+00
940	462980.94	3772788.71	7.38E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	0.00E+00
941	462971.84	3772788.73	7.65E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	0.00E+00
942	462944.55	3772788.78	8.57E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.63E-06	0.00E+00	0.00E+00	0.00E+00
943	462935.45	3772788.8	8.91E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	0.00E+00
944	462926.35	3772788.82	9.26E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00	6.08E-06	0.00E+00	0.00E+00	0.00E+00
945	462917.25	3772788.84	9.61E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	0.00E+00
946	462999.08	3772758.67	5.89E-05	0.00E+00	0.00E+00	0.00E+00	9.02E-06	0.00E+00	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	0.00E+00
947	462989.98	3772758.69	6.08E-05	0.00E+00	0.00E+00	0.00E+00	9.30E-06	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00
948	462980.88	3772758.71	6.28E-05	0.00E+00	0.00E+00	0.00E+00	9.61E-06	0.00E+00	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	0.00E+00
949	462971.78	3772758.73	6.50E-05	0.00E+00	0.00E+00	0.00E+00	9.95E-06	0.00E+00	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00
950	462944.48	3772758.78	7.24E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	0.00E+00
951	462935.38	3772758.8	7.51E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	0.00E+00
952	462926.28	3772758.82	7.79E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	0.00E+00
953	462917.19	3772758.84	8.08E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	0.00E+00
954	462999.01	3772728.67	5.09E-05	0.00E+00	0.00E+00	0.00E+00	7.79E-06	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00
955	462989.91	3772728.69	5.24E-05	0.00E+00	0.00E+00	0.00E+00	8.02E-06	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00
956	462980.82	3772728.71	5.41E-05	0.00E+00	0.00E+00	0.00E+00	8.28E-06	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00

957	462971.72	3772728.73	5.58E-05	0.00E+00	0.00E+00	0.00E+00	8.55E-06	0.00E+00	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00
958	462944.42	3772728.78	6.18E-05	0.00E+00	0.00E+00	0.00E+00	9.47E-06	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00
959	462935.32	3772728.8	6.41E-05	0.00E+00	0.00E+00	0.00E+00	9.81E-06	0.00E+00	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	0.00E+00
960	462926.22	3772728.82	6.64E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	0.00E+00
961	462917.12	3772728.84	6.88E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00
962	462998.89	3772668.67	3.92E-05	0.00E+00	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
963	462989.79	3772668.69	4.02E-05	0.00E+00	0.00E+00	0.00E+00	6.15E-06	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00
964	462980.69	3772668.71	4.13E-05	0.00E+00	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00
965	462971.59	3772668.73	4.25E-05	0.00E+00	0.00E+00	0.00E+00	6.51E-06	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00
966	462962.49	3772668.75	4.38E-05	0.00E+00	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00
967	462953.39	3772668.77	4.52E-05	0.00E+00	0.00E+00	0.00E+00	6.92E-06	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00
968	462944.29	3772668.78	4.66E-05	0.00E+00	0.00E+00	0.00E+00	7.14E-06	0.00E+00	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	0.00E+00
969	462935.2	3772668.8	4.82E-05	0.00E+00	0.00E+00	0.00E+00	7.37E-06	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	0.00E+00
970	462926.1	3772668.82	4.98E-05	0.00E+00	0.00E+00	0.00E+00	7.62E-06	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00
971	462917	3772668.84	5.14E-05	0.00E+00	0.00E+00	0.00E+00	7.87E-06	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00
972	462998.83	3772638.67	3.48E-05	0.00E+00	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00
973	462989.73	3772638.69	3.56E-05	0.00E+00	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00
974	462980.63	3772638.71	3.66E-05	0.00E+00	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00
975	462971.53	3772638.73	3.76E-05	0.00E+00	0.00E+00	0.00E+00	5.76E-06	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	0.00E+00
976	462962.43	3772638.75	3.87E-05	0.00E+00	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00
977	462953.33	3772638.77	3.99E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-06	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00
978	462944.23	3772638.78	4.11E-05	0.00E+00	0.00E+00	0.00E+00	6.29E-06	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00
979	462935.13	3772638.8	4.23E-05	0.00E+00	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00
980	462926.03	3772638.82	4.37E-05	0.00E+00	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00
981	462916.94	3772638.84	4.51E-05	0.00E+00	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00
982	462998.76	3772608.67	3.11E-05	0.00E+00	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
983	462989.66	3772608.69	3.18E-05	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
984	462980.57	3772608.71	3.26E-05	0.00E+00	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
985	462971.47	3772608.73	3.35E-05	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00
986	462962.37	3772608.75	3.44E-05	0.00E+00	0.00E+00	0.00E+00	5.27E-06	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00
987	462953.27	3772608.77	3.54E-05	0.00E+00	0.00E+00	0.00E+00	5.42E-06	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00
988	462944.17	3772608.78	3.64E-05	0.00E+00	0.00E+00	0.00E+00	5.58E-06	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	0.00E+00
989	462935.07	3772608.8	3.75E-05	0.00E+00	0.00E+00	0.00E+00	5.74E-06	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00
990	462925.97	3772608.82	3.87E-05	0.00E+00	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00
991	462916.87	3772608.84	3.98E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-06	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00
992	463007.8	3772578.65	2.74E-05	0.00E+00	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
993	462998.7	3772578.67	2.80E-05	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00
994	462989.6	3772578.69	2.86E-05	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00
995	462980.5	3772578.71	2.93E-05	0.00E+00	0.00E+00	0.00E+00	4.49E-06	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00
996	462971.4	3772578.73	3.01E-05	0.00E+00	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
997	462962.3	3772578.75	3.09E-05	0.00E+00	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00
998	462953.21	3772578.77	3.17E-05	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00
999	462944.11	3772578.78	3.26E-05	0.00E+00	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
1000	462935.01	3772578.8	3.35E-05	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00
1001	462925.91	3772578.82	3.45E-05	0.00E+00	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00
1002	462916.81	3772578.84	3.55E-05	0.00E+00	0.00E+00	0.00E+00	5.43E-06	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00
1003	462998.64	3772548.67	2.54E-05	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
1004	462989.54	3772548.69	2.59E-05	0.00E+00	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00

1005	462980.44	3772548.71	2.65E-05	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
1006	462971.34	3772548.73	2.72E-05	0.00E+00	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
1007	462962.24	3772548.75	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00
1008	462953.14	3772548.77	2.85E-05	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
1009	462944.04	3772548.78	2.93E-05	0.00E+00	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00
1010	462934.95	3772548.8	3.01E-05	0.00E+00	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
1011	462925.85	3772548.82	3.09E-05	0.00E+00	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00
1012	462916.75	3772548.84	3.18E-05	0.00E+00	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
1013	462998.55	3772508.67	2.24E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
1014	462989.46	3772508.69	2.29E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
1015	462980.36	3772508.71	2.34E-05	0.00E+00	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
1016	462971.26	3772508.73	2.39E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
1017	462962.16	3772508.75	2.45E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
1018	462953.06	3772508.77	2.51E-05	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
1019	462943.96	3772508.78	2.57E-05	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00
1020	462934.86	3772508.8	2.63E-05	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00
1021	462925.76	3772508.82	2.70E-05	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
1022	462916.66	3772508.84	2.77E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
1023	462998.39	3772428.67	1.80E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
1024	462989.29	3772428.69	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
1025	462980.19	3772428.71	1.87E-05	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
1026	462971.09	3772428.73	1.90E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
1027	462961.99	3772428.75	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
1028	462952.89	3772428.77	1.98E-05	0.00E+00	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
1029	462943.79	3772428.78	2.03E-05	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
1030	462934.69	3772428.8	2.07E-05	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
1031	462925.6	3772428.82	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
1032	462916.5	3772428.84	2.17E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
1033	462998.3	3772388.67	1.63E-05	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
1034	462989.21	3772388.69	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
1035	462980.11	3772388.71	1.69E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
1036	462971.01	3772388.73	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
1037	462961.91	3772388.75	1.75E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
1038	462952.81	3772388.77	1.79E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
1039	462943.71	3772388.78	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
1040	462934.61	3772388.8	1.86E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
1041	462925.51	3772388.82	1.90E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
1042	462916.41	3772388.84	1.95E-05	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
1043	462998.22	3772348.67	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	9.75E-07	0.00E+00	0.00E+00	0.00E+00
1044	462989.12	3772348.69	1.51E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00	9.90E-07	0.00E+00	0.00E+00	0.00E+00
1045	462980.02	3772348.71	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
1046	462970.92	3772348.73	1.56E-05	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
1047	462961.82	3772348.75	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
1048	462952.73	3772348.77	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
1049	462943.63	3772348.78	1.65E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
1050	462934.53	3772348.8	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
1051	462925.43	3772348.82	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
1052	462916.33	3772348.84	1.75E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00

1053	462998.14	3772308.67	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00	8.94E-07	0.00E+00	0.00E+00	0.00E+00
1054	462989.04	3772308.69	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00	9.07E-07	0.00E+00	0.00E+00	0.00E+00
1055	462979.94	3772308.71	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00	9.21E-07	0.00E+00	0.00E+00	0.00E+00
1056	462970.84	3772308.73	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.36E-07	0.00E+00	0.00E+00	0.00E+00
1057	462961.74	3772308.75	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	9.51E-07	0.00E+00	0.00E+00	0.00E+00
1058	462952.64	3772308.77	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00	9.68E-07	0.00E+00	0.00E+00	0.00E+00
1059	462943.54	3772308.78	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00	9.86E-07	0.00E+00	0.00E+00	0.00E+00
1060	462934.44	3772308.8	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00
1061	462925.34	3772308.82	1.56E-05	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
1062	462916.25	3772308.84	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
1063	462998.05	3772268.67	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.23E-07	0.00E+00	0.00E+00	0.00E+00
1064	462988.95	3772268.69	1.27E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00	8.34E-07	0.00E+00	0.00E+00	0.00E+00
1065	462979.86	3772268.71	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	8.46E-07	0.00E+00	0.00E+00	0.00E+00
1066	462970.76	3772268.73	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	8.59E-07	0.00E+00	0.00E+00	0.00E+00
1067	462961.66	3772268.75	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.73E-07	0.00E+00	0.00E+00	0.00E+00
1068	462952.56	3772268.77	1.35E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00	8.88E-07	0.00E+00	0.00E+00	0.00E+00
1069	462943.46	3772268.78	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00	9.03E-07	0.00E+00	0.00E+00	0.00E+00
1070	462934.36	3772268.8	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00	9.19E-07	0.00E+00	0.00E+00	0.00E+00
1071	462925.26	3772268.82	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.36E-07	0.00E+00	0.00E+00	0.00E+00
1072	462916.16	3772268.84	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	9.54E-07	0.00E+00	0.00E+00	0.00E+00
1073	463032.11	3772238.96	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00	7.45E-07	0.00E+00	0.00E+00	0.00E+00
1074	463040.46	3772242.4	1.13E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00	7.43E-07	0.00E+00	0.00E+00	0.00E+00
1075	463057.16	3772249.28	1.13E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00	7.41E-07	0.00E+00	0.00E+00	0.00E+00
1076	463065.5	3772252.71	1.13E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00	7.41E-07	0.00E+00	0.00E+00	0.00E+00
1077	463073.85	3772256.15	1.13E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00	7.41E-07	0.00E+00	0.00E+00	0.00E+00
1078	463441.15	3772407.4	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	8.67E-07	0.00E+00	0.00E+00	0.00E+00
1079	463457.85	3772414.28	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.71E-07	0.00E+00	0.00E+00	0.00E+00
1080	463466.19	3772417.72	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.73E-07	0.00E+00	0.00E+00	0.00E+00
1081	463474.54	3772421.15	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.75E-07	0.00E+00	0.00E+00	0.00E+00
1082	463491.24	3772428.03	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	8.79E-07	0.00E+00	0.00E+00	0.00E+00
1083	463499.58	3772431.47	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00	8.81E-07	0.00E+00	0.00E+00	0.00E+00
1084	463507.93	3772434.9	1.35E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00	8.83E-07	0.00E+00	0.00E+00	0.00E+00
1085	463524.63	3772441.78	1.35E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00	8.88E-07	0.00E+00	0.00E+00	0.00E+00
1086	462997.97	3772228.67	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.62E-07	0.00E+00	0.00E+00	0.00E+00
1087	462988.87	3772228.69	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.71E-07	0.00E+00	0.00E+00	0.00E+00
1088	462979.77	3772228.71	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00	7.82E-07	0.00E+00	0.00E+00	0.00E+00
1089	462970.67	3772228.73	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00	7.93E-07	0.00E+00	0.00E+00	0.00E+00
1090	462961.57	3772228.75	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	0.00E+00
1091	462952.47	3772228.77	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00	8.18E-07	0.00E+00	0.00E+00	0.00E+00
1092	462943.38	3772228.79	1.27E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00	8.31E-07	0.00E+00	0.00E+00	0.00E+00
1093	462934.28	3772228.8	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	8.45E-07	0.00E+00	0.00E+00	0.00E+00
1094	462925.18	3772228.82	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00	8.60E-07	0.00E+00	0.00E+00	0.00E+00
1095	462916.08	3772228.84	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.75E-07	0.00E+00	0.00E+00	0.00E+00
1096	463032.15	3772199.01	1.06E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00	6.94E-07	0.00E+00	0.00E+00	0.00E+00
1097	463040.54	3772202.47	1.05E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00	6.92E-07	0.00E+00	0.00E+00	0.00E+00
1098	463048.93	3772205.92	1.05E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00	6.91E-07	0.00E+00	0.00E+00	0.00E+00
1099	463057.31	3772209.38	1.05E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00	6.91E-07	0.00E+00	0.00E+00	0.00E+00
1100	463099.25	3772226.65	1.06E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00	6.93E-07	0.00E+00	0.00E+00	0.00E+00

1101	463107.64	3772230.1	1.06E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00	6.94E-07	0.00E+00	0.00E+00	0.00E+00
1102	463116.03	3772233.56	1.06E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00	6.96E-07	0.00E+00	0.00E+00	0.00E+00
1103	463124.42	3772237.01	1.06E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00	6.98E-07	0.00E+00	0.00E+00	0.00E+00
1104	463132.81	3772240.46	1.07E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00	7.00E-07	0.00E+00	0.00E+00	0.00E+00
1105	463141.19	3772243.92	1.07E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00	7.03E-07	0.00E+00	0.00E+00	0.00E+00
1106	463149.58	3772247.37	1.08E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00	7.06E-07	0.00E+00	0.00E+00	0.00E+00
1107	463157.97	3772250.83	1.08E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00	7.08E-07	0.00E+00	0.00E+00	0.00E+00
1108	463166.36	3772254.28	1.08E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00	7.11E-07	0.00E+00	0.00E+00	0.00E+00
1109	463174.75	3772257.73	1.09E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00	7.15E-07	0.00E+00	0.00E+00	0.00E+00
1110	463434.78	3772364.81	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	0.00E+00
1111	463443.16	3772368.27	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.07E-07	0.00E+00	0.00E+00	0.00E+00
1112	463451.55	3772371.72	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.08E-07	0.00E+00	0.00E+00	0.00E+00
1113	463459.94	3772375.17	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.10E-07	0.00E+00	0.00E+00	0.00E+00
1114	463468.33	3772378.63	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.12E-07	0.00E+00	0.00E+00	0.00E+00
1115	463485.1	3772385.54	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00	8.15E-07	0.00E+00	0.00E+00	0.00E+00
1116	463493.49	3772388.99	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00	8.17E-07	0.00E+00	0.00E+00	0.00E+00
1117	463501.88	3772392.45	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00	8.19E-07	0.00E+00	0.00E+00	0.00E+00
1118	463510.27	3772395.9	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00	8.20E-07	0.00E+00	0.00E+00	0.00E+00
1119	463527.04	3772402.81	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.24E-07	0.00E+00	0.00E+00	0.00E+00
1120	463535.43	3772406.26	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00	8.25E-07	0.00E+00	0.00E+00	0.00E+00
1121	463543.82	3772409.72	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00	8.27E-07	0.00E+00	0.00E+00	0.00E+00
1122	463552.21	3772413.17	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00	8.29E-07	0.00E+00	0.00E+00	0.00E+00
1123	463568.99	3772420.08	1.27E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00	8.33E-07	0.00E+00	0.00E+00	0.00E+00
1124	463594.15	3772430.44	1.28E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00	8.39E-07	0.00E+00	0.00E+00	0.00E+00
1125	463602.54	3772433.89	1.28E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00	8.41E-07	0.00E+00	0.00E+00	0.00E+00
1126	463610.93	3772437.35	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	8.43E-07	0.00E+00	0.00E+00	0.00E+00
1127	463619.31	3772440.8	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	8.45E-07	0.00E+00	0.00E+00	0.00E+00
1128	462997.89	3772188.67	1.08E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00	7.08E-07	0.00E+00	0.00E+00	0.00E+00
1129	462988.79	3772188.69	1.09E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00	7.16E-07	0.00E+00	0.00E+00	0.00E+00
1130	462979.69	3772188.71	1.11E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00	7.25E-07	0.00E+00	0.00E+00	0.00E+00
1131	462970.59	3772188.73	1.12E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00	7.35E-07	0.00E+00	0.00E+00	0.00E+00
1132	462961.49	3772188.75	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00	7.46E-07	0.00E+00	0.00E+00	0.00E+00
1133	462952.39	3772188.77	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00	7.57E-07	0.00E+00	0.00E+00	0.00E+00
1134	462943.29	3772188.79	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00	7.68E-07	0.00E+00	0.00E+00	0.00E+00
1135	462934.19	3772188.8	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00	7.81E-07	0.00E+00	0.00E+00	0.00E+00
1136	462925.09	3772188.82	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00	7.93E-07	0.00E+00	0.00E+00	0.00E+00
1137	462916	3772188.84	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.07E-07	0.00E+00	0.00E+00	0.00E+00
1138	463031.88	3772158.94	9.87E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00	6.48E-07	0.00E+00	0.00E+00	0.00E+00
1139	463048.53	3772165.8	9.84E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00	6.46E-07	0.00E+00	0.00E+00	0.00E+00
1140	463056.86	3772169.22	9.83E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00	6.45E-07	0.00E+00	0.00E+00	0.00E+00
1141	463065.19	3772172.65	9.83E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00	6.45E-07	0.00E+00	0.00E+00	0.00E+00
1142	463081.84	3772179.51	9.84E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00	6.46E-07	0.00E+00	0.00E+00	0.00E+00
1143	463090.17	3772182.94	9.85E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00	6.46E-07	0.00E+00	0.00E+00	0.00E+00
1144	463106.82	3772189.8	9.89E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00	6.49E-07	0.00E+00	0.00E+00	0.00E+00
1145	463115.14	3772193.23	9.90E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00	6.50E-07	0.00E+00	0.00E+00	0.00E+00
1146	463123.47	3772196.65	9.93E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00	6.52E-07	0.00E+00	0.00E+00	0.00E+00
1147	463140.12	3772203.51	1.00E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00	6.56E-07	0.00E+00	0.00E+00	0.00E+00
1148	463148.45	3772206.94	1.00E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00	6.59E-07	0.00E+00	0.00E+00	0.00E+00

1149	463198.41	3772227.51	1.03E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00	6.77E-07	0.00E+00	0.00E+00	0.00E+00
1150	463206.73	3772230.94	1.04E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00	6.80E-07	0.00E+00	0.00E+00	0.00E+00
1151	463223.39	3772237.8	1.05E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00	6.87E-07	0.00E+00	0.00E+00	0.00E+00
1152	463231.71	3772241.23	1.05E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00	6.91E-07	0.00E+00	0.00E+00	0.00E+00
1153	463240.04	3772244.66	1.06E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00	6.94E-07	0.00E+00	0.00E+00	0.00E+00
1154	463256.69	3772251.51	1.07E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00	7.01E-07	0.00E+00	0.00E+00	0.00E+00
1155	463265.02	3772254.94	1.07E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00	7.04E-07	0.00E+00	0.00E+00	0.00E+00
1156	463439.87	3772326.95	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	7.54E-07	0.00E+00	0.00E+00	0.00E+00
1157	463456.53	3772333.8	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	7.56E-07	0.00E+00	0.00E+00	0.00E+00
1158	463464.85	3772337.23	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00	7.58E-07	0.00E+00	0.00E+00	0.00E+00
1159	463473.18	3772340.66	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00	7.59E-07	0.00E+00	0.00E+00	0.00E+00
1160	463489.83	3772347.52	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.62E-07	0.00E+00	0.00E+00	0.00E+00
1161	463498.16	3772350.95	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.64E-07	0.00E+00	0.00E+00	0.00E+00
1162	463506.48	3772354.38	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.65E-07	0.00E+00	0.00E+00	0.00E+00
1163	463523.14	3772361.23	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00	7.67E-07	0.00E+00	0.00E+00	0.00E+00
1164	463531.46	3772364.66	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00	7.69E-07	0.00E+00	0.00E+00	0.00E+00
1165	463548.12	3772371.52	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.72E-07	0.00E+00	0.00E+00	0.00E+00
1166	463556.44	3772374.95	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.73E-07	0.00E+00	0.00E+00	0.00E+00
1167	463564.77	3772378.38	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00	7.75E-07	0.00E+00	0.00E+00	0.00E+00
1168	463589.75	3772388.66	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00	7.80E-07	0.00E+00	0.00E+00	0.00E+00
1169	463606.4	3772395.52	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00	7.83E-07	0.00E+00	0.00E+00	0.00E+00
1170	463614.73	3772398.95	1.20E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00	7.85E-07	0.00E+00	0.00E+00	0.00E+00
1171	463623.05	3772402.38	1.20E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00	7.87E-07	0.00E+00	0.00E+00	0.00E+00
1172	463639.71	3772409.23	1.20E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00	7.91E-07	0.00E+00	0.00E+00	0.00E+00
1173	463648.03	3772412.66	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00	7.92E-07	0.00E+00	0.00E+00	0.00E+00
1174	463664.69	3772419.52	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00	7.96E-07	0.00E+00	0.00E+00	0.00E+00
1175	463673.01	3772422.95	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00	7.98E-07	0.00E+00	0.00E+00	0.00E+00
1176	463681.34	3772426.38	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.00E-07	0.00E+00	0.00E+00	0.00E+00
1177	463697.99	3772433.24	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.03E-07	0.00E+00	0.00E+00	0.00E+00
1178	463706.32	3772436.66	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	0.00E+00
1179	462997.8	3772148.67	1.01E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00	6.60E-07	0.00E+00	0.00E+00	0.00E+00
1180	462988.7	3772148.69	1.02E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	0.00E+00	6.68E-07	0.00E+00	0.00E+00	0.00E+00
1181	462979.6	3772148.71	1.03E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00	6.76E-07	0.00E+00	0.00E+00	0.00E+00
1182	462970.51	3772148.73	1.04E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00	6.84E-07	0.00E+00	0.00E+00	0.00E+00
1183	462961.41	3772148.75	1.06E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00	6.94E-07	0.00E+00	0.00E+00	0.00E+00
1184	462952.31	3772148.77	1.07E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00	7.03E-07	0.00E+00	0.00E+00	0.00E+00
1185	462943.21	3772148.79	1.09E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00	7.13E-07	0.00E+00	0.00E+00	0.00E+00
1186	462934.11	3772148.8	1.10E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00	7.24E-07	0.00E+00	0.00E+00	0.00E+00
1187	462925.01	3772148.82	1.12E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00	7.35E-07	0.00E+00	0.00E+00	0.00E+00
1188	462915.91	3772148.84	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00	7.48E-07	0.00E+00	0.00E+00	0.00E+00
1189	462908	3773148.93	5.52E-03	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00
1190	462908.09	3773158.89	6.27E-03	0.00E+00	0.00E+00	0.00E+00	9.59E-04	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00
1191	462908.18	3773168.84	6.92E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00
1192	462908.27	3773178.8	7.39E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00
1193	462908.36	3773188.75	7.65E-03	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00
1194	462908.46	3773198.71	7.70E-03	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00
1195	462908.55	3773208.66	7.51E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	0.00E+00
1196	462908.64	3773218.62	7.10E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00

1197	462908.73	3773228.57	6.48E-03	0.00E+00	0.00E+00	0.00E+00	9.93E-04	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00
1198	462908.82	3773238.53	5.73E-03	0.00E+00	0.00E+00	0.00E+00	8.77E-04	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00
1199	462900.89	3773141.9	4.11E-03	0.00E+00	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00
1200	462898.09	3773158.98	4.49E-03	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00
1201	462898.18	3773168.93	4.80E-03	0.00E+00	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00
1202	462898.27	3773178.89	5.02E-03	0.00E+00	0.00E+00	0.00E+00	7.69E-04	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00
1203	462898.36	3773188.84	5.12E-03	0.00E+00	0.00E+00	0.00E+00	7.84E-04	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00
1204	462898.46	3773198.8	5.09E-03	0.00E+00	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00
1205	462898.55	3773208.75	4.92E-03	0.00E+00	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00
1206	462898.64	3773218.71	4.63E-03	0.00E+00	0.00E+00	0.00E+00	7.09E-04	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00
1207	462898.73	3773228.66	4.26E-03	0.00E+00	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00
1208	462898.82	3773238.62	3.84E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00
1209	462890.89	3773141.99	3.20E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00
1210	462903.76	3773124.78	3.41E-03	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00
1211	462888.09	3773159.07	3.34E-03	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00
1212	462888.18	3773169.02	3.49E-03	0.00E+00	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00
1213	462888.27	3773178.98	3.58E-03	0.00E+00	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00
1214	462888.37	3773188.93	3.61E-03	0.00E+00	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00
1215	462888.46	3773198.89	3.55E-03	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00
1216	462888.55	3773208.84	3.43E-03	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00
1217	462888.64	3773218.8	3.24E-03	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00
1218	462888.73	3773228.75	3.02E-03	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00
1219	462888.82	3773238.71	2.77E-03	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00
1220	462880.89	3773142.08	2.53E-03	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00
1221	462886.67	3773127.84	2.56E-03	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00
1222	462896.65	3773117.75	2.72E-03	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00
1223	462878.09	3773159.16	2.56E-03	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00
1224	462878.18	3773169.12	2.63E-03	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00
1225	462878.27	3773179.07	2.66E-03	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00
1226	462878.37	3773189.03	2.66E-03	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00
1227	462878.46	3773198.98	2.60E-03	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00
1228	462878.55	3773208.94	2.51E-03	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00
1229	462878.64	3773218.89	2.39E-03	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00
1230	462878.73	3773228.85	2.25E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00
1231	462878.82	3773238.8	2.09E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00
1232	462871.61	3773140.39	2.04E-03	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00
1233	462875.22	3773131.49	2.10E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00
1234	462878.84	3773122.59	2.10E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00
1235	462891.31	3773109.97	2.27E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00
1236	462900.17	3773106.26	2.43E-03	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00
1237	462909.03	3773102.55	2.52E-03	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00
1238	462868	3773149.3	1.95E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00
1239	462868.09	3773159.25	2.01E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00
1240	462868.18	3773169.21	2.04E-03	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00
1241	462868.28	3773179.16	2.04E-03	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00
1242	462868.37	3773189.12	2.03E-03	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00
1243	462868.46	3773199.07	1.98E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00
1244	462868.55	3773209.03	1.92E-03	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00

1245	462868.64	3773218.98	1.83E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00
1246	462868.73	3773228.94	1.74E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00
1247	462868.82	3773238.89	1.63E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00
1248	462861.47	3773140.84	1.66E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00
1249	462864.94	3773132.29	1.72E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00
1250	462868.4	3773123.75	1.76E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00
1251	462871.87	3773115.2	1.76E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00
1252	462883.84	3773103.09	1.89E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00
1253	462892.35	3773099.53	2.01E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00
1254	462900.86	3773095.97	2.10E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00
1255	462909.37	3773092.4	2.13E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00
1256	462858	3773149.39	1.58E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00
1257	462858.09	3773159.34	1.60E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00
1258	462858.18	3773169.3	1.61E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00
1259	462858.28	3773179.25	1.61E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00
1260	462858.37	3773189.21	1.59E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00
1261	462858.46	3773199.16	1.56E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00
1262	462858.55	3773209.12	1.51E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	9.90E-05	0.00E+00	0.00E+00	0.00E+00
1263	462858.64	3773219.07	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	9.52E-05	0.00E+00	0.00E+00	0.00E+00
1264	462858.73	3773229.03	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	9.09E-05	0.00E+00	0.00E+00	0.00E+00
1265	462858.82	3773238.98	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	8.61E-05	0.00E+00	0.00E+00	0.00E+00
1266	462851.37	3773141.17	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	8.95E-05	0.00E+00	0.00E+00	0.00E+00
1267	462854.74	3773132.86	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	9.35E-05	0.00E+00	0.00E+00	0.00E+00
1268	462861.48	3773116.24	1.49E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	9.81E-05	0.00E+00	0.00E+00	0.00E+00
1269	462876.5	3773096.16	1.60E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00
1270	462893.04	3773089.23	1.77E-03	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00
1271	462848.09	3773159.43	1.30E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	8.54E-05	0.00E+00	0.00E+00	0.00E+00
1272	462848.18	3773169.39	1.30E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	8.54E-05	0.00E+00	0.00E+00	0.00E+00
1273	462848.28	3773179.34	1.29E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	8.49E-05	0.00E+00	0.00E+00	0.00E+00
1274	462848.37	3773189.3	1.28E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	8.37E-05	0.00E+00	0.00E+00	0.00E+00
1275	462848.46	3773199.25	1.25E-03	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	8.20E-05	0.00E+00	0.00E+00	0.00E+00
1276	462848.55	3773209.21	1.22E-03	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-05	0.00E+00	0.00E+00	0.00E+00
1277	462848.64	3773219.16	1.17E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05	0.00E+00	0.00E+00	0.00E+00
1278	462848.73	3773229.12	1.13E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-05	0.00E+00	0.00E+00	0.00E+00
1279	462848.82	3773239.07	1.08E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05	0.00E+00	0.00E+00	0.00E+00
1280	462841.3	3773141.43	1.13E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-05	0.00E+00	0.00E+00	0.00E+00
1281	462847.91	3773125.15	1.23E-03	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-05	0.00E+00	0.00E+00	0.00E+00
1282	462854.51	3773108.87	1.29E-03	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05	0.00E+00	0.00E+00	0.00E+00
1283	462869.22	3773089.2	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	9.01E-05	0.00E+00	0.00E+00	0.00E+00
1284	462885.42	3773082.41	1.52E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	9.95E-05	0.00E+00	0.00E+00	0.00E+00
1285	462901.63	3773075.63	1.56E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00
1286	462838.09	3773159.53	1.07E-03	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	7.04E-05	0.00E+00	0.00E+00	0.00E+00
1287	462838.19	3773169.48	1.07E-03	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	7.02E-05	0.00E+00	0.00E+00	0.00E+00
1288	462838.28	3773179.44	1.06E-03	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.95E-05	0.00E+00	0.00E+00	0.00E+00
1289	462838.37	3773189.39	1.04E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-05	0.00E+00	0.00E+00	0.00E+00
1290	462838.46	3773199.35	1.02E-03	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05	0.00E+00	0.00E+00	0.00E+00
1291	462838.55	3773209.3	9.99E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-05	0.00E+00	0.00E+00	0.00E+00
1292	462838.64	3773219.26	9.69E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-05	0.00E+00	0.00E+00	0.00E+00

1293	462838.73	3773229.21	9.35E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	0.00E+00
1294	462838.82	3773239.17	8.97E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-05	0.00E+00	0.00E+00	0.00E+00
1295	462831.72	3773140.5	9.57E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	6.28E-05	0.00E+00	0.00E+00	0.00E+00
1296	462835.43	3773131.35	1.01E-03	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05	0.00E+00	0.00E+00	0.00E+00
1297	462839.15	3773122.19	1.06E-03	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.95E-05	0.00E+00	0.00E+00	0.00E+00
1298	462842.86	3773113.03	1.10E-03	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	7.19E-05	0.00E+00	0.00E+00	0.00E+00
1299	462846.58	3773103.87	1.12E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	7.34E-05	0.00E+00	0.00E+00	0.00E+00
1300	462850.29	3773094.72	1.13E-03	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05	0.00E+00	0.00E+00	0.00E+00
1301	462863.12	3773081.74	1.20E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-05	0.00E+00	0.00E+00	0.00E+00
1302	462872.23	3773077.92	1.28E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-05	0.00E+00	0.00E+00	0.00E+00
1303	462881.35	3773074.11	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	8.73E-05	0.00E+00	0.00E+00	0.00E+00
1304	462890.47	3773070.29	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	8.91E-05	0.00E+00	0.00E+00	0.00E+00
1305	462899.58	3773066.47	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	8.90E-05	0.00E+00	0.00E+00	0.00E+00
1306	462908.7	3773062.66	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	8.70E-05	0.00E+00	0.00E+00	0.00E+00
1307	462828	3773149.66	8.99E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-05	0.00E+00	0.00E+00	0.00E+00
1308	462828.09	3773159.62	8.96E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-05	0.00E+00	0.00E+00	0.00E+00
1309	462828.19	3773169.57	8.91E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	5.85E-05	0.00E+00	0.00E+00	0.00E+00
1310	462828.28	3773179.53	8.82E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	5.79E-05	0.00E+00	0.00E+00	0.00E+00
1311	462828.37	3773189.48	8.69E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	5.71E-05	0.00E+00	0.00E+00	0.00E+00
1312	462828.46	3773199.44	8.54E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	5.60E-05	0.00E+00	0.00E+00	0.00E+00
1313	462828.55	3773209.39	8.35E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	5.48E-05	0.00E+00	0.00E+00	0.00E+00
1314	462828.64	3773219.35	8.13E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	0.00E+00
1315	462828.73	3773229.3	7.87E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	5.17E-05	0.00E+00	0.00E+00	0.00E+00
1316	462828.82	3773239.26	7.58E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00
1317	462821.62	3773140.85	8.10E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	5.32E-05	0.00E+00	0.00E+00	0.00E+00
1318	462825.23	3773131.95	8.57E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	5.62E-05	0.00E+00	0.00E+00	0.00E+00
1319	462828.84	3773123.04	9.00E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	0.00E+00
1320	462832.45	3773114.14	9.37E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	6.15E-05	0.00E+00	0.00E+00	0.00E+00
1321	462836.06	3773105.24	9.66E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	6.34E-05	0.00E+00	0.00E+00	0.00E+00
1322	462839.67	3773096.33	9.83E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-05	0.00E+00	0.00E+00	0.00E+00
1323	462843.28	3773087.43	9.89E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	6.49E-05	0.00E+00	0.00E+00	0.00E+00
1324	462855.76	3773074.82	1.05E-03	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	0.00E+00
1325	462864.62	3773071.11	1.12E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-05	0.00E+00	0.00E+00	0.00E+00
1326	462873.48	3773067.39	1.16E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-05	0.00E+00	0.00E+00	0.00E+00
1327	462882.34	3773063.68	1.19E-03	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	7.81E-05	0.00E+00	0.00E+00	0.00E+00
1328	462891.2	3773059.97	1.20E-03	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	7.86E-05	0.00E+00	0.00E+00	0.00E+00
1329	462900.07	3773056.26	1.18E-03	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	7.75E-05	0.00E+00	0.00E+00	0.00E+00
1330	462908.93	3773052.55	1.14E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05	0.00E+00	0.00E+00	0.00E+00
1331	462818	3773149.75	7.62E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	0.00E+00
1332	462818.1	3773159.71	7.58E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.97E-05	0.00E+00	0.00E+00	0.00E+00
1333	462818.19	3773169.66	7.52E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00
1334	462818.28	3773179.62	7.44E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	0.00E+00
1335	462818.37	3773189.57	7.34E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	0.00E+00
1336	462818.46	3773199.53	7.21E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	0.00E+00
1337	462818.55	3773209.48	7.07E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	4.64E-05	0.00E+00	0.00E+00	0.00E+00
1338	462818.64	3773219.44	6.90E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00
1339	462818.73	3773229.39	6.71E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	4.40E-05	0.00E+00	0.00E+00	0.00E+00
1340	462818.82	3773239.35	6.49E-04	0.00E+00	0.00E+00	0.00E+00	9.94E-05	0.00E+00	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00

1341	462801.47	3773141.39	5.95E-04	0.00E+00	0.00E+00	0.00E+00	9.11E-05	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00
1342	462804.94	3773132.84	6.29E-04	0.00E+00	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00
1343	462808.41	3773124.3	6.62E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	0.00E+00
1344	462811.87	3773115.75	6.94E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	0.00E+00
1345	462815.34	3773107.2	7.23E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-05	0.00E+00	0.00E+00	0.00E+00
1346	462818.81	3773098.65	7.47E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-05	0.00E+00	0.00E+00	0.00E+00
1347	462822.27	3773090.11	7.65E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	0.00E+00
1348	462825.74	3773081.56	7.77E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-05	0.00E+00	0.00E+00	0.00E+00
1349	462829.21	3773073.01	7.81E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	0.00E+00
1350	462841.18	3773060.9	8.28E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-05	0.00E+00	0.00E+00	0.00E+00
1351	462849.69	3773057.34	8.73E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	5.73E-05	0.00E+00	0.00E+00	0.00E+00
1352	462858.2	3773053.78	9.10E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.97E-05	0.00E+00	0.00E+00	0.00E+00
1353	462866.7	3773050.22	9.35E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	0.00E+00
1354	462875.21	3773046.65	9.48E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	6.22E-05	0.00E+00	0.00E+00	0.00E+00
1355	462883.72	3773043.09	9.48E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	6.22E-05	0.00E+00	0.00E+00	0.00E+00
1356	462892.23	3773039.53	9.35E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00
1357	462900.73	3773035.97	9.08E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.96E-05	0.00E+00	0.00E+00	0.00E+00
1358	462909.24	3773032.4	8.69E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-05	0.00E+00	0.00E+00	0.00E+00
1359	462798.01	3773149.94	5.62E-04	0.00E+00	0.00E+00	0.00E+00	8.60E-05	0.00E+00	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00
1360	462798.1	3773159.89	5.57E-04	0.00E+00	0.00E+00	0.00E+00	8.53E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	0.00E+00
1361	462798.19	3773169.85	5.52E-04	0.00E+00	0.00E+00	0.00E+00	8.46E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00
1362	462798.28	3773179.8	5.47E-04	0.00E+00	0.00E+00	0.00E+00	8.37E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-05	0.00E+00	0.00E+00	0.00E+00
1363	462798.37	3773189.76	5.40E-04	0.00E+00	0.00E+00	0.00E+00	8.27E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-05	0.00E+00	0.00E+00	0.00E+00
1364	462798.46	3773199.71	5.33E-04	0.00E+00	0.00E+00	0.00E+00	8.16E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00
1365	462798.55	3773209.67	5.24E-04	0.00E+00	0.00E+00	0.00E+00	8.03E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	0.00E+00
1366	462798.64	3773219.62	5.15E-04	0.00E+00	0.00E+00	0.00E+00	7.88E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00
1367	462798.73	3773229.58	5.03E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00
1368	462798.82	3773239.53	4.90E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	0.00E+00
1369	462781.68	3773141.05	4.53E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00
1370	462785.36	3773131.99	4.79E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00
1371	462789.04	3773122.92	5.06E-04	0.00E+00	0.00E+00	0.00E+00	7.75E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	0.00E+00
1372	462792.71	3773113.86	5.33E-04	0.00E+00	0.00E+00	0.00E+00	8.16E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00
1373	462796.39	3773104.79	5.59E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00
1374	462800.07	3773095.73	5.82E-04	0.00E+00	0.00E+00	0.00E+00	8.91E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	0.00E+00
1375	462803.74	3773086.66	6.02E-04	0.00E+00	0.00E+00	0.00E+00	9.22E-05	0.00E+00	0.00E+00	0.00E+00	3.95E-05	0.00E+00	0.00E+00	0.00E+00
1376	462807.42	3773077.6	6.18E-04	0.00E+00	0.00E+00	0.00E+00	9.46E-05	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00
1377	462811.1	3773068.53	6.28E-04	0.00E+00	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00
1378	462814.77	3773059.47	6.33E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-05	0.00E+00	0.00E+00	0.00E+00	4.15E-05	0.00E+00	0.00E+00	0.00E+00
1379	462827.47	3773046.62	6.72E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	0.00E+00
1380	462836.5	3773042.85	7.08E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	4.64E-05	0.00E+00	0.00E+00	0.00E+00
1381	462845.52	3773039.07	7.37E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.84E-05	0.00E+00	0.00E+00	0.00E+00
1382	462854.54	3773035.29	7.59E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00
1383	462863.57	3773031.51	7.70E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	0.00E+00
1384	462872.59	3773027.73	7.72E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	0.00E+00
1385	462881.61	3773023.95	7.62E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	0.00E+00
1386	462890.64	3773020.18	7.43E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.87E-05	0.00E+00	0.00E+00	0.00E+00
1387	462899.66	3773016.4	7.14E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.68E-05	0.00E+00	0.00E+00	0.00E+00
1388	462908.68	3773012.62	6.77E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	0.00E+00

1389	462778.01	3773150.12	4.28E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00
1390	462778.1	3773160.07	4.24E-04	0.00E+00	0.00E+00	0.00E+00	6.50E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00
1391	462778.19	3773170.03	4.21E-04	0.00E+00	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00
1392	462778.28	3773179.98	4.17E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00
1393	462778.37	3773189.94	4.13E-04	0.00E+00	0.00E+00	0.00E+00	6.32E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00
1394	462778.46	3773199.89	4.08E-04	0.00E+00	0.00E+00	0.00E+00	6.25E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00
1395	462778.55	3773209.85	4.03E-04	0.00E+00	0.00E+00	0.00E+00	6.17E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00
1396	462778.64	3773219.8	3.97E-04	0.00E+00	0.00E+00	0.00E+00	6.07E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00
1397	462778.73	3773229.76	3.90E-04	0.00E+00	0.00E+00	0.00E+00	5.96E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00
1398	462778.82	3773239.71	3.81E-04	0.00E+00	0.00E+00	0.00E+00	5.83E-05	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00
1399	462761.56	3773141.54	3.52E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00
1400	462765.12	3773132.77	3.71E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00
1401	462768.67	3773124	3.90E-04	0.00E+00	0.00E+00	0.00E+00	5.97E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00
1402	462772.23	3773115.24	4.10E-04	0.00E+00	0.00E+00	0.00E+00	6.28E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00
1403	462775.78	3773106.47	4.31E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	0.00E+00
1404	462779.34	3773097.7	4.51E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00
1405	462782.9	3773088.94	4.70E-04	0.00E+00	0.00E+00	0.00E+00	7.19E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	0.00E+00
1406	462786.45	3773080.17	4.86E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00
1407	462790.01	3773071.41	5.01E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00
1408	462793.56	3773062.64	5.12E-04	0.00E+00	0.00E+00	0.00E+00	7.84E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00
1409	462797.12	3773053.87	5.20E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	0.00E+00
1410	462800.67	3773045.11	5.23E-04	0.00E+00	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00
1411	462812.96	3773032.69	5.53E-04	0.00E+00	0.00E+00	0.00E+00	8.46E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00
1412	462821.68	3773029.03	5.80E-04	0.00E+00	0.00E+00	0.00E+00	8.89E-05	0.00E+00	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	0.00E+00
1413	462830.41	3773025.38	6.04E-04	0.00E+00	0.00E+00	0.00E+00	9.25E-05	0.00E+00	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	0.00E+00
1414	462839.13	3773021.72	6.22E-04	0.00E+00	0.00E+00	0.00E+00	9.53E-05	0.00E+00	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00
1415	462847.86	3773018.07	6.35E-04	0.00E+00	0.00E+00	0.00E+00	9.72E-05	0.00E+00	0.00E+00	0.00E+00	4.17E-05	0.00E+00	0.00E+00	0.00E+00
1416	462856.58	3773014.42	6.41E-04	0.00E+00	0.00E+00	0.00E+00	9.81E-05	0.00E+00	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	0.00E+00
1417	462865.31	3773010.76	6.39E-04	0.00E+00	0.00E+00	0.00E+00	9.78E-05	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00
1418	462874.04	3773007.11	6.30E-04	0.00E+00	0.00E+00	0.00E+00	9.65E-05	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00
1419	462882.76	3773003.46	6.14E-04	0.00E+00	0.00E+00	0.00E+00	9.41E-05	0.00E+00	0.00E+00	0.00E+00	4.03E-05	0.00E+00	0.00E+00	0.00E+00
1420	462891.49	3772999.8	5.92E-04	0.00E+00	0.00E+00	0.00E+00	9.07E-05	0.00E+00	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	0.00E+00
1421	462900.21	3772996.15	5.65E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00
1422	462908.94	3772992.49	5.33E-04	0.00E+00	0.00E+00	0.00E+00	8.17E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00
1423	462758.01	3773150.3	3.35E-04	0.00E+00	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00
1424	462758.1	3773160.26	3.32E-04	0.00E+00	0.00E+00	0.00E+00	5.09E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00
1425	462758.19	3773170.21	3.30E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00
1426	462758.28	3773180.17	3.27E-04	0.00E+00	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00
1427	462758.37	3773190.12	3.25E-04	0.00E+00	0.00E+00	0.00E+00	4.97E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00
1428	462758.46	3773200.08	3.22E-04	0.00E+00	0.00E+00	0.00E+00	4.92E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00
1429	462758.55	3773210.03	3.18E-04	0.00E+00	0.00E+00	0.00E+00	4.87E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00
1430	462758.64	3773219.99	3.14E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00
1431	462758.73	3773229.94	3.10E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00
1432	462758.83	3773239.9	3.04E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00
1433	462745.44	3773132.17	2.96E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00
1434	462749.15	3773123.01	3.11E-04	0.00E+00	0.00E+00	0.00E+00	4.76E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00
1435	462752.86	3773113.85	3.27E-04	0.00E+00	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00
1436	462756.58	3773104.7	3.44E-04	0.00E+00	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00

1437	462760.29	3773095.54	3.61E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00
1438	462764.01	3773086.38	3.78E-04	0.00E+00	0.00E+00	0.00E+00	5.78E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00
1439	462767.72	3773077.22	3.93E-04	0.00E+00	0.00E+00	0.00E+00	6.02E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00
1440	462771.44	3773068.07	4.08E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00
1441	462775.15	3773058.91	4.20E-04	0.00E+00	0.00E+00	0.00E+00	6.43E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00
1442	462778.87	3773049.75	4.29E-04	0.00E+00	0.00E+00	0.00E+00	6.57E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00
1443	462782.58	3773040.59	4.36E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00
1444	462786.29	3773031.44	4.39E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00
1445	462799.12	3773018.46	4.65E-04	0.00E+00	0.00E+00	0.00E+00	7.12E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	0.00E+00
1446	462808.24	3773014.64	4.88E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00
1447	462817.35	3773010.83	5.08E-04	0.00E+00	0.00E+00	0.00E+00	7.77E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00
1448	462826.47	3773007.01	5.23E-04	0.00E+00	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00
1449	462835.59	3773003.19	5.34E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00
1450	462844.7	3772999.38	5.40E-04	0.00E+00	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00
1451	462853.82	3772995.56	5.40E-04	0.00E+00	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00
1452	462862.93	3772991.74	5.33E-04	0.00E+00	0.00E+00	0.00E+00	8.16E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00
1453	462872.05	3772987.93	5.21E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00
1454	462881.16	3772984.11	5.04E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00
1455	462890.28	3772980.29	4.83E-04	0.00E+00	0.00E+00	0.00E+00	7.39E-05	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00
1456	462899.39	3772976.47	4.57E-04	0.00E+00	0.00E+00	0.00E+00	7.00E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00
1457	462908.51	3772972.66	4.30E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00
1458	462721.62	3773141.76	2.29E-04	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00
1459	462725.23	3773132.86	2.39E-04	0.00E+00	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00
1460	462728.84	3773123.96	2.50E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00
1461	462746.9	3773079.44	3.14E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00
1462	462750.51	3773070.54	3.27E-04	0.00E+00	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00
1463	462754.12	3773061.63	3.39E-04	0.00E+00	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00
1464	462757.73	3773052.73	3.50E-04	0.00E+00	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00
1465	462761.34	3773043.83	3.59E-04	0.00E+00	0.00E+00	0.00E+00	5.50E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00
1466	462764.95	3773034.92	3.67E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00
1467	462768.56	3773026.02	3.72E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00
1468	462772.18	3773017.12	3.75E-04	0.00E+00	0.00E+00	0.00E+00	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00
1469	462784.65	3773004.5	3.95E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00
1470	462793.51	3773000.79	4.13E-04	0.00E+00	0.00E+00	0.00E+00	6.33E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00
1471	462802.37	3772997.08	4.29E-04	0.00E+00	0.00E+00	0.00E+00	6.57E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00
1472	462811.24	3772993.37	4.43E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00
1473	462820.1	3772989.66	4.53E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00
1474	462828.96	3772985.95	4.59E-04	0.00E+00	0.00E+00	0.00E+00	7.03E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00
1475	462837.82	3772982.24	4.62E-04	0.00E+00	0.00E+00	0.00E+00	7.07E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00
1476	462846.68	3772978.53	4.60E-04	0.00E+00	0.00E+00	0.00E+00	7.04E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00
1477	462855.55	3772974.82	4.54E-04	0.00E+00	0.00E+00	0.00E+00	6.95E-05	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00
1478	462864.41	3772971.11	4.44E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00
1479	462873.27	3772967.39	4.30E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00
1480	462882.13	3772963.68	4.13E-04	0.00E+00	0.00E+00	0.00E+00	6.33E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00
1481	462891	3772959.97	3.94E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00
1482	462899.86	3772956.26	3.73E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00
1483	462908.72	3772952.55	3.50E-04	0.00E+00	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00
1484	462718.01	3773150.67	2.19E-04	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00

1485	462718.1	3773160.62	2.18E-04	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00
1486	462718.19	3773170.58	2.17E-04	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00
1487	462718.28	3773180.53	2.15E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00
1488	462718.37	3773190.49	2.14E-04	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00
1489	462718.46	3773200.44	2.13E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00
1490	462718.55	3773210.4	2.12E-04	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
1491	462718.65	3773220.35	2.10E-04	0.00E+00	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
1492	462718.74	3773230.31	2.08E-04	0.00E+00	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
1493	462718.83	3773240.26	2.05E-04	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
1494	462701.75	3773141.63	1.90E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00
1495	462705.49	3773132.42	1.98E-04	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00
1496	462709.23	3773123.2	2.07E-04	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
1497	462712.96	3773113.98	2.16E-04	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00
1498	462716.7	3773104.76	2.26E-04	0.00E+00	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00
1499	462720.44	3773095.55	2.37E-04	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00
1500	462724.18	3773086.33	2.48E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00
1501	462727.92	3773077.11	2.60E-04	0.00E+00	0.00E+00	0.00E+00	3.97E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00
1502	462731.66	3773067.89	2.71E-04	0.00E+00	0.00E+00	0.00E+00	4.15E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00
1503	462735.4	3773058.68	2.82E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00
1504	462739.13	3773049.46	2.92E-04	0.00E+00	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00
1505	462742.87	3773040.24	3.01E-04	0.00E+00	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00
1506	462746.61	3773031.02	3.09E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00
1507	462750.35	3773021.81	3.16E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00
1508	462754.09	3773012.59	3.20E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00
1509	462757.83	3773003.37	3.23E-04	0.00E+00	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00
1510	462770.74	3772990.31	3.41E-04	0.00E+00	0.00E+00	0.00E+00	5.22E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00
1511	462779.92	3772986.47	3.56E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00
1512	462789.09	3772982.63	3.70E-04	0.00E+00	0.00E+00	0.00E+00	5.67E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00
1513	462798.27	3772978.78	3.82E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00
1514	462807.44	3772974.94	3.91E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00
1515	462816.62	3772971.1	3.97E-04	0.00E+00	0.00E+00	0.00E+00	6.07E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00
1516	462825.79	3772967.26	3.99E-04	0.00E+00	0.00E+00	0.00E+00	6.11E-05	0.00E+00	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	0.00E+00
1517	462834.97	3772963.42	3.99E-04	0.00E+00	0.00E+00	0.00E+00	6.10E-05	0.00E+00	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	0.00E+00
1518	462844.14	3772959.58	3.94E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00
1519	462853.32	3772955.73	3.87E-04	0.00E+00	0.00E+00	0.00E+00	5.92E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00
1520	462862.49	3772951.89	3.76E-04	0.00E+00	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00
1521	462871.67	3772948.05	3.62E-04	0.00E+00	0.00E+00	0.00E+00	5.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00
1522	462880.84	3772944.21	3.46E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00
1523	462890.02	3772940.37	3.29E-04	0.00E+00	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00
1524	462899.19	3772936.52	3.10E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00
1525	462908.37	3772932.68	2.90E-04	0.00E+00	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00
1526	462698.01	3773150.85	1.82E-04	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
1527	462698.1	3773160.81	1.81E-04	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00
1528	462698.19	3773170.76	1.80E-04	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
1529	462698.28	3773180.72	1.80E-04	0.00E+00	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
1530	462698.37	3773190.67	1.79E-04	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
1531	462698.46	3773200.63	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
1532	462698.56	3773210.58	1.77E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00

1533	462698.65	3773220.54	1.76E-04	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00
1534	462698.74	3773230.49	1.73E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
1535	462698.83	3773240.45	1.71E-04	0.00E+00	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
1536	462681.66	3773142.04	1.59E-04	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
1537	462685.31	3773133.04	1.65E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
1538	462688.96	3773124.04	1.72E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00
1539	462692.61	3773115.05	1.79E-04	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
1540	462696.26	3773106.05	1.86E-04	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
1541	462699.91	3773097.05	1.95E-04	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
1542	462703.55	3773088.05	2.03E-04	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00
1543	462707.2	3773079.06	2.12E-04	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
1544	462710.85	3773070.06	2.22E-04	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00
1545	462714.5	3773061.06	2.31E-04	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00
1546	462718.15	3773052.07	2.40E-04	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00
1547	462721.8	3773043.07	2.49E-04	0.00E+00	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00
1548	462725.45	3773034.07	2.57E-04	0.00E+00	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
1549	462729.1	3773025.08	2.64E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00
1550	462732.75	3773016.08	2.70E-04	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00
1551	462736.4	3773007.08	2.76E-04	0.00E+00	0.00E+00	0.00E+00	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00
1552	462740.05	3772998.08	2.79E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00
1553	462743.7	3772989.09	2.82E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00
1554	462756.3	3772976.34	2.96E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00
1555	462765.26	3772972.59	3.09E-04	0.00E+00	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00
1556	462774.21	3772968.84	3.20E-04	0.00E+00	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00
1557	462783.17	3772965.09	3.30E-04	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00
1558	462792.12	3772961.34	3.39E-04	0.00E+00	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00
1559	462801.08	3772957.59	3.44E-04	0.00E+00	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00
1560	462810.03	3772953.84	3.48E-04	0.00E+00	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00
1561	462818.99	3772950.09	3.49E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00
1562	462827.94	3772946.34	3.47E-04	0.00E+00	0.00E+00	0.00E+00	5.32E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00
1563	462836.9	3772942.59	3.43E-04	0.00E+00	0.00E+00	0.00E+00	5.25E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00
1564	462845.85	3772938.84	3.37E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00
1565	462854.81	3772935.09	3.28E-04	0.00E+00	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00
1566	462863.77	3772931.34	3.17E-04	0.00E+00	0.00E+00	0.00E+00	4.85E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00
1567	462872.72	3772927.59	3.04E-04	0.00E+00	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00
1568	462881.68	3772923.84	2.90E-04	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00
1569	462890.63	3772920.09	2.74E-04	0.00E+00	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00
1570	462899.59	3772916.34	2.59E-04	0.00E+00	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00
1571	462908.54	3772912.59	2.43E-04	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00
1572	462678.01	3773151.03	1.54E-04	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00
1573	462678.1	3773160.99	1.53E-04	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00
1574	462678.19	3773170.94	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00
1575	462678.28	3773180.9	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	9.96E-06	0.00E+00	0.00E+00	0.00E+00
1576	462678.37	3773190.85	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	9.93E-06	0.00E+00	0.00E+00	0.00E+00
1577	462678.47	3773200.81	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	9.88E-06	0.00E+00	0.00E+00	0.00E+00
1578	462678.56	3773210.76	1.49E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	9.80E-06	0.00E+00	0.00E+00	0.00E+00
1579	462678.65	3773220.72	1.48E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	9.73E-06	0.00E+00	0.00E+00	0.00E+00
1580	462678.74	3773230.67	1.47E-04	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	9.65E-06	0.00E+00	0.00E+00	0.00E+00

1581	462678.83	3773240.63	1.46E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	9.55E-06	0.00E+00	0.00E+00	0.00E+00
1582	462661.59	3773142.4	1.35E-04	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	8.89E-06	0.00E+00	0.00E+00	0.00E+00
1583	462665.16	3773133.58	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	9.19E-06	0.00E+00	0.00E+00	0.00E+00
1584	462668.74	3773124.76	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	9.51E-06	0.00E+00	0.00E+00	0.00E+00
1585	462672.32	3773115.94	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	9.87E-06	0.00E+00	0.00E+00	0.00E+00
1586	462675.89	3773107.12	1.56E-04	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
1587	462679.47	3773098.31	1.62E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
1588	462683.05	3773089.49	1.69E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00
1589	462686.62	3773080.67	1.76E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
1590	462690.2	3773071.85	1.83E-04	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
1591	462693.78	3773063.03	1.91E-04	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00
1592	462697.36	3773054.21	1.99E-04	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00
1593	462700.93	3773045.39	2.06E-04	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
1594	462704.51	3773036.58	2.14E-04	0.00E+00	0.00E+00	0.00E+00	3.27E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00
1595	462708.09	3773027.76	2.21E-04	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00
1596	462711.66	3773018.94	2.28E-04	0.00E+00	0.00E+00	0.00E+00	3.48E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00
1597	462715.24	3773010.12	2.33E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00
1598	462718.82	3773001.3	2.38E-04	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00
1599	462722.39	3772992.48	2.43E-04	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00
1600	462725.97	3772983.66	2.46E-04	0.00E+00	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00
1601	462729.55	3772974.85	2.48E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00
1602	462741.9	3772962.35	2.60E-04	0.00E+00	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00
1603	462750.68	3772958.68	2.70E-04	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00
1604	462759.46	3772955	2.80E-04	0.00E+00	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00
1605	462768.23	3772951.33	2.89E-04	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00
1606	462777.01	3772947.65	2.96E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00
1607	462785.79	3772943.97	3.01E-04	0.00E+00	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00
1608	462794.57	3772940.3	3.05E-04	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00
1609	462803.35	3772936.62	3.07E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00
1610	462812.12	3772932.95	3.07E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00
1611	462820.9	3772929.27	3.05E-04	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00
1612	462829.68	3772925.6	3.01E-04	0.00E+00	0.00E+00	0.00E+00	4.62E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00
1613	462838.46	3772921.92	2.96E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00
1614	462847.23	3772918.25	2.88E-04	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00
1615	462856.01	3772914.57	2.79E-04	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00
1616	462864.79	3772910.89	2.68E-04	0.00E+00	0.00E+00	0.00E+00	4.11E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00
1617	462873.57	3772907.22	2.57E-04	0.00E+00	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
1618	462882.35	3772903.54	2.44E-04	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00
1619	462891.12	3772899.87	2.32E-04	0.00E+00	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00
1620	462658.01	3773151.22	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	8.61E-06	0.00E+00	0.00E+00	0.00E+00
1621	462658.1	3773161.17	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	8.58E-06	0.00E+00	0.00E+00	0.00E+00
1622	462658.19	3773171.13	1.30E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	8.55E-06	0.00E+00	0.00E+00	0.00E+00
1623	462658.28	3773181.08	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	8.53E-06	0.00E+00	0.00E+00	0.00E+00
1624	462658.37	3773191.04	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	0.00E+00
1625	462658.47	3773200.99	1.29E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	8.43E-06	0.00E+00	0.00E+00	0.00E+00
1626	462658.56	3773210.95	1.28E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	8.38E-06	0.00E+00	0.00E+00	0.00E+00
1627	462658.65	3773220.9	1.27E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	8.34E-06	0.00E+00	0.00E+00	0.00E+00
1628	462658.74	3773230.86	1.26E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	8.29E-06	0.00E+00	0.00E+00	0.00E+00

1629	462658.83	3773240.81	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00
1630	462641.69	3773142.33	1.17E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	7.66E-06	0.00E+00	0.00E+00	0.00E+00
1631	462645.37	3773133.27	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	7.91E-06	0.00E+00	0.00E+00	0.00E+00
1632	462649.04	3773124.2	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	8.17E-06	0.00E+00	0.00E+00	0.00E+00
1633	462652.72	3773115.14	1.29E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	8.46E-06	0.00E+00	0.00E+00	0.00E+00
1634	462656.4	3773106.07	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.77E-06	0.00E+00	0.00E+00	0.00E+00
1635	462660.07	3773097.01	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	9.10E-06	0.00E+00	0.00E+00	0.00E+00
1636	462663.75	3773087.94	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	9.46E-06	0.00E+00	0.00E+00	0.00E+00
1637	462667.43	3773078.88	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	0.00E+00
1638	462671.1	3773069.81	1.56E-04	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
1639	462674.78	3773060.75	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
1640	462678.46	3773051.68	1.69E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00
1641	462682.13	3773042.62	1.76E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
1642	462685.81	3773033.55	1.83E-04	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
1643	462689.49	3773024.49	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
1644	462693.16	3773015.42	1.96E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
1645	462696.84	3773006.36	2.01E-04	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00
1646	462700.52	3772997.29	2.07E-04	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
1647	462704.19	3772988.23	2.11E-04	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
1648	462707.87	3772979.16	2.15E-04	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00
1649	462711.55	3772970.1	2.18E-04	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00
1650	462715.22	3772961.03	2.19E-04	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00
1651	462727.92	3772948.19	2.30E-04	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00
1652	462736.95	3772944.41	2.40E-04	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00
1653	462745.97	3772940.63	2.48E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00
1654	462755	3772936.85	2.56E-04	0.00E+00	0.00E+00	0.00E+00	3.91E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00
1655	462764.02	3772933.07	2.62E-04	0.00E+00	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00
1656	462773.04	3772929.29	2.67E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00
1657	462782.07	3772925.52	2.71E-04	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00
1658	462791.09	3772921.74	2.73E-04	0.00E+00	0.00E+00	0.00E+00	4.18E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00
1659	462800.11	3772917.96	2.73E-04	0.00E+00	0.00E+00	0.00E+00	4.18E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00
1660	462809.14	3772914.18	2.72E-04	0.00E+00	0.00E+00	0.00E+00	4.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00
1661	462818.16	3772910.4	2.69E-04	0.00E+00	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00
1662	462827.18	3772906.62	2.64E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00
1663	462836.21	3772902.85	2.58E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
1664	462845.23	3772899.07	2.50E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00
1665	462638.01	3773151.4	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	7.43E-06	0.00E+00	0.00E+00	0.00E+00
1666	462638.1	3773161.35	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	7.41E-06	0.00E+00	0.00E+00	0.00E+00
1667	462638.19	3773171.31	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	0.00E+00
1668	462638.28	3773181.26	1.12E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	7.38E-06	0.00E+00	0.00E+00	0.00E+00
1669	462638.38	3773191.22	1.12E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	7.37E-06	0.00E+00	0.00E+00	0.00E+00
1670	462638.47	3773201.17	1.11E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	7.31E-06	0.00E+00	0.00E+00	0.00E+00
1671	462638.56	3773211.13	1.11E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	7.26E-06	0.00E+00	0.00E+00	0.00E+00
1672	462638.65	3773221.08	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	0.00E+00
1673	462638.74	3773231.04	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	0.00E+00
1674	462638.83	3773240.99	1.09E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	0.00E+00
1675	462628.85	3773124.87	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	0.00E+00
1676	462632.46	3773115.97	1.11E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	7.28E-06	0.00E+00	0.00E+00	0.00E+00

1677	462636.07	3773107.07	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	0.00E+00
1678	462639.68	3773098.16	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	7.78E-06	0.00E+00	0.00E+00	0.00E+00
1679	462643.29	3773089.26	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	0.00E+00
1680	462646.9	3773080.36	1.27E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	0.00E+00
1681	462650.51	3773071.45	1.32E-04	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	8.68E-06	0.00E+00	0.00E+00	0.00E+00
1682	462654.12	3773062.55	1.38E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	9.02E-06	0.00E+00	0.00E+00	0.00E+00
1683	462657.74	3773053.65	1.43E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	9.38E-06	0.00E+00	0.00E+00	0.00E+00
1684	462661.35	3773044.74	1.48E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	9.74E-06	0.00E+00	0.00E+00	0.00E+00
1685	462664.96	3773035.84	1.54E-04	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00
1686	462668.57	3773026.94	1.60E-04	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00
1687	462672.18	3773018.03	1.65E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
1688	462675.79	3773009.13	1.71E-04	0.00E+00	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
1689	462679.4	3773000.23	1.76E-04	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
1690	462683.01	3772991.32	1.81E-04	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00
1691	462686.62	3772982.42	1.85E-04	0.00E+00	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00
1692	462690.24	3772973.52	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
1693	462693.85	3772964.61	1.92E-04	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
1694	462697.46	3772955.71	1.94E-04	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
1695	462701.07	3772946.81	1.96E-04	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00
1696	462713.54	3772934.19	2.05E-04	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
1697	462722.4	3772930.48	2.13E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00
1698	462731.27	3772926.77	2.20E-04	0.00E+00	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00
1699	462740.13	3772923.06	2.27E-04	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00
1700	462748.99	3772919.35	2.33E-04	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00
1701	462757.85	3772915.64	2.37E-04	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00
1702	462766.72	3772911.93	2.41E-04	0.00E+00	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00
1703	462775.58	3772908.22	2.43E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00
1704	462784.44	3772904.5	2.44E-04	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00
1705	462793.3	3772900.79	2.44E-04	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00
1706	462802.16	3772897.08	2.42E-04	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00
1707	462890.79	3772859.97	1.71E-04	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
1708	462899.65	3772856.26	1.61E-04	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
1709	462908.51	3772852.55	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	9.94E-06	0.00E+00	0.00E+00	0.00E+00
1710	462591.68	3773142.82	8.38E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	0.00E+00
1711	462595.35	3773133.78	8.60E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	0.00E+00
1712	462599.01	3773124.74	8.83E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.80E-06	0.00E+00	0.00E+00	0.00E+00
1713	462602.68	3773115.7	9.08E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.96E-06	0.00E+00	0.00E+00	0.00E+00
1714	462606.35	3773106.65	9.35E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00
1715	462628.35	3773052.41	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	0.00E+00
1716	462632.01	3773043.37	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	7.80E-06	0.00E+00	0.00E+00	0.00E+00
1717	462635.68	3773034.33	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	8.10E-06	0.00E+00	0.00E+00	0.00E+00
1718	462639.35	3773025.29	1.28E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	8.40E-06	0.00E+00	0.00E+00	0.00E+00
1719	462643.01	3773016.25	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	8.71E-06	0.00E+00	0.00E+00	0.00E+00
1720	462646.68	3773007.21	1.37E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	9.02E-06	0.00E+00	0.00E+00	0.00E+00
1721	462650.35	3772998.17	1.42E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	9.32E-06	0.00E+00	0.00E+00	0.00E+00
1722	462654.01	3772989.13	1.46E-04	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	9.61E-06	0.00E+00	0.00E+00	0.00E+00
1723	462657.68	3772980.09	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	9.88E-06	0.00E+00	0.00E+00	0.00E+00
1724	462661.35	3772971.05	1.54E-04	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00

1725	462665.01	3772962.01	1.58E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
1726	462668.68	3772952.97	1.61E-04	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
1727	462672.35	3772943.93	1.64E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
1728	462676.01	3772934.89	1.66E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
1729	462679.68	3772925.85	1.67E-04	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00
1730	462692.35	3772913.04	1.75E-04	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00
1731	462701.35	3772909.27	1.81E-04	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00
1732	462710.34	3772905.5	1.87E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00
1733	462719.34	3772901.74	1.93E-04	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
1734	462728.34	3772897.97	1.98E-04	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00
1735	462737.34	3772894.2	2.02E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00
1736	462827.33	3772856.52	1.90E-04	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00
1737	462836.32	3772852.75	1.84E-04	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00
1738	462845.32	3772848.98	1.77E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
1739	462854.32	3772845.22	1.70E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
1740	462863.32	3772841.45	1.62E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
1741	462872.32	3772837.68	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00
1742	462881.32	3772833.91	1.47E-04	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	9.62E-06	0.00E+00	0.00E+00	0.00E+00
1743	462890.32	3772830.14	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	9.10E-06	0.00E+00	0.00E+00	0.00E+00
1744	462899.31	3772826.38	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	8.59E-06	0.00E+00	0.00E+00	0.00E+00
1745	462588.01	3773151.86	8.18E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	0.00E+00
1746	462588.1	3773161.81	8.17E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	0.00E+00
1747	462588.2	3773171.77	8.16E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	0.00E+00
1748	462588.29	3773181.72	8.15E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	0.00E+00
1749	462588.38	3773191.68	8.13E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	0.00E+00
1750	462588.47	3773201.63	8.08E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	0.00E+00
1751	462588.56	3773211.59	8.05E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	0.00E+00
1752	462588.65	3773221.54	8.02E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	0.00E+00
1753	462588.74	3773231.5	7.99E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	5.24E-06	0.00E+00	0.00E+00	0.00E+00
1754	462588.83	3773241.45	7.94E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	0.00E+00
1755	462561.73	3773142.97	7.04E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	0.00E+00
1756	462565.44	3773133.82	7.20E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	0.00E+00
1757	462569.16	3773124.66	7.38E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	0.00E+00
1758	462572.87	3773115.5	7.57E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	0.00E+00
1759	462576.59	3773106.34	7.77E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	0.00E+00
1760	462580.3	3773097.18	7.98E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	5.24E-06	0.00E+00	0.00E+00	0.00E+00
1761	462584.02	3773088.03	8.22E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	5.39E-06	0.00E+00	0.00E+00	0.00E+00
1762	462587.73	3773078.87	8.47E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	0.00E+00
1763	462591.44	3773069.71	8.74E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	5.74E-06	0.00E+00	0.00E+00	0.00E+00
1764	462595.16	3773060.55	9.04E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	5.93E-06	0.00E+00	0.00E+00	0.00E+00
1765	462598.87	3773051.4	9.35E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	6.14E-06	0.00E+00	0.00E+00	0.00E+00
1766	462602.59	3773042.24	9.69E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	6.36E-06	0.00E+00	0.00E+00	0.00E+00
1767	462606.3	3773033.08	1.00E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.59E-06	0.00E+00	0.00E+00	0.00E+00
1768	462628.59	3772978.13	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	8.09E-06	0.00E+00	0.00E+00	0.00E+00
1769	462632.3	3772968.98	1.27E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	8.33E-06	0.00E+00	0.00E+00	0.00E+00
1770	462636.02	3772959.82	1.30E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	8.56E-06	0.00E+00	0.00E+00	0.00E+00
1771	462639.73	3772950.66	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.77E-06	0.00E+00	0.00E+00	0.00E+00
1772	462643.44	3772941.5	1.36E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	8.96E-06	0.00E+00	0.00E+00	0.00E+00

1773	462647.16	3772932.35	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00	9.13E-06	0.00E+00	0.00E+00	0.00E+00
1774	462650.87	3772923.19	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	9.27E-06	0.00E+00	0.00E+00	0.00E+00
1775	462654.59	3772914.03	1.43E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	9.38E-06	0.00E+00	0.00E+00	0.00E+00
1776	462658.3	3772904.87	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	9.46E-06	0.00E+00	0.00E+00	0.00E+00
1777	462671.13	3772891.9	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	9.89E-06	0.00E+00	0.00E+00	0.00E+00
1778	462762.29	3772853.73	1.81E-04	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00
1779	462771.4	3772849.91	1.80E-04	0.00E+00	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
1780	462780.52	3772846.09	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
1781	462789.63	3772842.28	1.76E-04	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00
1782	462798.75	3772838.46	1.72E-04	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00
1783	462807.86	3772834.64	1.68E-04	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00
1784	462816.98	3772830.83	1.64E-04	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
1785	462826.09	3772827.01	1.59E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
1786	462889.9	3772800.29	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	0.00E+00
1787	462899.02	3772796.47	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	7.10E-06	0.00E+00	0.00E+00	0.00E+00
1788	462908.13	3772792.66	1.02E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	0.00E+00
1789	462558.02	3773152.13	6.88E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00
1790	462558.11	3773162.09	6.87E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00
1791	462558.2	3773172.04	6.87E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00
1792	462558.29	3773182	6.86E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	0.00E+00
1793	462558.38	3773191.95	6.85E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	0.00E+00
1794	462558.47	3773201.91	6.81E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	0.00E+00
1795	462558.56	3773211.86	6.79E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00
1796	462558.65	3773221.82	6.77E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	0.00E+00
1797	462558.74	3773231.77	6.75E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	0.00E+00
1798	462558.83	3773241.73	6.71E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00
1799	462531.65	3773143.44	5.99E-05	0.00E+00	0.00E+00	0.00E+00	9.17E-06	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00
1800	462535.29	3773134.48	6.11E-05	0.00E+00	0.00E+00	0.00E+00	9.36E-06	0.00E+00	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	0.00E+00
1801	462538.92	3773125.52	6.24E-05	0.00E+00	0.00E+00	0.00E+00	9.56E-06	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	0.00E+00
1802	462542.55	3773116.56	6.38E-05	0.00E+00	0.00E+00	0.00E+00	9.77E-06	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	0.00E+00
1803	462546.19	3773107.6	6.53E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	0.00E+00
1804	462549.82	3773098.64	6.69E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	0.00E+00
1805	462553.46	3773089.68	6.86E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	0.00E+00
1806	462557.09	3773080.72	7.04E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	0.00E+00
1807	462560.73	3773071.76	7.24E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	0.00E+00
1808	462564.36	3773062.8	7.45E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	0.00E+00
1809	462568	3773053.84	7.68E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	5.04E-06	0.00E+00	0.00E+00	0.00E+00
1810	462571.63	3773044.88	7.92E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	0.00E+00
1811	462575.26	3773035.91	8.18E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	0.00E+00
1812	462578.9	3773026.95	8.45E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	0.00E+00
1813	462582.53	3773017.99	8.74E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	0.00E+00
1814	462586.17	3773009.03	9.04E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	5.93E-06	0.00E+00	0.00E+00	0.00E+00
1815	462589.8	3773000.07	9.34E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00
1816	462593.44	3772991.11	9.66E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	6.34E-06	0.00E+00	0.00E+00	0.00E+00
1817	462597.07	3772982.15	9.98E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	0.00E+00
1818	462600.71	3772973.19	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	0.00E+00
1819	462604.34	3772964.23	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	6.96E-06	0.00E+00	0.00E+00	0.00E+00
1820	462622.51	3772919.42	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	7.85E-06	0.00E+00	0.00E+00	0.00E+00

1821	462626.15	3772910.46	1.22E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	0.00E+00
1822	462629.78	3772901.5	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	8.09E-06	0.00E+00	0.00E+00	0.00E+00
1823	462633.42	3772892.54	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	8.19E-06	0.00E+00	0.00E+00	0.00E+00
1824	462694.2	3772852.21	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	0.00E+00
1825	462703.12	3772848.48	1.53E-04	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00
1826	462712.04	3772844.74	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
1827	462720.96	3772841.01	1.57E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
1828	462729.88	3772837.27	1.58E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
1829	462738.8	3772833.54	1.58E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
1830	462747.72	3772829.8	1.58E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
1831	462756.64	3772826.07	1.57E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
1832	462765.56	3772822.33	1.56E-04	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
1833	462801.23	3772807.39	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	9.50E-06	0.00E+00	0.00E+00	0.00E+00
1834	462810.15	3772803.66	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	9.24E-06	0.00E+00	0.00E+00	0.00E+00
1835	462819.07	3772799.92	1.36E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	8.95E-06	0.00E+00	0.00E+00	0.00E+00
1836	462827.99	3772796.19	1.32E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	8.65E-06	0.00E+00	0.00E+00	0.00E+00
1837	462836.91	3772792.45	1.27E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	8.32E-06	0.00E+00	0.00E+00	0.00E+00
1838	462845.83	3772788.72	1.22E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	0.00E+00
1839	462854.75	3772784.98	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	7.64E-06	0.00E+00	0.00E+00	0.00E+00
1840	462863.67	3772781.25	1.11E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	7.29E-06	0.00E+00	0.00E+00	0.00E+00
1841	462890.43	3772770.05	9.53E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	6.25E-06	0.00E+00	0.00E+00	0.00E+00
1842	462899.35	3772766.31	9.03E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	0.00E+00
1843	462908.27	3772762.58	8.54E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	0.00E+00
1844	462528.02	3773152.4	5.87E-05	0.00E+00	0.00E+00	0.00E+00	8.99E-06	0.00E+00	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	0.00E+00
1845	462528.11	3773162.36	5.87E-05	0.00E+00	0.00E+00	0.00E+00	8.99E-06	0.00E+00	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	0.00E+00
1846	462528.2	3773172.31	5.87E-05	0.00E+00	0.00E+00	0.00E+00	8.98E-06	0.00E+00	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	0.00E+00
1847	462528.29	3773182.27	5.86E-05	0.00E+00	0.00E+00	0.00E+00	8.97E-06	0.00E+00	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	0.00E+00
1848	462528.38	3773192.22	5.85E-05	0.00E+00	0.00E+00	0.00E+00	8.96E-06	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	0.00E+00
1849	462528.47	3773202.18	5.82E-05	0.00E+00	0.00E+00	0.00E+00	8.91E-06	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00
1850	462528.56	3773212.13	5.80E-05	0.00E+00	0.00E+00	0.00E+00	8.88E-06	0.00E+00	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	0.00E+00
1851	462528.65	3773222.09	5.79E-05	0.00E+00	0.00E+00	0.00E+00	8.87E-06	0.00E+00	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	0.00E+00
1852	462528.74	3773232.04	5.78E-05	0.00E+00	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00
1853	462528.84	3773242	5.75E-05	0.00E+00	0.00E+00	0.00E+00	8.79E-06	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	0.00E+00
1854	462501.69	3773143.61	5.17E-05	0.00E+00	0.00E+00	0.00E+00	7.92E-06	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00
1855	462505.37	3773134.55	5.27E-05	0.00E+00	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00
1856	462527.43	3773080.16	5.99E-05	0.00E+00	0.00E+00	0.00E+00	9.17E-06	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00
1857	462531.11	3773071.09	6.14E-05	0.00E+00	0.00E+00	0.00E+00	9.40E-06	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	0.00E+00
1858	462534.79	3773062.03	6.30E-05	0.00E+00	0.00E+00	0.00E+00	9.65E-06	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00
1859	462538.46	3773052.96	6.48E-05	0.00E+00	0.00E+00	0.00E+00	9.92E-06	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00
1860	462542.14	3773043.9	6.67E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	0.00E+00
1861	462545.82	3773034.83	6.87E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00
1862	462549.49	3773025.77	7.08E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	0.00E+00
1863	462553.17	3773016.7	7.31E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	0.00E+00
1864	462556.85	3773007.64	7.55E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	0.00E+00
1865	462560.52	3772998.57	7.80E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00
1866	462564.2	3772989.51	8.06E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	0.00E+00
1867	462567.88	3772980.44	8.32E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	0.00E+00
1868	462571.55	3772971.37	8.59E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	0.00E+00

1869	462575.23	3772962.31	8.86E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	5.82E-06	0.00E+00	0.00E+00	0.00E+00
1870	462578.91	3772953.24	9.13E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	0.00E+00
1871	462582.58	3772944.18	9.40E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	6.17E-06	0.00E+00	0.00E+00	0.00E+00
1872	462586.26	3772935.11	9.65E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	6.34E-06	0.00E+00	0.00E+00	0.00E+00
1873	462593.61	3772916.98	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	6.65E-06	0.00E+00	0.00E+00	0.00E+00
1874	462597.29	3772907.92	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	6.79E-06	0.00E+00	0.00E+00	0.00E+00
1875	462600.97	3772898.85	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	6.92E-06	0.00E+00	0.00E+00	0.00E+00
1876	462604.65	3772889.79	1.07E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	0.00E+00
1877	462628.38	3772849.75	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	0.00E+00
1878	462637.4	3772845.97	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	7.82E-06	0.00E+00	0.00E+00	0.00E+00
1879	462646.42	3772842.19	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	8.05E-06	0.00E+00	0.00E+00	0.00E+00
1880	462655.45	3772838.41	1.26E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	8.27E-06	0.00E+00	0.00E+00	0.00E+00
1881	462664.47	3772834.64	1.29E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	0.00E+00
1882	462673.49	3772830.86	1.32E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	8.65E-06	0.00E+00	0.00E+00	0.00E+00
1883	462682.52	3772827.08	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-06	0.00E+00	0.00E+00	0.00E+00
1884	462691.54	3772823.3	1.36E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	8.93E-06	0.00E+00	0.00E+00	0.00E+00
1885	462700.56	3772819.52	1.38E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	9.03E-06	0.00E+00	0.00E+00	0.00E+00
1886	462736.66	3772804.41	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00	9.13E-06	0.00E+00	0.00E+00	0.00E+00
1887	462745.68	3772800.63	1.38E-04	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	9.07E-06	0.00E+00	0.00E+00	0.00E+00
1888	462754.7	3772796.85	1.37E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	8.99E-06	0.00E+00	0.00E+00	0.00E+00
1889	462763.73	3772793.07	1.35E-04	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	8.87E-06	0.00E+00	0.00E+00	0.00E+00
1890	462772.75	3772789.29	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	0.00E+00
1891	462799.82	3772777.96	1.24E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	8.12E-06	0.00E+00	0.00E+00	0.00E+00
1892	462808.84	3772774.18	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	7.87E-06	0.00E+00	0.00E+00	0.00E+00
1893	462817.87	3772770.4	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	7.61E-06	0.00E+00	0.00E+00	0.00E+00
1894	462826.89	3772766.62	1.12E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	7.33E-06	0.00E+00	0.00E+00	0.00E+00
1895	462835.91	3772762.85	1.07E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	0.00E+00
1896	462844.94	3772759.07	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	0.00E+00
1897	462853.96	3772755.29	9.84E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00
1898	462862.98	3772751.51	9.39E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	6.16E-06	0.00E+00	0.00E+00	0.00E+00
1899	462890.05	3772740.18	8.07E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	0.00E+00
1900	462899.08	3772736.4	7.66E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	0.00E+00
1901	462908.1	3772732.62	7.26E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	0.00E+00
1902	462498.02	3773152.68	5.08E-05	0.00E+00	0.00E+00	0.00E+00	7.77E-06	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00
1903	462498.11	3773162.63	5.07E-05	0.00E+00	0.00E+00	0.00E+00	7.77E-06	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00
1904	462498.2	3773172.59	5.06E-05	0.00E+00	0.00E+00	0.00E+00	7.75E-06	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	0.00E+00
1905	462498.29	3773182.54	5.05E-05	0.00E+00	0.00E+00	0.00E+00	7.73E-06	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00
1906	462498.38	3773192.5	5.04E-05	0.00E+00	0.00E+00	0.00E+00	7.72E-06	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00
1907	462498.47	3773202.45	5.03E-05	0.00E+00	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00
1908	462498.56	3773212.41	5.02E-05	0.00E+00	0.00E+00	0.00E+00	7.69E-06	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00
1909	462498.65	3773222.36	5.01E-05	0.00E+00	0.00E+00	0.00E+00	7.68E-06	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00
1910	462498.75	3773232.32	5.00E-05	0.00E+00	0.00E+00	0.00E+00	7.66E-06	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00
1911	462498.84	3773242.27	4.98E-05	0.00E+00	0.00E+00	0.00E+00	7.62E-06	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00
1912	462471.73	3773143.8	4.52E-05	0.00E+00	0.00E+00	0.00E+00	6.91E-06	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00
1913	462475.45	3773134.64	4.59E-05	0.00E+00	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00
1914	462479.16	3773125.48	4.68E-05	0.00E+00	0.00E+00	0.00E+00	7.16E-06	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00
1915	462482.88	3773116.32	4.76E-05	0.00E+00	0.00E+00	0.00E+00	7.29E-06	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00
1916	462486.59	3773107.16	4.85E-05	0.00E+00	0.00E+00	0.00E+00	7.43E-06	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00

1917	462490.3	3773098.01	4.95E-05	0.00E+00	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00
1918	462494.02	3773088.85	5.06E-05	0.00E+00	0.00E+00	0.00E+00	7.74E-06	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	0.00E+00
1919	462497.73	3773079.69	5.17E-05	0.00E+00	0.00E+00	0.00E+00	7.91E-06	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00
1920	462505.16	3773061.38	5.41E-05	0.00E+00	0.00E+00	0.00E+00	8.28E-06	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00
1921	462523.73	3773015.59	6.20E-05	0.00E+00	0.00E+00	0.00E+00	9.49E-06	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00
1922	462527.45	3773006.43	6.39E-05	0.00E+00	0.00E+00	0.00E+00	9.78E-06	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	0.00E+00
1923	462531.16	3772997.27	6.59E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	0.00E+00
1924	462534.88	3772988.11	6.80E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	0.00E+00
1925	462538.59	3772978.96	7.02E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	0.00E+00
1926	462542.31	3772969.8	7.24E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	0.00E+00
1927	462546.02	3772960.64	7.47E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	0.00E+00
1928	462549.73	3772951.48	7.70E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00
1929	462553.45	3772942.33	7.94E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	0.00E+00
1930	462557.16	3772933.17	8.17E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	0.00E+00
1931	462564.59	3772914.85	8.62E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	5.65E-06	0.00E+00	0.00E+00	0.00E+00
1932	462568.31	3772905.7	8.83E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.79E-06	0.00E+00	0.00E+00	0.00E+00
1933	462572.02	3772896.54	9.02E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	0.00E+00
1934	462575.73	3772887.38	9.21E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	0.00E+00
1935	462594.31	3772841.59	9.84E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00
1936	462661.83	3772805.71	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	7.79E-06	0.00E+00	0.00E+00	0.00E+00
1937	462670.94	3772801.9	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	7.90E-06	0.00E+00	0.00E+00	0.00E+00
1938	462680.06	3772798.08	1.22E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	8.00E-06	0.00E+00	0.00E+00	0.00E+00
1939	462689.17	3772794.26	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	8.07E-06	0.00E+00	0.00E+00	0.00E+00
1940	462716.52	3772782.81	1.24E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	8.13E-06	0.00E+00	0.00E+00	0.00E+00
1941	462725.64	3772779	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	8.10E-06	0.00E+00	0.00E+00	0.00E+00
1942	462734.75	3772775.18	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	8.04E-06	0.00E+00	0.00E+00	0.00E+00
1943	462743.87	3772771.36	1.21E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	0.00E+00
1944	462752.98	3772767.55	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	7.85E-06	0.00E+00	0.00E+00	0.00E+00
1945	462762.1	3772763.73	1.18E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00	7.71E-06	0.00E+00	0.00E+00	0.00E+00
1946	462771.21	3772759.91	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	7.56E-06	0.00E+00	0.00E+00	0.00E+00
1947	462780.33	3772756.09	1.12E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	7.38E-06	0.00E+00	0.00E+00	0.00E+00
1948	462798.56	3772748.46	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	6.98E-06	0.00E+00	0.00E+00	0.00E+00
1949	462807.68	3772744.64	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	6.75E-06	0.00E+00	0.00E+00	0.00E+00
1950	462816.79	3772740.83	9.93E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	0.00E+00
1951	462825.91	3772737.01	9.56E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	6.27E-06	0.00E+00	0.00E+00	0.00E+00
1952	462835.02	3772733.19	9.18E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	0.00E+00
1953	462844.14	3772729.38	8.79E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.77E-06	0.00E+00	0.00E+00	0.00E+00
1954	462853.25	3772725.56	8.41E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	0.00E+00
1955	462862.37	3772721.74	8.02E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	0.00E+00
1956	462889.71	3772710.29	6.91E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00
1957	462468.02	3773152.95	4.44E-05	0.00E+00	0.00E+00	0.00E+00	6.79E-06	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00
1958	462468.11	3773162.91	4.43E-05	0.00E+00	0.00E+00	0.00E+00	6.79E-06	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00
1959	462468.2	3773172.86	4.41E-05	0.00E+00	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00
1960	462468.29	3773182.82	4.41E-05	0.00E+00	0.00E+00	0.00E+00	6.75E-06	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00
1961	462468.38	3773192.77	4.40E-05	0.00E+00	0.00E+00	0.00E+00	6.74E-06	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00
1962	462468.47	3773202.73	4.40E-05	0.00E+00	0.00E+00	0.00E+00	6.74E-06	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00
1963	462468.56	3773212.68	4.39E-05	0.00E+00	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00
1964	462468.66	3773222.64	4.37E-05	0.00E+00	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00

1965	462468.75	3773232.59	4.35E-05	0.00E+00	0.00E+00	0.00E+00	6.66E-06	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00
1966	462468.84	3773242.55	4.34E-05	0.00E+00	0.00E+00	0.00E+00	6.64E-06	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	0.00E+00
1967	462441.67	3773144.23	3.98E-05	0.00E+00	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00
1968	462445.32	3773135.23	4.04E-05	0.00E+00	0.00E+00	0.00E+00	6.19E-06	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00
1969	462448.97	3773126.24	4.11E-05	0.00E+00	0.00E+00	0.00E+00	6.29E-06	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00
1970	462452.62	3773117.24	4.18E-05	0.00E+00	0.00E+00	0.00E+00	6.39E-06	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00
1971	462456.27	3773108.24	4.25E-05	0.00E+00	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00
1972	462459.92	3773099.25	4.32E-05	0.00E+00	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00
1973	462463.56	3773090.25	4.40E-05	0.00E+00	0.00E+00	0.00E+00	6.74E-06	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00
1974	462467.21	3773081.25	4.49E-05	0.00E+00	0.00E+00	0.00E+00	6.87E-06	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00
1975	462478.16	3773054.26	4.78E-05	0.00E+00	0.00E+00	0.00E+00	7.31E-06	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00
1976	462481.81	3773045.26	4.89E-05	0.00E+00	0.00E+00	0.00E+00	7.48E-06	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	0.00E+00
1977	462485.46	3773036.27	5.01E-05	0.00E+00	0.00E+00	0.00E+00	7.67E-06	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00
1978	462489.11	3773027.27	5.13E-05	0.00E+00	0.00E+00	0.00E+00	7.86E-06	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00
1979	462492.76	3773018.27	5.27E-05	0.00E+00	0.00E+00	0.00E+00	8.07E-06	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00
1980	462496.41	3773009.27	5.41E-05	0.00E+00	0.00E+00	0.00E+00	8.29E-06	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00
1981	462500.06	3773000.28	5.56E-05	0.00E+00	0.00E+00	0.00E+00	8.52E-06	0.00E+00	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	0.00E+00
1982	462503.71	3772991.28	5.73E-05	0.00E+00	0.00E+00	0.00E+00	8.76E-06	0.00E+00	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	0.00E+00
1983	462525.6	3772937.3	6.83E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	0.00E+00
1984	462536.55	3772910.31	7.42E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	0.00E+00
1985	462540.2	3772901.31	7.61E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	0.00E+00
1986	462543.85	3772892.31	7.79E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	0.00E+00
1987	462565.74	3772838.33	8.64E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	5.67E-06	0.00E+00	0.00E+00	0.00E+00
1988	462569.39	3772829.33	8.74E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	0.00E+00
1989	462573.04	3772820.34	8.81E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	0.00E+00
1990	462585.64	3772807.59	9.14E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00
1991	462594.6	3772803.84	9.41E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	6.18E-06	0.00E+00	0.00E+00	0.00E+00
1992	462630.42	3772788.84	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	6.79E-06	0.00E+00	0.00E+00	0.00E+00
1993	462639.38	3772785.09	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	6.91E-06	0.00E+00	0.00E+00	0.00E+00
1994	462648.33	3772781.34	1.07E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	7.02E-06	0.00E+00	0.00E+00	0.00E+00
1995	462657.29	3772777.59	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	7.11E-06	0.00E+00	0.00E+00	0.00E+00
1996	462666.24	3772773.84	1.09E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	7.19E-06	0.00E+00	0.00E+00	0.00E+00
1997	462675.2	3772770.09	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	7.24E-06	0.00E+00	0.00E+00	0.00E+00
1998	462684.15	3772766.34	1.11E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	7.27E-06	0.00E+00	0.00E+00	0.00E+00
1999	462693.11	3772762.59	1.11E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	7.29E-06	0.00E+00	0.00E+00	0.00E+00
2000	462719.98	3772751.34	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	0.00E+00
2001	462728.93	3772747.59	1.09E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	0.00E+00
2002	462737.89	3772743.84	1.07E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	0.00E+00
2003	462746.84	3772740.09	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	6.94E-06	0.00E+00	0.00E+00	0.00E+00
2004	462755.8	3772736.34	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	6.81E-06	0.00E+00	0.00E+00	0.00E+00
2005	462764.75	3772732.59	1.02E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	6.67E-06	0.00E+00	0.00E+00	0.00E+00
2006	462773.71	3772728.84	9.92E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	6.51E-06	0.00E+00	0.00E+00	0.00E+00
2007	462800.58	3772717.59	9.09E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.97E-06	0.00E+00	0.00E+00	0.00E+00
2008	462809.53	3772713.84	8.79E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.77E-06	0.00E+00	0.00E+00	0.00E+00
2009	462818.49	3772710.09	8.47E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	0.00E+00
2010	462827.44	3772706.34	8.15E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	0.00E+00
2011	462863.26	3772691.34	6.86E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	0.00E+00
2012	462872.22	3772687.59	6.55E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	0.00E+00

2013	462881.18	3772683.84	6.25E-05	0.00E+00	0.00E+00	0.00E+00	9.56E-06	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	0.00E+00
2014	462890.13	3772680.09	5.95E-05	0.00E+00	0.00E+00	0.00E+00	9.11E-06	0.00E+00	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00
2015	462899.09	3772676.34	5.67E-05	0.00E+00	0.00E+00	0.00E+00	8.68E-06	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	0.00E+00
2016	462908.04	3772672.59	5.40E-05	0.00E+00	0.00E+00	0.00E+00	8.27E-06	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	0.00E+00
2017	462438.02	3773153.23	3.92E-05	0.00E+00	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
2018	462438.11	3773163.18	3.92E-05	0.00E+00	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
2019	462438.2	3773173.14	3.90E-05	0.00E+00	0.00E+00	0.00E+00	5.97E-06	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00
2020	462438.29	3773183.09	3.89E-05	0.00E+00	0.00E+00	0.00E+00	5.96E-06	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00
2021	462438.38	3773193.05	3.89E-05	0.00E+00	0.00E+00	0.00E+00	5.95E-06	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00
2022	462438.48	3773203	3.89E-05	0.00E+00	0.00E+00	0.00E+00	5.95E-06	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00
2023	462438.57	3773212.96	3.87E-05	0.00E+00	0.00E+00	0.00E+00	5.93E-06	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00
2024	462438.66	3773222.91	3.86E-05	0.00E+00	0.00E+00	0.00E+00	5.90E-06	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00
2025	462438.75	3773232.87	3.84E-05	0.00E+00	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00
2026	462438.84	3773242.82	3.83E-05	0.00E+00	0.00E+00	0.00E+00	5.86E-06	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00
2027	462422.75	3773117.18	3.71E-05	0.00E+00	0.00E+00	0.00E+00	5.67E-06	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00
2028	462426.44	3773108.09	3.76E-05	0.00E+00	0.00E+00	0.00E+00	5.76E-06	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	0.00E+00
2029	462430.12	3773099.01	3.83E-05	0.00E+00	0.00E+00	0.00E+00	5.86E-06	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00
2030	462433.8	3773089.93	3.89E-05	0.00E+00	0.00E+00	0.00E+00	5.96E-06	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00
2031	462437.49	3773080.85	3.96E-05	0.00E+00	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00
2032	462448.54	3773053.61	4.19E-05	0.00E+00	0.00E+00	0.00E+00	6.42E-06	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00
2033	462452.22	3773044.53	4.28E-05	0.00E+00	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00
2034	462455.91	3773035.44	4.38E-05	0.00E+00	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00
2035	462459.59	3773026.36	4.48E-05	0.00E+00	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	0.00E+00
2036	462463.27	3773017.28	4.59E-05	0.00E+00	0.00E+00	0.00E+00	7.02E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00
2037	462466.96	3773008.2	4.70E-05	0.00E+00	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	0.00E+00
2038	462470.64	3772999.12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	7.38E-06	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	0.00E+00
2039	462474.32	3772990.04	4.95E-05	0.00E+00	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00
2040	462478.01	3772980.96	5.09E-05	0.00E+00	0.00E+00	0.00E+00	7.79E-06	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00
2041	462481.69	3772971.87	5.23E-05	0.00E+00	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00
2042	462485.37	3772962.79	5.39E-05	0.00E+00	0.00E+00	0.00E+00	8.25E-06	0.00E+00	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00
2043	462489.06	3772953.71	5.54E-05	0.00E+00	0.00E+00	0.00E+00	8.49E-06	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	0.00E+00
2044	462492.74	3772944.63	5.70E-05	0.00E+00	0.00E+00	0.00E+00	8.73E-06	0.00E+00	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00
2045	462496.42	3772935.55	5.87E-05	0.00E+00	0.00E+00	0.00E+00	8.99E-06	0.00E+00	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	0.00E+00
2046	462503.79	3772917.39	6.21E-05	0.00E+00	0.00E+00	0.00E+00	9.51E-06	0.00E+00	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00
2047	462507.47	3772908.3	6.38E-05	0.00E+00	0.00E+00	0.00E+00	9.77E-06	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	0.00E+00
2048	462511.16	3772899.22	6.55E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	0.00E+00
2049	462514.84	3772890.14	6.72E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	0.00E+00
2050	462536.94	3772835.65	7.59E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	0.00E+00
2051	462540.62	3772826.57	7.69E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	0.00E+00
2052	462544.31	3772817.49	7.79E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	0.00E+00
2053	462547.99	3772808.41	7.87E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	0.00E+00
2054	462551.67	3772799.33	7.93E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	0.00E+00
2055	462564.4	3772786.46	8.23E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	0.00E+00
2056	462573.44	3772782.68	8.46E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	0.00E+00
2057	462582.47	3772778.89	8.69E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	0.00E+00
2058	462591.51	3772775.11	8.90E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	0.00E+00
2059	462627.67	3772759.96	9.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	6.30E-06	0.00E+00	0.00E+00	0.00E+00
2060	462636.71	3772756.18	9.73E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	0.00E+00

2061	462645.75	3772752.39	9.83E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	6.45E-06	0.00E+00	0.00E+00	0.00E+00
2062	462654.79	3772748.61	9.91E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	0.00E+00
2063	462663.83	3772744.82	9.97E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	6.54E-06	0.00E+00	0.00E+00	0.00E+00
2064	462672.87	3772741.04	1.00E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	6.56E-06	0.00E+00	0.00E+00	0.00E+00
2065	462681.91	3772737.25	1.00E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	6.56E-06	0.00E+00	0.00E+00	0.00E+00
2066	462690.95	3772733.47	9.98E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	0.00E+00
2067	462718.07	3772722.11	9.75E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	0.00E+00
2068	462727.11	3772718.33	9.63E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	0.00E+00
2069	462736.15	3772714.54	9.48E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	6.22E-06	0.00E+00	0.00E+00	0.00E+00
2070	462745.19	3772710.76	9.31E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00	6.11E-06	0.00E+00	0.00E+00	0.00E+00
2071	462754.22	3772706.97	9.12E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	5.98E-06	0.00E+00	0.00E+00	0.00E+00
2072	462799.42	3772688.05	7.92E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	0.00E+00
2073	462808.46	3772684.26	7.64E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	0.00E+00
2074	462817.5	3772680.48	7.37E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.83E-06	0.00E+00	0.00E+00	0.00E+00
2075	462826.54	3772676.69	7.08E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	0.00E+00
2076	462835.58	3772672.91	6.80E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	0.00E+00
2077	462844.62	3772669.12	6.52E-05	0.00E+00	0.00E+00	0.00E+00	9.98E-06	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	0.00E+00
2078	462853.66	3772665.34	6.24E-05	0.00E+00	0.00E+00	0.00E+00	9.56E-06	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	0.00E+00
2079	462862.7	3772661.55	5.97E-05	0.00E+00	0.00E+00	0.00E+00	9.14E-06	0.00E+00	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	0.00E+00
2080	462871.74	3772657.77	5.70E-05	0.00E+00	0.00E+00	0.00E+00	8.73E-06	0.00E+00	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00
2081	462880.78	3772653.98	5.45E-05	0.00E+00	0.00E+00	0.00E+00	8.34E-06	0.00E+00	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	0.00E+00
2082	462889.82	3772650.2	5.20E-05	0.00E+00	0.00E+00	0.00E+00	7.95E-06	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00
2083	462898.86	3772646.41	4.96E-05	0.00E+00	0.00E+00	0.00E+00	7.59E-06	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00
2084	462907.9	3772642.63	4.73E-05	0.00E+00	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00
2085	462381.74	3773144.62	3.18E-05	0.00E+00	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
2086	462385.45	3773135.46	3.22E-05	0.00E+00	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00
2087	462389.17	3773126.3	3.27E-05	0.00E+00	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
2088	462392.88	3773117.15	3.32E-05	0.00E+00	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
2089	462396.59	3773107.99	3.37E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
2090	462400.31	3773098.83	3.42E-05	0.00E+00	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00
2091	462404.02	3773089.67	3.47E-05	0.00E+00	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00
2092	462407.74	3773080.51	3.53E-05	0.00E+00	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00
2093	462422.59	3773043.88	3.79E-05	0.00E+00	0.00E+00	0.00E+00	5.80E-06	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00
2094	462426.31	3773034.73	3.86E-05	0.00E+00	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00
2095	462430.02	3773025.57	3.95E-05	0.00E+00	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00
2096	462433.74	3773016.41	4.03E-05	0.00E+00	0.00E+00	0.00E+00	6.17E-06	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00
2097	462437.45	3773007.25	4.13E-05	0.00E+00	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00
2098	462441.17	3772998.09	4.22E-05	0.00E+00	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
2099	462444.88	3772988.94	4.33E-05	0.00E+00	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00
2100	462448.59	3772979.78	4.44E-05	0.00E+00	0.00E+00	0.00E+00	6.80E-06	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00
2101	462452.31	3772970.62	4.56E-05	0.00E+00	0.00E+00	0.00E+00	6.98E-06	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00
2102	462456.02	3772961.46	4.68E-05	0.00E+00	0.00E+00	0.00E+00	7.17E-06	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00
2103	462459.74	3772952.31	4.81E-05	0.00E+00	0.00E+00	0.00E+00	7.37E-06	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	0.00E+00
2104	462463.45	3772943.15	4.95E-05	0.00E+00	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00
2105	462467.17	3772933.99	5.09E-05	0.00E+00	0.00E+00	0.00E+00	7.79E-06	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00
2106	462474.6	3772915.68	5.38E-05	0.00E+00	0.00E+00	0.00E+00	8.23E-06	0.00E+00	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00
2107	462478.31	3772906.52	5.53E-05	0.00E+00	0.00E+00	0.00E+00	8.46E-06	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00
2108	462482.02	3772897.36	5.68E-05	0.00E+00	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00

2109	462485.74	3772888.2	5.83E-05	0.00E+00	0.00E+00	0.00E+00	8.92E-06	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00
2110	462508.02	3772833.26	6.66E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	0.00E+00
2111	462511.74	3772824.1	6.78E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00
2112	462515.45	3772814.94	6.88E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00
2113	462519.17	3772805.78	6.97E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	0.00E+00
2114	462522.88	3772796.63	7.06E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	0.00E+00
2115	462526.6	3772787.47	7.13E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	0.00E+00
2116	462530.31	3772778.31	7.19E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	0.00E+00
2117	462543.14	3772765.34	7.45E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	0.00E+00
2118	462552.26	3772761.52	7.65E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	0.00E+00
2119	462561.37	3772757.7	7.85E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00
2120	462570.49	3772753.88	8.04E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.27E-06	0.00E+00	0.00E+00	0.00E+00
2121	462579.6	3772750.07	8.21E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	5.39E-06	0.00E+00	0.00E+00	0.00E+00
2122	462588.72	3772746.25	8.38E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	0.00E+00
2123	462597.83	3772742.43	8.53E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	0.00E+00
2124	462634.29	3772727.17	8.96E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	0.00E+00
2125	462643.41	3772723.35	9.01E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	0.00E+00
2126	462652.53	3772719.53	9.05E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.94E-06	0.00E+00	0.00E+00	0.00E+00
2127	462661.64	3772715.72	9.06E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.95E-06	0.00E+00	0.00E+00	0.00E+00
2128	462670.76	3772711.9	9.06E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.94E-06	0.00E+00	0.00E+00	0.00E+00
2129	462679.87	3772708.08	9.03E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	0.00E+00
2130	462725.45	3772689	8.55E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	0.00E+00
2131	462734.56	3772685.18	8.40E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	0.00E+00
2132	462743.68	3772681.36	8.23E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	0.00E+00
2133	462752.79	3772677.55	8.04E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	0.00E+00
2134	462761.91	3772673.73	7.84E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-06	0.00E+00	0.00E+00	0.00E+00
2135	462771.03	3772669.91	7.63E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	5.01E-06	0.00E+00	0.00E+00	0.00E+00
2136	462780.14	3772666.1	7.40E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	0.00E+00
2137	462789.26	3772662.28	7.17E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.71E-06	0.00E+00	0.00E+00	0.00E+00
2138	462798.37	3772658.46	6.94E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	0.00E+00
2139	462807.49	3772654.64	6.69E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	0.00E+00
2140	462816.6	3772650.83	6.45E-05	0.00E+00	0.00E+00	0.00E+00	9.87E-06	0.00E+00	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	0.00E+00
2141	462825.72	3772647.01	6.20E-05	0.00E+00	0.00E+00	0.00E+00	9.49E-06	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00
2142	462834.83	3772643.19	5.95E-05	0.00E+00	0.00E+00	0.00E+00	9.11E-06	0.00E+00	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00
2143	462843.95	3772639.38	5.71E-05	0.00E+00	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	0.00E+00
2144	462853.06	3772635.56	5.47E-05	0.00E+00	0.00E+00	0.00E+00	8.37E-06	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00
2145	462862.18	3772631.74	5.23E-05	0.00E+00	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	0.00E+00
2146	462871.3	3772627.93	5.00E-05	0.00E+00	0.00E+00	0.00E+00	7.66E-06	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00
2147	462880.41	3772624.11	4.78E-05	0.00E+00	0.00E+00	0.00E+00	7.32E-06	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00
2148	462889.53	3772620.29	4.57E-05	0.00E+00	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00
2149	462898.64	3772616.48	4.36E-05	0.00E+00	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00
2150	462907.76	3772612.66	4.17E-05	0.00E+00	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00
2151	462378.02	3773153.78	3.14E-05	0.00E+00	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00
2152	462378.11	3773163.73	3.13E-05	0.00E+00	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
2153	462378.2	3773173.69	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
2154	462378.3	3773183.64	3.11E-05	0.00E+00	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
2155	462378.39	3773193.6	3.11E-05	0.00E+00	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
2156	462378.48	3773203.55	3.11E-05	0.00E+00	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00

2157	462378.57	3773213.51	3.10E-05	0.00E+00	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00
2158	462378.66	3773223.46	3.09E-05	0.00E+00	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00
2159	462378.75	3773233.42	3.08E-05	0.00E+00	0.00E+00	0.00E+00	4.71E-06	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00
2160	462378.84	3773243.37	3.07E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
2161	462351.68	3773145.03	2.87E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00
2162	462355.34	3773136.01	2.91E-05	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00
2163	462359	3773126.98	2.95E-05	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
2164	462362.66	3773117.96	2.99E-05	0.00E+00	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00
2165	462366.32	3773108.94	3.03E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
2166	462369.98	3773099.92	3.07E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
2167	462373.64	3773090.9	3.11E-05	0.00E+00	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
2168	462377.3	3773081.87	3.16E-05	0.00E+00	0.00E+00	0.00E+00	4.83E-06	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00
2169	462380.96	3773072.85	3.21E-05	0.00E+00	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00
2170	462388.28	3773054.81	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
2171	462391.94	3773045.79	3.37E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
2172	462395.59	3773036.76	3.42E-05	0.00E+00	0.00E+00	0.00E+00	5.24E-06	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00
2173	462399.25	3773027.74	3.49E-05	0.00E+00	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00
2174	462402.91	3773018.72	3.56E-05	0.00E+00	0.00E+00	0.00E+00	5.44E-06	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00
2175	462424.87	3772964.59	4.06E-05	0.00E+00	0.00E+00	0.00E+00	6.22E-06	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00
2176	462428.53	3772955.57	4.17E-05	0.00E+00	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00
2177	462432.19	3772946.54	4.27E-05	0.00E+00	0.00E+00	0.00E+00	6.54E-06	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00
2178	462435.85	3772937.52	4.39E-05	0.00E+00	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00
2179	462446.83	3772910.46	4.75E-05	0.00E+00	0.00E+00	0.00E+00	7.26E-06	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	0.00E+00
2180	462450.48	3772901.43	4.87E-05	0.00E+00	0.00E+00	0.00E+00	7.46E-06	0.00E+00	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	0.00E+00
2181	462454.14	3772892.41	5.00E-05	0.00E+00	0.00E+00	0.00E+00	7.65E-06	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00
2182	462457.8	3772883.39	5.13E-05	0.00E+00	0.00E+00	0.00E+00	7.85E-06	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00
2183	462479.76	3772829.26	5.88E-05	0.00E+00	0.00E+00	0.00E+00	9.00E-06	0.00E+00	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	0.00E+00
2184	462483.42	3772820.23	5.99E-05	0.00E+00	0.00E+00	0.00E+00	9.17E-06	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00
2185	462487.08	3772811.21	6.10E-05	0.00E+00	0.00E+00	0.00E+00	9.33E-06	0.00E+00	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	0.00E+00
2186	462490.74	3772802.19	6.19E-05	0.00E+00	0.00E+00	0.00E+00	9.48E-06	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00
2187	462494.4	3772793.17	6.28E-05	0.00E+00	0.00E+00	0.00E+00	9.62E-06	0.00E+00	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	0.00E+00
2188	462498.06	3772784.15	6.36E-05	0.00E+00	0.00E+00	0.00E+00	9.74E-06	0.00E+00	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	0.00E+00
2189	462501.71	3772775.12	6.44E-05	0.00E+00	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	0.00E+00
2190	462505.37	3772766.1	6.50E-05	0.00E+00	0.00E+00	0.00E+00	9.95E-06	0.00E+00	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00
2191	462509.03	3772757.08	6.55E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	0.00E+00
2192	462521.67	3772744.3	6.77E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	0.00E+00
2193	462530.65	3772740.54	6.95E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	0.00E+00
2194	462539.63	3772736.78	7.12E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	0.00E+00
2195	462548.61	3772733.02	7.28E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00
2196	462557.59	3772729.26	7.44E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	0.00E+00
2197	462566.57	3772725.5	7.58E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	0.00E+00
2198	462575.56	3772721.74	7.72E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00
2199	462584.54	3772717.98	7.84E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-06	0.00E+00	0.00E+00	0.00E+00
2200	462593.52	3772714.21	7.95E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	0.00E+00
2201	462656.38	3772687.89	8.25E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	0.00E+00
2202	462665.36	3772684.13	8.22E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	5.39E-06	0.00E+00	0.00E+00	0.00E+00
2203	462674.34	3772680.37	8.17E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	0.00E+00
2204	462683.32	3772676.61	8.11E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	0.00E+00

2205	462692.3	3772672.85	8.03E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.27E-06	0.00E+00	0.00E+00	0.00E+00
2206	462701.28	3772669.09	7.93E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	0.00E+00
2207	462710.26	3772665.33	7.82E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00
2208	462719.24	3772661.57	7.69E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	0.00E+00
2209	462728.22	3772657.81	7.55E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	0.00E+00
2210	462737.2	3772654.05	7.39E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00
2211	462746.18	3772650.29	7.23E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	0.00E+00
2212	462755.16	3772646.53	7.05E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	0.00E+00
2213	462764.14	3772642.77	6.86E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	0.00E+00
2214	462773.12	3772639.01	6.67E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	0.00E+00
2215	462782.1	3772635.25	6.47E-05	0.00E+00	0.00E+00	0.00E+00	9.90E-06	0.00E+00	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	0.00E+00
2216	462791.08	3772631.49	6.26E-05	0.00E+00	0.00E+00	0.00E+00	9.58E-06	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00
2217	462800.06	3772627.73	6.05E-05	0.00E+00	0.00E+00	0.00E+00	9.26E-06	0.00E+00	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	0.00E+00
2218	462809.05	3772623.97	5.84E-05	0.00E+00	0.00E+00	0.00E+00	8.94E-06	0.00E+00	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	0.00E+00
2219	462818.03	3772620.21	5.62E-05	0.00E+00	0.00E+00	0.00E+00	8.61E-06	0.00E+00	0.00E+00	0.00E+00	3.69E-06	0.00E+00	0.00E+00	0.00E+00
2220	462827.01	3772616.45	5.41E-05	0.00E+00	0.00E+00	0.00E+00	8.29E-06	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00
2221	462835.99	3772612.68	5.20E-05	0.00E+00	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00
2222	462844.97	3772608.92	5.00E-05	0.00E+00	0.00E+00	0.00E+00	7.65E-06	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00
2223	462853.95	3772605.16	4.79E-05	0.00E+00	0.00E+00	0.00E+00	7.34E-06	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00
2224	462862.93	3772601.4	4.60E-05	0.00E+00	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00
2225	462871.91	3772597.64	4.40E-05	0.00E+00	0.00E+00	0.00E+00	6.74E-06	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00
2226	462880.89	3772593.88	4.22E-05	0.00E+00	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
2227	462889.87	3772590.12	4.04E-05	0.00E+00	0.00E+00	0.00E+00	6.18E-06	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00
2228	462898.85	3772586.36	3.87E-05	0.00E+00	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00
2229	462907.83	3772582.6	3.70E-05	0.00E+00	0.00E+00	0.00E+00	5.67E-06	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00
2230	462348.02	3773154.05	2.84E-05	0.00E+00	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00
2231	462348.11	3773164.01	2.83E-05	0.00E+00	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00
2232	462348.21	3773173.96	2.82E-05	0.00E+00	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
2233	462348.3	3773183.92	2.82E-05	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
2234	462348.39	3773193.87	2.81E-05	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
2235	462348.48	3773203.83	2.81E-05	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
2236	462348.57	3773213.78	2.80E-05	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00
2237	462348.66	3773223.74	2.79E-05	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00
2238	462348.75	3773233.69	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00
2239	462348.84	3773243.65	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
2240	462325.4	3773136.14	2.64E-05	0.00E+00	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
2241	462329.09	3773127.05	2.68E-05	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
2242	462332.78	3773117.95	2.71E-05	0.00E+00	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
2243	462336.47	3773108.86	2.75E-05	0.00E+00	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
2244	462340.15	3773099.77	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
2245	462343.84	3773090.68	2.82E-05	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
2246	462347.53	3773081.58	2.86E-05	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
2247	462351.22	3773072.49	2.90E-05	0.00E+00	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00
2248	462358.59	3773054.3	2.98E-05	0.00E+00	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00
2249	462362.28	3773045.21	3.03E-05	0.00E+00	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
2250	462365.97	3773036.12	3.08E-05	0.00E+00	0.00E+00	0.00E+00	4.71E-06	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00
2251	462369.66	3773027.03	3.13E-05	0.00E+00	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00
2252	462373.34	3773017.93	3.19E-05	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00

2253	462377.03	3773008.84	3.25E-05	0.00E+00	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00
2254	462380.72	3772999.75	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
2255	462384.41	3772990.65	3.38E-05	0.00E+00	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
2256	462388.1	3772981.56	3.45E-05	0.00E+00	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00
2257	462391.78	3772972.47	3.52E-05	0.00E+00	0.00E+00	0.00E+00	5.39E-06	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00
2258	462395.47	3772963.38	3.60E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00
2259	462399.16	3772954.28	3.69E-05	0.00E+00	0.00E+00	0.00E+00	5.65E-06	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00
2260	462402.85	3772945.19	3.78E-05	0.00E+00	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00
2261	462413.91	3772917.91	4.07E-05	0.00E+00	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00
2262	462417.6	3772908.82	4.18E-05	0.00E+00	0.00E+00	0.00E+00	6.39E-06	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00
2263	462421.29	3772899.73	4.28E-05	0.00E+00	0.00E+00	0.00E+00	6.56E-06	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00
2264	462424.98	3772890.63	4.39E-05	0.00E+00	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00
2265	462447.1	3772836.08	5.08E-05	0.00E+00	0.00E+00	0.00E+00	7.78E-06	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00
2266	462450.79	3772826.99	5.19E-05	0.00E+00	0.00E+00	0.00E+00	7.95E-06	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00
2267	462454.48	3772817.89	5.30E-05	0.00E+00	0.00E+00	0.00E+00	8.11E-06	0.00E+00	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	0.00E+00
2268	462458.17	3772808.8	5.40E-05	0.00E+00	0.00E+00	0.00E+00	8.27E-06	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	0.00E+00
2269	462461.86	3772799.71	5.50E-05	0.00E+00	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00
2270	462465.54	3772790.61	5.59E-05	0.00E+00	0.00E+00	0.00E+00	8.56E-06	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00
2271	462469.23	3772781.52	5.68E-05	0.00E+00	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00
2272	462472.92	3772772.43	5.76E-05	0.00E+00	0.00E+00	0.00E+00	8.81E-06	0.00E+00	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	0.00E+00
2273	462476.61	3772763.34	5.83E-05	0.00E+00	0.00E+00	0.00E+00	8.92E-06	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00
2274	462480.3	3772754.24	5.89E-05	0.00E+00	0.00E+00	0.00E+00	9.02E-06	0.00E+00	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	0.00E+00
2275	462483.98	3772745.15	5.95E-05	0.00E+00	0.00E+00	0.00E+00	9.10E-06	0.00E+00	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	0.00E+00
2276	462487.67	3772736.06	5.99E-05	0.00E+00	0.00E+00	0.00E+00	9.18E-06	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00
2277	462500.41	3772723.17	6.19E-05	0.00E+00	0.00E+00	0.00E+00	9.48E-06	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00
2278	462509.46	3772719.38	6.35E-05	0.00E+00	0.00E+00	0.00E+00	9.72E-06	0.00E+00	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	0.00E+00
2279	462518.51	3772715.6	6.50E-05	0.00E+00	0.00E+00	0.00E+00	9.95E-06	0.00E+00	0.00E+00	0.00E+00	4.27E-06	0.00E+00	0.00E+00	0.00E+00
2280	462527.56	3772711.81	6.65E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	0.00E+00
2281	462536.61	3772708.02	6.79E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00
2282	462545.67	3772704.23	6.92E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00
2283	462554.72	3772700.44	7.04E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	0.00E+00
2284	462563.77	3772696.65	7.15E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00
2285	462572.82	3772692.86	7.24E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	0.00E+00
2286	462581.87	3772689.07	7.33E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	0.00E+00
2287	462590.92	3772685.28	7.40E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	0.00E+00
2288	462627.12	3772670.12	7.55E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	0.00E+00
2289	462636.17	3772666.33	7.55E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	0.00E+00
2290	462645.22	3772662.54	7.54E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	0.00E+00
2291	462654.27	3772658.75	7.51E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	0.00E+00
2292	462663.33	3772654.96	7.46E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	0.00E+00
2293	462672.38	3772651.17	7.40E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00
2294	462681.43	3772647.38	7.32E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	0.00E+00
2295	462690.48	3772643.59	7.23E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	0.00E+00
2296	462699.53	3772639.8	7.13E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	0.00E+00
2297	462708.58	3772636.01	7.01E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	0.00E+00
2298	462717.63	3772632.22	6.88E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00
2299	462726.68	3772628.43	6.74E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	0.00E+00
2300	462735.73	3772624.64	6.59E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00

2301	462744.78	3772620.85	6.43E-05	0.00E+00	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	0.00E+00
2302	462753.83	3772617.06	6.27E-05	0.00E+00	0.00E+00	0.00E+00	9.60E-06	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00
2303	462762.88	3772613.27	6.10E-05	0.00E+00	0.00E+00	0.00E+00	9.33E-06	0.00E+00	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	0.00E+00
2304	462771.93	3772609.48	5.92E-05	0.00E+00	0.00E+00	0.00E+00	9.06E-06	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00
2305	462780.99	3772605.69	5.74E-05	0.00E+00	0.00E+00	0.00E+00	8.78E-06	0.00E+00	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	0.00E+00
2306	462790.04	3772601.9	5.55E-05	0.00E+00	0.00E+00	0.00E+00	8.50E-06	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	0.00E+00
2307	462799.09	3772598.11	5.36E-05	0.00E+00	0.00E+00	0.00E+00	8.21E-06	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00
2308	462808.14	3772594.32	5.17E-05	0.00E+00	0.00E+00	0.00E+00	7.92E-06	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	0.00E+00
2309	462817.19	3772590.53	4.99E-05	0.00E+00	0.00E+00	0.00E+00	7.64E-06	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00
2310	462826.24	3772586.74	4.80E-05	0.00E+00	0.00E+00	0.00E+00	7.35E-06	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00
2311	462835.29	3772582.95	4.62E-05	0.00E+00	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00
2312	462844.34	3772579.16	4.44E-05	0.00E+00	0.00E+00	0.00E+00	6.79E-06	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00
2313	462853.39	3772575.37	4.26E-05	0.00E+00	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00
2314	462862.44	3772571.58	4.09E-05	0.00E+00	0.00E+00	0.00E+00	6.26E-06	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00
2315	462871.49	3772567.79	3.92E-05	0.00E+00	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
2316	462880.54	3772564	3.76E-05	0.00E+00	0.00E+00	0.00E+00	5.75E-06	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	0.00E+00
2317	462889.59	3772560.21	3.60E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00
2318	462898.65	3772556.42	3.45E-05	0.00E+00	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00
2319	462907.7	3772552.63	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
2320	462281.72	3773145.57	2.31E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
2321	462285.42	3773136.46	2.35E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
2322	462289.12	3773127.34	2.38E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	0.00E+00
2323	462292.82	3773118.22	2.40E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
2324	462296.52	3773109.11	2.43E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
2325	462300.21	3773099.99	2.46E-05	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
2326	462303.91	3773090.87	2.49E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
2327	462322.4	3773045.29	2.66E-05	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00
2328	462326.1	3773036.17	2.70E-05	0.00E+00	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
2329	462329.8	3773027.05	2.74E-05	0.00E+00	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
2330	462333.49	3773017.93	2.79E-05	0.00E+00	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00
2331	462337.19	3773008.82	2.83E-05	0.00E+00	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00
2332	462340.89	3772999.7	2.88E-05	0.00E+00	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
2333	462344.59	3772990.58	2.93E-05	0.00E+00	0.00E+00	0.00E+00	4.49E-06	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00
2334	462348.29	3772981.47	2.99E-05	0.00E+00	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00
2335	462351.98	3772972.35	3.04E-05	0.00E+00	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
2336	462355.68	3772963.23	3.10E-05	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
2337	462359.38	3772954.12	3.17E-05	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00
2338	462363.08	3772945	3.24E-05	0.00E+00	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00
2339	462366.77	3772935.88	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
2340	462374.17	3772917.65	3.46E-05	0.00E+00	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00
2341	462377.87	3772908.53	3.55E-05	0.00E+00	0.00E+00	0.00E+00	5.43E-06	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00
2342	462381.57	3772899.41	3.63E-05	0.00E+00	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00
2343	462385.26	3772890.3	3.72E-05	0.00E+00	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00
2344	462388.96	3772881.18	3.81E-05	0.00E+00	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00
2345	462411.15	3772826.48	4.40E-05	0.00E+00	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00
2346	462414.85	3772817.36	4.49E-05	0.00E+00	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00
2347	462418.54	3772808.24	4.59E-05	0.00E+00	0.00E+00	0.00E+00	7.02E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00
2348	462422.24	3772799.13	4.68E-05	0.00E+00	0.00E+00	0.00E+00	7.17E-06	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00

2349	462425.94	3772790.01	4.77E-05	0.00E+00	0.00E+00	0.00E+00	7.31E-06	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00
2350	462429.64	3772780.89	4.86E-05	0.00E+00	0.00E+00	0.00E+00	7.44E-06	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00
2351	462433.34	3772771.78	4.94E-05	0.00E+00	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00
2352	462437.03	3772762.66	5.02E-05	0.00E+00	0.00E+00	0.00E+00	7.69E-06	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00
2353	462440.73	3772753.54	5.09E-05	0.00E+00	0.00E+00	0.00E+00	7.80E-06	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00
2354	462444.43	3772744.42	5.16E-05	0.00E+00	0.00E+00	0.00E+00	7.90E-06	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00
2355	462448.13	3772735.31	5.22E-05	0.00E+00	0.00E+00	0.00E+00	7.99E-06	0.00E+00	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	0.00E+00
2356	462451.82	3772726.19	5.28E-05	0.00E+00	0.00E+00	0.00E+00	8.08E-06	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00
2357	462455.52	3772717.07	5.32E-05	0.00E+00	0.00E+00	0.00E+00	8.15E-06	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00
2358	462459.22	3772707.96	5.36E-05	0.00E+00	0.00E+00	0.00E+00	8.21E-06	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00
2359	462471.99	3772695.04	5.53E-05	0.00E+00	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00
2360	462481.07	3772691.24	5.67E-05	0.00E+00	0.00E+00	0.00E+00	8.68E-06	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	0.00E+00
2361	462490.14	3772687.44	5.80E-05	0.00E+00	0.00E+00	0.00E+00	8.88E-06	0.00E+00	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	0.00E+00
2362	462499.22	3772683.64	5.92E-05	0.00E+00	0.00E+00	0.00E+00	9.07E-06	0.00E+00	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	0.00E+00
2363	462508.29	3772679.84	6.04E-05	0.00E+00	0.00E+00	0.00E+00	9.25E-06	0.00E+00	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	0.00E+00
2364	462517.37	3772676.04	6.15E-05	0.00E+00	0.00E+00	0.00E+00	9.42E-06	0.00E+00	0.00E+00	0.00E+00	4.04E-06	0.00E+00	0.00E+00	0.00E+00
2365	462526.44	3772672.24	6.26E-05	0.00E+00	0.00E+00	0.00E+00	9.58E-06	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00
2366	462535.52	3772668.44	6.36E-05	0.00E+00	0.00E+00	0.00E+00	9.73E-06	0.00E+00	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	0.00E+00
2367	462544.59	3772664.64	6.44E-05	0.00E+00	0.00E+00	0.00E+00	9.86E-06	0.00E+00	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	0.00E+00
2368	462553.67	3772660.84	6.52E-05	0.00E+00	0.00E+00	0.00E+00	9.98E-06	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	0.00E+00
2369	462562.74	3772657.04	6.59E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	0.00E+00
2370	462571.82	3772653.24	6.64E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	0.00E+00
2371	462580.89	3772649.44	6.69E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	0.00E+00
2372	462589.97	3772645.64	6.72E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	0.00E+00
2373	462599.04	3772641.84	6.74E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	0.00E+00
2374	462626.27	3772630.44	6.73E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	0.00E+00
2375	462635.34	3772626.64	6.71E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00
2376	462644.42	3772622.84	6.67E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	0.00E+00
2377	462653.49	3772619.04	6.61E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	0.00E+00
2378	462662.57	3772615.24	6.55E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	0.00E+00
2379	462671.64	3772611.44	6.47E-05	0.00E+00	0.00E+00	0.00E+00	9.91E-06	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00
2380	462680.72	3772607.64	6.39E-05	0.00E+00	0.00E+00	0.00E+00	9.78E-06	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	0.00E+00
2381	462689.79	3772603.84	6.29E-05	0.00E+00	0.00E+00	0.00E+00	9.63E-06	0.00E+00	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	0.00E+00
2382	462698.87	3772600.04	6.18E-05	0.00E+00	0.00E+00	0.00E+00	9.47E-06	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00
2383	462707.94	3772596.24	6.07E-05	0.00E+00	0.00E+00	0.00E+00	9.29E-06	0.00E+00	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	0.00E+00
2384	462717.02	3772592.44	5.94E-05	0.00E+00	0.00E+00	0.00E+00	9.10E-06	0.00E+00	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	0.00E+00
2385	462726.09	3772588.64	5.81E-05	0.00E+00	0.00E+00	0.00E+00	8.90E-06	0.00E+00	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	0.00E+00
2386	462735.17	3772584.84	5.67E-05	0.00E+00	0.00E+00	0.00E+00	8.68E-06	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	0.00E+00
2387	462744.24	3772581.04	5.53E-05	0.00E+00	0.00E+00	0.00E+00	8.46E-06	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00
2388	462753.32	3772577.24	5.38E-05	0.00E+00	0.00E+00	0.00E+00	8.23E-06	0.00E+00	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00
2389	462762.39	3772573.44	5.23E-05	0.00E+00	0.00E+00	0.00E+00	8.00E-06	0.00E+00	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	0.00E+00
2390	462771.46	3772569.64	5.07E-05	0.00E+00	0.00E+00	0.00E+00	7.76E-06	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00
2391	462780.54	3772565.84	4.91E-05	0.00E+00	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00
2392	462789.61	3772562.04	4.75E-05	0.00E+00	0.00E+00	0.00E+00	7.27E-06	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	0.00E+00
2393	462798.69	3772558.24	4.59E-05	0.00E+00	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00
2394	462807.76	3772554.44	4.43E-05	0.00E+00	0.00E+00	0.00E+00	6.78E-06	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00
2395	462816.84	3772550.64	4.27E-05	0.00E+00	0.00E+00	0.00E+00	6.54E-06	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00
2396	462825.91	3772546.84	4.12E-05	0.00E+00	0.00E+00	0.00E+00	6.30E-06	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00

2397	462834.99	3772543.04	3.96E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00
2398	462844.06	3772539.24	3.81E-05	0.00E+00	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00
2399	462853.14	3772535.44	3.66E-05	0.00E+00	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00
2400	462862.21	3772531.64	3.52E-05	0.00E+00	0.00E+00	0.00E+00	5.39E-06	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00
2401	462871.29	3772527.84	3.38E-05	0.00E+00	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
2402	462880.36	3772524.04	3.25E-05	0.00E+00	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00
2403	462889.44	3772520.24	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
2404	462898.51	3772516.44	3.00E-05	0.00E+00	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
2405	462907.59	3772512.64	2.88E-05	0.00E+00	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
2406	462278.03	3773154.69	2.29E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
2407	462278.12	3773164.65	2.29E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
2408	462278.21	3773174.6	2.28E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
2409	462278.3	3773184.56	2.28E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	0.00E+00
2410	462278.39	3773194.51	2.27E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	0.00E+00
2411	462278.48	3773204.47	2.26E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
2412	462278.57	3773214.42	2.26E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
2413	462278.66	3773224.38	2.26E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
2414	462278.75	3773234.33	2.25E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
2415	462278.85	3773244.29	2.25E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
2416	462241.73	3773145.92	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
2417	462245.44	3773136.78	2.11E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	0.00E+00
2418	462249.15	3773127.64	2.13E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	0.00E+00
2419	462252.85	3773118.5	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
2420	462256.56	3773109.36	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
2421	462260.27	3773100.22	2.20E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
2422	462263.97	3773091.09	2.23E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
2423	462267.68	3773081.95	2.25E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
2424	462271.39	3773072.81	2.28E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
2425	462275.09	3773063.67	2.31E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00
2426	462278.8	3773054.53	2.34E-05	0.00E+00	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
2427	462282.51	3773045.39	2.37E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
2428	462286.21	3773036.26	2.40E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
2429	462289.92	3773027.12	2.43E-05	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
2430	462293.63	3773017.98	2.46E-05	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
2431	462297.33	3773008.84	2.50E-05	0.00E+00	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
2432	462301.04	3772999.7	2.54E-05	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
2433	462304.75	3772990.56	2.58E-05	0.00E+00	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00
2434	462323.28	3772944.87	2.82E-05	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
2435	462326.99	3772935.73	2.87E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00
2436	462334.4	3772917.45	2.99E-05	0.00E+00	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00
2437	462338.11	3772908.32	3.06E-05	0.00E+00	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
2438	462341.81	3772899.18	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
2439	462345.52	3772890.04	3.20E-05	0.00E+00	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00
2440	462349.22	3772880.9	3.27E-05	0.00E+00	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00
2441	462371.46	3772826.07	3.75E-05	0.00E+00	0.00E+00	0.00E+00	5.74E-06	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00
2442	462375.17	3772816.93	3.84E-05	0.00E+00	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00
2443	462378.88	3772807.79	3.92E-05	0.00E+00	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
2444	462382.58	3772798.65	4.01E-05	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00

2445	462386.29	3772789.52	4.09E-05	0.00E+00	0.00E+00	0.00E+00	6.26E-06	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00
2446	462390	3772780.38	4.17E-05	0.00E+00	0.00E+00	0.00E+00	6.39E-06	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00
2447	462393.7	3772771.24	4.25E-05	0.00E+00	0.00E+00	0.00E+00	6.51E-06	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00
2448	462397.41	3772762.1	4.33E-05	0.00E+00	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00
2449	462401.12	3772752.96	4.40E-05	0.00E+00	0.00E+00	0.00E+00	6.74E-06	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00
2450	462404.82	3772743.82	4.47E-05	0.00E+00	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00
2451	462408.53	3772734.68	4.54E-05	0.00E+00	0.00E+00	0.00E+00	6.95E-06	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00
2452	462412.24	3772725.55	4.60E-05	0.00E+00	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00
2453	462415.94	3772716.41	4.66E-05	0.00E+00	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	0.00E+00
2454	462419.65	3772707.27	4.71E-05	0.00E+00	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00
2455	462423.36	3772698.13	4.76E-05	0.00E+00	0.00E+00	0.00E+00	7.28E-06	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	0.00E+00
2456	462427.06	3772688.99	4.80E-05	0.00E+00	0.00E+00	0.00E+00	7.35E-06	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00
2457	462430.77	3772679.85	4.83E-05	0.00E+00	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	0.00E+00
2458	462443.57	3772666.91	4.98E-05	0.00E+00	0.00E+00	0.00E+00	7.63E-06	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00
2459	462452.67	3772663.1	5.10E-05	0.00E+00	0.00E+00	0.00E+00	7.80E-06	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00
2460	462461.76	3772659.29	5.21E-05	0.00E+00	0.00E+00	0.00E+00	7.97E-06	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	0.00E+00
2461	462470.86	3772655.48	5.32E-05	0.00E+00	0.00E+00	0.00E+00	8.14E-06	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00
2462	462479.96	3772651.67	5.42E-05	0.00E+00	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	0.00E+00
2463	462489.05	3772647.86	5.52E-05	0.00E+00	0.00E+00	0.00E+00	8.44E-06	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	0.00E+00
2464	462498.15	3772644.05	5.61E-05	0.00E+00	0.00E+00	0.00E+00	8.58E-06	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00
2465	462507.25	3772640.24	5.69E-05	0.00E+00	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00
2466	462516.34	3772636.43	5.77E-05	0.00E+00	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00
2467	462525.44	3772632.63	5.84E-05	0.00E+00	0.00E+00	0.00E+00	8.94E-06	0.00E+00	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	0.00E+00
2468	462534.53	3772628.82	5.90E-05	0.00E+00	0.00E+00	0.00E+00	9.04E-06	0.00E+00	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	0.00E+00
2469	462543.63	3772625.01	5.96E-05	0.00E+00	0.00E+00	0.00E+00	9.12E-06	0.00E+00	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00
2470	462552.73	3772621.2	6.00E-05	0.00E+00	0.00E+00	0.00E+00	9.19E-06	0.00E+00	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	0.00E+00
2471	462561.82	3772617.39	6.04E-05	0.00E+00	0.00E+00	0.00E+00	9.24E-06	0.00E+00	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	0.00E+00
2472	462570.92	3772613.58	6.06E-05	0.00E+00	0.00E+00	0.00E+00	9.28E-06	0.00E+00	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	0.00E+00
2473	462580.02	3772609.77	6.08E-05	0.00E+00	0.00E+00	0.00E+00	9.30E-06	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00
2474	462589.11	3772605.96	6.08E-05	0.00E+00	0.00E+00	0.00E+00	9.31E-06	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00
2475	462598.21	3772602.15	6.08E-05	0.00E+00	0.00E+00	0.00E+00	9.30E-06	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00
2476	462625.5	3772590.73	6.00E-05	0.00E+00	0.00E+00	0.00E+00	9.18E-06	0.00E+00	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	0.00E+00
2477	462634.59	3772586.92	5.95E-05	0.00E+00	0.00E+00	0.00E+00	9.11E-06	0.00E+00	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00
2478	462643.69	3772583.11	5.90E-05	0.00E+00	0.00E+00	0.00E+00	9.03E-06	0.00E+00	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	0.00E+00
2479	462652.79	3772579.3	5.83E-05	0.00E+00	0.00E+00	0.00E+00	8.93E-06	0.00E+00	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	0.00E+00
2480	462661.88	3772575.49	5.76E-05	0.00E+00	0.00E+00	0.00E+00	8.82E-06	0.00E+00	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	0.00E+00
2481	462670.98	3772571.68	5.68E-05	0.00E+00	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00
2482	462680.08	3772567.87	5.59E-05	0.00E+00	0.00E+00	0.00E+00	8.56E-06	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00
2483	462689.17	3772564.06	5.49E-05	0.00E+00	0.00E+00	0.00E+00	8.41E-06	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	0.00E+00
2484	462698.27	3772560.26	5.39E-05	0.00E+00	0.00E+00	0.00E+00	8.25E-06	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	0.00E+00
2485	462707.36	3772556.45	5.28E-05	0.00E+00	0.00E+00	0.00E+00	8.08E-06	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00
2486	462716.46	3772552.64	5.16E-05	0.00E+00	0.00E+00	0.00E+00	7.90E-06	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00
2487	462725.56	3772548.83	5.04E-05	0.00E+00	0.00E+00	0.00E+00	7.71E-06	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00
2488	462734.65	3772545.02	4.91E-05	0.00E+00	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00
2489	462743.75	3772541.21	4.78E-05	0.00E+00	0.00E+00	0.00E+00	7.32E-06	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00
2490	462752.85	3772537.4	4.65E-05	0.00E+00	0.00E+00	0.00E+00	7.12E-06	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00
2491	462761.94	3772533.59	4.52E-05	0.00E+00	0.00E+00	0.00E+00	6.91E-06	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00
2492	462771.04	3772529.78	4.38E-05	0.00E+00	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00

2493	462780.14	3772525.98	4.24E-05	0.00E+00	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00
2494	462789.23	3772522.17	4.10E-05	0.00E+00	0.00E+00	0.00E+00	6.28E-06	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00
2495	462798.33	3772518.36	3.97E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00
2496	462807.42	3772514.55	3.83E-05	0.00E+00	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00
2497	462816.52	3772510.74	3.70E-05	0.00E+00	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00
2498	462825.62	3772506.93	3.57E-05	0.00E+00	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00
2499	462834.71	3772503.12	3.44E-05	0.00E+00	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00
2500	462843.81	3772499.31	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
2501	462852.91	3772495.5	3.19E-05	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
2502	462862	3772491.7	3.07E-05	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
2503	462871.1	3772487.89	2.95E-05	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
2504	462880.19	3772484.08	2.84E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00
2505	462889.29	3772480.27	2.73E-05	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00
2506	462898.39	3772476.46	2.63E-05	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00
2507	462238.03	3773155.06	2.06E-05	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
2508	462238.12	3773165.01	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
2509	462238.21	3773174.97	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
2510	462238.3	3773184.92	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
2511	462238.39	3773194.88	2.04E-05	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
2512	462238.48	3773204.83	2.03E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
2513	462238.57	3773214.79	2.03E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
2514	462238.67	3773224.74	2.03E-05	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
2515	462238.76	3773234.7	2.02E-05	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
2516	462238.85	3773244.65	2.02E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
2517	462201.74	3773146.26	1.88E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
2518	462224.03	3773091.32	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
2519	462227.74	3773082.16	2.03E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
2520	462231.46	3773073	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
2521	462235.17	3773063.84	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
2522	462238.89	3773054.69	2.10E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	0.00E+00
2523	462242.6	3773045.53	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
2524	462246.32	3773036.37	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
2525	462250.03	3773027.21	2.17E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
2526	462253.75	3773018.06	2.20E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
2527	462257.46	3773008.9	2.23E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
2528	462261.17	3772999.74	2.26E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
2529	462264.89	3772990.58	2.29E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
2530	462268.6	3772981.42	2.33E-05	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
2531	462272.32	3772972.27	2.36E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
2532	462276.03	3772963.11	2.40E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
2533	462279.75	3772953.95	2.44E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
2534	462283.46	3772944.79	2.48E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00
2535	462287.17	3772935.64	2.52E-05	0.00E+00	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00
2536	462294.6	3772917.32	2.62E-05	0.00E+00	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00
2537	462298.32	3772908.16	2.67E-05	0.00E+00	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00
2538	462302.03	3772899.01	2.72E-05	0.00E+00	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00
2539	462305.75	3772889.85	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
2540	462309.46	3772880.69	2.84E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00

2541	462331.75	3772825.74	3.24E-05	0.00E+00	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00
2542	462335.46	3772816.59	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
2543	462339.17	3772807.43	3.38E-05	0.00E+00	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
2544	462342.89	3772798.27	3.45E-05	0.00E+00	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00
2545	462346.6	3772789.11	3.53E-05	0.00E+00	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00
2546	462350.32	3772779.96	3.60E-05	0.00E+00	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00
2547	462354.03	3772770.8	3.67E-05	0.00E+00	0.00E+00	0.00E+00	5.62E-06	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00
2548	462357.75	3772761.64	3.74E-05	0.00E+00	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00
2549	462361.46	3772752.48	3.81E-05	0.00E+00	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00
2550	462365.18	3772743.32	3.88E-05	0.00E+00	0.00E+00	0.00E+00	5.94E-06	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00
2551	462368.89	3772734.17	3.95E-05	0.00E+00	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00
2552	462372.6	3772725.01	4.01E-05	0.00E+00	0.00E+00	0.00E+00	6.14E-06	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00
2553	462376.32	3772715.85	4.07E-05	0.00E+00	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00
2554	462380.03	3772706.69	4.13E-05	0.00E+00	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00
2555	462383.75	3772697.54	4.18E-05	0.00E+00	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00
2556	462387.46	3772688.38	4.23E-05	0.00E+00	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00
2557	462391.18	3772679.22	4.28E-05	0.00E+00	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00
2558	462394.89	3772670.06	4.32E-05	0.00E+00	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00
2559	462398.6	3772660.9	4.35E-05	0.00E+00	0.00E+00	0.00E+00	6.66E-06	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00
2560	462402.32	3772651.75	4.38E-05	0.00E+00	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00
2561	462415.15	3772638.77	4.51E-05	0.00E+00	0.00E+00	0.00E+00	6.91E-06	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00
2562	462424.26	3772634.96	4.61E-05	0.00E+00	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00
2563	462433.38	3772631.14	4.71E-05	0.00E+00	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00
2564	462478.96	3772612.05	5.13E-05	0.00E+00	0.00E+00	0.00E+00	7.86E-06	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00
2565	462488.07	3772608.24	5.20E-05	0.00E+00	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00
2566	462497.19	3772604.42	5.27E-05	0.00E+00	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00
2567	462506.3	3772600.6	5.32E-05	0.00E+00	0.00E+00	0.00E+00	8.15E-06	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00
2568	462515.42	3772596.79	5.37E-05	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00
2569	462524.53	3772592.97	5.41E-05	0.00E+00	0.00E+00	0.00E+00	8.29E-06	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00
2570	462533.65	3772589.15	5.45E-05	0.00E+00	0.00E+00	0.00E+00	8.34E-06	0.00E+00	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	0.00E+00
2571	462542.76	3772585.34	5.48E-05	0.00E+00	0.00E+00	0.00E+00	8.38E-06	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00
2572	462551.88	3772581.52	5.49E-05	0.00E+00	0.00E+00	0.00E+00	8.41E-06	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00
2573	462560.99	3772577.7	5.51E-05	0.00E+00	0.00E+00	0.00E+00	8.43E-06	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00
2574	462570.11	3772573.88	5.51E-05	0.00E+00	0.00E+00	0.00E+00	8.43E-06	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00
2575	462579.23	3772570.07	5.50E-05	0.00E+00	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00
2576	462588.34	3772566.25	5.49E-05	0.00E+00	0.00E+00	0.00E+00	8.40E-06	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	0.00E+00
2577	462597.46	3772562.43	5.46E-05	0.00E+00	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00
2578	462633.92	3772547.17	5.29E-05	0.00E+00	0.00E+00	0.00E+00	8.10E-06	0.00E+00	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	0.00E+00
2579	462643.03	3772543.35	5.23E-05	0.00E+00	0.00E+00	0.00E+00	8.00E-06	0.00E+00	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	0.00E+00
2580	462652.15	3772539.53	5.16E-05	0.00E+00	0.00E+00	0.00E+00	7.90E-06	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	0.00E+00
2581	462661.26	3772535.72	5.08E-05	0.00E+00	0.00E+00	0.00E+00	7.78E-06	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00
2582	462670.38	3772531.9	5.00E-05	0.00E+00	0.00E+00	0.00E+00	7.65E-06	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00
2583	462679.5	3772528.08	4.91E-05	0.00E+00	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00
2584	462688.61	3772524.26	4.82E-05	0.00E+00	0.00E+00	0.00E+00	7.37E-06	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	0.00E+00
2585	462697.73	3772520.45	4.72E-05	0.00E+00	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00
2586	462706.84	3772516.63	4.61E-05	0.00E+00	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00
2587	462715.96	3772512.81	4.51E-05	0.00E+00	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00
2588	462725.07	3772509	4.40E-05	0.00E+00	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00

2589	462734.19	3772505.18	4.28E-05	0.00E+00	0.00E+00	0.00E+00	6.56E-06	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00
2590	462743.3	3772501.36	4.17E-05	0.00E+00	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00
2591	462752.42	3772497.55	4.05E-05	0.00E+00	0.00E+00	0.00E+00	6.20E-06	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00
2592	462761.53	3772493.73	3.93E-05	0.00E+00	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00
2593	462770.65	3772489.91	3.81E-05	0.00E+00	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00
2594	462779.77	3772486.1	3.70E-05	0.00E+00	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00
2595	462788.88	3772482.28	3.58E-05	0.00E+00	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00
2596	462798	3772478.46	3.46E-05	0.00E+00	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00
2597	462807.11	3772474.64	3.34E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
2598	462880.03	3772444.11	2.50E-05	0.00E+00	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
2599	462889.15	3772440.29	2.42E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
2600	462898.27	3772436.48	2.33E-05	0.00E+00	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
2601	462907.38	3772432.66	2.25E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
2602	462198.03	3773155.42	1.86E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
2603	462198.12	3773165.38	1.85E-05	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
2604	462198.21	3773175.33	1.85E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
2605	462198.3	3773185.29	1.85E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
2606	462198.39	3773195.24	1.84E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
2607	462198.49	3773205.2	1.84E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
2608	462161.75	3773146.61	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
2609	462165.47	3773137.44	1.73E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
2610	462169.2	3773128.26	1.75E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
2611	462180.36	3773100.74	1.81E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
2612	462184.08	3773091.56	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
2613	462187.8	3773082.39	1.84E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
2614	462191.52	3773073.21	1.86E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
2615	462195.25	3773064.04	1.88E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
2616	462198.97	3773054.86	1.90E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
2617	462221.29	3772999.81	2.04E-05	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
2618	462225.02	3772990.64	2.06E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
2619	462228.74	3772981.46	2.09E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
2620	462232.46	3772972.29	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
2621	462236.18	3772963.11	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
2622	462239.9	3772953.94	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
2623	462243.62	3772944.76	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
2624	462247.34	3772935.59	2.25E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
2625	462254.79	3772917.24	2.32E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
2626	462258.51	3772908.06	2.36E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
2627	462262.23	3772898.89	2.40E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
2628	462265.95	3772889.71	2.45E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
2629	462269.67	3772880.54	2.50E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
2630	462292	3772825.49	2.82E-05	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
2631	462295.72	3772816.31	2.88E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
2632	462299.44	3772807.14	2.94E-05	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
2633	462303.16	3772797.96	3.00E-05	0.00E+00	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
2634	462306.88	3772788.79	3.06E-05	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
2635	462310.61	3772779.61	3.13E-05	0.00E+00	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
2636	462314.33	3772770.44	3.19E-05	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00

2637	462318.05	3772761.26	3.25E-05	0.00E+00	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
2638	462321.77	3772752.09	3.32E-05	0.00E+00	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
2639	462325.49	3772742.91	3.38E-05	0.00E+00	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
2640	462329.21	3772733.74	3.44E-05	0.00E+00	0.00E+00	0.00E+00	5.27E-06	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00
2641	462332.93	3772724.56	3.50E-05	0.00E+00	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00
2642	462336.66	3772715.39	3.56E-05	0.00E+00	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00
2643	462340.38	3772706.21	3.62E-05	0.00E+00	0.00E+00	0.00E+00	5.54E-06	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00
2644	462344.1	3772697.04	3.67E-05	0.00E+00	0.00E+00	0.00E+00	5.63E-06	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00
2645	462347.82	3772687.86	3.73E-05	0.00E+00	0.00E+00	0.00E+00	5.71E-06	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00
2646	462351.54	3772678.69	3.78E-05	0.00E+00	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00
2647	462355.26	3772669.51	3.82E-05	0.00E+00	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00
2648	462358.98	3772660.34	3.86E-05	0.00E+00	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00
2649	462362.7	3772651.16	3.90E-05	0.00E+00	0.00E+00	0.00E+00	5.98E-06	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00
2650	462366.43	3772641.99	3.94E-05	0.00E+00	0.00E+00	0.00E+00	6.03E-06	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00
2651	462370.15	3772632.81	3.97E-05	0.00E+00	0.00E+00	0.00E+00	6.08E-06	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00
2652	462373.87	3772623.64	4.00E-05	0.00E+00	0.00E+00	0.00E+00	6.12E-06	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00
2653	462404.99	3772602.99	4.28E-05	0.00E+00	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00
2654	462414.12	3772599.17	4.36E-05	0.00E+00	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00
2655	462423.25	3772595.34	4.44E-05	0.00E+00	0.00E+00	0.00E+00	6.80E-06	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	0.00E+00
2656	462432.39	3772591.52	4.52E-05	0.00E+00	0.00E+00	0.00E+00	6.92E-06	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00
2657	462441.52	3772587.7	4.59E-05	0.00E+00	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00
2658	462450.65	3772583.87	4.66E-05	0.00E+00	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	0.00E+00
2659	462478.05	3772572.4	4.83E-05	0.00E+00	0.00E+00	0.00E+00	7.39E-06	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	0.00E+00
2660	462487.18	3772568.58	4.87E-05	0.00E+00	0.00E+00	0.00E+00	7.46E-06	0.00E+00	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	0.00E+00
2661	462496.31	3772564.75	4.91E-05	0.00E+00	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00
2662	462505.45	3772560.93	4.95E-05	0.00E+00	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00
2663	462514.58	3772557.1	4.97E-05	0.00E+00	0.00E+00	0.00E+00	7.61E-06	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00
2664	462523.71	3772553.28	4.99E-05	0.00E+00	0.00E+00	0.00E+00	7.64E-06	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00
2665	462532.84	3772549.45	5.01E-05	0.00E+00	0.00E+00	0.00E+00	7.67E-06	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00
2666	462541.98	3772545.63	5.01E-05	0.00E+00	0.00E+00	0.00E+00	7.68E-06	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00
2667	462551.11	3772541.81	5.01E-05	0.00E+00	0.00E+00	0.00E+00	7.68E-06	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00
2668	462560.24	3772537.98	5.01E-05	0.00E+00	0.00E+00	0.00E+00	7.67E-06	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00
2669	462569.37	3772534.16	4.99E-05	0.00E+00	0.00E+00	0.00E+00	7.64E-06	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00
2670	462578.51	3772530.33	4.97E-05	0.00E+00	0.00E+00	0.00E+00	7.61E-06	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00
2671	462587.64	3772526.51	4.94E-05	0.00E+00	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00
2672	462596.77	3772522.69	4.91E-05	0.00E+00	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00
2673	462605.9	3772518.86	4.87E-05	0.00E+00	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00
2674	462633.3	3772507.39	4.71E-05	0.00E+00	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00
2675	462642.44	3772503.57	4.64E-05	0.00E+00	0.00E+00	0.00E+00	7.11E-06	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00
2676	462651.57	3772499.74	4.57E-05	0.00E+00	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00
2677	462660.7	3772495.92	4.50E-05	0.00E+00	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00
2678	462669.83	3772492.09	4.42E-05	0.00E+00	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00
2679	462678.97	3772488.27	4.33E-05	0.00E+00	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00
2680	462688.1	3772484.44	4.24E-05	0.00E+00	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00
2681	462697.23	3772480.62	4.15E-05	0.00E+00	0.00E+00	0.00E+00	6.35E-06	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00
2682	462706.36	3772476.8	4.06E-05	0.00E+00	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00
2683	462715.5	3772472.97	3.96E-05	0.00E+00	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00
2684	462724.63	3772469.15	3.86E-05	0.00E+00	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00

2685	462788.56	3772442.38	3.14E-05	0.00E+00	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00
2686	462797.69	3772438.56	3.04E-05	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
2687	462806.82	3772434.73	2.94E-05	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
2688	462815.95	3772430.91	2.84E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00
2689	462825.09	3772427.08	2.75E-05	0.00E+00	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
2690	462834.22	3772423.26	2.65E-05	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
2691	462843.35	3772419.43	2.56E-05	0.00E+00	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00
2692	462852.48	3772415.61	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
2693	462861.62	3772411.79	2.39E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
2694	462870.75	3772407.96	2.31E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00
2695	462879.88	3772404.14	2.23E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
2696	462889.02	3772400.31	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
2697	462898.15	3772396.49	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
2698	462907.28	3772392.67	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
2699	462158.03	3773155.79	1.70E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
2700	462158.12	3773165.74	1.69E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
2701	462158.21	3773175.7	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
2702	462158.3	3773185.65	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
2703	462158.4	3773195.61	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
2704	462158.49	3773205.56	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
2705	462158.58	3773215.52	1.67E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
2706	462121.76	3773146.96	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
2707	462125.49	3773137.77	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
2708	462129.22	3773128.58	1.60E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
2709	462140.4	3773101.01	1.65E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
2710	462144.13	3773091.82	1.67E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
2711	462147.85	3773082.63	1.69E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
2712	462151.58	3773073.44	1.70E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
2713	462155.31	3773064.25	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
2714	462159.04	3773055.06	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
2715	462162.77	3773045.87	1.75E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
2716	462166.49	3773036.68	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
2717	462170.22	3773027.49	1.79E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
2718	462173.95	3773018.29	1.81E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
2719	462177.68	3773009.1	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
2720	462181.4	3772999.91	1.85E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
2721	462185.13	3772990.72	1.87E-05	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
2722	462188.86	3772981.53	1.89E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	0.00E+00
2723	462192.59	3772972.34	1.92E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
2724	462196.31	3772963.15	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
2725	462200.04	3772953.96	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
2726	462226.14	3772889.63	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
2727	462229.86	3772880.44	2.22E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
2728	462252.23	3772825.29	2.48E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00
2729	462255.96	3772816.1	2.53E-05	0.00E+00	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00
2730	462259.68	3772806.91	2.58E-05	0.00E+00	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00
2731	462263.41	3772797.72	2.63E-05	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00
2732	462267.14	3772788.53	2.68E-05	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00

2733	462270.87	3772779.34	2.74E-05	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
2734	462274.59	3772770.15	2.79E-05	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00
2735	462278.32	3772760.96	2.85E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
2736	462282.05	3772751.77	2.90E-05	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00
2737	462285.78	3772742.58	2.96E-05	0.00E+00	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
2738	462289.51	3772733.39	3.02E-05	0.00E+00	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00
2739	462293.23	3772724.2	3.07E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00
2740	462296.96	3772715.01	3.13E-05	0.00E+00	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
2741	462300.69	3772705.82	3.18E-05	0.00E+00	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
2742	462304.42	3772696.63	3.23E-05	0.00E+00	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00
2743	462308.14	3772687.44	3.28E-05	0.00E+00	0.00E+00	0.00E+00	5.03E-06	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00
2744	462311.87	3772678.24	3.33E-05	0.00E+00	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
2745	462315.6	3772669.05	3.38E-05	0.00E+00	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
2746	462319.33	3772659.86	3.43E-05	0.00E+00	0.00E+00	0.00E+00	5.25E-06	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00
2747	462323.05	3772650.67	3.47E-05	0.00E+00	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00
2748	462326.78	3772641.48	3.51E-05	0.00E+00	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00
2749	462330.51	3772632.29	3.55E-05	0.00E+00	0.00E+00	0.00E+00	5.43E-06	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00
2750	462334.24	3772623.1	3.58E-05	0.00E+00	0.00E+00	0.00E+00	5.48E-06	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00
2751	462345.42	3772595.53	3.67E-05	0.00E+00	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00
2752	462358.3	3772582.51	3.76E-05	0.00E+00	0.00E+00	0.00E+00	5.76E-06	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	0.00E+00
2753	462367.44	3772578.68	3.84E-05	0.00E+00	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00
2754	462376.59	3772574.85	3.92E-05	0.00E+00	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
2755	462385.74	3772571.02	3.99E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-06	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00
2756	462394.89	3772567.19	4.06E-05	0.00E+00	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00
2757	462404.04	3772563.36	4.12E-05	0.00E+00	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00
2758	462413.18	3772559.53	4.19E-05	0.00E+00	0.00E+00	0.00E+00	6.41E-06	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00
2759	462422.33	3772555.69	4.25E-05	0.00E+00	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00
2760	462431.48	3772551.86	4.30E-05	0.00E+00	0.00E+00	0.00E+00	6.58E-06	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	0.00E+00
2761	462440.63	3772548.03	4.35E-05	0.00E+00	0.00E+00	0.00E+00	6.66E-06	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00
2762	462449.78	3772544.2	4.40E-05	0.00E+00	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00
2763	462477.22	3772532.71	4.51E-05	0.00E+00	0.00E+00	0.00E+00	6.91E-06	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00
2764	462486.37	3772528.88	4.54E-05	0.00E+00	0.00E+00	0.00E+00	6.95E-06	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00
2765	462495.52	3772525.05	4.56E-05	0.00E+00	0.00E+00	0.00E+00	6.98E-06	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00
2766	462504.67	3772521.22	4.58E-05	0.00E+00	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00
2767	462513.81	3772517.39	4.59E-05	0.00E+00	0.00E+00	0.00E+00	7.02E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00
2768	462522.96	3772513.56	4.59E-05	0.00E+00	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00
2769	462532.11	3772509.73	4.59E-05	0.00E+00	0.00E+00	0.00E+00	7.02E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00
2770	462541.26	3772505.9	4.58E-05	0.00E+00	0.00E+00	0.00E+00	7.01E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00
2771	462550.41	3772502.07	4.57E-05	0.00E+00	0.00E+00	0.00E+00	6.99E-06	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00
2772	462559.55	3772498.24	4.55E-05	0.00E+00	0.00E+00	0.00E+00	6.96E-06	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00
2773	462568.7	3772494.4	4.52E-05	0.00E+00	0.00E+00	0.00E+00	6.92E-06	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00
2774	462577.85	3772490.57	4.49E-05	0.00E+00	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00
2775	462587	3772486.74	4.46E-05	0.00E+00	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	0.00E+00
2776	462596.15	3772482.91	4.42E-05	0.00E+00	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00
2777	462605.29	3772479.08	4.37E-05	0.00E+00	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00
2778	462632.74	3772467.59	4.20E-05	0.00E+00	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00
2779	462696.78	3772440.78	3.67E-05	0.00E+00	0.00E+00	0.00E+00	5.62E-06	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00
2780	462705.92	3772436.95	3.58E-05	0.00E+00	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00

2781	462715.07	3772433.12	3.50E-05	0.00E+00	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00
2782	462724.22	3772429.28	3.41E-05	0.00E+00	0.00E+00	0.00E+00	5.22E-06	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00
2783	462733.37	3772425.45	3.32E-05	0.00E+00	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
2784	462742.52	3772421.62	3.23E-05	0.00E+00	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00
2785	462751.66	3772417.79	3.14E-05	0.00E+00	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00
2786	462760.81	3772413.96	3.05E-05	0.00E+00	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
2787	462769.96	3772410.13	2.96E-05	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
2788	462779.11	3772406.3	2.87E-05	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00
2789	462788.26	3772402.47	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
2790	462797.4	3772398.64	2.69E-05	0.00E+00	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
2791	462806.55	3772394.81	2.60E-05	0.00E+00	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00
2792	462815.7	3772390.98	2.52E-05	0.00E+00	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00
2793	462824.85	3772387.15	2.44E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
2794	462834	3772383.32	2.36E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
2795	462843.14	3772379.49	2.28E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
2796	462852.29	3772375.66	2.20E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
2797	462861.44	3772371.83	2.13E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	0.00E+00
2798	462870.59	3772367.99	2.06E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
2799	462879.74	3772364.16	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
2800	462888.89	3772360.33	1.93E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
2801	462898.03	3772356.5	1.87E-05	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
2802	462907.18	3772352.67	1.81E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
2803	462118.03	3773156.15	1.56E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
2804	462118.12	3773166.11	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
2805	462118.22	3773176.06	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
2806	462118.31	3773186.02	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
2807	462118.4	3773195.97	1.54E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
2808	462118.49	3773205.93	1.54E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
2809	462118.58	3773215.88	1.54E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
2810	462118.67	3773225.84	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
2811	462118.76	3773235.79	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00
2812	462118.85	3773245.75	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00
2813	462081.77	3773147.31	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	9.54E-07	0.00E+00	0.00E+00	0.00E+00
2814	462085.5	3773138.11	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00	9.62E-07	0.00E+00	0.00E+00	0.00E+00
2815	462089.24	3773128.9	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00	9.71E-07	0.00E+00	0.00E+00	0.00E+00
2816	462100.44	3773101.29	1.52E-05	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00
2817	462104.17	3773092.09	1.54E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
2818	462107.9	3773082.88	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
2819	462111.64	3773073.68	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
2820	462115.37	3773064.47	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
2821	462119.1	3773055.27	1.60E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
2822	462122.84	3773046.06	1.61E-05	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
2823	462126.57	3773036.86	1.63E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
2824	462130.3	3773027.65	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
2825	462137.77	3773009.24	1.67E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
2826	462141.5	3773000.04	1.69E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
2827	462145.24	3772990.83	1.71E-05	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
2828	462148.97	3772981.63	1.73E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00

2829	462152.7	3772972.42	1.75E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
2830	462156.44	3772963.22	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
2831	462160.17	3772954.02	1.79E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
2832	462163.9	3772944.81	1.81E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
2833	462167.64	3772935.61	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
2834	462178.84	3772907.99	1.91E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
2835	462182.57	3772898.79	1.93E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
2836	462186.3	3772889.58	1.96E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
2837	462190.04	3772880.38	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
2838	462246.04	3772742.31	2.61E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00
2839	462249.77	3772733.1	2.66E-05	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
2840	462253.5	3772723.9	2.71E-05	0.00E+00	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
2841	462257.24	3772714.69	2.76E-05	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00
2842	462260.97	3772705.49	2.81E-05	0.00E+00	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00
2843	462264.7	3772696.28	2.86E-05	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
2844	462268.44	3772687.08	2.90E-05	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00
2845	462272.17	3772677.88	2.95E-05	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
2846	462275.9	3772668.67	3.00E-05	0.00E+00	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
2847	462279.64	3772659.47	3.04E-05	0.00E+00	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
2848	462283.37	3772650.26	3.09E-05	0.00E+00	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00
2849	462287.1	3772641.06	3.13E-05	0.00E+00	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
2850	462290.84	3772631.85	3.17E-05	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00
2851	462294.57	3772622.65	3.20E-05	0.00E+00	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00
2852	462305.77	3772595.03	3.30E-05	0.00E+00	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
2853	462309.5	3772585.83	3.33E-05	0.00E+00	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
2854	462313.24	3772576.62	3.35E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-06	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00
2855	462316.97	3772567.42	3.38E-05	0.00E+00	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
2856	462329.87	3772554.38	3.46E-05	0.00E+00	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00
2857	462339.03	3772550.54	3.53E-05	0.00E+00	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00
2858	462348.19	3772546.7	3.60E-05	0.00E+00	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00
2859	462357.35	3772542.87	3.66E-05	0.00E+00	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00
2860	462366.52	3772539.03	3.72E-05	0.00E+00	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00
2861	462375.68	3772535.2	3.78E-05	0.00E+00	0.00E+00	0.00E+00	5.79E-06	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00
2862	462384.84	3772531.36	3.84E-05	0.00E+00	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00
2863	462394	3772527.52	3.89E-05	0.00E+00	0.00E+00	0.00E+00	5.95E-06	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00
2864	462403.16	3772523.69	3.94E-05	0.00E+00	0.00E+00	0.00E+00	6.03E-06	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00
2865	462412.33	3772519.85	3.99E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-06	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00
2866	462421.49	3772516.01	4.03E-05	0.00E+00	0.00E+00	0.00E+00	6.17E-06	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00
2867	462430.65	3772512.18	4.07E-05	0.00E+00	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00
2868	462439.81	3772508.34	4.10E-05	0.00E+00	0.00E+00	0.00E+00	6.28E-06	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00
2869	462448.98	3772504.5	4.13E-05	0.00E+00	0.00E+00	0.00E+00	6.33E-06	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00
2870	462476.46	3772492.99	4.20E-05	0.00E+00	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00
2871	462485.62	3772489.16	4.21E-05	0.00E+00	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00
2872	462494.79	3772485.32	4.22E-05	0.00E+00	0.00E+00	0.00E+00	6.45E-06	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
2873	462503.95	3772481.48	4.22E-05	0.00E+00	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
2874	462513.11	3772477.65	4.22E-05	0.00E+00	0.00E+00	0.00E+00	6.45E-06	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
2875	462522.27	3772473.81	4.21E-05	0.00E+00	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00
2876	462595.57	3772443.12	3.97E-05	0.00E+00	0.00E+00	0.00E+00	6.08E-06	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00

2877	462604.73	3772439.28	3.93E-05	0.00E+00	0.00E+00	0.00E+00	6.01E-06	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00
2878	462632.22	3772427.77	3.76E-05	0.00E+00	0.00E+00	0.00E+00	5.75E-06	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	0.00E+00
2879	462641.38	3772423.94	3.69E-05	0.00E+00	0.00E+00	0.00E+00	5.65E-06	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00
2880	462650.54	3772420.1	3.63E-05	0.00E+00	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00
2881	462659.71	3772416.26	3.56E-05	0.00E+00	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00
2882	462668.87	3772412.43	3.49E-05	0.00E+00	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00
2883	462678.03	3772408.59	3.41E-05	0.00E+00	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00
2884	462687.19	3772404.75	3.34E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
2885	462696.35	3772400.92	3.26E-05	0.00E+00	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
2886	462705.52	3772397.08	3.18E-05	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
2887	462714.68	3772393.24	3.11E-05	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
2888	462723.84	3772389.41	3.03E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
2889	462733	3772385.57	2.95E-05	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
2890	462742.16	3772381.74	2.87E-05	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00
2891	462751.33	3772377.9	2.79E-05	0.00E+00	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00
2892	462760.49	3772374.06	2.71E-05	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
2893	462769.65	3772370.23	2.63E-05	0.00E+00	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00
2894	462778.81	3772366.39	2.55E-05	0.00E+00	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
2895	462787.98	3772362.55	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
2896	462797.14	3772358.72	2.40E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
2897	462806.3	3772354.88	2.32E-05	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
2898	462815.46	3772351.04	2.25E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
2899	462824.62	3772347.21	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
2900	462833.79	3772343.37	2.11E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	0.00E+00
2901	462842.95	3772339.53	2.04E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
2902	462852.11	3772335.7	1.98E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
2903	462861.27	3772331.86	1.92E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
2904	462870.44	3772328.02	1.86E-05	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
2905	462879.6	3772324.19	1.80E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
2906	462888.76	3772320.35	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
2907	462897.92	3772316.51	1.69E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
2908	462907.08	3772312.68	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
2909	462078.04	3773156.52	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.44E-07	0.00E+00	0.00E+00	0.00E+00
2910	462078.13	3773166.47	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00	9.41E-07	0.00E+00	0.00E+00	0.00E+00
2911	462078.22	3773176.43	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00	9.38E-07	0.00E+00	0.00E+00	0.00E+00
2912	462078.31	3773186.38	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.37E-07	0.00E+00	0.00E+00	0.00E+00
2913	462078.4	3773196.34	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.35E-07	0.00E+00	0.00E+00	0.00E+00
2914	462078.49	3773206.29	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.34E-07	0.00E+00	0.00E+00	0.00E+00
2915	462078.58	3773216.25	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00	9.31E-07	0.00E+00	0.00E+00	0.00E+00
2916	462078.67	3773226.2	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00	9.29E-07	0.00E+00	0.00E+00	0.00E+00
2917	462078.76	3773236.16	1.41E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00	9.26E-07	0.00E+00	0.00E+00	0.00E+00
2918	462078.85	3773246.11	1.41E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00	9.24E-07	0.00E+00	0.00E+00	0.00E+00
2919	462041.78	3773147.67	1.35E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00	8.86E-07	0.00E+00	0.00E+00	0.00E+00
2920	462045.51	3773138.45	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00	8.93E-07	0.00E+00	0.00E+00	0.00E+00
2921	462049.25	3773129.23	1.37E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00	9.00E-07	0.00E+00	0.00E+00	0.00E+00
2922	462056.73	3773110.8	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00	9.17E-07	0.00E+00	0.00E+00	0.00E+00
2923	462060.47	3773101.58	1.41E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00	9.27E-07	0.00E+00	0.00E+00	0.00E+00
2924	462064.21	3773092.36	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.35E-07	0.00E+00	0.00E+00	0.00E+00

2925	462067.95	3773083.14	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.43E-07	0.00E+00	0.00E+00	0.00E+00
2926	462071.68	3773073.93	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	9.51E-07	0.00E+00	0.00E+00	0.00E+00
2927	462075.42	3773064.71	1.46E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00	9.59E-07	0.00E+00	0.00E+00	0.00E+00
2928	462079.16	3773055.49	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00	9.67E-07	0.00E+00	0.00E+00	0.00E+00
2929	462082.9	3773046.27	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00	9.76E-07	0.00E+00	0.00E+00	0.00E+00
2930	462086.64	3773037.06	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00	9.85E-07	0.00E+00	0.00E+00	0.00E+00
2931	462090.38	3773027.84	1.51E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00	9.94E-07	0.00E+00	0.00E+00	0.00E+00
2932	462097.85	3773009.4	1.54E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
2933	462101.59	3773000.19	1.56E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
2934	462105.33	3772990.97	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
2935	462109.07	3772981.75	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
2936	462112.81	3772972.53	1.60E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
2937	462116.55	3772963.32	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
2938	462120.29	3772954.1	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
2939	462124.02	3772944.88	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
2940	462127.76	3772935.66	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
2941	462138.98	3772908.01	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
2942	462142.72	3772898.79	1.76E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
2943	462146.46	3772889.57	1.78E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
2944	462150.2	3772880.36	1.81E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
2945	462168.89	3772834.27	1.95E-05	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
2946	462172.63	3772825.05	1.98E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
2947	462176.37	3772815.83	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
2948	462180.1	3772806.62	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
2949	462183.84	3772797.4	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
2950	462187.58	3772788.18	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
2951	462191.32	3772778.96	2.16E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
2952	462195.06	3772769.75	2.20E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00
2953	462198.8	3772760.53	2.24E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
2954	462236.18	3772668.35	2.66E-05	0.00E+00	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00
2955	462239.92	3772659.14	2.71E-05	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
2956	462243.66	3772649.92	2.75E-05	0.00E+00	0.00E+00	0.00E+00	4.21E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
2957	462247.4	3772640.7	2.79E-05	0.00E+00	0.00E+00	0.00E+00	4.27E-06	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00
2958	462262.35	3772603.83	2.94E-05	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
2959	462266.09	3772594.61	2.97E-05	0.00E+00	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
2960	462269.83	3772585.39	3.00E-05	0.00E+00	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
2961	462273.57	3772576.18	3.03E-05	0.00E+00	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
2962	462277.31	3772566.96	3.06E-05	0.00E+00	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
2963	462281.05	3772557.74	3.08E-05	0.00E+00	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00
2964	462284.78	3772548.52	3.10E-05	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
2965	462288.52	3772539.31	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
2966	462301.44	3772526.25	3.20E-05	0.00E+00	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00
2967	462310.61	3772522.41	3.26E-05	0.00E+00	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
2968	462319.79	3772518.56	3.32E-05	0.00E+00	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
2969	462328.96	3772514.72	3.37E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
2970	462338.14	3772510.88	3.43E-05	0.00E+00	0.00E+00	0.00E+00	5.25E-06	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00
2971	462347.31	3772507.04	3.48E-05	0.00E+00	0.00E+00	0.00E+00	5.33E-06	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00
2972	462356.49	3772503.2	3.53E-05	0.00E+00	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00

2973	462365.66	3772499.35	3.58E-05	0.00E+00	0.00E+00	0.00E+00	5.48E-06	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00
2974	462374.84	3772495.51	3.63E-05	0.00E+00	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00
2975	462384.01	3772491.67	3.67E-05	0.00E+00	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00
2976	462393.19	3772487.83	3.71E-05	0.00E+00	0.00E+00	0.00E+00	5.67E-06	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00
2977	462402.36	3772483.99	3.74E-05	0.00E+00	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00
2978	462411.54	3772480.15	3.77E-05	0.00E+00	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00
2979	462420.71	3772476.3	3.80E-05	0.00E+00	0.00E+00	0.00E+00	5.82E-06	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00
2980	462429.89	3772472.46	3.83E-05	0.00E+00	0.00E+00	0.00E+00	5.86E-06	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00
2981	462439.06	3772468.62	3.85E-05	0.00E+00	0.00E+00	0.00E+00	5.89E-06	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00
2982	462494.11	3772445.57	3.89E-05	0.00E+00	0.00E+00	0.00E+00	5.96E-06	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00
2983	462503.29	3772441.73	3.88E-05	0.00E+00	0.00E+00	0.00E+00	5.94E-06	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00
2984	462512.46	3772437.88	3.87E-05	0.00E+00	0.00E+00	0.00E+00	5.93E-06	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00
2985	462521.64	3772434.04	3.86E-05	0.00E+00	0.00E+00	0.00E+00	5.90E-06	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00
2986	462530.81	3772430.2	3.83E-05	0.00E+00	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00
2987	462539.99	3772426.36	3.81E-05	0.00E+00	0.00E+00	0.00E+00	5.83E-06	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00
2988	462549.16	3772422.52	3.78E-05	0.00E+00	0.00E+00	0.00E+00	5.79E-06	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00
2989	462558.34	3772418.68	3.75E-05	0.00E+00	0.00E+00	0.00E+00	5.74E-06	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00
2990	462567.51	3772414.83	3.71E-05	0.00E+00	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00
2991	462576.69	3772410.99	3.67E-05	0.00E+00	0.00E+00	0.00E+00	5.63E-06	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00
2992	462585.86	3772407.15	3.63E-05	0.00E+00	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00
2993	462595.04	3772403.31	3.59E-05	0.00E+00	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00
2994	462604.21	3772399.47	3.54E-05	0.00E+00	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00
2995	462631.74	3772387.94	3.37E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
2996	462640.91	3772384.1	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
2997	462650.09	3772380.26	3.25E-05	0.00E+00	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00
2998	462659.26	3772376.41	3.18E-05	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
2999	462668.44	3772372.57	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
3000	462677.61	3772368.73	3.05E-05	0.00E+00	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
3001	462686.79	3772364.89	2.98E-05	0.00E+00	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00
3002	462695.96	3772361.05	2.91E-05	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00
3003	462705.14	3772357.21	2.84E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
3004	462714.31	3772353.36	2.77E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
3005	462723.49	3772349.52	2.70E-05	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
3006	462732.66	3772345.68	2.63E-05	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00
3007	462741.84	3772341.84	2.56E-05	0.00E+00	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00
3008	462751.01	3772338	2.49E-05	0.00E+00	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00
3009	462760.19	3772334.15	2.42E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
3010	462769.36	3772330.31	2.35E-05	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
3011	462778.54	3772326.47	2.28E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
3012	462787.71	3772322.63	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
3013	462796.89	3772318.79	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
3014	462806.06	3772314.94	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
3015	462815.24	3772311.1	2.02E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
3016	462824.41	3772307.26	1.96E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
3017	462833.59	3772303.42	1.90E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
3018	462842.76	3772299.58	1.84E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
3019	462851.94	3772295.74	1.79E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
3020	462861.11	3772291.89	1.73E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00

3021	462870.29	3772288.05	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
3022	462879.46	3772284.21	1.63E-05	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
3023	462888.64	3772280.37	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
3024	462897.81	3772276.53	1.54E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
3025	462906.99	3772272.68	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00	9.81E-07	0.00E+00	0.00E+00	0.00E+00
3026	462038.04	3773156.88	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.76E-07	0.00E+00	0.00E+00	0.00E+00
3027	462038.13	3773166.84	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.73E-07	0.00E+00	0.00E+00	0.00E+00
3028	462038.22	3773176.79	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.71E-07	0.00E+00	0.00E+00	0.00E+00
3029	462038.31	3773186.75	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.70E-07	0.00E+00	0.00E+00	0.00E+00
3030	462038.4	3773196.7	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.68E-07	0.00E+00	0.00E+00	0.00E+00
3031	462038.49	3773206.66	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	8.67E-07	0.00E+00	0.00E+00	0.00E+00
3032	462038.58	3773216.61	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	8.65E-07	0.00E+00	0.00E+00	0.00E+00
3033	462038.67	3773226.57	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00	8.62E-07	0.00E+00	0.00E+00	0.00E+00
3034	462038.76	3773236.52	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	8.59E-07	0.00E+00	0.00E+00	0.00E+00
3035	462038.86	3773246.48	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	8.58E-07	0.00E+00	0.00E+00	0.00E+00
3036	462001.73	3773148.15	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00	8.25E-07	0.00E+00	0.00E+00	0.00E+00
3037	462005.42	3773139.05	1.27E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00	8.32E-07	0.00E+00	0.00E+00	0.00E+00
3038	462009.11	3773129.95	1.28E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00	8.38E-07	0.00E+00	0.00E+00	0.00E+00
3039	462020.19	3773102.64	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00	8.62E-07	0.00E+00	0.00E+00	0.00E+00
3040	462023.88	3773093.54	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.68E-07	0.00E+00	0.00E+00	0.00E+00
3041	462027.57	3773084.44	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.76E-07	0.00E+00	0.00E+00	0.00E+00
3042	462031.26	3773075.34	1.35E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00	8.83E-07	0.00E+00	0.00E+00	0.00E+00
3043	462034.95	3773066.24	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00	8.90E-07	0.00E+00	0.00E+00	0.00E+00
3044	462038.64	3773057.14	1.37E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00	8.97E-07	0.00E+00	0.00E+00	0.00E+00
3045	462042.34	3773048.04	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00	9.05E-07	0.00E+00	0.00E+00	0.00E+00
3046	462046.03	3773038.93	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00	9.13E-07	0.00E+00	0.00E+00	0.00E+00
3047	462049.72	3773029.83	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00	9.20E-07	0.00E+00	0.00E+00	0.00E+00
3048	462060.79	3773002.53	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.44E-07	0.00E+00	0.00E+00	0.00E+00
3049	462064.48	3772993.43	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	9.53E-07	0.00E+00	0.00E+00	0.00E+00
3050	462068.18	3772984.33	1.46E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00	9.61E-07	0.00E+00	0.00E+00	0.00E+00
3051	462071.87	3772975.23	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00	9.70E-07	0.00E+00	0.00E+00	0.00E+00
3052	462075.56	3772966.12	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00	9.80E-07	0.00E+00	0.00E+00	0.00E+00
3053	462079.25	3772957.02	1.51E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00	9.89E-07	0.00E+00	0.00E+00	0.00E+00
3054	462082.94	3772947.92	1.52E-05	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00	9.99E-07	0.00E+00	0.00E+00	0.00E+00
3055	462086.63	3772938.82	1.54E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
3056	462090.32	3772929.72	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
3057	462097.71	3772911.52	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
3058	462101.4	3772902.42	1.60E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
3059	462105.09	3772893.32	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
3060	462108.78	3772884.21	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
3061	462127.24	3772838.71	1.75E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
3062	462130.93	3772829.61	1.78E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
3063	462134.62	3772820.51	1.81E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
3064	462138.31	3772811.4	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
3065	462142	3772802.3	1.86E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
3066	462145.69	3772793.2	1.89E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	0.00E+00
3067	462149.39	3772784.1	1.92E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
3068	462153.08	3772775	1.95E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00

3069	462156.77	3772765.9	1.98E-05	0.00E+00	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
3070	462160.46	3772756.8	2.02E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
3071	462164.15	3772747.7	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
3072	462167.84	3772738.6	2.09E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
3073	462171.53	3772729.49	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
3074	462175.23	3772720.39	2.16E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
3075	462178.92	3772711.29	2.20E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00
3076	462182.61	3772702.19	2.23E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
3077	462186.3	3772693.09	2.27E-05	0.00E+00	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	0.00E+00
3078	462189.99	3772683.99	2.31E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
3079	462193.68	3772674.89	2.35E-05	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
3080	462197.37	3772665.79	2.39E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
3081	462226.91	3772592.98	2.68E-05	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
3082	462230.6	3772583.88	2.71E-05	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
3083	462234.29	3772574.77	2.74E-05	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
3084	462237.98	3772565.67	2.77E-05	0.00E+00	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
3085	462241.67	3772556.57	2.79E-05	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00
3086	462245.36	3772547.47	2.82E-05	0.00E+00	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
3087	462249.05	3772538.37	2.84E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00
3088	462252.75	3772529.27	2.86E-05	0.00E+00	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00
3089	462256.44	3772520.17	2.88E-05	0.00E+00	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
3090	462260.13	3772511.07	2.90E-05	0.00E+00	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00
3091	462272.88	3772498.17	2.97E-05	0.00E+00	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
3092	462281.94	3772494.38	3.02E-05	0.00E+00	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00
3093	462291	3772490.58	3.07E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00
3094	462300.06	3772486.79	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
3095	462309.12	3772483	3.17E-05	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00
3096	462318.17	3772479.2	3.22E-05	0.00E+00	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00
3097	462327.23	3772475.41	3.26E-05	0.00E+00	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
3098	462336.29	3772471.62	3.30E-05	0.00E+00	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
3099	462345.35	3772467.82	3.34E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
3100	462399.71	3772445.06	3.53E-05	0.00E+00	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00
3101	462408.77	3772441.27	3.55E-05	0.00E+00	0.00E+00	0.00E+00	5.44E-06	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00
3102	462417.83	3772437.48	3.57E-05	0.00E+00	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00
3103	462426.88	3772433.68	3.58E-05	0.00E+00	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00
3104	462435.94	3772429.89	3.60E-05	0.00E+00	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00
3105	462445	3772426.1	3.60E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00
3106	462454.06	3772422.3	3.61E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00
3107	462463.12	3772418.51	3.61E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00
3108	462472.18	3772414.72	3.61E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00
3109	462481.24	3772410.92	3.60E-05	0.00E+00	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00
3110	462490.3	3772407.13	3.59E-05	0.00E+00	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00
3111	462499.36	3772403.34	3.58E-05	0.00E+00	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00
3112	462508.42	3772399.54	3.56E-05	0.00E+00	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00
3113	462517.48	3772395.75	3.54E-05	0.00E+00	0.00E+00	0.00E+00	5.42E-06	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00
3114	462526.54	3772391.96	3.51E-05	0.00E+00	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00
3115	462535.59	3772388.16	3.49E-05	0.00E+00	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00
3116	462544.65	3772384.37	3.46E-05	0.00E+00	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00

3117	462553.71	3772380.58	3.42E-05	0.00E+00	0.00E+00	0.00E+00	5.24E-06	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00
3118	462562.77	3772376.78	3.39E-05	0.00E+00	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
3119	462571.83	3772372.99	3.35E-05	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00
3120	462580.89	3772369.2	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
3121	462589.95	3772365.4	3.26E-05	0.00E+00	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
3122	462599.01	3772361.61	3.22E-05	0.00E+00	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00
3123	462608.07	3772357.82	3.17E-05	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00
3124	462626.19	3772350.23	3.07E-05	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
3125	462635.25	3772346.44	3.01E-05	0.00E+00	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00
3126	462644.3	3772342.64	2.96E-05	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
3127	462653.36	3772338.85	2.90E-05	0.00E+00	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00
3128	462662.42	3772335.06	2.84E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00
3129	462671.48	3772331.26	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
3130	462680.54	3772327.47	2.72E-05	0.00E+00	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
3131	462689.6	3772323.68	2.66E-05	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
3132	462698.66	3772319.88	2.59E-05	0.00E+00	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00
3133	462707.72	3772316.09	2.53E-05	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00
3134	462716.78	3772312.3	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
3135	462725.84	3772308.5	2.41E-05	0.00E+00	0.00E+00	0.00E+00	3.69E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
3136	462734.9	3772304.71	2.35E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
3137	462743.95	3772300.92	2.28E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
3138	462753.01	3772297.12	2.22E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
3139	462762.07	3772293.33	2.16E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
3140	462771.13	3772289.54	2.10E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	0.00E+00
3141	462780.19	3772285.74	2.04E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
3142	462789.25	3772281.95	1.98E-05	0.00E+00	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
3143	462798.31	3772278.16	1.93E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
3144	462807.37	3772274.36	1.87E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
3145	462816.43	3772270.57	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
3146	462825.49	3772266.78	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
3147	462834.55	3772262.98	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
3148	462843.61	3772259.19	1.67E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
3149	462852.66	3772255.4	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
3150	462861.72	3772251.6	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
3151	462870.78	3772247.81	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00
3152	462879.84	3772244.02	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	9.75E-07	0.00E+00	0.00E+00	0.00E+00
3153	462888.9	3772240.22	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00	9.48E-07	0.00E+00	0.00E+00	0.00E+00
3154	462897.96	3772236.43	1.41E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00	9.22E-07	0.00E+00	0.00E+00	0.00E+00
3155	462907.02	3772232.64	1.37E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00	8.99E-07	0.00E+00	0.00E+00	0.00E+00
3156	461998.04	3773157.25	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00	8.18E-07	0.00E+00	0.00E+00	0.00E+00
3157	461998.13	3773167.2	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00	8.15E-07	0.00E+00	0.00E+00	0.00E+00
3158	461998.22	3773177.16	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00	8.13E-07	0.00E+00	0.00E+00	0.00E+00
3159	461998.31	3773187.11	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.11E-07	0.00E+00	0.00E+00	0.00E+00
3160	461998.4	3773197.07	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.10E-07	0.00E+00	0.00E+00	0.00E+00
3161	461998.49	3773207.02	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.08E-07	0.00E+00	0.00E+00	0.00E+00
3162	461998.58	3773216.98	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.06E-07	0.00E+00	0.00E+00	0.00E+00
3163	461998.68	3773226.93	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.04E-07	0.00E+00	0.00E+00	0.00E+00
3164	461998.77	3773236.89	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.02E-07	0.00E+00	0.00E+00	0.00E+00

3165	461998.86	3773246.84	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.00E-07	0.00E+00	0.00E+00	0.00E+00
3166	461961.74	3773148.5	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.73E-07	0.00E+00	0.00E+00	0.00E+00
3167	461965.44	3773139.38	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00	7.79E-07	0.00E+00	0.00E+00	0.00E+00
3168	461969.13	3773130.26	1.20E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00	7.85E-07	0.00E+00	0.00E+00	0.00E+00
3169	461976.53	3773112.03	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00	7.97E-07	0.00E+00	0.00E+00	0.00E+00
3170	461980.23	3773102.91	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	0.00E+00
3171	461983.92	3773093.8	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.12E-07	0.00E+00	0.00E+00	0.00E+00
3172	461987.62	3773084.68	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00	8.18E-07	0.00E+00	0.00E+00	0.00E+00
3173	461991.32	3773075.56	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.24E-07	0.00E+00	0.00E+00	0.00E+00
3174	461995.02	3773066.45	1.27E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00	8.31E-07	0.00E+00	0.00E+00	0.00E+00
3175	461998.72	3773057.33	1.28E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00	8.38E-07	0.00E+00	0.00E+00	0.00E+00
3176	462002.41	3773048.21	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	8.44E-07	0.00E+00	0.00E+00	0.00E+00
3177	462006.11	3773039.09	1.30E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00	8.51E-07	0.00E+00	0.00E+00	0.00E+00
3178	462009.81	3773029.98	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	8.57E-07	0.00E+00	0.00E+00	0.00E+00
3179	462020.9	3773002.63	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	8.79E-07	0.00E+00	0.00E+00	0.00E+00
3180	462024.6	3772993.51	1.35E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00	8.86E-07	0.00E+00	0.00E+00	0.00E+00
3181	462028.3	3772984.39	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00	8.94E-07	0.00E+00	0.00E+00	0.00E+00
3182	462032	3772975.27	1.37E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00	9.02E-07	0.00E+00	0.00E+00	0.00E+00
3183	462035.69	3772966.16	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00	9.10E-07	0.00E+00	0.00E+00	0.00E+00
3184	462039.39	3772957.04	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00	9.18E-07	0.00E+00	0.00E+00	0.00E+00
3185	462043.09	3772947.92	1.41E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00	9.26E-07	0.00E+00	0.00E+00	0.00E+00
3186	462046.79	3772938.81	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.35E-07	0.00E+00	0.00E+00	0.00E+00
3187	462057.88	3772911.46	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00	9.62E-07	0.00E+00	0.00E+00	0.00E+00
3188	462061.58	3772902.34	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	9.72E-07	0.00E+00	0.00E+00	0.00E+00
3189	462065.28	3772893.22	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00	9.83E-07	0.00E+00	0.00E+00	0.00E+00
3190	462068.97	3772884.1	1.51E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00	9.93E-07	0.00E+00	0.00E+00	0.00E+00
3191	462087.46	3772838.52	1.61E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
3192	462091.16	3772829.4	1.63E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
3193	462094.86	3772820.29	1.65E-05	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
3194	462098.56	3772811.17	1.67E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
3195	462102.26	3772802.05	1.69E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
3196	462105.95	3772792.93	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
3197	462109.65	3772783.82	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
3198	462113.35	3772774.7	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
3199	462117.05	3772765.58	1.80E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
3200	462120.74	3772756.47	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
3201	462124.44	3772747.35	1.85E-05	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
3202	462128.14	3772738.23	1.88E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	0.00E+00
3203	462131.84	3772729.12	1.91E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
3204	462135.54	3772720	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
3205	462139.23	3772710.88	1.98E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
3206	462142.93	3772701.76	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
3207	462146.63	3772692.65	2.04E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
3208	462150.33	3772683.53	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
3209	462154.02	3772674.41	2.11E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	0.00E+00
3210	462157.72	3772665.3	2.14E-05	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
3211	462161.42	3772656.18	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
3212	462165.12	3772647.06	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00

3213	462168.82	3772637.95	2.25E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
3214	462172.51	3772628.83	2.28E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
3215	462176.21	3772619.71	2.31E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
3216	462179.91	3772610.59	2.35E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
3217	462183.61	3772601.48	2.38E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	0.00E+00
3218	462187.31	3772592.36	2.41E-05	0.00E+00	0.00E+00	0.00E+00	3.69E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
3219	462191	3772583.24	2.44E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
3220	462194.7	3772574.13	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
3221	462198.4	3772565.01	2.50E-05	0.00E+00	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
3222	462227.98	3772492.07	2.69E-05	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
3223	462231.68	3772482.96	2.70E-05	0.00E+00	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
3224	462244.45	3772470.04	2.76E-05	0.00E+00	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00
3225	462298.9	3772447.24	3.02E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00
3226	462307.98	3772443.44	3.06E-05	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
3227	462317.05	3772439.64	3.10E-05	0.00E+00	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00
3228	462326.13	3772435.84	3.14E-05	0.00E+00	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00
3229	462335.2	3772432.04	3.17E-05	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00
3230	462344.28	3772428.24	3.20E-05	0.00E+00	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00
3231	462353.35	3772424.44	3.23E-05	0.00E+00	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00
3232	462362.43	3772420.64	3.25E-05	0.00E+00	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00
3233	462371.5	3772416.84	3.27E-05	0.00E+00	0.00E+00	0.00E+00	5.01E-06	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00
3234	462380.58	3772413.04	3.29E-05	0.00E+00	0.00E+00	0.00E+00	5.04E-06	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00
3235	462389.65	3772409.24	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
3236	462398.73	3772405.44	3.32E-05	0.00E+00	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
3237	462407.8	3772401.64	3.34E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
3238	462416.88	3772397.84	3.35E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00
3239	462425.95	3772394.04	3.35E-05	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00
3240	462435.03	3772390.24	3.35E-05	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00
3241	462444.1	3772386.44	3.35E-05	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00
3242	462453.17	3772382.64	3.35E-05	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00
3243	462462.25	3772378.84	3.34E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
3244	462471.32	3772375.04	3.33E-05	0.00E+00	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
3245	462480.4	3772371.24	3.32E-05	0.00E+00	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
3246	462489.47	3772367.44	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
3247	462498.55	3772363.64	3.29E-05	0.00E+00	0.00E+00	0.00E+00	5.03E-06	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00
3248	462507.62	3772359.84	3.27E-05	0.00E+00	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
3249	462516.7	3772356.04	3.24E-05	0.00E+00	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00
3250	462525.77	3772352.24	3.22E-05	0.00E+00	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00
3251	462534.85	3772348.44	3.19E-05	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
3252	462543.92	3772344.64	3.15E-05	0.00E+00	0.00E+00	0.00E+00	4.83E-06	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00
3253	462553	3772340.84	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
3254	462562.07	3772337.04	3.08E-05	0.00E+00	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00
3255	462571.15	3772333.24	3.05E-05	0.00E+00	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
3256	462580.22	3772329.44	3.00E-05	0.00E+00	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
3257	462589.3	3772325.64	2.96E-05	0.00E+00	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
3258	462598.37	3772321.84	2.92E-05	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00
3259	462607.45	3772318.04	2.87E-05	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00
3260	462625.6	3772310.44	2.77E-05	0.00E+00	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00

3261	462634.67	3772306.64	2.72E-05	0.00E+00	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00
3262	462643.75	3772302.84	2.67E-05	0.00E+00	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00
3263	462652.82	3772299.04	2.62E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00
3264	462661.9	3772295.24	2.56E-05	0.00E+00	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00
3265	462670.97	3772291.44	2.51E-05	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
3266	462680.05	3772287.64	2.45E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
3267	462689.12	3772283.84	2.40E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
3268	462698.2	3772280.04	2.34E-05	0.00E+00	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
3269	462707.27	3772276.24	2.28E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
3270	462716.35	3772272.44	2.23E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
3271	462725.42	3772268.64	2.17E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
3272	462734.5	3772264.84	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
3273	462743.57	3772261.04	2.06E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
3274	462752.65	3772257.24	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
3275	462761.72	3772253.44	1.95E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
3276	462770.8	3772249.64	1.90E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
3277	462779.87	3772245.84	1.85E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
3278	462788.95	3772242.04	1.80E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
3279	462798.02	3772238.24	1.75E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
3280	462807.1	3772234.44	1.70E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
3281	462816.17	3772230.64	1.65E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
3282	462825.25	3772226.84	1.61E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
3283	462834.32	3772223.04	1.56E-05	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
3284	462843.4	3772219.24	1.52E-05	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00	9.97E-07	0.00E+00	0.00E+00	0.00E+00
3285	462852.47	3772215.44	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00	9.70E-07	0.00E+00	0.00E+00	0.00E+00
3286	462861.55	3772211.64	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.43E-07	0.00E+00	0.00E+00	0.00E+00
3287	462870.62	3772207.84	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00	9.18E-07	0.00E+00	0.00E+00	0.00E+00
3288	462879.7	3772204.04	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00	8.94E-07	0.00E+00	0.00E+00	0.00E+00
3289	462888.77	3772200.24	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.71E-07	0.00E+00	0.00E+00	0.00E+00
3290	462897.85	3772196.44	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00	8.48E-07	0.00E+00	0.00E+00	0.00E+00
3291	462906.92	3772192.64	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00	8.27E-07	0.00E+00	0.00E+00	0.00E+00
3292	461958.04	3773157.62	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00	7.66E-07	0.00E+00	0.00E+00	0.00E+00
3293	461958.13	3773167.57	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.63E-07	0.00E+00	0.00E+00	0.00E+00
3294	461958.22	3773177.53	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.61E-07	0.00E+00	0.00E+00	0.00E+00
3295	461958.31	3773187.48	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00	7.60E-07	0.00E+00	0.00E+00	0.00E+00
3296	461958.4	3773197.44	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00	7.59E-07	0.00E+00	0.00E+00	0.00E+00
3297	461958.5	3773207.39	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00	7.57E-07	0.00E+00	0.00E+00	0.00E+00
3298	461958.59	3773217.35	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	7.55E-07	0.00E+00	0.00E+00	0.00E+00
3299	461958.68	3773227.3	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	7.52E-07	0.00E+00	0.00E+00	0.00E+00
3300	461958.77	3773237.26	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00	7.51E-07	0.00E+00	0.00E+00	0.00E+00
3301	461958.86	3773247.21	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00	7.49E-07	0.00E+00	0.00E+00	0.00E+00
3302	461921.75	3773148.85	1.11E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00	7.27E-07	0.00E+00	0.00E+00	0.00E+00
3303	461925.45	3773139.72	1.12E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00	7.32E-07	0.00E+00	0.00E+00	0.00E+00
3304	461929.15	3773130.59	1.12E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00	7.37E-07	0.00E+00	0.00E+00	0.00E+00
3305	461936.56	3773112.32	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00	7.49E-07	0.00E+00	0.00E+00	0.00E+00
3306	461940.26	3773103.19	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	7.56E-07	0.00E+00	0.00E+00	0.00E+00
3307	461943.97	3773094.06	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.62E-07	0.00E+00	0.00E+00	0.00E+00
3308	461947.67	3773084.93	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00	7.67E-07	0.00E+00	0.00E+00	0.00E+00

3309	461951.38	3773075.8	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.73E-07	0.00E+00	0.00E+00	0.00E+00
3310	461955.08	3773066.66	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00	7.79E-07	0.00E+00	0.00E+00	0.00E+00
3311	461958.78	3773057.53	1.20E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00	7.85E-07	0.00E+00	0.00E+00	0.00E+00
3312	461962.49	3773048.4	1.20E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00	7.91E-07	0.00E+00	0.00E+00	0.00E+00
3313	461966.19	3773039.27	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00	7.97E-07	0.00E+00	0.00E+00	0.00E+00
3314	461969.89	3773030.14	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.03E-07	0.00E+00	0.00E+00	0.00E+00
3315	461981.01	3773002.74	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.22E-07	0.00E+00	0.00E+00	0.00E+00
3316	461984.71	3772993.61	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00	8.29E-07	0.00E+00	0.00E+00	0.00E+00
3317	461988.41	3772984.48	1.27E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00	8.35E-07	0.00E+00	0.00E+00	0.00E+00
3318	461992.12	3772975.35	1.28E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00	8.41E-07	0.00E+00	0.00E+00	0.00E+00
3319	461995.82	3772966.22	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00	8.49E-07	0.00E+00	0.00E+00	0.00E+00
3320	461999.52	3772957.09	1.30E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	8.56E-07	0.00E+00	0.00E+00	0.00E+00
3321	462003.23	3772947.95	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00	8.63E-07	0.00E+00	0.00E+00	0.00E+00
3322	462006.93	3772938.82	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.71E-07	0.00E+00	0.00E+00	0.00E+00
3323	462010.64	3772929.69	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	8.78E-07	0.00E+00	0.00E+00	0.00E+00
3324	462014.34	3772920.56	1.35E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00	8.86E-07	0.00E+00	0.00E+00	0.00E+00
3325	462018.04	3772911.43	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00	8.95E-07	0.00E+00	0.00E+00	0.00E+00
3326	462021.75	3772902.3	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00	9.03E-07	0.00E+00	0.00E+00	0.00E+00
3327	462025.45	3772893.16	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00	9.11E-07	0.00E+00	0.00E+00	0.00E+00
3328	462029.15	3772884.03	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00	9.21E-07	0.00E+00	0.00E+00	0.00E+00
3329	462032.86	3772874.9	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00	9.30E-07	0.00E+00	0.00E+00	0.00E+00
3330	462047.67	3772838.37	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00	9.71E-07	0.00E+00	0.00E+00	0.00E+00
3331	462051.38	3772829.24	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00	9.83E-07	0.00E+00	0.00E+00	0.00E+00
3332	462055.08	3772820.11	1.52E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00	9.94E-07	0.00E+00	0.00E+00	0.00E+00
3333	462058.78	3772810.98	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
3334	462062.49	3772801.85	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
3335	462066.19	3772792.72	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
3336	462069.9	3772783.58	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
3337	462073.6	3772774.45	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
3338	462077.3	3772765.32	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
3339	462081.01	3772756.19	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
3340	462084.71	3772747.06	1.69E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
3341	462088.41	3772737.93	1.71E-05	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
3342	462092.12	3772728.79	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
3343	462095.82	3772719.66	1.76E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
3344	462099.53	3772710.53	1.79E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
3345	462103.23	3772701.4	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
3346	462106.93	3772692.27	1.85E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
3347	462110.64	3772683.14	1.88E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
3348	462114.34	3772674	1.91E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
3349	462118.04	3772664.87	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
3350	462121.75	3772655.74	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
3351	462125.45	3772646.61	2.00E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
3352	462129.16	3772637.48	2.03E-05	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
3353	462132.86	3772628.35	2.06E-05	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
3354	462136.56	3772619.22	2.09E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
3355	462140.27	3772610.08	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
3356	462143.97	3772600.95	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00

3357	462147.67	3772591.82	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
3358	462151.38	3772582.69	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
3359	462155.08	3772573.56	2.24E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
3360	462158.79	3772564.43	2.27E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	0.00E+00
3361	462162.49	3772555.29	2.29E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00
3362	462166.19	3772546.16	2.32E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
3363	462169.9	3772537.03	2.35E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
3364	462173.6	3772527.9	2.37E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	0.00E+00
3365	462177.3	3772518.77	2.40E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
3366	462181.01	3772509.64	2.42E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
3367	462184.71	3772500.5	2.44E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
3368	462188.42	3772491.37	2.46E-05	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
3369	462192.12	3772482.24	2.48E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00
3370	462195.82	3772473.11	2.49E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
3371	462225.11	3772438.1	2.62E-05	0.00E+00	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00
3372	462234.2	3772434.3	2.66E-05	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00
3373	462243.29	3772430.49	2.70E-05	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
3374	462252.38	3772426.68	2.74E-05	0.00E+00	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
3375	462261.47	3772422.88	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
3376	462270.56	3772419.07	2.82E-05	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
3377	462279.65	3772415.27	2.85E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
3378	462288.74	3772411.46	2.88E-05	0.00E+00	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
3379	462297.83	3772407.65	2.92E-05	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00
3380	462306.92	3772403.85	2.95E-05	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
3381	462316.01	3772400.04	2.97E-05	0.00E+00	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
3382	462325.1	3772396.24	3.00E-05	0.00E+00	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
3383	462334.19	3772392.43	3.02E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00
3384	462343.28	3772388.62	3.04E-05	0.00E+00	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
3385	462352.37	3772384.82	3.06E-05	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
3386	462361.46	3772381.01	3.08E-05	0.00E+00	0.00E+00	0.00E+00	4.71E-06	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00
3387	462370.54	3772377.21	3.09E-05	0.00E+00	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00
3388	462379.63	3772373.4	3.11E-05	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
3389	462388.72	3772369.59	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
3390	462397.81	3772365.79	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
3391	462406.9	3772361.98	3.13E-05	0.00E+00	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
3392	462415.99	3772358.18	3.13E-05	0.00E+00	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
3393	462425.08	3772354.37	3.13E-05	0.00E+00	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
3394	462434.17	3772350.56	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
3395	462443.26	3772346.76	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
3396	462452.35	3772342.95	3.11E-05	0.00E+00	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
3397	462461.44	3772339.14	3.10E-05	0.00E+00	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00
3398	462470.53	3772335.34	3.08E-05	0.00E+00	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00
3399	462479.62	3772331.53	3.06E-05	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
3400	462488.71	3772327.73	3.05E-05	0.00E+00	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
3401	462497.8	3772323.92	3.02E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00
3402	462506.89	3772320.11	3.00E-05	0.00E+00	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
3403	462515.98	3772316.31	2.97E-05	0.00E+00	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
3404	462525.07	3772312.5	2.95E-05	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00

3405	462534.15	3772308.7	2.92E-05	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00
3406	462543.24	3772304.89	2.88E-05	0.00E+00	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
3407	462552.33	3772301.08	2.85E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
3408	462561.42	3772297.28	2.81E-05	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
3409	462570.51	3772293.47	2.77E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
3410	462579.6	3772289.67	2.73E-05	0.00E+00	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00
3411	462588.69	3772285.86	2.69E-05	0.00E+00	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
3412	462597.78	3772282.05	2.65E-05	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
3413	462606.87	3772278.25	2.61E-05	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00
3414	462625.05	3772270.64	2.51E-05	0.00E+00	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00
3415	462634.14	3772266.83	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
3416	462643.23	3772263.02	2.42E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
3417	462652.32	3772259.22	2.37E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
3418	462661.41	3772255.41	2.32E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
3419	462670.5	3772251.61	2.27E-05	0.00E+00	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	0.00E+00
3420	462679.59	3772247.8	2.22E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
3421	462688.68	3772243.99	2.17E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
3422	462697.76	3772240.19	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
3423	462706.85	3772236.38	2.07E-05	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
3424	462715.94	3772232.58	2.02E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
3425	462725.03	3772228.77	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
3426	462734.12	3772224.96	1.92E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
3427	462743.21	3772221.16	1.87E-05	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
3428	462752.3	3772217.35	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
3429	462761.39	3772213.55	1.78E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
3430	462770.48	3772209.74	1.73E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
3431	462779.57	3772205.93	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
3432	462788.66	3772202.13	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
3433	462797.75	3772198.32	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
3434	462806.84	3772194.51	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
3435	462815.93	3772190.71	1.51E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00	9.91E-07	0.00E+00	0.00E+00	0.00E+00
3436	462825.02	3772186.9	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00	9.65E-07	0.00E+00	0.00E+00	0.00E+00
3437	462834.11	3772183.1	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00	9.39E-07	0.00E+00	0.00E+00	0.00E+00
3438	462843.2	3772179.29	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00	9.14E-07	0.00E+00	0.00E+00	0.00E+00
3439	462852.29	3772175.48	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00	8.91E-07	0.00E+00	0.00E+00	0.00E+00
3440	462861.38	3772171.68	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	8.67E-07	0.00E+00	0.00E+00	0.00E+00
3441	462870.46	3772167.87	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	8.45E-07	0.00E+00	0.00E+00	0.00E+00
3442	462879.55	3772164.07	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.24E-07	0.00E+00	0.00E+00	0.00E+00
3443	462888.64	3772160.26	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.03E-07	0.00E+00	0.00E+00	0.00E+00
3444	462897.73	3772156.45	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00	7.84E-07	0.00E+00	0.00E+00	0.00E+00
3445	462906.82	3772152.65	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.65E-07	0.00E+00	0.00E+00	0.00E+00
3446	461918.04	3773157.98	1.10E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00	7.20E-07	0.00E+00	0.00E+00	0.00E+00
3447	461918.13	3773167.94	1.09E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00	7.17E-07	0.00E+00	0.00E+00	0.00E+00
3448	461918.22	3773177.89	1.09E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00	7.16E-07	0.00E+00	0.00E+00	0.00E+00
3449	461918.31	3773187.85	1.09E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00	7.14E-07	0.00E+00	0.00E+00	0.00E+00
3450	461918.41	3773197.8	1.09E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00	7.13E-07	0.00E+00	0.00E+00	0.00E+00
3451	461918.5	3773207.76	1.08E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00	7.12E-07	0.00E+00	0.00E+00	0.00E+00
3452	461918.59	3773217.71	1.08E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00	7.10E-07	0.00E+00	0.00E+00	0.00E+00

3453	461918.68	3773227.67	1.08E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00	7.08E-07	0.00E+00	0.00E+00	0.00E+00
3454	461918.77	3773237.62	1.08E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00	7.06E-07	0.00E+00	0.00E+00	0.00E+00
3455	461918.86	3773247.58	1.07E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00	7.04E-07	0.00E+00	0.00E+00	0.00E+00
3456	462917.5	3773287.81	3.02E-03	0.00E+00	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00
3457	462909.06	3773284.33	2.60E-03	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00
3458	462900.61	3773280.86	2.24E-03	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00
3459	462917.5	3773297.81	2.48E-03	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00
3460	462909.06	3773294.33	2.17E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00
3461	462900.61	3773290.86	1.90E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00
3462	462892.16	3773287.38	1.67E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00
3463	462883.12	3773282.5	1.48E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-05	0.00E+00	0.00E+00	0.00E+00
3464	462917.5	3773307.81	2.10E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00
3465	462909.06	3773304.33	1.86E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00
3466	462900.61	3773300.86	1.65E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00
3467	462892.16	3773297.38	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	9.55E-05	0.00E+00	0.00E+00	0.00E+00
3468	462883.72	3773293.91	1.29E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	8.48E-05	0.00E+00	0.00E+00	0.00E+00
3469	462875.49	3773288.21	1.19E-03	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-05	0.00E+00	0.00E+00	0.00E+00
3470	462871.94	3773279.79	1.22E-03	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-05	0.00E+00	0.00E+00	0.00E+00
3471	462917.5	3773317.81	1.79E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00
3472	462909.06	3773314.33	1.61E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00
3473	462900.61	3773310.86	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	9.47E-05	0.00E+00	0.00E+00	0.00E+00
3474	462892.16	3773307.38	1.29E-03	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	8.46E-05	0.00E+00	0.00E+00	0.00E+00
3475	462883.72	3773303.91	1.15E-03	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05	0.00E+00	0.00E+00	0.00E+00
3476	462875.27	3773300.43	1.03E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-05	0.00E+00	0.00E+00	0.00E+00
3477	462867.86	3773293.91	9.75E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	6.40E-05	0.00E+00	0.00E+00	0.00E+00
3478	462864.31	3773285.49	9.97E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-05	0.00E+00	0.00E+00	0.00E+00
3479	462917.5	3773327.81	1.55E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00
3480	462909.06	3773324.33	1.41E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	0.00E+00
3481	462900.61	3773320.86	1.27E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	8.35E-05	0.00E+00	0.00E+00	0.00E+00
3482	462892.16	3773317.38	1.15E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	7.54E-05	0.00E+00	0.00E+00	0.00E+00
3483	462883.72	3773313.91	1.04E-03	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05	0.00E+00	0.00E+00	0.00E+00
3484	462875.27	3773310.43	9.34E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00
3485	462866.82	3773306.95	8.44E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	5.54E-05	0.00E+00	0.00E+00	0.00E+00
3486	462860.23	3773299.61	8.16E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	0.00E+00
3487	462856.09	3773289.79	8.36E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	5.48E-05	0.00E+00	0.00E+00	0.00E+00
3488	462851.94	3773279.97	8.48E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	5.56E-05	0.00E+00	0.00E+00	0.00E+00
3489	462917.47	3773337.8	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	8.72E-05	0.00E+00	0.00E+00	0.00E+00
3490	462908.83	3773334.24	1.22E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	0.00E+00
3491	462900.19	3773330.69	1.12E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-05	0.00E+00	0.00E+00	0.00E+00
3492	462891.56	3773327.13	1.02E-03	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05	0.00E+00	0.00E+00	0.00E+00
3493	462882.92	3773323.58	9.25E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	6.07E-05	0.00E+00	0.00E+00	0.00E+00
3494	462874.28	3773320.02	8.37E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	5.49E-05	0.00E+00	0.00E+00	0.00E+00
3495	462865.64	3773316.47	7.57E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.97E-05	0.00E+00	0.00E+00	0.00E+00
3496	462857	3773312.91	6.88E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	0.00E+00
3497	462851.93	3773303.71	6.95E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	4.56E-05	0.00E+00	0.00E+00	0.00E+00
3498	462848.29	3773295.11	7.11E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00
3499	462844.66	3773286.5	7.20E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	0.00E+00
3500	462917.47	3773347.8	1.15E-03	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05	0.00E+00	0.00E+00	0.00E+00

3501	462908.85	3773344.25	1.07E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	7.01E-05	0.00E+00	0.00E+00	0.00E+00
3502	462900.24	3773340.7	9.84E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	6.46E-05	0.00E+00	0.00E+00	0.00E+00
3503	462891.62	3773337.16	9.05E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.94E-05	0.00E+00	0.00E+00	0.00E+00
3504	462883	3773333.61	8.31E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05	0.00E+00	0.00E+00	0.00E+00
3505	462874.38	3773330.06	7.59E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00
3506	462865.76	3773326.52	6.91E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	0.00E+00
3507	462857.14	3773322.97	6.31E-04	0.00E+00	0.00E+00	0.00E+00	9.65E-05	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00
3508	462847.92	3773317.99	5.81E-04	0.00E+00	0.00E+00	0.00E+00	8.89E-05	0.00E+00	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	0.00E+00
3509	462844.29	3773309.41	5.95E-04	0.00E+00	0.00E+00	0.00E+00	9.11E-05	0.00E+00	0.00E+00	0.00E+00	3.91E-05	0.00E+00	0.00E+00	0.00E+00
3510	462840.67	3773300.82	6.09E-04	0.00E+00	0.00E+00	0.00E+00	9.33E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-05	0.00E+00	0.00E+00	0.00E+00
3511	462837.04	3773292.23	6.20E-04	0.00E+00	0.00E+00	0.00E+00	9.49E-05	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	0.00E+00
3512	462833.42	3773283.65	6.26E-04	0.00E+00	0.00E+00	0.00E+00	9.58E-05	0.00E+00	0.00E+00	0.00E+00	4.10E-05	0.00E+00	0.00E+00	0.00E+00
3513	462917.48	3773367.8	9.01E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	0.00E+00
3514	462908.89	3773364.27	8.41E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-05	0.00E+00	0.00E+00	0.00E+00
3515	462900.3	3773360.73	7.82E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	5.14E-05	0.00E+00	0.00E+00	0.00E+00
3516	462891.71	3773357.2	7.26E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	0.00E+00
3517	462883.12	3773353.66	6.74E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00
3518	462874.53	3773350.13	6.25E-04	0.00E+00	0.00E+00	0.00E+00	9.57E-05	0.00E+00	0.00E+00	0.00E+00	4.10E-05	0.00E+00	0.00E+00	0.00E+00
3519	462865.94	3773346.59	5.79E-04	0.00E+00	0.00E+00	0.00E+00	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00
3520	462857.35	3773343.06	5.35E-04	0.00E+00	0.00E+00	0.00E+00	8.20E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00
3521	462848.76	3773339.52	4.95E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00
3522	462840.17	3773335.99	4.60E-04	0.00E+00	0.00E+00	0.00E+00	7.04E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00
3523	462832.64	3773329.35	4.42E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00
3524	462829.03	3773320.79	4.51E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00
3525	462825.41	3773312.24	4.60E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00
3526	462821.8	3773303.68	4.69E-04	0.00E+00	0.00E+00	0.00E+00	7.19E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	0.00E+00
3527	462818.19	3773295.12	4.77E-04	0.00E+00	0.00E+00	0.00E+00	7.30E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00
3528	462814.57	3773286.57	4.80E-04	0.00E+00	0.00E+00	0.00E+00	7.35E-05	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00
3529	462917.48	3773387.8	7.23E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.75E-05	0.00E+00	0.00E+00	0.00E+00
3530	462908.91	3773384.28	6.82E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00
3531	462900.34	3773380.75	6.41E-04	0.00E+00	0.00E+00	0.00E+00	9.81E-05	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00
3532	462891.78	3773377.22	6.01E-04	0.00E+00	0.00E+00	0.00E+00	9.20E-05	0.00E+00	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00
3533	462883.21	3773373.7	5.62E-04	0.00E+00	0.00E+00	0.00E+00	8.61E-05	0.00E+00	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00
3534	462874.64	3773370.17	5.25E-04	0.00E+00	0.00E+00	0.00E+00	8.03E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	0.00E+00
3535	462866.07	3773366.64	4.89E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	0.00E+00
3536	462857.5	3773363.12	4.57E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00
3537	462848.93	3773359.59	4.27E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00
3538	462840.36	3773356.06	4.00E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00
3539	462831.79	3773352.54	3.74E-04	0.00E+00	0.00E+00	0.00E+00	5.73E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00
3540	462823.22	3773349.01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00
3541	462817.36	3773340.72	3.48E-04	0.00E+00	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00
3542	462813.76	3773332.19	3.53E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00
3543	462810.16	3773323.65	3.59E-04	0.00E+00	0.00E+00	0.00E+00	5.50E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00
3544	462806.55	3773315.11	3.66E-04	0.00E+00	0.00E+00	0.00E+00	5.60E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00
3545	462802.95	3773306.58	3.72E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00
3546	462799.34	3773298.04	3.77E-04	0.00E+00	0.00E+00	0.00E+00	5.77E-05	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00
3547	462795.74	3773289.51	3.79E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00
3548	462792.13	3773280.97	3.79E-04	0.00E+00	0.00E+00	0.00E+00	5.81E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00

3549	462917.48	3773407.8	5.84E-04	0.00E+00	0.00E+00	0.00E+00	8.93E-05	0.00E+00	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00
3550	462908.93	3773404.28	5.55E-04	0.00E+00	0.00E+00	0.00E+00	8.50E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-05	0.00E+00	0.00E+00	0.00E+00
3551	462900.38	3773400.76	5.27E-04	0.00E+00	0.00E+00	0.00E+00	8.07E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00
3552	462891.82	3773397.24	4.99E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00
3553	462883.27	3773393.72	4.72E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-05	0.00E+00	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	0.00E+00
3554	462874.72	3773390.2	4.45E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00
3555	462866.16	3773386.68	4.17E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00
3556	462857.61	3773383.16	3.91E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00
3557	462849.06	3773379.64	3.67E-04	0.00E+00	0.00E+00	0.00E+00	5.62E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00
3558	462840.5	3773376.12	3.46E-04	0.00E+00	0.00E+00	0.00E+00	5.29E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00
3559	462831.95	3773372.6	3.26E-04	0.00E+00	0.00E+00	0.00E+00	4.99E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00
3560	462823.4	3773369.08	3.08E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00
3561	462814.84	3773365.56	2.91E-04	0.00E+00	0.00E+00	0.00E+00	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00
3562	462805.69	3773360.62	2.76E-04	0.00E+00	0.00E+00	0.00E+00	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00
3563	462802.09	3773352.1	2.81E-04	0.00E+00	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00
3564	462798.5	3773343.58	2.85E-04	0.00E+00	0.00E+00	0.00E+00	4.36E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00
3565	462794.9	3773335.06	2.89E-04	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00
3566	462791.3	3773326.54	2.92E-04	0.00E+00	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00
3567	462787.7	3773318.02	2.97E-04	0.00E+00	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00
3568	462784.1	3773309.5	3.01E-04	0.00E+00	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00
3569	462780.51	3773300.98	3.05E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00
3570	462776.91	3773292.46	3.06E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00
3571	462773.31	3773283.94	3.06E-04	0.00E+00	0.00E+00	0.00E+00	4.68E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00
3572	462917.47	3773427.8	4.83E-04	0.00E+00	0.00E+00	0.00E+00	7.39E-05	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00
3573	462908.83	3773424.24	4.61E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00
3574	462900.19	3773420.69	4.38E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00
3575	462891.56	3773417.13	4.17E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00
3576	462882.92	3773413.58	3.96E-04	0.00E+00	0.00E+00	0.00E+00	6.07E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00
3577	462874.28	3773410.02	3.76E-04	0.00E+00	0.00E+00	0.00E+00	5.76E-05	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00
3578	462865.64	3773406.47	3.56E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00
3579	462857	3773402.91	3.37E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00
3580	462848.36	3773399.36	3.18E-04	0.00E+00	0.00E+00	0.00E+00	4.86E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00
3581	462839.72	3773395.8	3.00E-04	0.00E+00	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00
3582	462831.09	3773392.25	2.84E-04	0.00E+00	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00
3583	462822.45	3773388.69	2.69E-04	0.00E+00	0.00E+00	0.00E+00	4.11E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00
3584	462813.81	3773385.14	2.55E-04	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00
3585	462805.17	3773381.58	2.42E-04	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00
3586	462796.53	3773378.03	2.29E-04	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00
3587	462789.79	3773370.51	2.27E-04	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00
3588	462786.16	3773361.91	2.31E-04	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00
3589	462782.52	3773353.3	2.35E-04	0.00E+00	0.00E+00	0.00E+00	3.59E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00
3590	462778.89	3773344.7	2.38E-04	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00
3591	462775.26	3773336.09	2.42E-04	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00
3592	462771.62	3773327.49	2.45E-04	0.00E+00	0.00E+00	0.00E+00	3.75E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00
3593	462767.99	3773318.88	2.48E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00
3594	462764.35	3773310.27	2.50E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00
3595	462760.72	3773301.67	2.52E-04	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00
3596	462757.09	3773293.06	2.52E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00

3597	462753.45	3773284.46	2.51E-04	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00
3598	462917.47	3773447.8	4.06E-04	0.00E+00	0.00E+00	0.00E+00	6.22E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00
3599	462908.85	3773444.25	3.90E-04	0.00E+00	0.00E+00	0.00E+00	5.97E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00
3600	462900.24	3773440.7	3.72E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00
3601	462891.62	3773437.16	3.54E-04	0.00E+00	0.00E+00	0.00E+00	5.42E-05	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00
3602	462883	3773433.61	3.38E-04	0.00E+00	0.00E+00	0.00E+00	5.17E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00
3603	462874.38	3773430.06	3.22E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00
3604	462865.76	3773426.52	3.07E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00
3605	462857.14	3773422.97	2.93E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00
3606	462848.52	3773419.42	2.79E-04	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00
3607	462839.9	3773415.88	2.66E-04	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00
3608	462831.29	3773412.33	2.52E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00
3609	462822.67	3773408.78	2.40E-04	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00
3610	462814.05	3773405.24	2.28E-04	0.00E+00	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00
3611	462805.43	3773401.69	2.17E-04	0.00E+00	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00
3612	462796.81	3773398.14	2.06E-04	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
3613	462788.19	3773394.59	1.96E-04	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00
3614	462779.57	3773391.05	1.87E-04	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00
3615	462774.51	3773381.87	1.88E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
3616	462770.89	3773373.28	1.92E-04	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
3617	462767.26	3773364.7	1.95E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
3618	462763.63	3773356.11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00
3619	462760.01	3773347.53	2.01E-04	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00
3620	462756.38	3773338.94	2.05E-04	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00
3621	462752.76	3773330.35	2.07E-04	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
3622	462749.13	3773321.77	2.09E-04	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00
3623	462745.51	3773313.18	2.10E-04	0.00E+00	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
3624	462741.88	3773304.6	2.11E-04	0.00E+00	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
3625	462738.25	3773296.01	2.11E-04	0.00E+00	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
3626	462734.63	3773287.42	2.10E-04	0.00E+00	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
3627	462900.27	3773460.72	3.18E-04	0.00E+00	0.00E+00	0.00E+00	4.86E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00
3628	462891.67	3773457.18	3.04E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00
3629	462883.06	3773453.64	2.91E-04	0.00E+00	0.00E+00	0.00E+00	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00
3630	462874.46	3773450.1	2.79E-04	0.00E+00	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00
3631	462865.86	3773446.56	2.67E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00
3632	462857.26	3773443.02	2.55E-04	0.00E+00	0.00E+00	0.00E+00	3.91E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00
3633	462848.65	3773439.48	2.44E-04	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00
3634	462840.05	3773435.94	2.33E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00
3635	462831.45	3773432.4	2.23E-04	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00
3636	462822.85	3773428.86	2.13E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00
3637	462814.24	3773425.32	2.04E-04	0.00E+00	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00
3638	462805.64	3773421.77	1.95E-04	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
3639	462797.04	3773418.23	1.86E-04	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
3640	462788.43	3773414.69	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
3641	462779.83	3773411.15	1.70E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
3642	462771.23	3773407.61	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
3643	462762.85	3773401.81	1.57E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
3644	462759.23	3773393.24	1.60E-04	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00

3645	462755.62	3773384.67	1.62E-04	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
3646	462752	3773376.1	1.64E-04	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
3647	462748.38	3773367.53	1.67E-04	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00
3648	462744.76	3773358.96	1.69E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00
3649	462741.14	3773350.39	1.72E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00
3650	462737.52	3773341.82	1.74E-04	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
3651	462733.9	3773333.25	1.76E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
3652	462730.28	3773324.68	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
3653	462726.66	3773316.11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
3654	462723.05	3773307.53	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
3655	462719.43	3773298.96	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
3656	462715.81	3773290.39	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
3657	462712.19	3773281.82	1.77E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
3658	462917.48	3773487.8	2.93E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00
3659	462848.76	3773459.52	2.16E-04	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00
3660	462840.17	3773455.99	2.07E-04	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
3661	462831.58	3773452.45	1.99E-04	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00
3662	462822.99	3773448.92	1.90E-04	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00
3663	462814.4	3773445.38	1.82E-04	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
3664	462805.81	3773441.85	1.75E-04	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00
3665	462797.22	3773438.31	1.67E-04	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00
3666	462788.63	3773434.78	1.61E-04	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00
3667	462780.05	3773431.24	1.54E-04	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00
3668	462771.46	3773427.71	1.48E-04	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	9.71E-06	0.00E+00	0.00E+00	0.00E+00
3669	462762.87	3773424.17	1.42E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	9.33E-06	0.00E+00	0.00E+00	0.00E+00
3670	462754.28	3773420.64	1.37E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	8.97E-06	0.00E+00	0.00E+00	0.00E+00
3671	462747.57	3773413.16	1.35E-04	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	8.88E-06	0.00E+00	0.00E+00	0.00E+00
3672	462743.96	3773404.61	1.37E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	8.99E-06	0.00E+00	0.00E+00	0.00E+00
3673	462740.35	3773396.05	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	9.10E-06	0.00E+00	0.00E+00	0.00E+00
3674	462736.73	3773387.49	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	9.20E-06	0.00E+00	0.00E+00	0.00E+00
3675	462733.12	3773378.94	1.42E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	9.34E-06	0.00E+00	0.00E+00	0.00E+00
3676	462729.51	3773370.38	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	9.47E-06	0.00E+00	0.00E+00	0.00E+00
3677	462725.89	3773361.82	1.46E-04	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	9.60E-06	0.00E+00	0.00E+00	0.00E+00
3678	462722.28	3773353.27	1.48E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	9.72E-06	0.00E+00	0.00E+00	0.00E+00
3679	462718.67	3773344.71	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	9.82E-06	0.00E+00	0.00E+00	0.00E+00
3680	462715.05	3773336.15	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	9.89E-06	0.00E+00	0.00E+00	0.00E+00
3681	462711.44	3773327.6	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	9.94E-06	0.00E+00	0.00E+00	0.00E+00
3682	462707.83	3773319.04	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	9.97E-06	0.00E+00	0.00E+00	0.00E+00
3683	462704.21	3773310.48	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	9.99E-06	0.00E+00	0.00E+00	0.00E+00
3684	462700.6	3773301.93	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00
3685	462696.99	3773293.37	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	9.99E-06	0.00E+00	0.00E+00	0.00E+00
3686	462693.37	3773284.81	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	9.92E-06	0.00E+00	0.00E+00	0.00E+00
3687	462917.47	3773507.8	2.53E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00
3688	462908.82	3773504.24	2.44E-04	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00
3689	462900.18	3773500.68	2.37E-04	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00
3690	462891.53	3773497.12	2.29E-04	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00
3691	462882.89	3773493.56	2.22E-04	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00
3692	462874.24	3773490.01	2.14E-04	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00

3693	462796.43	3773457.98	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	9.92E-06	0.00E+00	0.00E+00	0.00E+00
3694	462787.78	3773454.42	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	9.52E-06	0.00E+00	0.00E+00	0.00E+00
3695	462779.13	3773450.87	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00	9.14E-06	0.00E+00	0.00E+00	0.00E+00
3696	462770.49	3773447.31	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.78E-06	0.00E+00	0.00E+00	0.00E+00
3697	462761.84	3773443.75	1.29E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	8.45E-06	0.00E+00	0.00E+00	0.00E+00
3698	462753.2	3773440.19	1.24E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	8.14E-06	0.00E+00	0.00E+00	0.00E+00
3699	462744.55	3773436.63	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	7.84E-06	0.00E+00	0.00E+00	0.00E+00
3700	462735.3	3773431.64	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	0.00E+00
3701	462731.66	3773423.03	1.17E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	0.00E+00
3702	462728.02	3773414.41	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	7.81E-06	0.00E+00	0.00E+00	0.00E+00
3703	462724.39	3773405.8	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	7.90E-06	0.00E+00	0.00E+00	0.00E+00
3704	462720.75	3773397.19	1.22E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	7.99E-06	0.00E+00	0.00E+00	0.00E+00
3705	462717.11	3773388.58	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	8.08E-06	0.00E+00	0.00E+00	0.00E+00
3706	462713.48	3773379.96	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	8.18E-06	0.00E+00	0.00E+00	0.00E+00
3707	462709.84	3773371.35	1.26E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	8.29E-06	0.00E+00	0.00E+00	0.00E+00
3708	462706.2	3773362.74	1.28E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	8.39E-06	0.00E+00	0.00E+00	0.00E+00
3709	462702.57	3773354.12	1.29E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	8.48E-06	0.00E+00	0.00E+00	0.00E+00
3710	462698.93	3773345.51	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	8.53E-06	0.00E+00	0.00E+00	0.00E+00
3711	462695.29	3773336.9	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	8.57E-06	0.00E+00	0.00E+00	0.00E+00
3712	462691.65	3773328.28	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	8.59E-06	0.00E+00	0.00E+00	0.00E+00
3713	462688.02	3773319.67	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	0.00E+00
3714	462684.38	3773311.06	1.32E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	8.65E-06	0.00E+00	0.00E+00	0.00E+00
3715	462680.74	3773302.44	1.32E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	8.65E-06	0.00E+00	0.00E+00	0.00E+00
3716	462677.11	3773293.83	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	8.63E-06	0.00E+00	0.00E+00	0.00E+00
3717	462673.47	3773285.22	1.30E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	8.56E-06	0.00E+00	0.00E+00	0.00E+00
3718	462917.47	3773527.8	2.21E-04	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00
3719	462908.84	3773524.25	2.15E-04	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00
3720	462900.21	3773520.69	2.08E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00
3721	462891.58	3773517.14	2.02E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00
3722	462882.95	3773513.59	1.95E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
3723	462874.31	3773510.04	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
3724	462865.68	3773506.49	1.83E-04	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
3725	462857.05	3773502.93	1.77E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
3726	462848.42	3773499.38	1.71E-04	0.00E+00	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
3727	462839.79	3773495.83	1.65E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
3728	462831.16	3773492.28	1.59E-04	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00
3729	462822.53	3773488.72	1.54E-04	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00
3730	462753.48	3773460.31	1.14E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	7.46E-06	0.00E+00	0.00E+00	0.00E+00
3731	462744.84	3773456.76	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	0.00E+00
3732	462736.21	3773453.2	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	6.95E-06	0.00E+00	0.00E+00	0.00E+00
3733	462727.58	3773449.65	1.02E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	0.00E+00
3734	462720.01	3773442.98	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	0.00E+00
3735	462716.38	3773434.38	1.02E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	0.00E+00
3736	462712.75	3773425.79	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	6.81E-06	0.00E+00	0.00E+00	0.00E+00
3737	462709.12	3773417.19	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	6.91E-06	0.00E+00	0.00E+00	0.00E+00
3738	462705.49	3773408.59	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	6.99E-06	0.00E+00	0.00E+00	0.00E+00
3739	462701.86	3773399.99	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	0.00E+00
3740	462698.23	3773391.39	1.09E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	0.00E+00

3741	462694.6	3773382.79	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	0.00E+00
3742	462690.96	3773374.2	1.11E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	7.29E-06	0.00E+00	0.00E+00	0.00E+00
3743	462687.33	3773365.6	1.12E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	7.37E-06	0.00E+00	0.00E+00	0.00E+00
3744	462683.7	3773357	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	7.44E-06	0.00E+00	0.00E+00	0.00E+00
3745	462680.07	3773348.4	1.14E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	7.48E-06	0.00E+00	0.00E+00	0.00E+00
3746	462676.44	3773339.8	1.14E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	7.51E-06	0.00E+00	0.00E+00	0.00E+00
3747	462672.81	3773331.2	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	0.00E+00
3748	462669.18	3773322.6	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	7.54E-06	0.00E+00	0.00E+00	0.00E+00
3749	462665.55	3773314.01	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	7.54E-06	0.00E+00	0.00E+00	0.00E+00
3750	462661.92	3773305.41	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	7.53E-06	0.00E+00	0.00E+00	0.00E+00
3751	462658.29	3773296.81	1.14E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	7.50E-06	0.00E+00	0.00E+00	0.00E+00
3752	462654.66	3773288.21	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	7.43E-06	0.00E+00	0.00E+00	0.00E+00
3753	462917.47	3773547.8	1.94E-04	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
3754	462908.85	3773544.25	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
3755	462900.24	3773540.7	1.84E-04	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00
3756	462891.62	3773537.16	1.79E-04	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
3757	462883	3773533.61	1.74E-04	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
3758	462874.38	3773530.06	1.69E-04	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00
3759	462865.76	3773526.52	1.64E-04	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
3760	462857.14	3773522.97	1.59E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
3761	462848.52	3773519.42	1.53E-04	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00
3762	462839.9	3773515.88	1.48E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	9.73E-06	0.00E+00	0.00E+00	0.00E+00
3763	462831.29	3773512.33	1.43E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00	9.41E-06	0.00E+00	0.00E+00	0.00E+00
3764	462822.67	3773508.78	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	9.10E-06	0.00E+00	0.00E+00	0.00E+00
3765	462814.05	3773505.24	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-06	0.00E+00	0.00E+00	0.00E+00
3766	462805.43	3773501.69	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	0.00E+00
3767	462796.81	3773498.14	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00
3768	462788.19	3773494.59	1.21E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	7.94E-06	0.00E+00	0.00E+00	0.00E+00
3769	462779.57	3773491.05	1.17E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	7.66E-06	0.00E+00	0.00E+00	0.00E+00
3770	462770.95	3773487.5	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	7.39E-06	0.00E+00	0.00E+00	0.00E+00
3771	462704.73	3773454.33	8.87E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	5.82E-06	0.00E+00	0.00E+00	0.00E+00
3772	462701.1	3773445.75	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	5.90E-06	0.00E+00	0.00E+00	0.00E+00
3773	462697.48	3773437.16	9.11E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	5.98E-06	0.00E+00	0.00E+00	0.00E+00
3774	462693.85	3773428.58	9.23E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	0.00E+00
3775	462690.23	3773419.99	9.34E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00
3776	462686.6	3773411.4	9.44E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	6.19E-06	0.00E+00	0.00E+00	0.00E+00
3777	462682.97	3773402.82	9.54E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	6.26E-06	0.00E+00	0.00E+00	0.00E+00
3778	462679.35	3773394.23	9.64E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	0.00E+00
3779	462675.72	3773385.65	9.74E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	6.39E-06	0.00E+00	0.00E+00	0.00E+00
3780	462672.1	3773377.06	9.85E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00
3781	462668.47	3773368.47	9.94E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	0.00E+00
3782	462664.85	3773359.89	1.00E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	6.57E-06	0.00E+00	0.00E+00	0.00E+00
3783	462661.22	3773351.3	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.60E-06	0.00E+00	0.00E+00	0.00E+00
3784	462657.6	3773342.72	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	0.00E+00
3785	462653.97	3773334.13	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	0.00E+00
3786	462650.34	3773325.54	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	6.64E-06	0.00E+00	0.00E+00	0.00E+00
3787	462646.72	3773316.96	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	0.00E+00
3788	462643.09	3773308.37	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.60E-06	0.00E+00	0.00E+00	0.00E+00

3789	462639.47	3773299.79	1.00E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	6.56E-06	0.00E+00	0.00E+00	0.00E+00
3790	462635.84	3773291.2	9.92E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	6.51E-06	0.00E+00	0.00E+00	0.00E+00
3791	462917.48	3773577.8	1.62E-04	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
3792	462908.87	3773574.26	1.58E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
3793	462900.27	3773570.72	1.54E-04	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00
3794	462891.67	3773567.18	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	0.00E+00
3795	462883.06	3773563.64	1.46E-04	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	9.60E-06	0.00E+00	0.00E+00	0.00E+00
3796	462874.46	3773560.1	1.43E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	9.36E-06	0.00E+00	0.00E+00	0.00E+00
3797	462865.86	3773556.56	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00	9.12E-06	0.00E+00	0.00E+00	0.00E+00
3798	462857.26	3773553.02	1.35E-04	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	8.87E-06	0.00E+00	0.00E+00	0.00E+00
3799	462848.65	3773549.48	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	8.63E-06	0.00E+00	0.00E+00	0.00E+00
3800	462840.05	3773545.94	1.28E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	8.37E-06	0.00E+00	0.00E+00	0.00E+00
3801	462831.45	3773542.4	1.24E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	8.11E-06	0.00E+00	0.00E+00	0.00E+00
3802	462822.85	3773538.86	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	7.85E-06	0.00E+00	0.00E+00	0.00E+00
3803	462814.24	3773535.32	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	7.61E-06	0.00E+00	0.00E+00	0.00E+00
3804	462805.64	3773531.77	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	7.38E-06	0.00E+00	0.00E+00	0.00E+00
3805	462797.04	3773528.23	1.09E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	7.16E-06	0.00E+00	0.00E+00	0.00E+00
3806	462788.43	3773524.69	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	6.94E-06	0.00E+00	0.00E+00	0.00E+00
3807	462779.83	3773521.15	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	0.00E+00
3808	462771.23	3773517.61	9.94E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	0.00E+00
3809	462762.63	3773514.07	9.64E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	0.00E+00
3810	462754.02	3773510.53	9.34E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00
3811	462745.42	3773506.99	9.05E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.94E-06	0.00E+00	0.00E+00	0.00E+00
3812	462736.82	3773503.45	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	5.75E-06	0.00E+00	0.00E+00	0.00E+00
3813	462728.21	3773499.91	8.49E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	0.00E+00
3814	462719.61	3773496.37	8.23E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	0.00E+00
3815	462711.01	3773492.83	7.98E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	0.00E+00
3816	462702.41	3773489.29	7.73E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	0.00E+00
3817	462674.57	3773454.23	7.62E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	0.00E+00
3818	462670.95	3773445.66	7.71E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00
3819	462667.33	3773437.09	7.79E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	0.00E+00
3820	462663.71	3773428.52	7.86E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	0.00E+00
3821	462660.1	3773419.95	7.94E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	0.00E+00
3822	462656.48	3773411.38	8.02E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	0.00E+00
3823	462652.86	3773402.81	8.11E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	0.00E+00
3824	462649.24	3773394.24	8.19E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	0.00E+00
3825	462645.62	3773385.67	8.27E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.43E-06	0.00E+00	0.00E+00	0.00E+00
3826	462642	3773377.1	8.32E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	0.00E+00
3827	462638.38	3773368.53	8.36E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	0.00E+00
3828	462634.76	3773359.96	8.39E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	0.00E+00
3829	462631.14	3773351.39	8.42E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	0.00E+00
3830	462627.53	3773342.82	8.45E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	0.00E+00
3831	462605.81	3773291.4	8.28E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.43E-06	0.00E+00	0.00E+00	0.00E+00
3832	462602.19	3773282.83	8.20E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	0.00E+00
3833	462598.57	3773274.26	8.11E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	0.00E+00
3834	462917.47	3773607.8	1.37E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	9.02E-06	0.00E+00	0.00E+00	0.00E+00
3835	462908.83	3773604.24	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	8.82E-06	0.00E+00	0.00E+00	0.00E+00
3836	462900.19	3773600.69	1.32E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	8.63E-06	0.00E+00	0.00E+00	0.00E+00

3837	462891.56	3773597.13	1.29E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	8.44E-06	0.00E+00	0.00E+00	0.00E+00
3838	462882.92	3773593.58	1.26E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	8.24E-06	0.00E+00	0.00E+00	0.00E+00
3839	462874.28	3773590.02	1.22E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	8.03E-06	0.00E+00	0.00E+00	0.00E+00
3840	462865.64	3773586.47	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	7.82E-06	0.00E+00	0.00E+00	0.00E+00
3841	462857	3773582.91	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	7.61E-06	0.00E+00	0.00E+00	0.00E+00
3842	462848.36	3773579.36	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	7.42E-06	0.00E+00	0.00E+00	0.00E+00
3843	462839.72	3773575.8	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	0.00E+00
3844	462831.09	3773572.25	1.07E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	0.00E+00
3845	462822.45	3773568.69	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	6.86E-06	0.00E+00	0.00E+00	0.00E+00
3846	462813.81	3773565.14	1.02E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	0.00E+00
3847	462805.17	3773561.58	9.90E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	0.00E+00
3848	462796.53	3773558.03	9.61E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	0.00E+00
3849	462787.89	3773554.47	9.34E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00
3850	462779.26	3773550.92	9.07E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.95E-06	0.00E+00	0.00E+00	0.00E+00
3851	462770.62	3773547.36	8.80E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	0.00E+00
3852	462761.98	3773543.81	8.55E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	0.00E+00
3853	462753.34	3773540.25	8.29E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.44E-06	0.00E+00	0.00E+00	0.00E+00
3854	462744.7	3773536.7	8.05E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	0.00E+00
3855	462736.06	3773533.14	7.82E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00
3856	462727.43	3773529.59	7.60E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	0.00E+00
3857	462718.79	3773526.03	7.38E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	0.00E+00
3858	462710.15	3773522.48	7.18E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.71E-06	0.00E+00	0.00E+00	0.00E+00
3859	462701.51	3773518.92	6.98E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	0.00E+00
3860	462692.87	3773515.37	6.78E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00
3861	462684.23	3773511.81	6.60E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00
3862	462675.6	3773508.26	6.42E-05	0.00E+00	0.00E+00	0.00E+00	9.83E-06	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	0.00E+00
3863	462666.96	3773504.7	6.26E-05	0.00E+00	0.00E+00	0.00E+00	9.58E-06	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	0.00E+00
3864	462661.88	3773495.5	6.28E-05	0.00E+00	0.00E+00	0.00E+00	9.62E-06	0.00E+00	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	0.00E+00
3865	462647.35	3773461.08	6.55E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	0.00E+00
3866	462643.71	3773452.48	6.63E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	0.00E+00
3867	462640.08	3773443.87	6.70E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00
3868	462636.45	3773435.27	6.76E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	0.00E+00
3869	462632.81	3773426.66	6.82E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	0.00E+00
3870	462629.18	3773418.05	6.87E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00
3871	462607.38	3773366.42	7.16E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	0.00E+00
3872	462603.74	3773357.82	7.17E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	0.00E+00
3873	462600.11	3773349.21	7.18E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.71E-06	0.00E+00	0.00E+00	0.00E+00
3874	462596.47	3773340.6	7.18E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.71E-06	0.00E+00	0.00E+00	0.00E+00
3875	462592.84	3773332	7.17E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.71E-06	0.00E+00	0.00E+00	0.00E+00
3876	462589.21	3773323.39	7.15E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00
3877	462585.57	3773314.79	7.12E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	0.00E+00
3878	462581.94	3773306.18	7.08E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	0.00E+00
3879	462578.31	3773297.58	7.05E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	0.00E+00
3880	462574.67	3773288.97	6.98E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	0.00E+00
3881	462571.04	3773280.37	6.91E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00
3882	462917.47	3773637.8	1.18E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00	7.73E-06	0.00E+00	0.00E+00	0.00E+00
3883	462908.85	3773634.25	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	7.56E-06	0.00E+00	0.00E+00	0.00E+00
3884	462900.23	3773630.7	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	7.41E-06	0.00E+00	0.00E+00	0.00E+00

3885	462891.6	3773627.15	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	7.25E-06	0.00E+00	0.00E+00	0.00E+00
3886	462882.98	3773623.6	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	7.10E-06	0.00E+00	0.00E+00	0.00E+00
3887	462874.36	3773620.05	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	6.94E-06	0.00E+00	0.00E+00	0.00E+00
3888	462865.73	3773616.51	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	6.79E-06	0.00E+00	0.00E+00	0.00E+00
3889	462857.11	3773612.96	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	0.00E+00
3890	462848.49	3773609.41	9.86E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	0.00E+00
3891	462839.86	3773605.86	9.63E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	0.00E+00
3892	462831.24	3773602.31	9.39E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	6.17E-06	0.00E+00	0.00E+00	0.00E+00
3893	462822.62	3773598.76	9.17E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	6.01E-06	0.00E+00	0.00E+00	0.00E+00
3894	462813.99	3773595.21	8.94E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	0.00E+00
3895	462805.37	3773591.66	8.73E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	0.00E+00
3896	462796.75	3773588.12	8.51E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	5.58E-06	0.00E+00	0.00E+00	0.00E+00
3897	462788.12	3773584.57	8.30E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.44E-06	0.00E+00	0.00E+00	0.00E+00
3898	462779.5	3773581.02	8.09E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	0.00E+00
3899	462770.88	3773577.47	7.88E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	0.00E+00
3900	462762.25	3773573.92	7.68E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	5.04E-06	0.00E+00	0.00E+00	0.00E+00
3901	462753.63	3773570.37	7.48E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	0.00E+00
3902	462745.01	3773566.82	7.28E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00
3903	462736.38	3773563.27	7.08E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	0.00E+00
3904	462727.76	3773559.72	6.89E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00
3905	462719.14	3773556.18	6.70E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00
3906	462710.51	3773552.63	6.52E-05	0.00E+00	0.00E+00	0.00E+00	9.98E-06	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	0.00E+00
3907	462701.89	3773549.08	6.34E-05	0.00E+00	0.00E+00	0.00E+00	9.71E-06	0.00E+00	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	0.00E+00
3908	462693.27	3773545.53	6.17E-05	0.00E+00	0.00E+00	0.00E+00	9.45E-06	0.00E+00	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	0.00E+00
3909	462684.64	3773541.98	6.01E-05	0.00E+00	0.00E+00	0.00E+00	9.20E-06	0.00E+00	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	0.00E+00
3910	462676.02	3773538.43	5.85E-05	0.00E+00	0.00E+00	0.00E+00	8.96E-06	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	0.00E+00
3911	462667.4	3773534.88	5.70E-05	0.00E+00	0.00E+00	0.00E+00	8.73E-06	0.00E+00	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00
3912	462658.77	3773531.33	5.56E-05	0.00E+00	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	0.00E+00
3913	462650.15	3773527.79	5.42E-05	0.00E+00	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	0.00E+00
3914	462642.59	3773521.12	5.37E-05	0.00E+00	0.00E+00	0.00E+00	8.21E-06	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00
3915	462638.96	3773512.53	5.42E-05	0.00E+00	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	0.00E+00
3916	462635.33	3773503.94	5.48E-05	0.00E+00	0.00E+00	0.00E+00	8.39E-06	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	0.00E+00
3917	462631.71	3773495.35	5.53E-05	0.00E+00	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00
3918	462606.31	3773435.22	5.91E-05	0.00E+00	0.00E+00	0.00E+00	9.05E-06	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00
3919	462602.69	3773426.63	5.96E-05	0.00E+00	0.00E+00	0.00E+00	9.12E-06	0.00E+00	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00
3920	462599.06	3773418.04	6.00E-05	0.00E+00	0.00E+00	0.00E+00	9.18E-06	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00
3921	462595.43	3773409.45	6.04E-05	0.00E+00	0.00E+00	0.00E+00	9.24E-06	0.00E+00	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	0.00E+00
3922	462591.8	3773400.86	6.07E-05	0.00E+00	0.00E+00	0.00E+00	9.30E-06	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00
3923	462588.18	3773392.27	6.10E-05	0.00E+00	0.00E+00	0.00E+00	9.34E-06	0.00E+00	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	0.00E+00
3924	462584.55	3773383.68	6.12E-05	0.00E+00	0.00E+00	0.00E+00	9.37E-06	0.00E+00	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	0.00E+00
3925	462580.92	3773375.09	6.15E-05	0.00E+00	0.00E+00	0.00E+00	9.41E-06	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	0.00E+00
3926	462577.29	3773366.49	6.17E-05	0.00E+00	0.00E+00	0.00E+00	9.44E-06	0.00E+00	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	0.00E+00
3927	462573.67	3773357.9	6.18E-05	0.00E+00	0.00E+00	0.00E+00	9.47E-06	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00
3928	462570.04	3773349.31	6.18E-05	0.00E+00	0.00E+00	0.00E+00	9.46E-06	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00
3929	462566.41	3773340.72	6.17E-05	0.00E+00	0.00E+00	0.00E+00	9.44E-06	0.00E+00	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	0.00E+00
3930	462562.78	3773332.13	6.14E-05	0.00E+00	0.00E+00	0.00E+00	9.41E-06	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	0.00E+00
3931	462559.16	3773323.54	6.12E-05	0.00E+00	0.00E+00	0.00E+00	9.37E-06	0.00E+00	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	0.00E+00
3932	462555.53	3773314.95	6.10E-05	0.00E+00	0.00E+00	0.00E+00	9.34E-06	0.00E+00	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	0.00E+00

3933	462551.9	3773306.36	6.07E-05	0.00E+00	0.00E+00	0.00E+00	9.29E-06	0.00E+00	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	0.00E+00
3934	462548.27	3773297.77	6.03E-05	0.00E+00	0.00E+00	0.00E+00	9.24E-06	0.00E+00	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	0.00E+00
3935	462544.65	3773289.18	5.98E-05	0.00E+00	0.00E+00	0.00E+00	9.15E-06	0.00E+00	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	0.00E+00
3936	462541.02	3773280.59	5.92E-05	0.00E+00	0.00E+00	0.00E+00	9.06E-06	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00
3937	462917.47	3773667.8	1.02E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	0.00E+00
3938	462908.82	3773664.24	1.00E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.59E-06	0.00E+00	0.00E+00	0.00E+00
3939	462900.16	3773660.67	9.85E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00
3940	462891.51	3773657.11	9.66E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	6.34E-06	0.00E+00	0.00E+00	0.00E+00
3941	462882.86	3773653.55	9.47E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	0.00E+00
3942	462874.21	3773649.99	9.26E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00	6.08E-06	0.00E+00	0.00E+00	0.00E+00
3943	462865.55	3773646.43	9.06E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.94E-06	0.00E+00	0.00E+00	0.00E+00
3944	462856.9	3773642.87	8.86E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	5.81E-06	0.00E+00	0.00E+00	0.00E+00
3945	462848.25	3773639.31	8.67E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00
3946	462839.6	3773635.75	8.49E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	0.00E+00
3947	462830.94	3773632.19	8.31E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	0.00E+00
3948	462822.29	3773628.63	8.13E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	0.00E+00
3949	462813.64	3773625.07	7.95E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	5.22E-06	0.00E+00	0.00E+00	0.00E+00
3950	462804.99	3773621.51	7.77E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	0.00E+00
3951	462796.33	3773617.95	7.59E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	0.00E+00
3952	462787.68	3773614.38	7.41E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	0.00E+00
3953	462779.03	3773610.82	7.23E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	0.00E+00
3954	462770.38	3773607.26	7.06E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	0.00E+00
3955	462761.72	3773603.7	6.88E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00
3956	462753.07	3773600.14	6.71E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00
3957	462744.42	3773596.58	6.55E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	0.00E+00
3958	462735.77	3773593.02	6.39E-05	0.00E+00	0.00E+00	0.00E+00	9.77E-06	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	0.00E+00
3959	462727.11	3773589.46	6.23E-05	0.00E+00	0.00E+00	0.00E+00	9.54E-06	0.00E+00	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	0.00E+00
3960	462718.46	3773585.9	6.08E-05	0.00E+00	0.00E+00	0.00E+00	9.30E-06	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00
3961	462709.81	3773582.34	5.93E-05	0.00E+00	0.00E+00	0.00E+00	9.07E-06	0.00E+00	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	0.00E+00
3962	462701.16	3773578.78	5.78E-05	0.00E+00	0.00E+00	0.00E+00	8.85E-06	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00
3963	462692.5	3773575.22	5.64E-05	0.00E+00	0.00E+00	0.00E+00	8.63E-06	0.00E+00	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	0.00E+00
3964	462683.85	3773571.65	5.50E-05	0.00E+00	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00
3965	462675.2	3773568.09	5.37E-05	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00
3966	462666.55	3773564.53	5.24E-05	0.00E+00	0.00E+00	0.00E+00	8.02E-06	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00
3967	462657.9	3773560.97	5.11E-05	0.00E+00	0.00E+00	0.00E+00	7.82E-06	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	0.00E+00
3968	462649.24	3773557.41	4.99E-05	0.00E+00	0.00E+00	0.00E+00	7.63E-06	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00
3969	462640.59	3773553.85	4.87E-05	0.00E+00	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00
3970	462631.94	3773550.29	4.75E-05	0.00E+00	0.00E+00	0.00E+00	7.27E-06	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	0.00E+00
3971	462604.48	3773502.19	4.88E-05	0.00E+00	0.00E+00	0.00E+00	7.47E-06	0.00E+00	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	0.00E+00
3972	462600.84	3773493.58	4.92E-05	0.00E+00	0.00E+00	0.00E+00	7.53E-06	0.00E+00	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	0.00E+00
3973	462597.2	3773484.96	4.96E-05	0.00E+00	0.00E+00	0.00E+00	7.59E-06	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00
3974	462586.28	3773459.1	5.10E-05	0.00E+00	0.00E+00	0.00E+00	7.81E-06	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	0.00E+00
3975	462582.64	3773450.48	5.15E-05	0.00E+00	0.00E+00	0.00E+00	7.88E-06	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	0.00E+00
3976	462579	3773441.86	5.19E-05	0.00E+00	0.00E+00	0.00E+00	7.94E-06	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	0.00E+00
3977	462575.36	3773433.24	5.22E-05	0.00E+00	0.00E+00	0.00E+00	7.99E-06	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	0.00E+00
3978	462571.72	3773424.62	5.25E-05	0.00E+00	0.00E+00	0.00E+00	8.04E-06	0.00E+00	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	0.00E+00
3979	462568.08	3773416	5.28E-05	0.00E+00	0.00E+00	0.00E+00	8.08E-06	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00
3980	462564.44	3773407.38	5.30E-05	0.00E+00	0.00E+00	0.00E+00	8.12E-06	0.00E+00	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	0.00E+00

3981	462560.8	3773398.76	5.32E-05	0.00E+00	0.00E+00	0.00E+00	8.15E-06	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00
3982	462557.16	3773390.14	5.34E-05	0.00E+00	0.00E+00	0.00E+00	8.17E-06	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00
3983	462553.52	3773381.52	5.35E-05	0.00E+00	0.00E+00	0.00E+00	8.20E-06	0.00E+00	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	0.00E+00
3984	462549.88	3773372.9	5.37E-05	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00
3985	462546.24	3773364.28	5.38E-05	0.00E+00	0.00E+00	0.00E+00	8.24E-06	0.00E+00	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00
3986	462542.6	3773355.66	5.38E-05	0.00E+00	0.00E+00	0.00E+00	8.24E-06	0.00E+00	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00
3987	462538.96	3773347.04	5.37E-05	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00
3988	462535.33	3773338.42	5.35E-05	0.00E+00	0.00E+00	0.00E+00	8.19E-06	0.00E+00	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	0.00E+00
3989	462531.69	3773329.8	5.33E-05	0.00E+00	0.00E+00	0.00E+00	8.15E-06	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00
3990	462528.05	3773321.19	5.30E-05	0.00E+00	0.00E+00	0.00E+00	8.12E-06	0.00E+00	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	0.00E+00
3991	462524.41	3773312.57	5.28E-05	0.00E+00	0.00E+00	0.00E+00	8.08E-06	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00
3992	462520.77	3773303.95	5.25E-05	0.00E+00	0.00E+00	0.00E+00	8.03E-06	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00
3993	462517.13	3773295.33	5.21E-05	0.00E+00	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	0.00E+00
3994	462513.49	3773286.71	5.16E-05	0.00E+00	0.00E+00	0.00E+00	7.90E-06	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00
3995	462509.85	3773278.09	5.11E-05	0.00E+00	0.00E+00	0.00E+00	7.82E-06	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	0.00E+00
3996	462917.47	3773697.8	8.98E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	5.89E-06	0.00E+00	0.00E+00	0.00E+00
3997	462908.83	3773694.24	8.82E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.79E-06	0.00E+00	0.00E+00	0.00E+00
3998	462900.19	3773690.69	8.65E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	0.00E+00
3999	462891.56	3773687.13	8.48E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	0.00E+00
4000	462882.92	3773683.58	8.31E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	0.00E+00
4001	462874.28	3773680.02	8.16E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	0.00E+00
4002	462865.64	3773676.47	8.00E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	5.25E-06	0.00E+00	0.00E+00	0.00E+00
4003	462857	3773672.91	7.84E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00
4004	462848.36	3773669.36	7.68E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	5.04E-06	0.00E+00	0.00E+00	0.00E+00
4005	462839.72	3773665.8	7.53E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	0.00E+00
4006	462831.09	3773662.25	7.38E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	0.00E+00
4007	462822.45	3773658.69	7.23E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	0.00E+00
4008	462813.81	3773655.14	7.08E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	0.00E+00
4009	462805.17	3773651.58	6.94E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	0.00E+00
4010	462796.53	3773648.03	6.80E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	0.00E+00
4011	462787.89	3773644.47	6.66E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	0.00E+00
4012	462779.26	3773640.92	6.52E-05	0.00E+00	0.00E+00	0.00E+00	9.97E-06	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	0.00E+00
4013	462770.62	3773637.36	6.38E-05	0.00E+00	0.00E+00	0.00E+00	9.76E-06	0.00E+00	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	0.00E+00
4014	462761.98	3773633.81	6.24E-05	0.00E+00	0.00E+00	0.00E+00	9.55E-06	0.00E+00	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	0.00E+00
4015	462753.34	3773630.25	6.10E-05	0.00E+00	0.00E+00	0.00E+00	9.34E-06	0.00E+00	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	0.00E+00
4016	462744.7	3773626.7	5.97E-05	0.00E+00	0.00E+00	0.00E+00	9.13E-06	0.00E+00	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	0.00E+00
4017	462736.06	3773623.14	5.83E-05	0.00E+00	0.00E+00	0.00E+00	8.92E-06	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00
4018	462727.43	3773619.59	5.69E-05	0.00E+00	0.00E+00	0.00E+00	8.71E-06	0.00E+00	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00
4019	462718.79	3773616.03	5.56E-05	0.00E+00	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	0.00E+00
4020	462710.15	3773612.48	5.43E-05	0.00E+00	0.00E+00	0.00E+00	8.31E-06	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	0.00E+00
4021	462701.51	3773608.92	5.30E-05	0.00E+00	0.00E+00	0.00E+00	8.11E-06	0.00E+00	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	0.00E+00
4022	462692.87	3773605.37	5.17E-05	0.00E+00	0.00E+00	0.00E+00	7.92E-06	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	0.00E+00
4023	462684.23	3773601.81	5.05E-05	0.00E+00	0.00E+00	0.00E+00	7.73E-06	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00
4024	462675.6	3773598.26	4.93E-05	0.00E+00	0.00E+00	0.00E+00	7.55E-06	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00
4025	462666.96	3773594.7	4.82E-05	0.00E+00	0.00E+00	0.00E+00	7.38E-06	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	0.00E+00
4026	462658.32	3773591.15	4.71E-05	0.00E+00	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00
4027	462649.68	3773587.59	4.61E-05	0.00E+00	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00
4028	462641.04	3773584.04	4.50E-05	0.00E+00	0.00E+00	0.00E+00	6.89E-06	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00

4029	462632.4	3773580.48	4.41E-05	0.00E+00	0.00E+00	0.00E+00	6.74E-06	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00
4030	462606.49	3773569.82	4.13E-05	0.00E+00	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00
4031	462599.75	3773562.3	4.11E-05	0.00E+00	0.00E+00	0.00E+00	6.29E-06	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00
4032	462596.11	3773553.7	4.14E-05	0.00E+00	0.00E+00	0.00E+00	6.34E-06	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00
4033	462592.48	3773545.09	4.17E-05	0.00E+00	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00
4034	462581.58	3773519.27	4.28E-05	0.00E+00	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00
4035	462577.94	3773510.67	4.32E-05	0.00E+00	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00
4036	462574.31	3773502.06	4.36E-05	0.00E+00	0.00E+00	0.00E+00	6.67E-06	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00
4037	462570.68	3773493.46	4.39E-05	0.00E+00	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00
4038	462567.04	3773484.85	4.42E-05	0.00E+00	0.00E+00	0.00E+00	6.77E-06	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00
4039	462556.14	3773459.04	4.53E-05	0.00E+00	0.00E+00	0.00E+00	6.93E-06	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00
4040	462552.51	3773450.43	4.56E-05	0.00E+00	0.00E+00	0.00E+00	6.97E-06	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00
4041	462548.87	3773441.82	4.58E-05	0.00E+00	0.00E+00	0.00E+00	7.02E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00
4042	462545.24	3773433.22	4.62E-05	0.00E+00	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00
4043	462541.61	3773424.61	4.65E-05	0.00E+00	0.00E+00	0.00E+00	7.12E-06	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00
4044	462537.97	3773416.01	4.68E-05	0.00E+00	0.00E+00	0.00E+00	7.16E-06	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00
4045	462534.34	3773407.4	4.69E-05	0.00E+00	0.00E+00	0.00E+00	7.18E-06	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	0.00E+00
4046	462530.7	3773398.8	4.70E-05	0.00E+00	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00
4047	462527.07	3773390.19	4.71E-05	0.00E+00	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00
4048	462523.44	3773381.59	4.72E-05	0.00E+00	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00
4049	462519.8	3773372.98	4.73E-05	0.00E+00	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00
4050	462516.17	3773364.38	4.73E-05	0.00E+00	0.00E+00	0.00E+00	7.24E-06	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00
4051	462512.53	3773355.77	4.73E-05	0.00E+00	0.00E+00	0.00E+00	7.24E-06	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00
4052	462508.9	3773347.16	4.71E-05	0.00E+00	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00
4053	462505.27	3773338.56	4.69E-05	0.00E+00	0.00E+00	0.00E+00	7.18E-06	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	0.00E+00
4054	462501.63	3773329.95	4.67E-05	0.00E+00	0.00E+00	0.00E+00	7.14E-06	0.00E+00	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	0.00E+00
4055	462498	3773321.35	4.64E-05	0.00E+00	0.00E+00	0.00E+00	7.11E-06	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00
4056	462494.37	3773312.74	4.62E-05	0.00E+00	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00
4057	462490.73	3773304.14	4.59E-05	0.00E+00	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00
4058	462487.1	3773295.53	4.56E-05	0.00E+00	0.00E+00	0.00E+00	6.97E-06	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00
4059	462483.46	3773286.93	4.51E-05	0.00E+00	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00
4060	462479.83	3773278.32	4.46E-05	0.00E+00	0.00E+00	0.00E+00	6.83E-06	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00
4061	462917.47	3773727.8	7.92E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	0.00E+00
4062	462908.85	3773724.25	7.79E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	0.00E+00
4063	462900.22	3773720.7	7.66E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	5.03E-06	0.00E+00	0.00E+00	0.00E+00
4064	462891.59	3773717.15	7.53E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	0.00E+00
4065	462882.97	3773713.6	7.40E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00
4066	462874.34	3773710.05	7.27E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	0.00E+00
4067	462865.72	3773706.5	7.14E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	0.00E+00
4068	462857.09	3773702.95	7.01E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	0.00E+00
4069	462848.46	3773699.4	6.88E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00
4070	462839.84	3773695.85	6.76E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	0.00E+00
4071	462831.21	3773692.3	6.63E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	0.00E+00
4072	462822.58	3773688.75	6.51E-05	0.00E+00	0.00E+00	0.00E+00	9.96E-06	0.00E+00	0.00E+00	0.00E+00	4.27E-06	0.00E+00	0.00E+00	0.00E+00
4073	462813.96	3773685.2	6.38E-05	0.00E+00	0.00E+00	0.00E+00	9.77E-06	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	0.00E+00
4074	462805.33	3773681.65	6.26E-05	0.00E+00	0.00E+00	0.00E+00	9.59E-06	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00
4075	462796.71	3773678.1	6.14E-05	0.00E+00	0.00E+00	0.00E+00	9.40E-06	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	0.00E+00
4076	462788.08	3773674.55	6.02E-05	0.00E+00	0.00E+00	0.00E+00	9.21E-06	0.00E+00	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	0.00E+00

4077	462779.45	3773671	5.90E-05	0.00E+00	0.00E+00	0.00E+00	9.03E-06	0.00E+00	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	0.00E+00
4078	462770.83	3773667.45	5.78E-05	0.00E+00	0.00E+00	0.00E+00	8.85E-06	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00
4079	462762.2	3773663.9	5.66E-05	0.00E+00	0.00E+00	0.00E+00	8.66E-06	0.00E+00	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	0.00E+00
4080	462753.58	3773660.35	5.54E-05	0.00E+00	0.00E+00	0.00E+00	8.48E-06	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	0.00E+00
4081	462744.95	3773656.8	5.42E-05	0.00E+00	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	0.00E+00
4082	462736.32	3773653.25	5.31E-05	0.00E+00	0.00E+00	0.00E+00	8.13E-06	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00
4083	462727.7	3773649.7	5.20E-05	0.00E+00	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00
4084	462719.07	3773646.15	5.09E-05	0.00E+00	0.00E+00	0.00E+00	7.80E-06	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00
4085	462710.45	3773642.6	4.98E-05	0.00E+00	0.00E+00	0.00E+00	7.63E-06	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00
4086	462701.82	3773639.05	4.88E-05	0.00E+00	0.00E+00	0.00E+00	7.47E-06	0.00E+00	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	0.00E+00
4087	462693.19	3773635.5	4.77E-05	0.00E+00	0.00E+00	0.00E+00	7.31E-06	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00
4088	462684.57	3773631.95	4.67E-05	0.00E+00	0.00E+00	0.00E+00	7.15E-06	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00
4089	462675.94	3773628.4	4.57E-05	0.00E+00	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00
4090	462667.31	3773624.85	4.47E-05	0.00E+00	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	0.00E+00
4091	462658.69	3773621.3	4.38E-05	0.00E+00	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00
4092	462650.06	3773617.75	4.28E-05	0.00E+00	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00
4093	462641.44	3773614.2	4.19E-05	0.00E+00	0.00E+00	0.00E+00	6.41E-06	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00
4094	462632.81	3773610.65	4.10E-05	0.00E+00	0.00E+00	0.00E+00	6.27E-06	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00
4095	462606.93	3773600	3.84E-05	0.00E+00	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00
4096	462598.31	3773596.45	3.76E-05	0.00E+00	0.00E+00	0.00E+00	5.76E-06	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	0.00E+00
4097	462589.68	3773592.9	3.69E-05	0.00E+00	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00
4098	462580.45	3773587.92	3.62E-05	0.00E+00	0.00E+00	0.00E+00	5.54E-06	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00
4099	462576.82	3773579.32	3.65E-05	0.00E+00	0.00E+00	0.00E+00	5.59E-06	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00
4100	462573.19	3773570.73	3.68E-05	0.00E+00	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00
4101	462569.56	3773562.14	3.71E-05	0.00E+00	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00
4102	462565.93	3773553.54	3.74E-05	0.00E+00	0.00E+00	0.00E+00	5.72E-06	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00
4103	462562.31	3773544.95	3.77E-05	0.00E+00	0.00E+00	0.00E+00	5.76E-06	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	0.00E+00
4104	462551.42	3773519.17	3.85E-05	0.00E+00	0.00E+00	0.00E+00	5.89E-06	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00
4105	462547.79	3773510.58	3.87E-05	0.00E+00	0.00E+00	0.00E+00	5.93E-06	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00
4106	462544.16	3773501.98	3.90E-05	0.00E+00	0.00E+00	0.00E+00	5.98E-06	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00
4107	462540.53	3773493.39	3.94E-05	0.00E+00	0.00E+00	0.00E+00	6.03E-06	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00
4108	462526.02	3773459.02	4.06E-05	0.00E+00	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00
4109	462522.39	3773450.42	4.08E-05	0.00E+00	0.00E+00	0.00E+00	6.25E-06	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00
4110	462518.76	3773441.83	4.10E-05	0.00E+00	0.00E+00	0.00E+00	6.28E-06	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00
4111	462515.13	3773433.24	4.13E-05	0.00E+00	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00
4112	462511.5	3773424.64	4.15E-05	0.00E+00	0.00E+00	0.00E+00	6.35E-06	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00
4113	462507.88	3773416.05	4.17E-05	0.00E+00	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00
4114	462504.25	3773407.46	4.18E-05	0.00E+00	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00
4115	462500.62	3773398.86	4.18E-05	0.00E+00	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00
4116	462496.99	3773390.27	4.19E-05	0.00E+00	0.00E+00	0.00E+00	6.41E-06	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00
4117	462493.36	3773381.68	4.19E-05	0.00E+00	0.00E+00	0.00E+00	6.41E-06	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00
4118	462489.73	3773373.08	4.19E-05	0.00E+00	0.00E+00	0.00E+00	6.41E-06	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00
4119	462486.1	3773364.49	4.19E-05	0.00E+00	0.00E+00	0.00E+00	6.41E-06	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00
4120	462482.47	3773355.9	4.18E-05	0.00E+00	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00
4121	462478.85	3773347.3	4.17E-05	0.00E+00	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00
4122	462475.22	3773338.71	4.15E-05	0.00E+00	0.00E+00	0.00E+00	6.35E-06	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00
4123	462471.59	3773330.12	4.12E-05	0.00E+00	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00
4124	462467.96	3773321.52	4.09E-05	0.00E+00	0.00E+00	0.00E+00	6.27E-06	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00

4125	462464.33	3773312.93	4.07E-05	0.00E+00	0.00E+00	0.00E+00	6.22E-06	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00
4126	462460.7	3773304.34	4.03E-05	0.00E+00	0.00E+00	0.00E+00	6.17E-06	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00
4127	462457.07	3773295.74	3.99E-05	0.00E+00	0.00E+00	0.00E+00	6.11E-06	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00
4128	462453.44	3773287.15	3.97E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00
4129	462449.82	3773278.56	3.93E-05	0.00E+00	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00
4130	462917.47	3773757.8	7.06E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	0.00E+00
4131	462908.82	3773754.24	6.95E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	0.00E+00
4132	462900.17	3773750.68	6.85E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.49E-06	0.00E+00	0.00E+00	0.00E+00
4133	462891.52	3773747.12	6.74E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	0.00E+00
4134	462882.87	3773743.56	6.63E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	0.00E+00
4135	462874.22	3773740	6.52E-05	0.00E+00	0.00E+00	0.00E+00	9.98E-06	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	0.00E+00
4136	462865.57	3773736.44	6.40E-05	0.00E+00	0.00E+00	0.00E+00	9.80E-06	0.00E+00	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	0.00E+00
4137	462856.92	3773732.88	6.29E-05	0.00E+00	0.00E+00	0.00E+00	9.63E-06	0.00E+00	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	0.00E+00
4138	462848.27	3773729.32	6.19E-05	0.00E+00	0.00E+00	0.00E+00	9.47E-06	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00
4139	462839.62	3773725.76	6.08E-05	0.00E+00	0.00E+00	0.00E+00	9.31E-06	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00
4140	462830.97	3773722.2	5.98E-05	0.00E+00	0.00E+00	0.00E+00	9.16E-06	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00
4141	462822.32	3773718.64	5.88E-05	0.00E+00	0.00E+00	0.00E+00	9.01E-06	0.00E+00	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	0.00E+00
4142	462813.67	3773715.08	5.78E-05	0.00E+00	0.00E+00	0.00E+00	8.85E-06	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00
4143	462805.02	3773711.52	5.68E-05	0.00E+00	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00
4144	462796.37	3773707.96	5.58E-05	0.00E+00	0.00E+00	0.00E+00	8.54E-06	0.00E+00	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00
4145	462787.72	3773704.4	5.47E-05	0.00E+00	0.00E+00	0.00E+00	8.38E-06	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00
4146	462779.07	3773700.84	5.37E-05	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00
4147	462770.42	3773697.28	5.26E-05	0.00E+00	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	0.00E+00
4148	462761.77	3773693.72	5.16E-05	0.00E+00	0.00E+00	0.00E+00	7.91E-06	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00
4149	462753.12	3773690.16	5.07E-05	0.00E+00	0.00E+00	0.00E+00	7.76E-06	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00
4150	462744.47	3773686.6	4.97E-05	0.00E+00	0.00E+00	0.00E+00	7.61E-06	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00
4151	462735.82	3773683.04	4.88E-05	0.00E+00	0.00E+00	0.00E+00	7.46E-06	0.00E+00	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	0.00E+00
4152	462727.17	3773679.48	4.78E-05	0.00E+00	0.00E+00	0.00E+00	7.31E-06	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00
4153	462718.52	3773675.92	4.68E-05	0.00E+00	0.00E+00	0.00E+00	7.17E-06	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00
4154	462709.87	3773672.36	4.59E-05	0.00E+00	0.00E+00	0.00E+00	7.02E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00
4155	462701.22	3773668.8	4.49E-05	0.00E+00	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00
4156	462692.57	3773665.24	4.40E-05	0.00E+00	0.00E+00	0.00E+00	6.74E-06	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00
4157	462683.92	3773661.68	4.31E-05	0.00E+00	0.00E+00	0.00E+00	6.60E-06	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00
4158	462675.27	3773658.12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
4159	462666.62	3773654.56	4.13E-05	0.00E+00	0.00E+00	0.00E+00	6.33E-06	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00
4160	462657.97	3773651	4.05E-05	0.00E+00	0.00E+00	0.00E+00	6.20E-06	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00
4161	462649.32	3773647.44	3.97E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00
4162	462640.67	3773643.88	3.89E-05	0.00E+00	0.00E+00	0.00E+00	5.95E-06	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00
4163	462632.02	3773640.32	3.81E-05	0.00E+00	0.00E+00	0.00E+00	5.83E-06	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00
4164	462606.07	3773629.64	3.59E-05	0.00E+00	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00
4165	462597.42	3773626.08	3.52E-05	0.00E+00	0.00E+00	0.00E+00	5.39E-06	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00
4166	462588.77	3773622.52	3.45E-05	0.00E+00	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00
4167	462580.12	3773618.97	3.38E-05	0.00E+00	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
4168	462571.47	3773615.41	3.32E-05	0.00E+00	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
4169	462562.82	3773611.85	3.26E-05	0.00E+00	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
4170	462556.91	3773603.48	3.25E-05	0.00E+00	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00
4171	462553.27	3773594.86	3.27E-05	0.00E+00	0.00E+00	0.00E+00	5.01E-06	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00
4172	462549.63	3773586.24	3.30E-05	0.00E+00	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00

4173	462545.99	3773577.63	3.33E-05	0.00E+00	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
4174	462542.35	3773569.01	3.35E-05	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00
4175	462538.71	3773560.39	3.37E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
4176	462520.52	3773517.31	3.49E-05	0.00E+00	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00
4177	462516.88	3773508.69	3.52E-05	0.00E+00	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00
4178	462513.24	3773500.07	3.54E-05	0.00E+00	0.00E+00	0.00E+00	5.42E-06	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00
4179	462509.6	3773491.46	3.57E-05	0.00E+00	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00
4180	462495.05	3773456.99	3.66E-05	0.00E+00	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00
4181	462491.41	3773448.37	3.68E-05	0.00E+00	0.00E+00	0.00E+00	5.63E-06	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00
4182	462487.77	3773439.75	3.70E-05	0.00E+00	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00
4183	462484.13	3773431.14	3.72E-05	0.00E+00	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00
4184	462480.49	3773422.52	3.73E-05	0.00E+00	0.00E+00	0.00E+00	5.71E-06	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00
4185	462476.85	3773413.9	3.74E-05	0.00E+00	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00
4186	462473.22	3773405.29	3.75E-05	0.00E+00	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00
4187	462469.58	3773396.67	3.75E-05	0.00E+00	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00
4188	462465.94	3773388.05	3.74E-05	0.00E+00	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00
4189	462462.3	3773379.44	3.74E-05	0.00E+00	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00
4190	462458.66	3773370.82	3.74E-05	0.00E+00	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00
4191	462455.02	3773362.2	3.73E-05	0.00E+00	0.00E+00	0.00E+00	5.71E-06	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00
4192	462451.38	3773353.58	3.72E-05	0.00E+00	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00
4193	462447.74	3773344.97	3.70E-05	0.00E+00	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00
4194	462444.11	3773336.35	3.68E-05	0.00E+00	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00
4195	462440.47	3773327.73	3.66E-05	0.00E+00	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00
4196	462436.83	3773319.12	3.64E-05	0.00E+00	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	0.00E+00
4197	462433.19	3773310.5	3.61E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00
4198	462429.55	3773301.88	3.58E-05	0.00E+00	0.00E+00	0.00E+00	5.48E-06	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00
4199	462425.91	3773293.26	3.55E-05	0.00E+00	0.00E+00	0.00E+00	5.43E-06	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00
4200	462422.27	3773284.65	3.52E-05	0.00E+00	0.00E+00	0.00E+00	5.39E-06	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00
4201	462418.63	3773276.03	3.50E-05	0.00E+00	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00
4202	462917.47	3773787.8	6.33E-05	0.00E+00	0.00E+00	0.00E+00	9.69E-06	0.00E+00	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	0.00E+00
4203	462908.83	3773784.24	6.23E-05	0.00E+00	0.00E+00	0.00E+00	9.54E-06	0.00E+00	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	0.00E+00
4204	462900.19	3773780.69	6.14E-05	0.00E+00	0.00E+00	0.00E+00	9.40E-06	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	0.00E+00
4205	462891.56	3773777.13	6.05E-05	0.00E+00	0.00E+00	0.00E+00	9.26E-06	0.00E+00	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	0.00E+00
4206	462882.92	3773773.58	5.96E-05	0.00E+00	0.00E+00	0.00E+00	9.12E-06	0.00E+00	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00
4207	462874.28	3773770.02	5.87E-05	0.00E+00	0.00E+00	0.00E+00	8.98E-06	0.00E+00	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	0.00E+00
4208	462865.64	3773766.47	5.78E-05	0.00E+00	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00
4209	462857	3773762.91	5.68E-05	0.00E+00	0.00E+00	0.00E+00	8.70E-06	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00
4210	462848.36	3773759.36	5.59E-05	0.00E+00	0.00E+00	0.00E+00	8.56E-06	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00
4211	462839.72	3773755.8	5.50E-05	0.00E+00	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00
4212	462831.09	3773752.25	5.41E-05	0.00E+00	0.00E+00	0.00E+00	8.29E-06	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00
4213	462822.45	3773748.69	5.32E-05	0.00E+00	0.00E+00	0.00E+00	8.15E-06	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00
4214	462813.81	3773745.14	5.24E-05	0.00E+00	0.00E+00	0.00E+00	8.02E-06	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00
4215	462805.17	3773741.58	5.16E-05	0.00E+00	0.00E+00	0.00E+00	7.89E-06	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	0.00E+00
4216	462796.53	3773738.03	5.07E-05	0.00E+00	0.00E+00	0.00E+00	7.77E-06	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00
4217	462787.89	3773734.47	4.99E-05	0.00E+00	0.00E+00	0.00E+00	7.64E-06	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00
4218	462779.26	3773730.92	4.90E-05	0.00E+00	0.00E+00	0.00E+00	7.51E-06	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00
4219	462770.62	3773727.36	4.82E-05	0.00E+00	0.00E+00	0.00E+00	7.37E-06	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	0.00E+00
4220	462761.98	3773723.81	4.73E-05	0.00E+00	0.00E+00	0.00E+00	7.24E-06	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00

4221	462753.34	3773720.25	4.64E-05	0.00E+00	0.00E+00	0.00E+00	7.10E-06	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00
4222	462744.7	3773716.7	4.56E-05	0.00E+00	0.00E+00	0.00E+00	6.98E-06	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00
4223	462736.06	3773713.14	4.48E-05	0.00E+00	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	0.00E+00
4224	462727.43	3773709.59	4.40E-05	0.00E+00	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00
4225	462718.79	3773706.03	4.32E-05	0.00E+00	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00
4226	462710.15	3773702.48	4.24E-05	0.00E+00	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00
4227	462701.51	3773698.92	4.16E-05	0.00E+00	0.00E+00	0.00E+00	6.37E-06	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00
4228	462692.87	3773695.37	4.09E-05	0.00E+00	0.00E+00	0.00E+00	6.25E-06	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00
4229	462684.23	3773691.81	4.01E-05	0.00E+00	0.00E+00	0.00E+00	6.14E-06	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00
4230	462675.6	3773688.26	3.93E-05	0.00E+00	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00
4231	462666.96	3773684.7	3.86E-05	0.00E+00	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00
4232	462658.32	3773681.15	3.78E-05	0.00E+00	0.00E+00	0.00E+00	5.79E-06	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00
4233	462649.68	3773677.59	3.71E-05	0.00E+00	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00
4234	462641.04	3773674.04	3.64E-05	0.00E+00	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	0.00E+00
4235	462632.4	3773670.48	3.57E-05	0.00E+00	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00
4236	462606.49	3773659.82	3.36E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
4237	462597.85	3773656.26	3.30E-05	0.00E+00	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00
4238	462589.21	3773652.71	3.24E-05	0.00E+00	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00
4239	462580.57	3773649.15	3.18E-05	0.00E+00	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00
4240	462571.94	3773645.6	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
4241	462563.3	3773642.04	3.06E-05	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
4242	462554.66	3773638.49	3.01E-05	0.00E+00	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00
4243	462546.02	3773634.93	2.96E-05	0.00E+00	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
4244	462538.22	3773630.53	2.92E-05	0.00E+00	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00
4245	462520.05	3773587.51	3.01E-05	0.00E+00	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00
4246	462516.41	3773578.9	3.03E-05	0.00E+00	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
4247	462512.78	3773570.3	3.05E-05	0.00E+00	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
4248	462509.15	3773561.69	3.07E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00
4249	462505.51	3773553.08	3.09E-05	0.00E+00	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00
4250	462501.88	3773544.48	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
4251	462490.98	3773518.66	3.18E-05	0.00E+00	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
4252	462487.34	3773510.06	3.20E-05	0.00E+00	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00
4253	462483.71	3773501.45	3.22E-05	0.00E+00	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00
4254	462480.07	3773492.85	3.25E-05	0.00E+00	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00
4255	462465.54	3773458.42	3.32E-05	0.00E+00	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
4256	462461.91	3773449.82	3.33E-05	0.00E+00	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
4257	462458.27	3773441.21	3.34E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
4258	462454.64	3773432.61	3.36E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-06	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00
4259	462451	3773424	3.36E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
4260	462447.37	3773415.4	3.37E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
4261	462443.74	3773406.79	3.37E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
4262	462440.1	3773398.19	3.37E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
4263	462436.47	3773389.58	3.37E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
4264	462432.83	3773380.97	3.36E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
4265	462429.2	3773372.37	3.35E-05	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00
4266	462425.57	3773363.76	3.34E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
4267	462421.93	3773355.16	3.33E-05	0.00E+00	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
4268	462418.3	3773346.55	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00

4269	462414.67	3773337.95	3.30E-05	0.00E+00	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
4270	462411.03	3773329.34	3.29E-05	0.00E+00	0.00E+00	0.00E+00	5.03E-06	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00
4271	462407.4	3773320.74	3.26E-05	0.00E+00	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
4272	462403.76	3773312.13	3.24E-05	0.00E+00	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00
4273	462400.13	3773303.52	3.21E-05	0.00E+00	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00
4274	462396.5	3773294.92	3.19E-05	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
4275	462917.47	3773817.8	5.72E-05	0.00E+00	0.00E+00	0.00E+00	8.75E-06	0.00E+00	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	0.00E+00
4276	462908.84	3773814.25	5.64E-05	0.00E+00	0.00E+00	0.00E+00	8.64E-06	0.00E+00	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	0.00E+00
4277	462900.22	3773810.7	5.56E-05	0.00E+00	0.00E+00	0.00E+00	8.52E-06	0.00E+00	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	0.00E+00
4278	462891.59	3773807.15	5.49E-05	0.00E+00	0.00E+00	0.00E+00	8.40E-06	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	0.00E+00
4279	462882.96	3773803.6	5.41E-05	0.00E+00	0.00E+00	0.00E+00	8.28E-06	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00
4280	462874.33	3773800.04	5.33E-05	0.00E+00	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00
4281	462865.7	3773796.49	5.25E-05	0.00E+00	0.00E+00	0.00E+00	8.04E-06	0.00E+00	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	0.00E+00
4282	462857.08	3773792.94	5.17E-05	0.00E+00	0.00E+00	0.00E+00	7.92E-06	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	0.00E+00
4283	462848.45	3773789.39	5.10E-05	0.00E+00	0.00E+00	0.00E+00	7.80E-06	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	0.00E+00
4284	462839.82	3773785.84	5.02E-05	0.00E+00	0.00E+00	0.00E+00	7.68E-06	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00
4285	462831.19	3773782.29	4.94E-05	0.00E+00	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00
4286	462822.56	3773778.74	4.87E-05	0.00E+00	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	0.00E+00
4287	462813.94	3773775.19	4.80E-05	0.00E+00	0.00E+00	0.00E+00	7.34E-06	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00
4288	462805.31	3773771.64	4.72E-05	0.00E+00	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00
4289	462796.68	3773768.09	4.65E-05	0.00E+00	0.00E+00	0.00E+00	7.12E-06	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00
4290	462788.05	3773764.54	4.58E-05	0.00E+00	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00
4291	462779.42	3773760.99	4.50E-05	0.00E+00	0.00E+00	0.00E+00	6.89E-06	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00
4292	462770.8	3773757.43	4.43E-05	0.00E+00	0.00E+00	0.00E+00	6.78E-06	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00
4293	462762.17	3773753.88	4.36E-05	0.00E+00	0.00E+00	0.00E+00	6.67E-06	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00
4294	462753.54	3773750.33	4.29E-05	0.00E+00	0.00E+00	0.00E+00	6.56E-06	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00
4295	462744.91	3773746.78	4.22E-05	0.00E+00	0.00E+00	0.00E+00	6.45E-06	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
4296	462736.28	3773743.23	4.14E-05	0.00E+00	0.00E+00	0.00E+00	6.34E-06	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00
4297	462727.65	3773739.68	4.07E-05	0.00E+00	0.00E+00	0.00E+00	6.24E-06	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00
4298	462719.03	3773736.13	4.00E-05	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00
4299	462710.4	3773732.58	3.93E-05	0.00E+00	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00
4300	462701.77	3773729.03	3.86E-05	0.00E+00	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00
4301	462693.14	3773725.48	3.80E-05	0.00E+00	0.00E+00	0.00E+00	5.81E-06	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00
4302	462684.51	3773721.93	3.73E-05	0.00E+00	0.00E+00	0.00E+00	5.71E-06	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00
4303	462675.89	3773718.38	3.66E-05	0.00E+00	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00
4304	462667.26	3773714.83	3.59E-05	0.00E+00	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00
4305	462658.63	3773711.27	3.53E-05	0.00E+00	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00
4306	462650	3773707.72	3.47E-05	0.00E+00	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00
4307	462641.37	3773704.17	3.41E-05	0.00E+00	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00
4308	462632.75	3773700.62	3.34E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
4309	462606.86	3773689.97	3.17E-05	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00
4310	462598.23	3773686.42	3.11E-05	0.00E+00	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
4311	462589.61	3773682.87	3.06E-05	0.00E+00	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
4312	462580.98	3773679.32	3.00E-05	0.00E+00	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
4313	462572.35	3773675.77	2.95E-05	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
4314	462563.72	3773672.22	2.89E-05	0.00E+00	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00
4315	462555.09	3773668.67	2.84E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
4316	462546.47	3773665.11	2.79E-05	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00

4317	462537.84	3773661.56	2.75E-05	0.00E+00	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
4318	462529.21	3773658.01	2.70E-05	0.00E+00	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
4319	462520.58	3773654.46	2.66E-05	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
4320	462514.68	3773646.12	2.66E-05	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
4321	462511.05	3773637.52	2.67E-05	0.00E+00	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00
4322	462507.42	3773628.93	2.69E-05	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
4323	462500.16	3773611.74	2.72E-05	0.00E+00	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
4324	462496.53	3773603.14	2.74E-05	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
4325	462492.9	3773594.54	2.76E-05	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00
4326	462489.27	3773585.95	2.77E-05	0.00E+00	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
4327	462485.64	3773577.35	2.79E-05	0.00E+00	0.00E+00	0.00E+00	4.27E-06	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00
4328	462482.02	3773568.76	2.80E-05	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00
4329	462478.39	3773560.16	2.82E-05	0.00E+00	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
4330	462474.76	3773551.57	2.85E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
4331	462471.13	3773542.97	2.87E-05	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00
4332	462460.24	3773517.19	2.92E-05	0.00E+00	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00
4333	462456.61	3773508.59	2.93E-05	0.00E+00	0.00E+00	0.00E+00	4.49E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
4334	462452.98	3773500	2.95E-05	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
4335	462449.35	3773491.4	2.97E-05	0.00E+00	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
4336	462434.83	3773457.02	3.02E-05	0.00E+00	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00
4337	462431.2	3773448.43	3.03E-05	0.00E+00	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
4338	462427.57	3773439.83	3.04E-05	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
4339	462423.94	3773431.24	3.04E-05	0.00E+00	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
4340	462420.31	3773422.64	3.04E-05	0.00E+00	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
4341	462416.68	3773414.04	3.05E-05	0.00E+00	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
4342	462413.05	3773405.45	3.05E-05	0.00E+00	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
4343	462409.43	3773396.85	3.05E-05	0.00E+00	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
4344	462405.8	3773388.26	3.05E-05	0.00E+00	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
4345	462402.17	3773379.66	3.04E-05	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
4346	462398.54	3773371.07	3.03E-05	0.00E+00	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
4347	462917.47	3773847.8	5.19E-05	0.00E+00	0.00E+00	0.00E+00	7.95E-06	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00
4348	462908.82	3773844.24	5.12E-05	0.00E+00	0.00E+00	0.00E+00	7.84E-06	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	0.00E+00
4349	462900.17	3773840.68	5.05E-05	0.00E+00	0.00E+00	0.00E+00	7.74E-06	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	0.00E+00
4350	462891.52	3773837.12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	7.63E-06	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00
4351	462882.88	3773833.56	4.92E-05	0.00E+00	0.00E+00	0.00E+00	7.53E-06	0.00E+00	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	0.00E+00
4352	462874.23	3773830	4.85E-05	0.00E+00	0.00E+00	0.00E+00	7.43E-06	0.00E+00	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	0.00E+00
4353	462865.58	3773826.44	4.79E-05	0.00E+00	0.00E+00	0.00E+00	7.33E-06	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00
4354	462856.93	3773822.88	4.72E-05	0.00E+00	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00
4355	462848.28	3773819.32	4.66E-05	0.00E+00	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	0.00E+00
4356	462839.63	3773815.77	4.59E-05	0.00E+00	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00
4357	462830.99	3773812.21	4.52E-05	0.00E+00	0.00E+00	0.00E+00	6.92E-06	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00
4358	462822.34	3773808.65	4.45E-05	0.00E+00	0.00E+00	0.00E+00	6.81E-06	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	0.00E+00
4359	462813.69	3773805.09	4.39E-05	0.00E+00	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00
4360	462805.04	3773801.53	4.33E-05	0.00E+00	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00
4361	462796.39	3773797.97	4.26E-05	0.00E+00	0.00E+00	0.00E+00	6.53E-06	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00
4362	462787.75	3773794.41	4.20E-05	0.00E+00	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00
4363	462779.1	3773790.85	4.14E-05	0.00E+00	0.00E+00	0.00E+00	6.34E-06	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00
4364	462770.45	3773787.29	4.08E-05	0.00E+00	0.00E+00	0.00E+00	6.25E-06	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00

4365	462761.8	3773783.73	4.02E-05	0.00E+00	0.00E+00	0.00E+00	6.16E-06	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00
4366	462753.15	3773780.17	3.97E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00
4367	462744.5	3773776.62	3.91E-05	0.00E+00	0.00E+00	0.00E+00	5.98E-06	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00
4368	462735.86	3773773.06	3.84E-05	0.00E+00	0.00E+00	0.00E+00	5.89E-06	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00
4369	462727.21	3773769.5	3.78E-05	0.00E+00	0.00E+00	0.00E+00	5.79E-06	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00
4370	462718.56	3773765.94	3.72E-05	0.00E+00	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00
4371	462709.91	3773762.38	3.66E-05	0.00E+00	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00
4372	462701.26	3773758.82	3.60E-05	0.00E+00	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00
4373	462692.62	3773755.26	3.54E-05	0.00E+00	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00
4374	462683.97	3773751.7	3.48E-05	0.00E+00	0.00E+00	0.00E+00	5.33E-06	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00
4375	462675.32	3773748.14	3.42E-05	0.00E+00	0.00E+00	0.00E+00	5.24E-06	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00
4376	462666.67	3773744.58	3.37E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
4377	462658.02	3773741.02	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
4378	462649.37	3773737.47	3.25E-05	0.00E+00	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00
4379	462640.73	3773733.91	3.19E-05	0.00E+00	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00
4380	462632.08	3773730.35	3.14E-05	0.00E+00	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00
4381	462606.13	3773719.67	2.98E-05	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
4382	462597.49	3773716.11	2.92E-05	0.00E+00	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00
4383	462588.84	3773712.55	2.88E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
4384	462580.19	3773708.99	2.83E-05	0.00E+00	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
4385	462571.54	3773705.43	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
4386	462562.89	3773701.87	2.73E-05	0.00E+00	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00
4387	462554.24	3773698.32	2.69E-05	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
4388	462545.6	3773694.76	2.64E-05	0.00E+00	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
4389	462536.95	3773691.2	2.60E-05	0.00E+00	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00
4390	462528.3	3773687.64	2.56E-05	0.00E+00	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00
4391	462519.65	3773684.08	2.52E-05	0.00E+00	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00
4392	462511	3773680.52	2.48E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
4393	462502.35	3773676.96	2.43E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
4394	462494.77	3773670.28	2.41E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
4395	462491.13	3773661.67	2.43E-05	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
4396	462487.49	3773653.05	2.44E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
4397	462483.86	3773644.44	2.46E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
4398	462480.22	3773635.82	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
4399	462476.58	3773627.2	2.48E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00
4400	462469.3	3773609.97	2.52E-05	0.00E+00	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00
4401	462465.67	3773601.36	2.53E-05	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00
4402	462462.03	3773592.74	2.55E-05	0.00E+00	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
4403	462458.39	3773584.13	2.56E-05	0.00E+00	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00
4404	462454.75	3773575.51	2.58E-05	0.00E+00	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00
4405	462451.11	3773566.9	2.59E-05	0.00E+00	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00
4406	462447.48	3773558.28	2.61E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00
4407	462443.84	3773549.67	2.63E-05	0.00E+00	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00
4408	462440.2	3773541.05	2.65E-05	0.00E+00	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
4409	462432.92	3773523.82	2.68E-05	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
4410	462429.29	3773515.21	2.69E-05	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
4411	462425.65	3773506.59	2.70E-05	0.00E+00	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
4412	462422.01	3773497.97	2.71E-05	0.00E+00	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00

4413	462418.37	3773489.36	2.72E-05	0.00E+00	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00
4414	462403.82	3773454.9	2.76E-05	0.00E+00	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00
4415	462400.18	3773446.28	2.77E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
4416	462917.47	3773887.8	4.61E-05	0.00E+00	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00
4417	462908.84	3773884.24	4.55E-05	0.00E+00	0.00E+00	0.00E+00	6.97E-06	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00
4418	462900.2	3773880.69	4.50E-05	0.00E+00	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00
4419	462891.56	3773877.14	4.44E-05	0.00E+00	0.00E+00	0.00E+00	6.80E-06	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00
4420	462882.93	3773873.58	4.39E-05	0.00E+00	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00
4421	462874.29	3773870.03	4.33E-05	0.00E+00	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00
4422	462865.66	3773866.48	4.28E-05	0.00E+00	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00
4423	462857.02	3773862.92	4.22E-05	0.00E+00	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
4424	462848.39	3773859.37	4.17E-05	0.00E+00	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00
4425	462839.75	3773855.81	4.11E-05	0.00E+00	0.00E+00	0.00E+00	6.29E-06	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00
4426	462831.12	3773852.26	4.05E-05	0.00E+00	0.00E+00	0.00E+00	6.20E-06	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00
4427	462822.48	3773848.71	4.00E-05	0.00E+00	0.00E+00	0.00E+00	6.12E-06	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00
4428	462813.85	3773845.15	3.94E-05	0.00E+00	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00
4429	462805.21	3773841.6	3.89E-05	0.00E+00	0.00E+00	0.00E+00	5.96E-06	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00
4430	462796.58	3773838.05	3.84E-05	0.00E+00	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00
4431	462787.94	3773834.49	3.79E-05	0.00E+00	0.00E+00	0.00E+00	5.80E-06	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00
4432	462779.31	3773830.94	3.74E-05	0.00E+00	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00
4433	462770.67	3773827.38	3.69E-05	0.00E+00	0.00E+00	0.00E+00	5.65E-06	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00
4434	462762.04	3773823.83	3.64E-05	0.00E+00	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	0.00E+00
4435	462753.4	3773820.28	3.59E-05	0.00E+00	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00
4436	462744.76	3773816.72	3.54E-05	0.00E+00	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00
4437	462736.13	3773813.17	3.48E-05	0.00E+00	0.00E+00	0.00E+00	5.33E-06	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00
4438	462727.49	3773809.61	3.44E-05	0.00E+00	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00
4439	462718.86	3773806.06	3.38E-05	0.00E+00	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
4440	462710.22	3773802.51	3.34E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
4441	462701.59	3773798.95	3.29E-05	0.00E+00	0.00E+00	0.00E+00	5.03E-06	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00
4442	462692.95	3773795.4	3.24E-05	0.00E+00	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00
4443	462684.32	3773791.85	3.19E-05	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
4444	462675.68	3773788.29	3.14E-05	0.00E+00	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00
4445	462667.05	3773784.74	3.09E-05	0.00E+00	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00
4446	462658.41	3773781.18	3.04E-05	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
4447	462649.78	3773777.63	2.99E-05	0.00E+00	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00
4448	462641.14	3773774.08	2.95E-05	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
4449	462632.51	3773770.52	2.90E-05	0.00E+00	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00
4450	462597.96	3773756.31	2.72E-05	0.00E+00	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00
4451	462589.33	3773752.75	2.68E-05	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
4452	462580.69	3773749.2	2.63E-05	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00
4453	462572.06	3773745.65	2.59E-05	0.00E+00	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00
4454	462563.42	3773742.09	2.55E-05	0.00E+00	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
4455	462554.79	3773738.54	2.51E-05	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00
4456	462546.15	3773734.99	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
4457	462537.52	3773731.43	2.43E-05	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
4458	462528.88	3773727.88	2.39E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
4459	462520.25	3773724.32	2.35E-05	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
4460	462511.61	3773720.77	2.32E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00

4461	462502.98	3773717.22	2.28E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
4462	462494.34	3773713.66	2.25E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
4463	462485.71	3773710.11	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
4464	462477.07	3773706.56	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
4465	462467.83	3773701.57	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
4466	462464.2	3773692.97	2.16E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
4467	462460.56	3773684.36	2.17E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
4468	462456.93	3773675.76	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
4469	462453.3	3773667.16	2.20E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00
4470	462449.67	3773658.56	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
4471	462446.03	3773649.95	2.22E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
4472	462442.4	3773641.35	2.23E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
4473	462438.77	3773632.75	2.24E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
4474	462427.87	3773606.94	2.28E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
4475	462424.24	3773598.34	2.30E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00
4476	462420.61	3773589.74	2.31E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
4477	462416.97	3773581.13	2.32E-05	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
4478	462413.34	3773572.53	2.34E-05	0.00E+00	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
4479	462409.71	3773563.93	2.35E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
4480	462406.08	3773555.33	2.36E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
4481	462402.44	3773546.72	2.37E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	0.00E+00
4482	462398.81	3773538.12	2.38E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	0.00E+00
4483	462917.47	3773927.8	4.13E-05	0.00E+00	0.00E+00	0.00E+00	6.33E-06	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00
4484	462908.82	3773924.24	4.08E-05	0.00E+00	0.00E+00	0.00E+00	6.25E-06	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00
4485	462900.17	3773920.68	4.03E-05	0.00E+00	0.00E+00	0.00E+00	6.18E-06	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00
4486	462891.52	3773917.12	3.99E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-06	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00
4487	462882.87	3773913.56	3.94E-05	0.00E+00	0.00E+00	0.00E+00	6.03E-06	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00
4488	462874.22	3773910	3.89E-05	0.00E+00	0.00E+00	0.00E+00	5.95E-06	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00
4489	462865.57	3773906.44	3.84E-05	0.00E+00	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00
4490	462856.92	3773902.88	3.79E-05	0.00E+00	0.00E+00	0.00E+00	5.81E-06	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00
4491	462848.27	3773899.32	3.75E-05	0.00E+00	0.00E+00	0.00E+00	5.74E-06	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00
4492	462839.62	3773895.76	3.70E-05	0.00E+00	0.00E+00	0.00E+00	5.67E-06	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00
4493	462830.97	3773892.2	3.66E-05	0.00E+00	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00
4494	462822.32	3773888.64	3.61E-05	0.00E+00	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00
4495	462813.67	3773885.08	3.56E-05	0.00E+00	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00
4496	462805.02	3773881.52	3.52E-05	0.00E+00	0.00E+00	0.00E+00	5.39E-06	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00
4497	462796.37	3773877.96	3.48E-05	0.00E+00	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00
4498	462787.72	3773874.4	3.43E-05	0.00E+00	0.00E+00	0.00E+00	5.25E-06	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00
4499	462779.07	3773870.84	3.39E-05	0.00E+00	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
4500	462770.42	3773867.28	3.34E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
4501	462761.77	3773863.72	3.30E-05	0.00E+00	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
4502	462753.12	3773860.16	3.26E-05	0.00E+00	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
4503	462744.47	3773856.6	3.22E-05	0.00E+00	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00
4504	462735.82	3773853.04	3.18E-05	0.00E+00	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
4505	462727.17	3773849.48	3.14E-05	0.00E+00	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00
4506	462718.52	3773845.92	3.10E-05	0.00E+00	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00
4507	462709.87	3773842.36	3.06E-05	0.00E+00	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
4508	462701.22	3773838.8	3.02E-05	0.00E+00	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00

4509	462692.57	3773835.24	2.98E-05	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
4510	462683.92	3773831.68	2.94E-05	0.00E+00	0.00E+00	0.00E+00	4.49E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
4511	462675.27	3773828.12	2.89E-05	0.00E+00	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00
4512	462666.62	3773824.56	2.85E-05	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
4513	462657.97	3773821	2.81E-05	0.00E+00	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00
4514	462649.32	3773817.44	2.77E-05	0.00E+00	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
4515	462640.67	3773813.88	2.73E-05	0.00E+00	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00
4516	462632.02	3773810.32	2.69E-05	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
4517	462606.07	3773799.64	2.57E-05	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00
4518	462597.42	3773796.08	2.53E-05	0.00E+00	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00
4519	462588.77	3773792.52	2.49E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
4520	462580.12	3773788.97	2.45E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
4521	462571.47	3773785.41	2.42E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
4522	462562.82	3773781.85	2.38E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	0.00E+00
4523	462554.17	3773778.29	2.34E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
4524	462545.52	3773774.73	2.31E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00
4525	462536.87	3773771.17	2.27E-05	0.00E+00	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	0.00E+00
4526	462502.27	3773756.93	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
4527	462493.62	3773753.37	2.11E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
4528	462484.97	3773749.81	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
4529	462476.32	3773746.25	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
4530	462467.67	3773742.69	2.02E-05	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
4531	462459.02	3773739.13	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
4532	462450.37	3773735.57	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
4533	462441.72	3773732.01	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
4534	462436.64	3773722.8	1.95E-05	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
4535	462433	3773714.18	1.96E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
4536	462429.36	3773705.56	1.96E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
4537	462425.73	3773696.95	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
4538	462422.09	3773688.33	1.98E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
4539	462418.45	3773679.71	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
4540	462414.81	3773671.1	2.00E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
4541	462411.17	3773662.48	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
4542	462407.53	3773653.86	2.03E-05	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
4543	462403.89	3773645.24	2.04E-05	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
4544	462400.25	3773636.63	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
4545	462396.62	3773628.01	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
4546	462385.7	3773602.16	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
4547	462382.06	3773593.54	2.10E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
4548	462378.42	3773584.93	2.11E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	0.00E+00
4549	462374.78	3773576.31	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
4550	462371.14	3773567.69	2.13E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	0.00E+00
4551	462367.51	3773559.07	2.14E-05	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
4552	462363.87	3773550.46	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
4553	462360.23	3773541.84	2.16E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
4554	462356.59	3773533.22	2.17E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
4555	462352.95	3773524.61	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
4556	462349.31	3773515.99	2.19E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00

4557	462345.67	3773507.37	2.20E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00
4558	462342.04	3773498.76	2.20E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
4559	462338.4	3773490.14	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
4560	462917.47	3773967.8	3.73E-05	0.00E+00	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00
4561	462908.83	3773964.24	3.68E-05	0.00E+00	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00
4562	462900.19	3773960.69	3.64E-05	0.00E+00	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	0.00E+00
4563	462891.56	3773957.13	3.60E-05	0.00E+00	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00
4564	462882.92	3773953.58	3.56E-05	0.00E+00	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00
4565	462874.28	3773950.02	3.52E-05	0.00E+00	0.00E+00	0.00E+00	5.39E-06	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00
4566	462865.64	3773946.47	3.48E-05	0.00E+00	0.00E+00	0.00E+00	5.33E-06	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00
4567	462857	3773942.91	3.44E-05	0.00E+00	0.00E+00	0.00E+00	5.27E-06	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00
4568	462848.36	3773939.36	3.40E-05	0.00E+00	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	0.00E+00
4569	462839.72	3773935.8	3.36E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
4570	462831.09	3773932.25	3.32E-05	0.00E+00	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
4571	462822.45	3773928.69	3.28E-05	0.00E+00	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00
4572	462813.81	3773925.14	3.24E-05	0.00E+00	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00
4573	462805.17	3773921.58	3.20E-05	0.00E+00	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00
4574	462796.53	3773918.03	3.17E-05	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00
4575	462787.89	3773914.47	3.13E-05	0.00E+00	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00
4576	462779.26	3773910.92	3.10E-05	0.00E+00	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00
4577	462770.62	3773907.36	3.06E-05	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
4578	462761.98	3773903.81	3.03E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
4579	462753.34	3773900.25	2.99E-05	0.00E+00	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00
4580	462744.7	3773896.7	2.96E-05	0.00E+00	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
4581	462736.06	3773893.14	2.92E-05	0.00E+00	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00
4582	462727.43	3773889.59	2.89E-05	0.00E+00	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
4583	462718.79	3773886.03	2.85E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
4584	462710.15	3773882.48	2.81E-05	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
4585	462701.51	3773878.92	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
4586	462692.87	3773875.37	2.74E-05	0.00E+00	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
4587	462684.23	3773871.81	2.71E-05	0.00E+00	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
4588	462675.6	3773868.26	2.67E-05	0.00E+00	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00
4589	462666.96	3773864.7	2.64E-05	0.00E+00	0.00E+00	0.00E+00	4.04E-06	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00
4590	462658.32	3773861.15	2.60E-05	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00
4591	462649.68	3773857.59	2.57E-05	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00
4592	462641.04	3773854.04	2.53E-05	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00
4593	462632.4	3773850.48	2.50E-05	0.00E+00	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
4594	462606.49	3773839.82	2.40E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
4595	462597.85	3773836.26	2.36E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
4596	462589.21	3773832.71	2.33E-05	0.00E+00	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
4597	462580.57	3773829.15	2.30E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00
4598	462571.94	3773825.6	2.27E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	0.00E+00
4599	462563.3	3773822.04	2.24E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
4600	462554.66	3773818.49	2.20E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
4601	462546.02	3773814.93	2.17E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
4602	462537.38	3773811.38	2.14E-05	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
4603	462528.74	3773807.82	2.11E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
4604	462520.11	3773804.27	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00

4605	462511.47	3773800.71	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
4606	462502.83	3773797.16	2.03E-05	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
4607	462494.19	3773793.6	2.00E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
4608	462485.55	3773790.05	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
4609	462476.91	3773786.49	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
4610	462468.27	3773782.94	1.92E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
4611	462459.64	3773779.38	1.89E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	0.00E+00
4612	462451	3773775.83	1.86E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
4613	462442.36	3773772.27	1.84E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
4614	462409.7	3773754.09	1.76E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
4615	462406.07	3773745.49	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
4616	462402.44	3773736.88	1.78E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
4617	462398.8	3773728.27	1.79E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
4618	462395.17	3773719.67	1.80E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
4619	462391.53	3773711.06	1.80E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
4620	462387.9	3773702.46	1.81E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
4621	462384.27	3773693.85	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
4622	462380.63	3773685.25	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
4623	462377	3773676.64	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
4624	462373.36	3773668.04	1.84E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
4625	462369.73	3773659.43	1.85E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
4626	462366.1	3773650.83	1.86E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
4627	462362.46	3773642.22	1.87E-05	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
4628	462358.83	3773633.61	1.88E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
4629	462355.2	3773625.01	1.89E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	0.00E+00
4630	462351.56	3773616.4	1.90E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
4631	462344.29	3773599.19	1.91E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
4632	462340.66	3773590.59	1.92E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
4633	462337.03	3773581.98	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
4634	462333.39	3773573.38	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
4635	462329.76	3773564.77	1.95E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
4636	462326.12	3773556.16	1.96E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
4637	462322.49	3773547.56	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
4638	462318.86	3773538.95	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
4639	462315.22	3773530.35	1.98E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
4640	462311.59	3773521.74	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
4641	462307.96	3773513.14	2.00E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
4642	462304.32	3773504.53	2.00E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
4643	462300.69	3773495.93	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
4644	462917.47	3774007.8	3.39E-05	0.00E+00	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
4645	462908.82	3774004.24	3.35E-05	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00
4646	462900.17	3774000.68	3.32E-05	0.00E+00	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
4647	462891.51	3773997.12	3.28E-05	0.00E+00	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00
4648	462882.86	3773993.56	3.25E-05	0.00E+00	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00
4649	462874.21	3773989.99	3.21E-05	0.00E+00	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00
4650	462865.56	3773986.43	3.17E-05	0.00E+00	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00
4651	462856.91	3773982.87	3.14E-05	0.00E+00	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00
4652	462848.26	3773979.31	3.10E-05	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00

4653	462839.61	3773975.75	3.07E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
4654	462830.96	3773972.19	3.03E-05	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
4655	462822.3	3773968.63	3.00E-05	0.00E+00	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
4656	462813.65	3773965.07	2.97E-05	0.00E+00	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
4657	462805	3773961.51	2.94E-05	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
4658	462796.35	3773957.95	2.91E-05	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00
4659	462787.7	3773954.39	2.88E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
4660	462779.05	3773950.83	2.84E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
4661	462770.4	3773947.27	2.81E-05	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
4662	462761.74	3773943.71	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
4663	462753.09	3773940.15	2.75E-05	0.00E+00	0.00E+00	0.00E+00	4.21E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
4664	462744.44	3773936.59	2.72E-05	0.00E+00	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
4665	462735.79	3773933.03	2.69E-05	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
4666	462727.14	3773929.47	2.66E-05	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
4667	462718.49	3773925.91	2.63E-05	0.00E+00	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00
4668	462709.84	3773922.35	2.60E-05	0.00E+00	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00
4669	462701.19	3773918.79	2.57E-05	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00
4670	462692.53	3773915.23	2.54E-05	0.00E+00	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
4671	462683.88	3773911.67	2.51E-05	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00
4672	462675.23	3773908.11	2.48E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00
4673	462666.58	3773904.55	2.45E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
4674	462657.93	3773900.99	2.42E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
4675	462649.28	3773897.43	2.40E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
4676	462640.63	3773893.87	2.37E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
4677	462631.97	3773890.31	2.34E-05	0.00E+00	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
4678	462606.02	3773879.62	2.25E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
4679	462597.37	3773876.06	2.22E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
4680	462588.72	3773872.5	2.19E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00
4681	462580.07	3773868.94	2.16E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
4682	462571.42	3773865.38	2.13E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	0.00E+00
4683	462562.76	3773861.82	2.10E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	0.00E+00
4684	462554.11	3773858.26	2.07E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
4685	462545.46	3773854.7	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
4686	462536.81	3773851.14	2.02E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
4687	462528.16	3773847.58	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
4688	462519.51	3773844.02	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
4689	462510.86	3773840.46	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
4690	462502.21	3773836.9	1.91E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
4691	462493.55	3773833.34	1.89E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	0.00E+00
4692	462484.9	3773829.78	1.86E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
4693	462476.25	3773826.22	1.84E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
4694	462467.6	3773822.66	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
4695	462458.95	3773819.1	1.79E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
4696	462450.3	3773815.54	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
4697	462441.65	3773811.98	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
4698	462432.99	3773808.42	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
4699	462424.34	3773804.86	1.70E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
4700	462415.69	3773801.3	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00

4701	462407.04	3773797.74	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
4702	462398.39	3773794.18	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
4703	462389.74	3773790.62	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
4704	462382.15	3773783.93	1.61E-05	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
4705	462378.51	3773775.31	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
4706	462367.59	3773749.46	1.63E-05	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
4707	462363.95	3773740.84	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
4708	462360.32	3773732.22	1.65E-05	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
4709	462356.68	3773723.6	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
4710	462353.04	3773714.99	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
4711	462349.4	3773706.37	1.67E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
4712	462345.76	3773697.75	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
4713	462342.12	3773689.13	1.69E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
4714	462338.48	3773680.51	1.69E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
4715	462334.84	3773671.89	1.70E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
4716	462331.2	3773663.27	1.71E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
4717	462327.56	3773654.66	1.71E-05	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
4718	462323.92	3773646.04	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
4719	462320.28	3773637.42	1.73E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
4720	462316.64	3773628.8	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
4721	462313	3773620.18	1.75E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
4722	462302.09	3773594.33	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
4723	462298.45	3773585.71	1.78E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
4724	462294.81	3773577.09	1.79E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
4725	462291.17	3773568.47	1.79E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
4726	462287.53	3773559.85	1.80E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
4727	462283.89	3773551.24	1.81E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
4728	462280.25	3773542.62	1.81E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
4729	462276.61	3773534	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
4730	462272.97	3773525.38	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
4731	462269.33	3773516.76	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
4732	462265.69	3773508.14	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
4733	462262.05	3773499.53	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
4734	462258.42	3773490.91	1.84E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
4735	462196.55	3773344.39	1.76E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
4736	462192.91	3773335.78	1.75E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
4737	462189.27	3773327.16	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
4738	462900.19	3774040.69	3.04E-05	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
4739	462891.55	3774037.13	3.01E-05	0.00E+00	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
4740	462882.91	3774033.57	2.98E-05	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
4741	462874.27	3774030.02	2.94E-05	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
4742	462865.62	3774026.46	2.91E-05	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00
4743	462856.98	3774022.91	2.88E-05	0.00E+00	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
4744	462848.34	3774019.35	2.85E-05	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
4745	462839.7	3774015.79	2.82E-05	0.00E+00	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
4746	462831.06	3774012.24	2.79E-05	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00
4747	462822.42	3774008.68	2.76E-05	0.00E+00	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00
4748	462813.78	3774005.12	2.74E-05	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00

4749	462805.14	3774001.57	2.71E-05	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
4750	462796.5	3773998.01	2.68E-05	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
4751	462787.86	3773994.46	2.65E-05	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
4752	462779.22	3773990.9	2.62E-05	0.00E+00	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00
4753	462770.58	3773987.34	2.60E-05	0.00E+00	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00
4754	462761.93	3773983.79	2.57E-05	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00
4755	462753.29	3773980.23	2.54E-05	0.00E+00	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
4756	462744.65	3773976.68	2.52E-05	0.00E+00	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00
4757	462736.01	3773973.12	2.49E-05	0.00E+00	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00
4758	462727.37	3773969.56	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
4759	462718.73	3773966.01	2.44E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
4760	462710.09	3773962.45	2.41E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
4761	462701.45	3773958.9	2.39E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
4762	462692.81	3773955.34	2.36E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
4763	462684.17	3773951.78	2.34E-05	0.00E+00	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
4764	462675.53	3773948.23	2.31E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
4765	462666.89	3773944.67	2.29E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
4766	462658.24	3773941.12	2.26E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
4767	462649.6	3773937.56	2.24E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
4768	462640.96	3773934	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
4769	462632.32	3773930.45	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
4770	462606.4	3773919.78	2.11E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	0.00E+00
4771	462597.76	3773916.22	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
4772	462589.12	3773912.67	2.06E-05	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
4773	462580.48	3773909.11	2.03E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
4774	462571.84	3773905.56	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
4775	462563.2	3773902	1.98E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
4776	462554.55	3773898.44	1.96E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
4777	462545.91	3773894.89	1.93E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
4778	462537.27	3773891.33	1.91E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
4779	462528.63	3773887.78	1.89E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	0.00E+00
4780	462519.99	3773884.22	1.86E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
4781	462511.35	3773880.66	1.84E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
4782	462502.71	3773877.11	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
4783	462494.07	3773873.55	1.79E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
4784	462485.43	3773870	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
4785	462476.79	3773866.44	1.75E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
4786	462468.15	3773862.88	1.73E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
4787	462459.51	3773859.33	1.71E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
4788	462450.87	3773855.77	1.69E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
4789	462442.22	3773852.22	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
4790	462433.58	3773848.66	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
4791	462424.94	3773845.1	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
4792	462416.3	3773841.55	1.60E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
4793	462407.66	3773837.99	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
4794	462399.02	3773834.44	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
4795	462390.38	3773830.88	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
4796	462381.74	3773827.32	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00

4797	462373.1	3773823.77	1.51E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00	9.92E-07	0.00E+00	0.00E+00	0.00E+00
4798	462364.46	3773820.21	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00	9.81E-07	0.00E+00	0.00E+00	0.00E+00
4799	462355.21	3773815.22	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00	9.70E-07	0.00E+00	0.00E+00	0.00E+00
4800	462351.58	3773806.61	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	9.73E-07	0.00E+00	0.00E+00	0.00E+00
4801	462347.94	3773798	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00	9.77E-07	0.00E+00	0.00E+00	0.00E+00
4802	462344.31	3773789.4	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00	9.81E-07	0.00E+00	0.00E+00	0.00E+00
4803	462340.67	3773780.79	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00	9.85E-07	0.00E+00	0.00E+00	0.00E+00
4804	462337.04	3773772.18	1.51E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00	9.89E-07	0.00E+00	0.00E+00	0.00E+00
4805	462329.77	3773754.96	1.52E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00	9.96E-07	0.00E+00	0.00E+00	0.00E+00
4806	462326.13	3773746.36	1.52E-05	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00	9.99E-07	0.00E+00	0.00E+00	0.00E+00
4807	462322.5	3773737.75	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00
4808	462318.86	3773729.14	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
4809	462315.23	3773720.53	1.54E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
4810	462311.59	3773711.92	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
4811	462307.96	3773703.32	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
4812	462304.32	3773694.71	1.56E-05	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
4813	462300.69	3773686.1	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
4814	462297.05	3773677.49	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
4815	462293.42	3773668.88	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
4816	462289.78	3773660.28	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
4817	462286.15	3773651.67	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
4818	462282.51	3773643.06	1.60E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
4819	462278.88	3773634.45	1.61E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
4820	462275.24	3773625.85	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
4821	462271.61	3773617.24	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
4822	462264.34	3773600.02	1.63E-05	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
4823	462260.7	3773591.41	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
4824	462257.07	3773582.81	1.65E-05	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
4825	462253.43	3773574.2	1.65E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
4826	462249.8	3773565.59	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
4827	462246.16	3773556.98	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
4828	462242.53	3773548.37	1.67E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
4829	462238.89	3773539.77	1.67E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
4830	462235.26	3773531.16	1.67E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
4831	462231.62	3773522.55	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
4832	462227.99	3773513.94	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
4833	462198.91	3773445.08	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
4834	462195.28	3773436.47	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
4835	462191.64	3773427.86	1.67E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
4836	462188.01	3773419.25	1.67E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
4837	462184.37	3773410.65	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
4838	462180.74	3773402.04	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
4839	462177.1	3773393.43	1.65E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
4840	462173.47	3773384.82	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
4841	462169.83	3773376.21	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
4842	462166.2	3773367.61	1.63E-05	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
4843	462162.56	3773359	1.63E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
4844	462158.93	3773350.39	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00

4845	462155.29	3773341.78	1.61E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
4846	462151.66	3773333.17	1.60E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
4847	462148.02	3773324.57	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
4848	462804.99	3774041.51	2.51E-05	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
4849	462796.33	3774037.95	2.48E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00
4850	462787.68	3774034.38	2.46E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
4851	462779.03	3774030.82	2.43E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
4852	462770.38	3774027.26	2.41E-05	0.00E+00	0.00E+00	0.00E+00	3.69E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
4853	462761.72	3774023.7	2.39E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
4854	462753.07	3774020.14	2.36E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
4855	462744.42	3774016.58	2.34E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
4856	462735.77	3774013.02	2.32E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
4857	462727.11	3774009.46	2.30E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00
4858	462718.46	3774005.9	2.27E-05	0.00E+00	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	0.00E+00
4859	462709.81	3774002.34	2.25E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
4860	462701.16	3773998.78	2.23E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
4861	462692.5	3773995.22	2.20E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
4862	462683.85	3773991.65	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
4863	462675.2	3773988.09	2.16E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
4864	462666.55	3773984.53	2.14E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	0.00E+00
4865	462657.9	3773980.97	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
4866	462649.24	3773977.41	2.09E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
4867	462640.59	3773973.85	2.07E-05	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
4868	462631.94	3773970.29	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
4869	462605.98	3773959.61	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
4870	462597.33	3773956.05	1.96E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
4871	462588.68	3773952.49	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
4872	462580.02	3773948.93	1.92E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
4873	462571.37	3773945.36	1.90E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
4874	462562.72	3773941.8	1.88E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
4875	462554.07	3773938.24	1.85E-05	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
4876	462545.41	3773934.68	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
4877	462536.76	3773931.12	1.81E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
4878	462528.11	3773927.56	1.79E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
4879	462519.46	3773924	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
4880	462510.8	3773920.44	1.75E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
4881	462502.15	3773916.88	1.73E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
4882	462493.5	3773913.32	1.71E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
4883	462484.85	3773909.76	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
4884	462476.19	3773906.2	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
4885	462467.54	3773902.63	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
4886	462458.89	3773899.07	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
4887	462450.24	3773895.51	1.60E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
4888	462441.58	3773891.95	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
4889	462432.93	3773888.39	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
4890	462424.28	3773884.83	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
4891	462415.63	3773881.27	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00
4892	462406.98	3773877.71	1.51E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00	9.92E-07	0.00E+00	0.00E+00	0.00E+00

4893	462398.32	3773874.15	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00	9.81E-07	0.00E+00	0.00E+00	0.00E+00
4894	462389.67	3773870.59	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00	9.70E-07	0.00E+00	0.00E+00	0.00E+00
4895	462381.02	3773867.03	1.46E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00	9.59E-07	0.00E+00	0.00E+00	0.00E+00
4896	462372.37	3773863.47	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00	9.48E-07	0.00E+00	0.00E+00	0.00E+00
4897	462363.71	3773859.9	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00	9.38E-07	0.00E+00	0.00E+00	0.00E+00
4898	462355.06	3773856.34	1.41E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00	9.28E-07	0.00E+00	0.00E+00	0.00E+00
4899	462346.41	3773852.78	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00	9.18E-07	0.00E+00	0.00E+00	0.00E+00
4900	462337.76	3773849.22	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00	9.08E-07	0.00E+00	0.00E+00	0.00E+00
4901	462329.1	3773845.66	1.37E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00	8.99E-07	0.00E+00	0.00E+00	0.00E+00
4902	462324.02	3773836.45	1.37E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00	9.01E-07	0.00E+00	0.00E+00	0.00E+00
4903	462320.38	3773827.83	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00	9.03E-07	0.00E+00	0.00E+00	0.00E+00
4904	462316.74	3773819.21	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00	9.06E-07	0.00E+00	0.00E+00	0.00E+00
4905	462313.1	3773810.59	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00	9.09E-07	0.00E+00	0.00E+00	0.00E+00
4906	462309.46	3773801.97	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00	9.11E-07	0.00E+00	0.00E+00	0.00E+00
4907	462305.82	3773793.35	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00	9.14E-07	0.00E+00	0.00E+00	0.00E+00
4908	462302.18	3773784.73	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00	9.17E-07	0.00E+00	0.00E+00	0.00E+00
4909	462298.54	3773776.11	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00	9.20E-07	0.00E+00	0.00E+00	0.00E+00
4910	462287.62	3773750.25	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00	9.32E-07	0.00E+00	0.00E+00	0.00E+00
4911	462283.98	3773741.63	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.35E-07	0.00E+00	0.00E+00	0.00E+00
4912	462280.34	3773733.01	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00	9.39E-07	0.00E+00	0.00E+00	0.00E+00
4913	462276.7	3773724.4	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.42E-07	0.00E+00	0.00E+00	0.00E+00
4914	462273.06	3773715.78	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00	9.46E-07	0.00E+00	0.00E+00	0.00E+00
4915	462269.43	3773707.16	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	9.50E-07	0.00E+00	0.00E+00	0.00E+00
4916	462265.79	3773698.54	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	0.00E+00	9.54E-07	0.00E+00	0.00E+00	0.00E+00
4917	462262.15	3773689.92	1.46E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00	9.59E-07	0.00E+00	0.00E+00	0.00E+00
4918	462258.51	3773681.3	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00	9.62E-07	0.00E+00	0.00E+00	0.00E+00
4919	462254.87	3773672.68	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00	9.66E-07	0.00E+00	0.00E+00	0.00E+00
4920	462251.23	3773664.06	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00	9.69E-07	0.00E+00	0.00E+00	0.00E+00
4921	462247.59	3773655.44	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	9.73E-07	0.00E+00	0.00E+00	0.00E+00
4922	462243.95	3773646.82	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00	9.77E-07	0.00E+00	0.00E+00	0.00E+00
4923	462240.31	3773638.2	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00	9.81E-07	0.00E+00	0.00E+00	0.00E+00
4924	462236.67	3773629.58	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00	9.86E-07	0.00E+00	0.00E+00	0.00E+00
4925	462233.03	3773620.96	1.51E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00	9.89E-07	0.00E+00	0.00E+00	0.00E+00
4926	462163.87	3773457.19	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
4927	462160.23	3773448.57	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
4928	462156.59	3773439.95	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
4929	462152.95	3773431.33	1.54E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
4930	462149.31	3773422.71	1.54E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
4931	462145.67	3773414.09	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
4932	462142.03	3773405.47	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00
4933	462138.39	3773396.85	1.52E-05	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00	9.98E-07	0.00E+00	0.00E+00	0.00E+00
4934	462134.75	3773388.23	1.51E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00	9.94E-07	0.00E+00	0.00E+00	0.00E+00
4935	462131.11	3773379.61	1.51E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00	9.89E-07	0.00E+00	0.00E+00	0.00E+00
4936	462127.48	3773371	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00	9.85E-07	0.00E+00	0.00E+00	0.00E+00
4937	462123.84	3773362.38	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00	9.80E-07	0.00E+00	0.00E+00	0.00E+00
4938	462120.2	3773353.76	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	9.75E-07	0.00E+00	0.00E+00	0.00E+00
4939	462116.56	3773345.14	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00	9.71E-07	0.00E+00	0.00E+00	0.00E+00
4940	462112.92	3773336.52	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00	9.67E-07	0.00E+00	0.00E+00	0.00E+00

4941	462109.28	3773327.9	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00	9.63E-07	0.00E+00	0.00E+00	0.00E+00
4942	462105.64	3773319.28	1.46E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	0.00E+00	9.58E-07	0.00E+00	0.00E+00	0.00E+00
4943	462102	3773310.66	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	9.53E-07	0.00E+00	0.00E+00	0.00E+00
4944	462098.36	3773302.04	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00	9.47E-07	0.00E+00	0.00E+00	0.00E+00
4945	462094.72	3773293.42	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.42E-07	0.00E+00	0.00E+00	0.00E+00
4946	462091.08	3773284.8	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00	9.38E-07	0.00E+00	0.00E+00	0.00E+00
4947	462087.44	3773276.18	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.34E-07	0.00E+00	0.00E+00	0.00E+00
4948	462813.76	3774085.11	2.36E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
4949	462805.11	3774081.56	2.33E-05	0.00E+00	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
4950	462710.04	3774042.43	2.10E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	0.00E+00
4951	462701.4	3774038.88	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
4952	462692.76	3774035.32	2.07E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
4953	462684.11	3774031.76	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
4954	462675.47	3774028.21	2.03E-05	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
4955	462666.83	3774024.65	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
4956	462658.18	3774021.09	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
4957	462649.54	3774017.53	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
4958	462640.9	3774013.98	1.95E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
4959	462632.26	3774010.42	1.93E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
4960	462606.33	3773999.75	1.87E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
4961	462597.68	3773996.19	1.85E-05	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
4962	462589.04	3773992.64	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
4963	462580.4	3773989.08	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
4964	462571.76	3773985.52	1.80E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
4965	462563.11	3773981.97	1.78E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
4966	462554.47	3773978.41	1.76E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
4967	462545.83	3773974.85	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
4968	462537.18	3773971.3	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
4969	462528.54	3773967.74	1.70E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
4970	462519.9	3773964.18	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
4971	462511.26	3773960.62	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
4972	462502.61	3773957.07	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
4973	462493.97	3773953.51	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
4974	462485.33	3773949.95	1.61E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
4975	462476.68	3773946.4	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
4976	462468.04	3773942.84	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
4977	462459.4	3773939.28	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
4978	462450.76	3773935.73	1.54E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
4979	462442.11	3773932.17	1.52E-05	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00	9.97E-07	0.00E+00	0.00E+00	0.00E+00
4980	462433.47	3773928.61	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00	9.86E-07	0.00E+00	0.00E+00	0.00E+00
4981	462424.83	3773925.06	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	9.75E-07	0.00E+00	0.00E+00	0.00E+00
4982	462416.18	3773921.5	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00	9.64E-07	0.00E+00	0.00E+00	0.00E+00
4983	462407.54	3773917.94	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	9.53E-07	0.00E+00	0.00E+00	0.00E+00
4984	462398.9	3773914.39	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.43E-07	0.00E+00	0.00E+00	0.00E+00
4985	462390.26	3773910.83	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00	9.32E-07	0.00E+00	0.00E+00	0.00E+00
4986	462381.61	3773907.27	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00	9.21E-07	0.00E+00	0.00E+00	0.00E+00
4987	462372.97	3773903.71	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00	9.11E-07	0.00E+00	0.00E+00	0.00E+00
4988	462364.33	3773900.16	1.37E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00	9.02E-07	0.00E+00	0.00E+00	0.00E+00

4989	462355.68	3773896.6	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00	8.92E-07	0.00E+00	0.00E+00	0.00E+00
4990	462347.04	3773893.04	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00	8.83E-07	0.00E+00	0.00E+00	0.00E+00
4991	462338.4	3773889.49	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.73E-07	0.00E+00	0.00E+00	0.00E+00
4992	462329.76	3773885.93	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	8.64E-07	0.00E+00	0.00E+00	0.00E+00
4993	462321.11	3773882.37	1.30E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	8.56E-07	0.00E+00	0.00E+00	0.00E+00
4994	462293.45	3773859.13	1.28E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00	8.38E-07	0.00E+00	0.00E+00	0.00E+00
4995	462289.81	3773850.52	1.28E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00	8.40E-07	0.00E+00	0.00E+00	0.00E+00
4996	462286.18	3773841.91	1.28E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00	8.42E-07	0.00E+00	0.00E+00	0.00E+00
4997	462282.54	3773833.3	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	8.45E-07	0.00E+00	0.00E+00	0.00E+00
4998	462278.9	3773824.69	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00	8.48E-07	0.00E+00	0.00E+00	0.00E+00
4999	462275.27	3773816.08	1.30E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00	8.51E-07	0.00E+00	0.00E+00	0.00E+00
5000	462271.63	3773807.47	1.30E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00	8.54E-07	0.00E+00	0.00E+00	0.00E+00
5001	462268	3773798.86	1.30E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	8.56E-07	0.00E+00	0.00E+00	0.00E+00
5002	462264.36	3773790.25	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	8.59E-07	0.00E+00	0.00E+00	0.00E+00
5003	462260.73	3773781.64	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00	8.62E-07	0.00E+00	0.00E+00	0.00E+00
5004	462257.09	3773773.03	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	8.65E-07	0.00E+00	0.00E+00	0.00E+00
5005	462249.82	3773755.81	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.72E-07	0.00E+00	0.00E+00	0.00E+00
5006	462246.18	3773747.2	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.75E-07	0.00E+00	0.00E+00	0.00E+00
5007	462242.55	3773738.59	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	8.78E-07	0.00E+00	0.00E+00	0.00E+00
5008	462238.91	3773729.98	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00	8.81E-07	0.00E+00	0.00E+00	0.00E+00
5009	462235.28	3773721.37	1.35E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00	8.84E-07	0.00E+00	0.00E+00	0.00E+00
5010	462231.64	3773712.76	1.35E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00	8.88E-07	0.00E+00	0.00E+00	0.00E+00
5011	462228	3773704.15	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00	8.92E-07	0.00E+00	0.00E+00	0.00E+00
5012	462224.37	3773695.54	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00	8.95E-07	0.00E+00	0.00E+00	0.00E+00
5013	462122.57	3773454.46	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00	9.41E-07	0.00E+00	0.00E+00	0.00E+00
5014	462118.93	3773445.85	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00	9.39E-07	0.00E+00	0.00E+00	0.00E+00
5015	462115.3	3773437.24	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00	9.37E-07	0.00E+00	0.00E+00	0.00E+00
5016	462111.66	3773428.63	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.35E-07	0.00E+00	0.00E+00	0.00E+00
5017	462108.03	3773420.02	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.34E-07	0.00E+00	0.00E+00	0.00E+00
5018	462104.39	3773411.41	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00	9.29E-07	0.00E+00	0.00E+00	0.00E+00
5019	462100.75	3773402.8	1.41E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00	9.25E-07	0.00E+00	0.00E+00	0.00E+00
5020	462097.12	3773394.19	1.41E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00	9.23E-07	0.00E+00	0.00E+00	0.00E+00
5021	462093.48	3773385.58	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00	9.17E-07	0.00E+00	0.00E+00	0.00E+00
5022	462089.85	3773376.97	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00	9.13E-07	0.00E+00	0.00E+00	0.00E+00
5023	462086.21	3773368.36	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00	9.09E-07	0.00E+00	0.00E+00	0.00E+00
5024	462082.58	3773359.75	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00	9.05E-07	0.00E+00	0.00E+00	0.00E+00
5025	462078.94	3773351.14	1.37E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00	9.00E-07	0.00E+00	0.00E+00	0.00E+00
5026	462075.3	3773342.53	1.37E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00	8.97E-07	0.00E+00	0.00E+00	0.00E+00
5027	462071.67	3773333.92	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00	8.94E-07	0.00E+00	0.00E+00	0.00E+00
5028	462053.49	3773290.87	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.72E-07	0.00E+00	0.00E+00	0.00E+00
5029	462049.85	3773282.26	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.68E-07	0.00E+00	0.00E+00	0.00E+00
5030	462813.63	3774125.06	2.20E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00
5031	462804.97	3774121.5	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
5032	462796.32	3774117.94	2.16E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
5033	462787.67	3774114.38	2.14E-05	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	0.00E+00
5034	462779.01	3774110.82	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
5035	462770.36	3774107.26	2.10E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	0.00E+00
5036	462761.71	3774103.7	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00

5037	462753.05	3774100.13	2.06E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
5038	462744.4	3774096.57	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
5039	462735.75	3774093.01	2.03E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
5040	462727.09	3774089.45	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
5041	462718.44	3774085.89	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
5042	462605.95	3774039.59	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
5043	462597.29	3774036.03	1.75E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
5044	462588.64	3774032.47	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
5045	462579.99	3774028.91	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
5046	462571.33	3774025.35	1.70E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
5047	462562.68	3774021.79	1.69E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
5048	462554.03	3774018.23	1.67E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
5049	462545.37	3774014.67	1.65E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
5050	462536.72	3774011.1	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
5051	462528.07	3774007.54	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
5052	462519.41	3774003.98	1.60E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
5053	462510.76	3774000.42	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
5054	462502.11	3773996.86	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
5055	462493.45	3773993.3	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
5056	462484.8	3773989.74	1.54E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
5057	462476.15	3773986.18	1.52E-05	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00	9.97E-07	0.00E+00	0.00E+00	0.00E+00
5058	462467.49	3773982.61	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00	9.86E-07	0.00E+00	0.00E+00	0.00E+00
5059	462458.84	3773979.05	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	9.75E-07	0.00E+00	0.00E+00	0.00E+00
5060	462450.19	3773975.49	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00	9.65E-07	0.00E+00	0.00E+00	0.00E+00
5061	462441.53	3773971.93	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	0.00E+00	9.54E-07	0.00E+00	0.00E+00	0.00E+00
5062	462432.88	3773968.37	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.44E-07	0.00E+00	0.00E+00	0.00E+00
5063	462424.23	3773964.81	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.34E-07	0.00E+00	0.00E+00	0.00E+00
5064	462415.57	3773961.25	1.41E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00	9.24E-07	0.00E+00	0.00E+00	0.00E+00
5065	462406.92	3773957.69	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00	9.13E-07	0.00E+00	0.00E+00	0.00E+00
5066	462398.27	3773954.13	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00	9.04E-07	0.00E+00	0.00E+00	0.00E+00
5067	462389.61	3773950.56	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00	8.94E-07	0.00E+00	0.00E+00	0.00E+00
5068	462380.96	3773947	1.35E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00	8.84E-07	0.00E+00	0.00E+00	0.00E+00
5069	462372.31	3773943.44	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.75E-07	0.00E+00	0.00E+00	0.00E+00
5070	462363.65	3773939.88	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	8.66E-07	0.00E+00	0.00E+00	0.00E+00
5071	462355	3773936.32	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	8.57E-07	0.00E+00	0.00E+00	0.00E+00
5072	462346.35	3773932.76	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00	8.48E-07	0.00E+00	0.00E+00	0.00E+00
5073	462337.69	3773929.2	1.28E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00	8.39E-07	0.00E+00	0.00E+00	0.00E+00
5074	462329.04	3773925.64	1.27E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00	8.30E-07	0.00E+00	0.00E+00	0.00E+00
5075	462320.39	3773922.07	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.22E-07	0.00E+00	0.00E+00	0.00E+00
5076	462254.97	3773863.1	1.20E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00	7.88E-07	0.00E+00	0.00E+00	0.00E+00
5077	462251.33	3773854.48	1.20E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00	7.90E-07	0.00E+00	0.00E+00	0.00E+00
5078	462247.69	3773845.86	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00	7.92E-07	0.00E+00	0.00E+00	0.00E+00
5079	462244.05	3773837.24	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00	7.94E-07	0.00E+00	0.00E+00	0.00E+00
5080	462240.41	3773828.62	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00	7.97E-07	0.00E+00	0.00E+00	0.00E+00
5081	462236.77	3773820	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.00E-07	0.00E+00	0.00E+00	0.00E+00
5082	462233.13	3773811.38	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.03E-07	0.00E+00	0.00E+00	0.00E+00
5083	462229.49	3773802.76	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	0.00E+00
5084	462225.85	3773794.14	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.08E-07	0.00E+00	0.00E+00	0.00E+00

5085	462207.65	3773751.04	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.22E-07	0.00E+00	0.00E+00	0.00E+00
5086	462204.01	3773742.42	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.24E-07	0.00E+00	0.00E+00	0.00E+00
5087	462200.37	3773733.8	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00	8.27E-07	0.00E+00	0.00E+00	0.00E+00
5088	462196.73	3773725.18	1.27E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00	8.30E-07	0.00E+00	0.00E+00	0.00E+00
5089	462185.81	3773699.31	1.28E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00	8.40E-07	0.00E+00	0.00E+00	0.00E+00
5090	462182.17	3773690.69	1.28E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	8.43E-07	0.00E+00	0.00E+00	0.00E+00
5091	462178.53	3773682.07	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	8.46E-07	0.00E+00	0.00E+00	0.00E+00
5092	462174.89	3773673.45	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00	8.48E-07	0.00E+00	0.00E+00	0.00E+00
5093	462171.25	3773664.83	1.30E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00	8.51E-07	0.00E+00	0.00E+00	0.00E+00
5094	462083.88	3773457.94	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.75E-07	0.00E+00	0.00E+00	0.00E+00
5095	462080.24	3773449.32	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.73E-07	0.00E+00	0.00E+00	0.00E+00
5096	462076.6	3773440.7	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.72E-07	0.00E+00	0.00E+00	0.00E+00
5097	462072.96	3773432.08	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.69E-07	0.00E+00	0.00E+00	0.00E+00
5098	462054.76	3773388.98	1.30E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00	8.54E-07	0.00E+00	0.00E+00	0.00E+00
5099	462051.12	3773380.36	1.30E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00	8.51E-07	0.00E+00	0.00E+00	0.00E+00
5100	462047.48	3773371.74	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00	8.48E-07	0.00E+00	0.00E+00	0.00E+00
5101	462043.84	3773363.12	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	8.44E-07	0.00E+00	0.00E+00	0.00E+00
5102	462040.2	3773354.5	1.28E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00	8.38E-07	0.00E+00	0.00E+00	0.00E+00
5103	462036.56	3773345.88	1.27E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00	8.34E-07	0.00E+00	0.00E+00	0.00E+00
5104	462032.92	3773337.26	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00	8.30E-07	0.00E+00	0.00E+00	0.00E+00
5105	462029.28	3773328.64	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00	8.26E-07	0.00E+00	0.00E+00	0.00E+00
5106	462025.64	3773320.02	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.22E-07	0.00E+00	0.00E+00	0.00E+00
5107	462022	3773311.4	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00	8.19E-07	0.00E+00	0.00E+00	0.00E+00
5108	462018.36	3773302.78	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00	8.16E-07	0.00E+00	0.00E+00	0.00E+00
5109	462014.72	3773294.15	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00	8.13E-07	0.00E+00	0.00E+00	0.00E+00
5110	462011.08	3773285.53	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.10E-07	0.00E+00	0.00E+00	0.00E+00
5111	462917.47	3774207.8	2.30E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00
5112	462908.82	3774204.24	2.28E-05	0.00E+00	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	0.00E+00
5113	462900.18	3774200.68	2.26E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
5114	462891.54	3774197.12	2.24E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
5115	462882.89	3774193.57	2.22E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
5116	462874.25	3774190.01	2.20E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00
5117	462865.6	3774186.45	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
5118	462856.96	3774182.89	2.16E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
5119	462848.31	3774179.34	2.14E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	0.00E+00
5120	462839.67	3774175.78	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
5121	462831.02	3774172.22	2.10E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	0.00E+00
5122	462813.74	3774165.11	2.07E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
5123	462805.09	3774161.55	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
5124	462796.45	3774157.99	2.03E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
5125	462787.8	3774154.43	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
5126	462779.16	3774150.88	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
5127	462770.51	3774147.32	1.98E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
5128	462761.87	3774143.76	1.96E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
5129	462753.22	3774140.2	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
5130	462744.58	3774136.65	1.93E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
5131	462735.93	3774133.09	1.91E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
5132	462727.29	3774129.53	1.89E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	0.00E+00

5133	462718.65	3774125.97	1.88E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
5134	462710	3774122.42	1.86E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
5135	462701.36	3774118.86	1.85E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
5136	462692.71	3774115.3	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
5137	462684.07	3774111.74	1.81E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
5138	462675.42	3774108.19	1.80E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
5139	462666.78	3774104.63	1.78E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
5140	462658.13	3774101.07	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
5141	462649.49	3774097.51	1.75E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
5142	462640.84	3774093.96	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
5143	462511.18	3774040.59	1.52E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00	9.94E-07	0.00E+00	0.00E+00	0.00E+00
5144	462502.53	3774037.03	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00	9.85E-07	0.00E+00	0.00E+00	0.00E+00
5145	462493.89	3774033.48	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	9.74E-07	0.00E+00	0.00E+00	0.00E+00
5146	462485.24	3774029.92	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00	9.64E-07	0.00E+00	0.00E+00	0.00E+00
5147	462476.6	3774026.36	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	0.00E+00	9.54E-07	0.00E+00	0.00E+00	0.00E+00
5148	462467.95	3774022.8	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.45E-07	0.00E+00	0.00E+00	0.00E+00
5149	462459.31	3774019.25	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.35E-07	0.00E+00	0.00E+00	0.00E+00
5150	462450.67	3774015.69	1.41E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00	9.26E-07	0.00E+00	0.00E+00	0.00E+00
5151	462442.02	3774012.13	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00	9.16E-07	0.00E+00	0.00E+00	0.00E+00
5152	462433.38	3774008.57	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00	9.07E-07	0.00E+00	0.00E+00	0.00E+00
5153	462424.73	3774005.02	1.37E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00	8.98E-07	0.00E+00	0.00E+00	0.00E+00
5154	462416.09	3774001.46	1.35E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00	8.89E-07	0.00E+00	0.00E+00	0.00E+00
5155	462407.44	3773997.9	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	8.80E-07	0.00E+00	0.00E+00	0.00E+00
5156	462398.8	3773994.34	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.71E-07	0.00E+00	0.00E+00	0.00E+00
5157	462390.15	3773990.79	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00	8.62E-07	0.00E+00	0.00E+00	0.00E+00
5158	462381.51	3773987.23	1.30E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00	8.53E-07	0.00E+00	0.00E+00	0.00E+00
5159	462372.86	3773983.67	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	8.43E-07	0.00E+00	0.00E+00	0.00E+00
5160	462364.22	3773980.11	1.27E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00	8.35E-07	0.00E+00	0.00E+00	0.00E+00
5161	462355.58	3773976.56	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00	8.26E-07	0.00E+00	0.00E+00	0.00E+00
5162	462346.93	3773973	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00	8.18E-07	0.00E+00	0.00E+00	0.00E+00
5163	462338.29	3773969.44	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.10E-07	0.00E+00	0.00E+00	0.00E+00
5164	462329.64	3773965.88	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.02E-07	0.00E+00	0.00E+00	0.00E+00
5165	462321	3773962.33	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00	7.95E-07	0.00E+00	0.00E+00	0.00E+00
5166	462206.23	3773842.76	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00	7.49E-07	0.00E+00	0.00E+00	0.00E+00
5167	462202.59	3773834.14	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00	7.52E-07	0.00E+00	0.00E+00	0.00E+00
5168	462198.95	3773825.53	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	7.54E-07	0.00E+00	0.00E+00	0.00E+00
5169	462195.32	3773816.92	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00	7.57E-07	0.00E+00	0.00E+00	0.00E+00
5170	462191.68	3773808.31	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00	7.59E-07	0.00E+00	0.00E+00	0.00E+00
5171	462188.04	3773799.7	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.62E-07	0.00E+00	0.00E+00	0.00E+00
5172	462184.41	3773791.09	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.64E-07	0.00E+00	0.00E+00	0.00E+00
5173	462180.77	3773782.47	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00	7.66E-07	0.00E+00	0.00E+00	0.00E+00
5174	462177.14	3773773.86	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00	7.68E-07	0.00E+00	0.00E+00	0.00E+00
5175	462173.5	3773765.25	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.71E-07	0.00E+00	0.00E+00	0.00E+00
5176	462169.86	3773756.64	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.73E-07	0.00E+00	0.00E+00	0.00E+00
5177	462166.23	3773748.03	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00	7.76E-07	0.00E+00	0.00E+00	0.00E+00
5178	462162.59	3773739.42	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00	7.78E-07	0.00E+00	0.00E+00	0.00E+00
5179	462158.95	3773730.81	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00	7.81E-07	0.00E+00	0.00E+00	0.00E+00
5180	462144.41	3773696.36	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00	7.92E-07	0.00E+00	0.00E+00	0.00E+00

5181	462140.77	3773687.75	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00	7.94E-07	0.00E+00	0.00E+00	0.00E+00
5182	462137.13	3773679.14	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00	7.97E-07	0.00E+00	0.00E+00	0.00E+00
5183	462133.5	3773670.52	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00	7.99E-07	0.00E+00	0.00E+00	0.00E+00
5184	462042.59	3773455.23	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00	8.16E-07	0.00E+00	0.00E+00	0.00E+00
5185	462038.95	3773446.62	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00	8.14E-07	0.00E+00	0.00E+00	0.00E+00
5186	462035.31	3773438.01	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.12E-07	0.00E+00	0.00E+00	0.00E+00
5187	462031.68	3773429.4	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.10E-07	0.00E+00	0.00E+00	0.00E+00
5188	462028.04	3773420.79	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.06E-07	0.00E+00	0.00E+00	0.00E+00
5189	462024.41	3773412.17	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.04E-07	0.00E+00	0.00E+00	0.00E+00
5190	462020.77	3773403.56	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.01E-07	0.00E+00	0.00E+00	0.00E+00
5191	462017.13	3773394.95	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00	7.98E-07	0.00E+00	0.00E+00	0.00E+00
5192	462013.5	3773386.34	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00	7.95E-07	0.00E+00	0.00E+00	0.00E+00
5193	462009.86	3773377.73	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00	7.92E-07	0.00E+00	0.00E+00	0.00E+00
5194	462006.22	3773369.12	1.20E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00	7.89E-07	0.00E+00	0.00E+00	0.00E+00
5195	462002.59	3773360.5	1.20E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00	7.87E-07	0.00E+00	0.00E+00	0.00E+00
5196	461998.95	3773351.89	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00	7.81E-07	0.00E+00	0.00E+00	0.00E+00
5197	461995.31	3773343.28	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00	7.78E-07	0.00E+00	0.00E+00	0.00E+00
5198	461991.68	3773334.67	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00	7.74E-07	0.00E+00	0.00E+00	0.00E+00
5199	461988.04	3773326.06	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.70E-07	0.00E+00	0.00E+00	0.00E+00
5200	461984.41	3773317.45	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00	7.68E-07	0.00E+00	0.00E+00	0.00E+00
5201	461980.77	3773308.83	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.65E-07	0.00E+00	0.00E+00	0.00E+00
5202	461977.13	3773300.22	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.62E-07	0.00E+00	0.00E+00	0.00E+00
5203	461973.5	3773291.61	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00	7.59E-07	0.00E+00	0.00E+00	0.00E+00
5204	461969.86	3773283	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	7.56E-07	0.00E+00	0.00E+00	0.00E+00
5205	462917.47	3774247.8	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
5206	462908.81	3774244.23	2.13E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	0.00E+00
5207	462900.16	3774240.67	2.11E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
5208	462891.51	3774237.11	2.10E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
5209	462882.85	3774233.55	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
5210	462874.2	3774229.99	2.06E-05	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
5211	462865.54	3774226.43	2.04E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
5212	462856.89	3774222.87	2.03E-05	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
5213	462848.23	3774219.3	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
5214	462839.58	3774215.74	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
5215	462830.93	3774212.18	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
5216	462822.27	3774208.62	1.96E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
5217	462813.62	3774205.06	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
5218	462804.96	3774201.5	1.93E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
5219	462796.31	3774197.94	1.91E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
5220	462787.66	3774194.37	1.89E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	0.00E+00
5221	462779	3774190.81	1.88E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
5222	462770.35	3774187.25	1.86E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
5223	462761.69	3774183.69	1.85E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
5224	462753.04	3774180.13	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
5225	462744.39	3774176.57	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
5226	462735.73	3774173	1.80E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
5227	462727.08	3774169.44	1.79E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
5228	462718.42	3774165.88	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00

5229	462709.77	3774162.32	1.76E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
5230	462701.11	3774158.76	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
5231	462692.46	3774155.2	1.73E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
5232	462683.81	3774151.64	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
5233	462675.15	3774148.07	1.70E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
5234	462666.5	3774144.51	1.69E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
5235	462657.84	3774140.95	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
5236	462649.19	3774137.39	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
5237	462640.54	3774133.83	1.65E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
5238	462631.88	3774130.27	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
5239	462605.92	3774119.58	1.60E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
5240	462597.27	3774116.02	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
5241	462588.61	3774112.46	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
5242	462579.96	3774108.9	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
5243	462571.3	3774105.34	1.54E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
5244	462562.65	3774101.77	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00
5245	462554	3774098.21	1.52E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00	9.94E-07	0.00E+00	0.00E+00	0.00E+00
5246	462545.34	3774094.65	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00	9.86E-07	0.00E+00	0.00E+00	0.00E+00
5247	462536.69	3774091.09	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00	9.76E-07	0.00E+00	0.00E+00	0.00E+00
5248	462528.03	3774087.53	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00	9.68E-07	0.00E+00	0.00E+00	0.00E+00
5249	462519.38	3774083.97	1.46E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00	9.59E-07	0.00E+00	0.00E+00	0.00E+00
5250	462415.53	3774041.23	1.30E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	8.56E-07	0.00E+00	0.00E+00	0.00E+00
5251	462406.88	3774037.67	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00	8.47E-07	0.00E+00	0.00E+00	0.00E+00
5252	462398.22	3774034.11	1.28E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00	8.38E-07	0.00E+00	0.00E+00	0.00E+00
5253	462389.57	3774030.54	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00	8.30E-07	0.00E+00	0.00E+00	0.00E+00
5254	462380.91	3774026.98	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.21E-07	0.00E+00	0.00E+00	0.00E+00
5255	462372.26	3774023.42	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00	8.13E-07	0.00E+00	0.00E+00	0.00E+00
5256	462363.6	3774019.86	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	0.00E+00
5257	462354.95	3774016.3	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00	7.98E-07	0.00E+00	0.00E+00	0.00E+00
5258	462346.3	3774012.74	1.20E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00	7.90E-07	0.00E+00	0.00E+00	0.00E+00
5259	462337.64	3774009.18	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00	7.83E-07	0.00E+00	0.00E+00	0.00E+00
5260	462328.99	3774005.61	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00	7.75E-07	0.00E+00	0.00E+00	0.00E+00
5261	462320.33	3774002.05	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00	7.67E-07	0.00E+00	0.00E+00	0.00E+00
5262	462211.4	3773950.1	1.05E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00	6.88E-07	0.00E+00	0.00E+00	0.00E+00
5263	462207.76	3773941.48	1.05E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00	6.90E-07	0.00E+00	0.00E+00	0.00E+00
5264	462204.12	3773932.86	1.05E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00	6.92E-07	0.00E+00	0.00E+00	0.00E+00
5265	462200.48	3773924.24	1.06E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00	6.94E-07	0.00E+00	0.00E+00	0.00E+00
5266	462196.84	3773915.62	1.06E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00	6.95E-07	0.00E+00	0.00E+00	0.00E+00
5267	462193.2	3773906.99	1.06E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00	6.96E-07	0.00E+00	0.00E+00	0.00E+00
5268	462189.56	3773898.37	1.06E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00	6.98E-07	0.00E+00	0.00E+00	0.00E+00
5269	462185.92	3773889.75	1.07E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00	7.00E-07	0.00E+00	0.00E+00	0.00E+00
5270	462182.28	3773881.13	1.07E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00	7.02E-07	0.00E+00	0.00E+00	0.00E+00
5271	462171.36	3773855.27	1.08E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00	7.07E-07	0.00E+00	0.00E+00	0.00E+00
5272	462167.72	3773846.65	1.08E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00	7.10E-07	0.00E+00	0.00E+00	0.00E+00
5273	462164.08	3773838.02	1.08E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00	7.11E-07	0.00E+00	0.00E+00	0.00E+00
5274	462160.44	3773829.4	1.09E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00	7.13E-07	0.00E+00	0.00E+00	0.00E+00
5275	462156.8	3773820.78	1.09E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00	7.15E-07	0.00E+00	0.00E+00	0.00E+00
5276	462153.15	3773812.16	1.09E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00	7.17E-07	0.00E+00	0.00E+00	0.00E+00

5277	462149.51	3773803.54	1.10E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00	7.19E-07	0.00E+00	0.00E+00	0.00E+00
5278	462145.87	3773794.92	1.10E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00	7.22E-07	0.00E+00	0.00E+00	0.00E+00
5279	462127.67	3773751.81	1.12E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00	7.33E-07	0.00E+00	0.00E+00	0.00E+00
5280	462124.03	3773743.19	1.12E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00	7.36E-07	0.00E+00	0.00E+00	0.00E+00
5281	462120.39	3773734.57	1.13E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00	7.38E-07	0.00E+00	0.00E+00	0.00E+00
5282	462116.75	3773725.95	1.13E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00	7.41E-07	0.00E+00	0.00E+00	0.00E+00
5283	462105.83	3773700.09	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00	7.48E-07	0.00E+00	0.00E+00	0.00E+00
5284	462102.19	3773691.46	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00	7.49E-07	0.00E+00	0.00E+00	0.00E+00
5285	462098.55	3773682.84	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00	7.52E-07	0.00E+00	0.00E+00	0.00E+00
5286	462094.91	3773674.22	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	7.54E-07	0.00E+00	0.00E+00	0.00E+00
5287	462091.27	3773665.6	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	7.56E-07	0.00E+00	0.00E+00	0.00E+00
5288	462003.9	3773458.69	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.64E-07	0.00E+00	0.00E+00	0.00E+00
5289	462000.26	3773450.07	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.62E-07	0.00E+00	0.00E+00	0.00E+00
5290	461996.61	3773441.45	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00	7.60E-07	0.00E+00	0.00E+00	0.00E+00
5291	461992.97	3773432.83	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00	7.57E-07	0.00E+00	0.00E+00	0.00E+00
5292	461989.33	3773424.21	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	7.55E-07	0.00E+00	0.00E+00	0.00E+00
5293	461985.69	3773415.59	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	7.52E-07	0.00E+00	0.00E+00	0.00E+00
5294	461982.05	3773406.96	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00	7.50E-07	0.00E+00	0.00E+00	0.00E+00
5295	461978.41	3773398.34	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00	7.48E-07	0.00E+00	0.00E+00	0.00E+00
5296	461974.77	3773389.72	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00	7.46E-07	0.00E+00	0.00E+00	0.00E+00
5297	461971.13	3773381.1	1.13E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00	7.43E-07	0.00E+00	0.00E+00	0.00E+00
5298	461967.49	3773372.48	1.13E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00	7.41E-07	0.00E+00	0.00E+00	0.00E+00
5299	461963.85	3773363.86	1.13E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00	7.38E-07	0.00E+00	0.00E+00	0.00E+00
5300	461960.21	3773355.24	1.12E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00	7.33E-07	0.00E+00	0.00E+00	0.00E+00
5301	461956.57	3773346.62	1.11E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00	7.30E-07	0.00E+00	0.00E+00	0.00E+00
5302	461952.93	3773338	1.11E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00	7.27E-07	0.00E+00	0.00E+00	0.00E+00
5303	461949.29	3773329.37	1.10E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00	7.24E-07	0.00E+00	0.00E+00	0.00E+00
5304	461945.65	3773320.75	1.10E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00	7.21E-07	0.00E+00	0.00E+00	0.00E+00
5305	461942.01	3773312.13	1.10E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00	7.19E-07	0.00E+00	0.00E+00	0.00E+00
5306	461938.37	3773303.51	1.09E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00	7.16E-07	0.00E+00	0.00E+00	0.00E+00
5307	461934.73	3773294.89	1.09E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00	7.14E-07	0.00E+00	0.00E+00	0.00E+00
5308	461931.09	3773286.27	1.08E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00	7.11E-07	0.00E+00	0.00E+00	0.00E+00
5309	462929.8	3773288.39	4.12E-03	0.00E+00	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00
5310	462939.13	3773288.39	5.24E-03	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00
5311	462948.45	3773288.39	6.55E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00
5312	462957.78	3773288.39	7.97E-03	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	0.00E+00
5313	462967.11	3773288.39	9.41E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	0.00E+00
5314	462976.44	3773288.39	1.08E-02	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	0.00E+00
5315	462985.76	3773288.39	1.19E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	7.81E-04	0.00E+00	0.00E+00	0.00E+00
5316	462995.09	3773288.39	1.28E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	8.38E-04	0.00E+00	0.00E+00	0.00E+00
5317	463004.42	3773288.39	1.33E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00
5318	462929.8	3773298.39	3.25E-03	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00
5319	462939.13	3773298.39	4.02E-03	0.00E+00	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00
5320	462948.45	3773298.39	4.90E-03	0.00E+00	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00
5321	462957.78	3773298.39	5.88E-03	0.00E+00	0.00E+00	0.00E+00	8.99E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00
5322	462967.11	3773298.39	6.88E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00
5323	462976.44	3773298.39	7.85E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00
5324	462985.76	3773298.39	8.73E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	0.00E+00

5325	462995.09	3773298.39	9.44E-03	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	0.00E+00
5326	462929.8	3773308.39	2.67E-03	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00
5327	462939.13	3773308.39	3.23E-03	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00
5328	462948.45	3773308.39	3.86E-03	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00
5329	462957.78	3773308.39	4.56E-03	0.00E+00	0.00E+00	0.00E+00	6.98E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00
5330	462967.11	3773308.39	5.28E-03	0.00E+00	0.00E+00	0.00E+00	8.09E-04	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00
5331	462976.44	3773308.39	6.00E-03	0.00E+00	0.00E+00	0.00E+00	9.19E-04	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00
5332	462985.76	3773308.39	6.67E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00
5333	462995.09	3773308.39	7.25E-03	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00
5334	463004.42	3773308.39	7.73E-03	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	0.00E+00
5335	462929.8	3773318.39	2.23E-03	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00
5336	462939.13	3773318.39	2.65E-03	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00
5337	462948.45	3773318.39	3.12E-03	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00
5338	462957.78	3773318.39	3.63E-03	0.00E+00	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00
5339	462967.11	3773318.39	4.17E-03	0.00E+00	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00
5340	462976.44	3773318.39	4.71E-03	0.00E+00	0.00E+00	0.00E+00	7.21E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00
5341	462985.76	3773318.39	5.23E-03	0.00E+00	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00
5342	462995.09	3773318.39	5.69E-03	0.00E+00	0.00E+00	0.00E+00	8.71E-04	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00
5343	462929.8	3773328.39	1.89E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00
5344	462939.13	3773328.39	2.20E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00
5345	462948.45	3773328.39	2.56E-03	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00
5346	462957.78	3773328.39	2.94E-03	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00
5347	462967.11	3773328.39	3.35E-03	0.00E+00	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00
5348	462976.44	3773328.39	3.77E-03	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00
5349	462985.76	3773328.39	4.18E-03	0.00E+00	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00
5350	462995.09	3773328.39	4.55E-03	0.00E+00	0.00E+00	0.00E+00	6.97E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00
5351	462929.8	3773338.39	1.59E-03	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00
5352	462939.13	3773338.39	1.84E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00
5353	462948.45	3773338.39	2.11E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00
5354	462957.78	3773338.39	2.41E-03	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00
5355	462967.11	3773338.39	2.72E-03	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00
5356	462976.44	3773338.39	3.05E-03	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00
5357	462985.76	3773338.39	3.38E-03	0.00E+00	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00
5358	462995.09	3773338.39	3.70E-03	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00
5359	463004.42	3773338.39	3.98E-03	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00
5360	462929.8	3773348.39	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	8.96E-05	0.00E+00	0.00E+00	0.00E+00
5361	462939.13	3773348.39	1.56E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00
5362	462948.45	3773348.39	1.77E-03	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00
5363	462957.78	3773348.39	2.00E-03	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00
5364	462967.11	3773348.39	2.24E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00
5365	462976.44	3773348.39	2.51E-03	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00
5366	462985.76	3773348.39	2.78E-03	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00
5367	462995.09	3773348.39	3.05E-03	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00
5368	462929.8	3773368.39	1.04E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	6.85E-05	0.00E+00	0.00E+00	0.00E+00
5369	462939.13	3773368.39	1.17E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05	0.00E+00	0.00E+00	0.00E+00
5370	462948.45	3773368.39	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-05	0.00E+00	0.00E+00	0.00E+00
5371	462957.78	3773368.39	1.46E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	9.56E-05	0.00E+00	0.00E+00	0.00E+00
5372	462967.11	3773368.39	1.61E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00

5373	462976.44	3773368.39	1.78E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00
5374	462985.76	3773368.39	1.96E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00
5375	462995.09	3773368.39	2.13E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00
5376	462929.8	3773388.39	8.23E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	5.40E-05	0.00E+00	0.00E+00	0.00E+00
5377	462939.13	3773388.39	9.11E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	0.00E+00
5378	462948.45	3773388.39	1.01E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-05	0.00E+00	0.00E+00	0.00E+00
5379	462957.78	3773388.39	1.11E-03	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	7.27E-05	0.00E+00	0.00E+00	0.00E+00
5380	462967.11	3773388.39	1.21E-03	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-05	0.00E+00	0.00E+00	0.00E+00
5381	462976.44	3773388.39	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	8.70E-05	0.00E+00	0.00E+00	0.00E+00
5382	462985.76	3773388.39	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	9.44E-05	0.00E+00	0.00E+00	0.00E+00
5383	462995.09	3773388.39	1.55E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00
5384	462929.8	3773408.39	6.55E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	0.00E+00
5385	462939.13	3773408.39	7.17E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	0.00E+00
5386	462948.45	3773408.39	7.84E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	5.14E-05	0.00E+00	0.00E+00	0.00E+00
5387	462957.78	3773408.39	8.55E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-05	0.00E+00	0.00E+00	0.00E+00
5388	462967.11	3773408.39	9.30E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	6.10E-05	0.00E+00	0.00E+00	0.00E+00
5389	462976.44	3773408.39	1.01E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-05	0.00E+00	0.00E+00	0.00E+00
5390	462985.76	3773408.39	1.09E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	7.13E-05	0.00E+00	0.00E+00	0.00E+00
5391	462995.09	3773408.39	1.17E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05	0.00E+00	0.00E+00	0.00E+00
5392	463004.42	3773408.39	1.25E-03	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	8.21E-05	0.00E+00	0.00E+00	0.00E+00
5393	462929.8	3773428.39	5.36E-04	0.00E+00	0.00E+00	0.00E+00	8.20E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00
5394	462939.13	3773428.39	5.82E-04	0.00E+00	0.00E+00	0.00E+00	8.90E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	0.00E+00
5395	462948.45	3773428.39	6.31E-04	0.00E+00	0.00E+00	0.00E+00	9.65E-05	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00
5396	462957.78	3773428.39	6.82E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00
5397	462967.11	3773428.39	7.37E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.84E-05	0.00E+00	0.00E+00	0.00E+00
5398	462976.44	3773428.39	7.94E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	5.21E-05	0.00E+00	0.00E+00	0.00E+00
5399	462985.76	3773428.39	8.52E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	0.00E+00
5400	462995.09	3773428.39	9.11E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	0.00E+00
5401	463004.42	3773428.39	9.72E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-05	0.00E+00	0.00E+00	0.00E+00
5402	462929.8	3773448.39	4.47E-04	0.00E+00	0.00E+00	0.00E+00	6.84E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00
5403	462939.13	3773448.39	4.81E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00
5404	462948.45	3773448.39	5.18E-04	0.00E+00	0.00E+00	0.00E+00	7.94E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	0.00E+00
5405	462957.78	3773448.39	5.58E-04	0.00E+00	0.00E+00	0.00E+00	8.53E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	0.00E+00
5406	462967.11	3773448.39	5.98E-04	0.00E+00	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00
5407	462976.44	3773448.39	6.41E-04	0.00E+00	0.00E+00	0.00E+00	9.81E-05	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00
5408	462985.76	3773448.39	6.85E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	4.49E-05	0.00E+00	0.00E+00	0.00E+00
5409	462995.09	3773448.39	7.29E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.79E-05	0.00E+00	0.00E+00	0.00E+00
5410	463004.42	3773448.39	7.75E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	5.08E-05	0.00E+00	0.00E+00	0.00E+00
5411	462929.8	3773488.39	3.18E-04	0.00E+00	0.00E+00	0.00E+00	4.87E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00
5412	462939.13	3773488.39	3.39E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00
5413	462948.45	3773488.39	3.62E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00
5414	462957.78	3773488.39	3.85E-04	0.00E+00	0.00E+00	0.00E+00	5.89E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00
5415	462967.11	3773488.39	4.09E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00
5416	462976.44	3773488.39	4.34E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00
5417	462985.76	3773488.39	4.60E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00
5418	462995.09	3773488.39	4.87E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00
5419	462929.8	3773508.39	2.74E-04	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00
5420	462939.13	3773508.39	2.92E-04	0.00E+00	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00

5421	462948.45	3773508.39	3.09E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00
5422	462957.78	3773508.39	3.28E-04	0.00E+00	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00
5423	462967.11	3773508.39	3.47E-04	0.00E+00	0.00E+00	0.00E+00	5.32E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00
5424	462976.44	3773508.39	3.67E-04	0.00E+00	0.00E+00	0.00E+00	5.62E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00
5425	462985.76	3773508.39	3.88E-04	0.00E+00	0.00E+00	0.00E+00	5.94E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	0.00E+00
5426	462995.09	3773508.39	4.09E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00
5427	462929.8	3773528.39	2.37E-04	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00
5428	462939.13	3773528.39	2.51E-04	0.00E+00	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00
5429	462948.45	3773528.39	2.65E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00
5430	462957.78	3773528.39	2.80E-04	0.00E+00	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00
5431	462967.11	3773528.39	2.96E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00
5432	462976.44	3773528.39	3.12E-04	0.00E+00	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00
5433	462985.76	3773528.39	3.28E-04	0.00E+00	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00
5434	462995.09	3773528.39	3.45E-04	0.00E+00	0.00E+00	0.00E+00	5.28E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00
5435	462929.8	3773548.39	2.07E-04	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
5436	462939.13	3773548.39	2.18E-04	0.00E+00	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00
5437	462948.45	3773548.39	2.30E-04	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00
5438	462957.78	3773548.39	2.43E-04	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00
5439	462967.11	3773548.39	2.56E-04	0.00E+00	0.00E+00	0.00E+00	3.91E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00
5440	462976.44	3773548.39	2.69E-04	0.00E+00	0.00E+00	0.00E+00	4.11E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00
5441	462985.76	3773548.39	2.82E-04	0.00E+00	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00
5442	462995.09	3773548.39	2.96E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00
5443	462929.8	3773578.39	1.72E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00
5444	462939.13	3773578.39	1.80E-04	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
5445	462948.45	3773578.39	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
5446	462957.78	3773578.39	1.99E-04	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00
5447	462967.11	3773578.39	2.09E-04	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00
5448	462976.44	3773578.39	2.19E-04	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00
5449	462985.76	3773578.39	2.29E-04	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00
5450	462995.09	3773578.39	2.39E-04	0.00E+00	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00
5451	462929.8	3773608.39	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	9.54E-06	0.00E+00	0.00E+00	0.00E+00
5452	462939.13	3773608.39	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	9.98E-06	0.00E+00	0.00E+00	0.00E+00
5453	462948.45	3773608.39	1.59E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
5454	462957.78	3773608.39	1.66E-04	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
5455	462967.11	3773608.39	1.73E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
5456	462976.44	3773608.39	1.81E-04	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00
5457	462985.76	3773608.39	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
5458	462995.09	3773608.39	1.97E-04	0.00E+00	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00
5459	462929.8	3773638.39	1.24E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	8.15E-06	0.00E+00	0.00E+00	0.00E+00
5460	462939.13	3773638.39	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	8.50E-06	0.00E+00	0.00E+00	0.00E+00
5461	462948.45	3773638.39	1.35E-04	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	8.86E-06	0.00E+00	0.00E+00	0.00E+00
5462	462957.78	3773638.39	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	9.22E-06	0.00E+00	0.00E+00	0.00E+00
5463	462967.11	3773638.39	1.46E-04	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	9.60E-06	0.00E+00	0.00E+00	0.00E+00
5464	462976.44	3773638.39	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	9.99E-06	0.00E+00	0.00E+00	0.00E+00
5465	462985.76	3773638.39	1.59E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
5466	462995.09	3773638.39	1.65E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
5467	462929.8	3773668.39	1.07E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	0.00E+00
5468	462939.13	3773668.39	1.12E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	7.32E-06	0.00E+00	0.00E+00	0.00E+00

5469	462948.45	3773668.39	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	7.60E-06	0.00E+00	0.00E+00	0.00E+00
5470	462957.78	3773668.39	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	7.89E-06	0.00E+00	0.00E+00	0.00E+00
5471	462967.11	3773668.39	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	8.19E-06	0.00E+00	0.00E+00	0.00E+00
5472	462976.44	3773668.39	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	0.00E+00
5473	462985.76	3773668.39	1.35E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	0.00E+00
5474	462995.09	3773668.39	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	9.18E-06	0.00E+00	0.00E+00	0.00E+00
5475	462929.8	3773698.39	9.38E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	6.15E-06	0.00E+00	0.00E+00	0.00E+00
5476	462939.13	3773698.39	9.71E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	0.00E+00
5477	462948.45	3773698.39	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	0.00E+00
5478	462957.78	3773698.39	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	0.00E+00
5479	462967.11	3773698.39	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	7.10E-06	0.00E+00	0.00E+00	0.00E+00
5480	462976.44	3773698.39	1.12E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	7.36E-06	0.00E+00	0.00E+00	0.00E+00
5481	462985.76	3773698.39	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	7.62E-06	0.00E+00	0.00E+00	0.00E+00
5482	462995.09	3773698.39	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	7.88E-06	0.00E+00	0.00E+00	0.00E+00
5483	462929.8	3773728.39	8.26E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	5.42E-06	0.00E+00	0.00E+00	0.00E+00
5484	462939.13	3773728.39	8.53E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	0.00E+00
5485	462948.45	3773728.39	8.83E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.79E-06	0.00E+00	0.00E+00	0.00E+00
5486	462957.78	3773728.39	9.14E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00
5487	462967.11	3773728.39	9.46E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	0.00E+00
5488	462976.44	3773728.39	9.78E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	6.42E-06	0.00E+00	0.00E+00	0.00E+00
5489	462985.76	3773728.39	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	0.00E+00
5490	462995.09	3773728.39	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	6.84E-06	0.00E+00	0.00E+00	0.00E+00
5491	463004.42	3773728.39	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	0.00E+00
5492	462929.8	3773758.39	7.34E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	4.82E-06	0.00E+00	0.00E+00	0.00E+00
5493	462939.13	3773758.39	7.57E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	0.00E+00
5494	462948.45	3773758.39	7.82E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00
5495	462957.78	3773758.39	8.07E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	0.00E+00
5496	462967.11	3773758.39	8.33E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	0.00E+00
5497	462976.44	3773758.39	8.59E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	0.00E+00
5498	462985.76	3773758.39	8.86E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	5.81E-06	0.00E+00	0.00E+00	0.00E+00
5499	462995.09	3773758.39	9.13E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	0.00E+00
5500	463004.42	3773758.39	9.41E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	6.18E-06	0.00E+00	0.00E+00	0.00E+00
5501	462929.8	3773788.39	6.56E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00
5502	462939.13	3773788.39	6.76E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	0.00E+00
5503	462948.45	3773788.39	6.97E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	0.00E+00
5504	462957.78	3773788.39	7.18E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.71E-06	0.00E+00	0.00E+00	0.00E+00
5505	462967.11	3773788.39	7.41E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	0.00E+00
5506	462976.44	3773788.39	7.63E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	5.01E-06	0.00E+00	0.00E+00	0.00E+00
5507	462985.76	3773788.39	7.85E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00
5508	462995.09	3773788.39	8.08E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	0.00E+00
5509	462929.8	3773818.39	5.92E-05	0.00E+00	0.00E+00	0.00E+00	9.06E-06	0.00E+00	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	0.00E+00
5510	462939.13	3773818.39	6.09E-05	0.00E+00	0.00E+00	0.00E+00	9.32E-06	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00
5511	462948.45	3773818.39	6.26E-05	0.00E+00	0.00E+00	0.00E+00	9.59E-06	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00
5512	462957.78	3773818.39	6.44E-05	0.00E+00	0.00E+00	0.00E+00	9.86E-06	0.00E+00	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	0.00E+00
5513	462967.11	3773818.39	6.63E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	0.00E+00
5514	462976.44	3773818.39	6.82E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	0.00E+00
5515	462985.76	3773818.39	7.01E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	0.00E+00
5516	462995.09	3773818.39	7.20E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	0.00E+00

5517	462929.8	3773848.39	5.37E-05	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00
5518	462939.13	3773848.39	5.51E-05	0.00E+00	0.00E+00	0.00E+00	8.43E-06	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	0.00E+00
5519	462948.45	3773848.39	5.66E-05	0.00E+00	0.00E+00	0.00E+00	8.67E-06	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	0.00E+00
5520	462957.78	3773848.39	5.82E-05	0.00E+00	0.00E+00	0.00E+00	8.91E-06	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00
5521	462967.11	3773848.39	5.98E-05	0.00E+00	0.00E+00	0.00E+00	9.15E-06	0.00E+00	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	0.00E+00
5522	462976.44	3773848.39	6.14E-05	0.00E+00	0.00E+00	0.00E+00	9.40E-06	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	0.00E+00
5523	462985.76	3773848.39	6.30E-05	0.00E+00	0.00E+00	0.00E+00	9.65E-06	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00
5524	462995.09	3773848.39	6.47E-05	0.00E+00	0.00E+00	0.00E+00	9.91E-06	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00
5525	463004.42	3773848.39	6.64E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	0.00E+00
5526	462929.8	3773888.39	4.75E-05	0.00E+00	0.00E+00	0.00E+00	7.27E-06	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	0.00E+00
5527	462939.13	3773888.39	4.87E-05	0.00E+00	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	0.00E+00
5528	462948.45	3773888.39	5.00E-05	0.00E+00	0.00E+00	0.00E+00	7.65E-06	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00
5529	462957.78	3773888.39	5.13E-05	0.00E+00	0.00E+00	0.00E+00	7.85E-06	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	0.00E+00
5530	462967.11	3773888.39	5.26E-05	0.00E+00	0.00E+00	0.00E+00	8.05E-06	0.00E+00	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	0.00E+00
5531	462976.44	3773888.39	5.39E-05	0.00E+00	0.00E+00	0.00E+00	8.26E-06	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	0.00E+00
5532	462985.76	3773888.39	5.53E-05	0.00E+00	0.00E+00	0.00E+00	8.46E-06	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00
5533	462995.09	3773888.39	5.66E-05	0.00E+00	0.00E+00	0.00E+00	8.67E-06	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	0.00E+00
5534	462929.8	3773928.39	4.25E-05	0.00E+00	0.00E+00	0.00E+00	6.51E-06	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00
5535	462939.13	3773928.39	4.35E-05	0.00E+00	0.00E+00	0.00E+00	6.66E-06	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00
5536	462948.45	3773928.39	4.45E-05	0.00E+00	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	0.00E+00
5537	462957.78	3773928.39	4.56E-05	0.00E+00	0.00E+00	0.00E+00	6.98E-06	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00
5538	462967.11	3773928.39	4.67E-05	0.00E+00	0.00E+00	0.00E+00	7.14E-06	0.00E+00	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	0.00E+00
5539	462976.44	3773928.39	4.78E-05	0.00E+00	0.00E+00	0.00E+00	7.31E-06	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00
5540	462985.76	3773928.39	4.89E-05	0.00E+00	0.00E+00	0.00E+00	7.48E-06	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	0.00E+00
5541	462995.09	3773928.39	5.00E-05	0.00E+00	0.00E+00	0.00E+00	7.66E-06	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00
5542	462929.8	3773968.39	3.83E-05	0.00E+00	0.00E+00	0.00E+00	5.86E-06	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00
5543	462939.13	3773968.39	3.91E-05	0.00E+00	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
5544	462948.45	3773968.39	4.00E-05	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00
5545	462957.78	3773968.39	4.09E-05	0.00E+00	0.00E+00	0.00E+00	6.27E-06	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00
5546	462967.11	3773968.39	4.19E-05	0.00E+00	0.00E+00	0.00E+00	6.41E-06	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00
5547	462976.44	3773968.39	4.28E-05	0.00E+00	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00
5548	462985.76	3773968.39	4.37E-05	0.00E+00	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00
5549	462995.09	3773968.39	4.47E-05	0.00E+00	0.00E+00	0.00E+00	6.84E-06	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00
5550	463004.42	3773968.39	4.57E-05	0.00E+00	0.00E+00	0.00E+00	6.99E-06	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00
5551	462929.8	3774008.39	3.48E-05	0.00E+00	0.00E+00	0.00E+00	5.33E-06	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00
5552	462939.13	3774008.39	3.56E-05	0.00E+00	0.00E+00	0.00E+00	5.44E-06	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00
5553	462948.45	3774008.39	3.63E-05	0.00E+00	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00
5554	462957.78	3774008.39	3.71E-05	0.00E+00	0.00E+00	0.00E+00	5.67E-06	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00
5555	462967.11	3774008.39	3.78E-05	0.00E+00	0.00E+00	0.00E+00	5.79E-06	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00
5556	462976.44	3774008.39	3.86E-05	0.00E+00	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00
5557	462985.76	3774008.39	3.94E-05	0.00E+00	0.00E+00	0.00E+00	6.03E-06	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00
5558	462995.09	3774008.39	4.02E-05	0.00E+00	0.00E+00	0.00E+00	6.16E-06	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00
5559	463004.42	3774008.39	4.11E-05	0.00E+00	0.00E+00	0.00E+00	6.29E-06	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00
5560	462929.8	3774168.39	2.51E-05	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00
5561	462939.13	3774168.39	2.55E-05	0.00E+00	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
5562	462948.45	3774168.39	2.59E-05	0.00E+00	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00
5563	462957.78	3774168.39	2.64E-05	0.00E+00	0.00E+00	0.00E+00	4.04E-06	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00
5564	462967.11	3774168.39	2.68E-05	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00

5565	462976.44	3774168.39	2.73E-05	0.00E+00	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00
5566	462985.76	3774168.39	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
5567	462995.09	3774168.39	2.83E-05	0.00E+00	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00
5568	462929.8	3774208.39	2.34E-05	0.00E+00	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
5569	462939.13	3774208.39	2.38E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	0.00E+00
5570	462948.45	3774208.39	2.42E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
5571	462957.78	3774208.39	2.46E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
5572	462967.11	3774208.39	2.50E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
5573	462976.44	3774208.39	2.54E-05	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00
5574	462985.76	3774208.39	2.58E-05	0.00E+00	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00
5575	462995.09	3774208.39	2.62E-05	0.00E+00	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00
5576	462929.8	3774248.39	2.19E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00
5577	462939.13	3774248.39	2.23E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
5578	462948.45	3774248.39	2.26E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
5579	462957.78	3774248.39	2.30E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00
5580	462967.11	3774248.39	2.33E-05	0.00E+00	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
5581	462976.44	3774248.39	2.37E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
5582	462985.76	3774248.39	2.41E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
5583	462995.09	3774248.39	2.44E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
5584	463004.42	3774248.39	2.48E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00

			Year 1	Year 1	Year 1
1	463037.2	3773493	2.92E-03	4.48E-04	1.92E-04
2	463090.6	3773489	3.73E-03	5.71E-04	2.45E-04
3	463077.3	3773495	3.38E-03	5.17E-04	2.22E-04
4	463064.1	3773501	3.04E-03	4.65E-04	1.99E-04
5	463050.8	3773507	2.72E-03	4.17E-04	1.79E-04
6	463037.6	3773513	2.43E-03	3.72E-04	1.60E-04
7	463134.3	3773489	4.09E-03	6.26E-04	2.68E-04
8	463121.3	3773495	3.79E-03	5.80E-04	2.49E-04
9	463108.3	3773501	3.49E-03	5.34E-04	2.29E-04
10	463095.3	3773507	3.19E-03	4.89E-04	2.10E-04
11	463082.3	3773513	2.91E-03	4.46E-04	1.91E-04
12	463069.3	3773519	2.65E-03	4.05E-04	1.74E-04
13	463056.4	3773525	2.39E-03	3.66E-04	1.57E-04
14	463043.4	3773531	2.15E-03	3.29E-04	1.41E-04
15	463195.1	3773491	4.15E-03	6.35E-04	2.72E-04
16	463182	3773497	3.96E-03	6.06E-04	2.60E-04
17	463168.8	3773503	3.75E-03	5.74E-04	2.46E-04
18	463155.7	3773509	3.52E-03	5.40E-04	2.31E-04
19	463142.5	3773515	3.30E-03	5.05E-04	2.16E-04
20	463129.4	3773521	3.07E-03	4.69E-04	2.01E-04
21	463116.2	3773527	2.84E-03	4.34E-04	1.86E-04
22	463103.1	3773533	2.61E-03	3.99E-04	1.71E-04
23	463089.9	3773539	2.39E-03	3.65E-04	1.57E-04
24	463076.8	3773545	2.17E-03	3.33E-04	1.43E-04
25	463063.6	3773551	1.97E-03	3.02E-04	1.30E-04
26	463050.5	3773557	1.79E-03	2.73E-04	1.17E-04
27	463037.3	3773563	1.61E-03	2.47E-04	1.06E-04
28	463257.6	3773492	3.90E-03	5.97E-04	2.56E-04
29	463244.6	3773498	3.83E-03	5.86E-04	2.51E-04
30	463231.6	3773504	3.72E-03	5.69E-04	2.44E-04
31	463218.6	3773510	3.58E-03	5.48E-04	2.35E-04
32	463205.7	3773516	3.43E-03	5.26E-04	2.25E-04
33	463192.7	3773522	3.28E-03	5.02E-04	2.15E-04
34	463179.7	3773528	3.11E-03	4.77E-04	2.04E-04
35	463166.7	3773534	2.94E-03	4.50E-04	1.93E-04
36	463153.7	3773540	2.76E-03	4.22E-04	1.81E-04
37	463140.7	3773546	2.57E-03	3.93E-04	1.68E-04
38	463127.8	3773552	2.38E-03	3.65E-04	1.56E-04
39	463114.8	3773558	2.20E-03	3.37E-04	1.44E-04
40	463101.8	3773564	2.03E-03	3.10E-04	1.33E-04
41	463088.8	3773570	1.86E-03	2.85E-04	1.22E-04
42	463075.8	3773576	1.71E-03	2.61E-04	1.12E-04
43	463062.8	3773582	1.56E-03	2.39E-04	1.03E-04
44	463049.9	3773588	1.43E-03	2.19E-04	9.37E-05
45	463036.9	3773594	1.30E-03	2.00E-04	8.55E-05
46	463293.2	3773506	3.41E-03	5.23E-04	2.24E-04
47	463280.1	3773512	3.37E-03	5.15E-04	2.21E-04
48	463267	3773518	3.30E-03	5.05E-04	2.17E-04
49	463253.8	3773524	3.21E-03	4.92E-04	2.11E-04
50	463240.7	3773530	3.11E-03	4.77E-04	2.04E-04
51	463227.6	3773536	3.00E-03	4.59E-04	1.97E-04

52	463214.5	3773542	2.87E-03	4.40E-04	1.89E-04
53	463201.3	3773548	2.74E-03	4.19E-04	1.80E-04
54	463188.2	3773554	2.60E-03	3.98E-04	1.71E-04
55	463175.1	3773560	2.45E-03	3.75E-04	1.61E-04
56	463161.9	3773566	2.29E-03	3.51E-04	1.50E-04
57	463148.8	3773572	2.13E-03	3.26E-04	1.40E-04
58	463135.7	3773578	1.99E-03	3.04E-04	1.30E-04
59	463122.6	3773584	1.84E-03	2.82E-04	1.21E-04
60	463109.4	3773590	1.71E-03	2.61E-04	1.12E-04
61	463096.3	3773596	1.58E-03	2.41E-04	1.03E-04
62	463083.2	3773602	1.45E-03	2.22E-04	9.51E-05
63	463070.1	3773608	1.33E-03	2.04E-04	8.73E-05
64	463056.9	3773614	1.22E-03	1.87E-04	8.00E-05
65	463043.8	3773620	1.12E-03	1.71E-04	7.32E-05
66	463304.5	3773498	3.49E-03	5.35E-04	2.29E-04
67	463315.9	3773526	2.97E-03	4.55E-04	1.95E-04
68	463302.6	3773532	2.92E-03	4.48E-04	1.92E-04
69	463289.4	3773538	2.87E-03	4.39E-04	1.88E-04
70	463276.1	3773544	2.80E-03	4.29E-04	1.84E-04
71	463262.9	3773550	2.73E-03	4.17E-04	1.79E-04
72	463249.6	3773556	2.64E-03	4.04E-04	1.73E-04
73	463236.4	3773562	2.54E-03	3.88E-04	1.66E-04
74	463223.1	3773568	2.43E-03	3.71E-04	1.59E-04
75	463209.8	3773574	2.31E-03	3.53E-04	1.51E-04
76	463196.6	3773580	2.18E-03	3.34E-04	1.43E-04
77	463183.3	3773586	2.06E-03	3.15E-04	1.35E-04
78	463170.1	3773592	1.93E-03	2.95E-04	1.27E-04
79	463156.8	3773599	1.81E-03	2.76E-04	1.19E-04
80	463143.6	3773605	1.69E-03	2.58E-04	1.11E-04
81	463130.3	3773611	1.57E-03	2.40E-04	1.03E-04
82	463117.1	3773617	1.46E-03	2.23E-04	9.56E-05
83	463103.8	3773623	1.35E-03	2.06E-04	8.83E-05
84	463090.6	3773629	1.24E-03	1.90E-04	8.13E-05
85	463077.3	3773635	1.14E-03	1.75E-04	7.50E-05
86	463064.1	3773641	1.05E-03	1.61E-04	6.92E-05
87	463050.8	3773647	9.72E-04	1.49E-04	6.38E-05
88	463037.6	3773653	8.95E-04	1.37E-04	5.87E-05
89	463327.3	3773517	3.04E-03	4.66E-04	2.00E-04
90	463338.7	3773545	2.61E-03	4.00E-04	1.71E-04
91	463325.6	3773551	2.58E-03	3.94E-04	1.69E-04
92	463312.4	3773557	2.53E-03	3.87E-04	1.66E-04
93	463299.3	3773563	2.48E-03	3.79E-04	1.63E-04
94	463286.2	3773569	2.41E-03	3.70E-04	1.58E-04
95	463273.1	3773575	2.34E-03	3.58E-04	1.54E-04
96	463260	3773581	2.26E-03	3.45E-04	1.48E-04
97	463246.9	3773587	2.17E-03	3.32E-04	1.42E-04
98	463233.8	3773593	2.07E-03	3.17E-04	1.36E-04
99	463220.7	3773599	1.97E-03	3.02E-04	1.29E-04
100	463207.6	3773605	1.87E-03	2.87E-04	1.23E-04
101	463194.5	3773611	1.77E-03	2.71E-04	1.16E-04
102	463181.4	3773617	1.67E-03	2.56E-04	1.10E-04
103	463168.3	3773623	1.57E-03	2.41E-04	1.03E-04

104	463155.2	3773629	1.47E-03	2.26E-04	9.67E-05
105	463142.1	3773635	1.38E-03	2.11E-04	9.03E-05
106	463128.9	3773641	1.28E-03	1.96E-04	8.41E-05
107	463115.8	3773647	1.19E-03	1.82E-04	7.82E-05
108	463102.7	3773653	1.11E-03	1.69E-04	7.26E-05
109	463089.6	3773659	1.03E-03	1.57E-04	6.74E-05
110	463076.5	3773665	9.52E-04	1.46E-04	6.25E-05
111	463063.4	3773671	8.80E-04	1.35E-04	5.78E-05
112	463050.3	3773677	8.14E-04	1.25E-04	5.34E-05
113	463037.2	3773683	7.53E-04	1.15E-04	4.94E-05
114	463350	3773537	2.67E-03	4.09E-04	1.75E-04
115	463361.3	3773565	2.30E-03	3.53E-04	1.51E-04
116	463348.1	3773571	2.28E-03	3.48E-04	1.49E-04
117	463334.9	3773577	2.24E-03	3.43E-04	1.47E-04
118	463321.7	3773583	2.19E-03	3.36E-04	1.44E-04
119	463308.5	3773589	2.14E-03	3.27E-04	1.40E-04
120	463295.2	3773595	2.08E-03	3.18E-04	1.36E-04
121	463282	3773601	2.01E-03	3.08E-04	1.32E-04
122	463268.8	3773607	1.94E-03	2.97E-04	1.27E-04
123	463255.6	3773613	1.86E-03	2.85E-04	1.22E-04
124	463242.4	3773619	1.78E-03	2.73E-04	1.17E-04
125	463229.1	3773625	1.70E-03	2.60E-04	1.11E-04
126	463215.9	3773632	1.61E-03	2.47E-04	1.06E-04
127	463202.7	3773638	1.52E-03	2.33E-04	1.00E-04
128	463189.5	3773644	1.44E-03	2.20E-04	9.42E-05
129	463176.3	3773650	1.35E-03	2.07E-04	8.86E-05
130	463163	3773656	1.27E-03	1.94E-04	8.31E-05
131	463149.8	3773662	1.19E-03	1.82E-04	7.79E-05
132	463136.6	3773668	1.11E-03	1.70E-04	7.29E-05
133	463123.4	3773674	1.04E-03	1.59E-04	6.81E-05
134	463110.2	3773680	9.69E-04	1.48E-04	6.36E-05
135	463097	3773686	9.03E-04	1.38E-04	5.93E-05
136	463083.7	3773692	8.39E-04	1.28E-04	5.50E-05
137	463070.5	3773698	7.78E-04	1.19E-04	5.10E-05
138	463057.3	3773704	7.22E-04	1.11E-04	4.74E-05
139	463044.1	3773710	6.71E-04	1.03E-04	4.41E-05
140	463372.7	3773556	2.36E-03	3.61E-04	1.55E-04
141	463384.1	3773584	2.06E-03	3.15E-04	1.35E-04
142	463371	3773590	2.03E-03	3.11E-04	1.33E-04
143	463357.9	3773596	2.00E-03	3.07E-04	1.32E-04
144	463344.8	3773602	1.96E-03	3.00E-04	1.29E-04
145	463331.7	3773608	1.92E-03	2.93E-04	1.26E-04
146	463318.6	3773614	1.87E-03	2.86E-04	1.23E-04
147	463305.6	3773620	1.81E-03	2.78E-04	1.19E-04
148	463292.5	3773626	1.76E-03	2.69E-04	1.15E-04
149	463279.4	3773632	1.69E-03	2.59E-04	1.11E-04
150	463266.3	3773638	1.62E-03	2.48E-04	1.06E-04
151	463253.2	3773644	1.55E-03	2.37E-04	1.02E-04
152	463240.1	3773650	1.48E-03	2.26E-04	9.70E-05
153	463227	3773656	1.40E-03	2.15E-04	9.22E-05
154	463213.9	3773662	1.33E-03	2.04E-04	8.75E-05
155	463200.8	3773668	1.26E-03	1.93E-04	8.29E-05

156	463187.7	3773674	1.19E-03	1.83E-04	7.83E-05
157	463174.6	3773680	1.13E-03	1.72E-04	7.38E-05
158	463161.5	3773686	1.06E-03	1.62E-04	6.95E-05
159	463148.4	3773692	9.94E-04	1.52E-04	6.52E-05
160	463135.4	3773698	9.31E-04	1.43E-04	6.11E-05
161	463122.3	3773704	8.72E-04	1.33E-04	5.72E-05
162	463109.2	3773710	8.15E-04	1.25E-04	5.35E-05
163	463096.1	3773716	7.61E-04	1.17E-04	5.00E-05
164	463083	3773722	7.12E-04	1.09E-04	4.67E-05
165	463069.9	3773728	6.66E-04	1.02E-04	4.37E-05
166	463056.8	3773734	6.22E-04	9.52E-05	4.08E-05
167	463043.7	3773740	5.79E-04	8.87E-05	3.80E-05
168	463395.4	3773576	2.10E-03	3.22E-04	1.38E-04
169	463406.8	3773604	1.84E-03	2.82E-04	1.21E-04
170	463393.6	3773610	1.82E-03	2.79E-04	1.19E-04
171	463380.4	3773616	1.79E-03	2.75E-04	1.18E-04
172	463367.2	3773622	1.76E-03	2.70E-04	1.16E-04
173	463354	3773628	1.72E-03	2.64E-04	1.13E-04
174	463340.8	3773634	1.68E-03	2.58E-04	1.10E-04
175	463327.6	3773640	1.63E-03	2.50E-04	1.07E-04
176	463314.4	3773646	1.58E-03	2.42E-04	1.04E-04
177	463301.2	3773652	1.53E-03	2.34E-04	1.00E-04
178	463288.1	3773658	1.47E-03	2.25E-04	9.65E-05
179	463274.9	3773664	1.41E-03	2.16E-04	9.27E-05
180	463261.7	3773671	1.35E-03	2.07E-04	8.87E-05
181	463248.5	3773677	1.29E-03	1.98E-04	8.47E-05
182	463235.3	3773683	1.23E-03	1.88E-04	8.07E-05
183	463222.1	3773689	1.17E-03	1.79E-04	7.66E-05
184	463208.9	3773695	1.11E-03	1.69E-04	7.26E-05
185	463195.7	3773701	1.04E-03	1.60E-04	6.86E-05
186	463182.5	3773707	9.86E-04	1.51E-04	6.47E-05
187	463169.3	3773713	9.28E-04	1.42E-04	6.09E-05
188	463156.1	3773719	8.74E-04	1.34E-04	5.73E-05
189	463142.9	3773725	8.22E-04	1.26E-04	5.39E-05
190	463129.7	3773731	7.73E-04	1.18E-04	5.07E-05
191	463116.6	3773737	7.26E-04	1.11E-04	4.76E-05
192	463103.4	3773743	6.81E-04	1.04E-04	4.47E-05
193	463090.2	3773749	6.39E-04	9.77E-05	4.19E-05
194	463077	3773755	5.98E-04	9.15E-05	3.92E-05
195	463063.8	3773761	5.60E-04	8.57E-05	3.67E-05
196	463050.6	3773767	5.23E-04	8.01E-05	3.43E-05
197	463037.4	3773773	4.90E-04	7.50E-05	3.22E-05
198	463403.4	3773636	1.62E-03	2.48E-04	1.06E-04
199	463390.3	3773642	1.59E-03	2.44E-04	1.05E-04
200	463377.2	3773648	1.56E-03	2.39E-04	1.03E-04
201	463364.2	3773654	1.53E-03	2.34E-04	1.00E-04
202	463351.1	3773660	1.49E-03	2.28E-04	9.78E-05
203	463338	3773666	1.44E-03	2.21E-04	9.48E-05
204	463324.9	3773672	1.40E-03	2.14E-04	9.18E-05
205	463311.8	3773678	1.35E-03	2.07E-04	8.87E-05
206	463298.7	3773684	1.30E-03	1.99E-04	8.55E-05
207	463285.7	3773690	1.25E-03	1.92E-04	8.21E-05

208	463272.6	3773696	1.20E-03	1.83E-04	7.86E-05
209	463259.5	3773702	1.14E-03	1.75E-04	7.51E-05
210	463246.4	3773708	1.09E-03	1.67E-04	7.16E-05
211	463233.3	3773714	1.04E-03	1.59E-04	6.81E-05
212	463220.3	3773720	9.85E-04	1.51E-04	6.47E-05
213	463207.2	3773726	9.35E-04	1.43E-04	6.14E-05
214	463194.1	3773731	8.86E-04	1.36E-04	5.81E-05
215	463181	3773737	8.38E-04	1.28E-04	5.50E-05
216	463167.9	3773743	7.92E-04	1.21E-04	5.20E-05
217	463154.9	3773749	7.48E-04	1.15E-04	4.91E-05
218	463141.8	3773755	7.06E-04	1.08E-04	4.63E-05
219	463128.7	3773761	6.64E-04	1.02E-04	4.36E-05
220	463115.6	3773767	6.24E-04	9.56E-05	4.10E-05
221	463102.5	3773773	5.87E-04	8.99E-05	3.85E-05
222	463089.5	3773779	5.52E-04	8.46E-05	3.62E-05
223	463076.4	3773785	5.20E-04	7.96E-05	3.41E-05
224	463063.3	3773791	4.89E-04	7.49E-05	3.21E-05
225	463050.2	3773797	4.60E-04	7.03E-05	3.02E-05
226	463037.1	3773803	4.31E-04	6.60E-05	2.83E-05
227	463440.9	3773615	1.69E-03	2.59E-04	1.11E-04
228	463452.2	3773643	1.50E-03	2.30E-04	9.87E-05
229	463439.1	3773649	1.49E-03	2.28E-04	9.77E-05
230	463399.5	3773667	1.42E-03	2.17E-04	9.32E-05
231	463386.4	3773673	1.39E-03	2.13E-04	9.12E-05
232	463373.2	3773679	1.36E-03	2.08E-04	8.90E-05
233	463360	3773685	1.32E-03	2.02E-04	8.66E-05
234	463346.9	3773692	1.28E-03	1.96E-04	8.40E-05
235	463333.7	3773698	1.24E-03	1.90E-04	8.13E-05
236	463320.5	3773704	1.19E-03	1.83E-04	7.84E-05
237	463307.4	3773710	1.15E-03	1.76E-04	7.54E-05
238	463294.2	3773716	1.10E-03	1.69E-04	7.24E-05
239	463281	3773722	1.06E-03	1.62E-04	6.94E-05
240	463267.8	3773728	1.01E-03	1.55E-04	6.64E-05
241	463254.7	3773734	9.66E-04	1.48E-04	6.34E-05
242	463241.5	3773740	9.21E-04	1.41E-04	6.05E-05
243	463228.3	3773746	8.77E-04	1.34E-04	5.75E-05
244	463215.2	3773752	8.32E-04	1.27E-04	5.46E-05
245	463202	3773758	7.89E-04	1.21E-04	5.18E-05
246	463188.8	3773764	7.47E-04	1.14E-04	4.90E-05
247	463175.6	3773770	7.07E-04	1.08E-04	4.64E-05
248	463162.5	3773776	6.70E-04	1.03E-04	4.40E-05
249	463149.3	3773782	6.35E-04	9.72E-05	4.17E-05
250	463136.1	3773788	5.98E-04	9.16E-05	3.93E-05
251	463123	3773794	5.64E-04	8.63E-05	3.70E-05
252	463109.8	3773800	5.32E-04	8.15E-05	3.49E-05
253	463096.6	3773806	5.02E-04	7.69E-05	3.30E-05
254	463083.4	3773812	4.73E-04	7.25E-05	3.11E-05
255	463070.3	3773818	4.46E-04	6.83E-05	2.93E-05
256	463057.1	3773824	4.20E-04	6.43E-05	2.76E-05
257	463043.9	3773830	3.96E-04	6.06E-05	2.60E-05
258	463463.6	3773635	1.53E-03	2.34E-04	1.00E-04
259	463482.6	3773669	1.33E-03	2.03E-04	8.71E-05

260	463469.5	3773675	1.32E-03	2.02E-04	8.64E-05
261	463456.4	3773681	1.30E-03	1.99E-04	8.55E-05
262	463443.3	3773687	1.28E-03	1.96E-04	8.42E-05
263	463404	3773705	1.21E-03	1.85E-04	7.93E-05
264	463390.9	3773711	1.18E-03	1.81E-04	7.75E-05
265	463377.8	3773717	1.15E-03	1.76E-04	7.55E-05
266	463364.7	3773723	1.12E-03	1.71E-04	7.32E-05
267	463351.6	3773729	1.08E-03	1.65E-04	7.08E-05
268	463338.5	3773735	1.04E-03	1.59E-04	6.84E-05
269	463325.4	3773741	1.00E-03	1.54E-04	6.59E-05
270	463312.3	3773747	9.67E-04	1.48E-04	6.35E-05
271	463299.2	3773753	9.28E-04	1.42E-04	6.09E-05
272	463286.1	3773759	8.89E-04	1.36E-04	5.84E-05
273	463273	3773765	8.50E-04	1.30E-04	5.58E-05
274	463259.9	3773771	8.12E-04	1.24E-04	5.33E-05
275	463246.8	3773777	7.74E-04	1.19E-04	5.08E-05
276	463233.7	3773783	7.38E-04	1.13E-04	4.85E-05
277	463220.6	3773789	7.03E-04	1.08E-04	4.62E-05
278	463207.5	3773795	6.69E-04	1.02E-04	4.39E-05
279	463194.4	3773801	6.36E-04	9.74E-05	4.18E-05
280	463181.3	3773807	6.04E-04	9.25E-05	3.97E-05
281	463168.2	3773813	5.73E-04	8.77E-05	3.76E-05
282	463155.1	3773819	5.43E-04	8.32E-05	3.57E-05
283	463142	3773825	5.15E-04	7.88E-05	3.38E-05
284	463128.9	3773831	4.87E-04	7.46E-05	3.20E-05
285	463115.8	3773837	4.62E-04	7.06E-05	3.03E-05
286	463102.7	3773843	4.37E-04	6.69E-05	2.87E-05
287	463089.6	3773849	4.14E-04	6.34E-05	2.72E-05
288	463076.5	3773855	3.92E-04	6.01E-05	2.58E-05
289	463063.4	3773861	3.72E-04	5.69E-05	2.44E-05
290	463050.3	3773867	3.51E-04	5.38E-05	2.31E-05
291	463037.2	3773873	3.32E-04	5.08E-05	2.18E-05
292	463493.9	3773661	1.35E-03	2.06E-04	8.85E-05
293	463512.8	3773695	1.18E-03	1.81E-04	7.75E-05
294	463499.6	3773702	1.17E-03	1.79E-04	7.68E-05
295	463486.4	3773708	1.16E-03	1.77E-04	7.60E-05
296	463473.2	3773714	1.14E-03	1.75E-04	7.50E-05
297	463460	3773720	1.12E-03	1.72E-04	7.38E-05
298	463446.8	3773726	1.11E-03	1.69E-04	7.26E-05
299	463407.2	3773744	1.04E-03	1.58E-04	6.79E-05
300	463394	3773750	1.01E-03	1.54E-04	6.61E-05
301	463380.8	3773756	9.77E-04	1.49E-04	6.41E-05
302	463367.5	3773762	9.45E-04	1.45E-04	6.20E-05
303	463354.3	3773768	9.13E-04	1.40E-04	5.99E-05
304	463341.1	3773774	8.82E-04	1.35E-04	5.79E-05
305	463327.9	3773780	8.49E-04	1.30E-04	5.57E-05
306	463314.7	3773786	8.14E-04	1.25E-04	5.34E-05
307	463301.5	3773792	7.81E-04	1.20E-04	5.12E-05
308	463288.3	3773798	7.49E-04	1.15E-04	4.91E-05
309	463275.1	3773804	7.17E-04	1.10E-04	4.71E-05
310	463261.9	3773810	6.86E-04	1.05E-04	4.50E-05
311	463248.7	3773816	6.54E-04	1.00E-04	4.29E-05

312	463235.5	3773823	6.24E-04	9.55E-05	4.09E-05
313	463222.3	3773829	5.94E-04	9.10E-05	3.90E-05
314	463209.1	3773835	5.66E-04	8.66E-05	3.71E-05
315	463195.9	3773841	5.39E-04	8.25E-05	3.53E-05
316	463182.7	3773847	5.13E-04	7.85E-05	3.37E-05
317	463169.5	3773853	4.88E-04	7.47E-05	3.20E-05
318	463156.3	3773859	4.64E-04	7.10E-05	3.05E-05
319	463143.1	3773865	4.41E-04	6.76E-05	2.90E-05
320	463129.9	3773871	4.19E-04	6.42E-05	2.75E-05
321	463524.2	3773687	1.20E-03	1.84E-04	7.88E-05
322	463543.1	3773722	1.06E-03	1.62E-04	6.94E-05
323	463530	3773728	1.05E-03	1.61E-04	6.88E-05
324	463516.8	3773734	1.04E-03	1.59E-04	6.82E-05
325	463503.7	3773740	1.03E-03	1.57E-04	6.74E-05
326	463490.6	3773746	1.01E-03	1.55E-04	6.65E-05
327	463477.4	3773752	9.97E-04	1.53E-04	6.54E-05
328	463464.3	3773758	9.78E-04	1.50E-04	6.42E-05
329	463451.2	3773764	9.58E-04	1.47E-04	6.29E-05
330	463398.6	3773788	8.64E-04	1.32E-04	5.67E-05
331	463385.5	3773794	8.38E-04	1.28E-04	5.50E-05
332	463372.3	3773800	8.12E-04	1.24E-04	5.33E-05
333	463359.2	3773806	7.85E-04	1.20E-04	5.15E-05
334	463346	3773812	7.55E-04	1.16E-04	4.96E-05
335	463332.9	3773818	7.27E-04	1.11E-04	4.77E-05
336	463319.8	3773824	6.99E-04	1.07E-04	4.59E-05
337	463306.6	3773830	6.72E-04	1.03E-04	4.41E-05
338	463293.5	3773836	6.45E-04	9.87E-05	4.23E-05
339	463280.3	3773842	6.18E-04	9.46E-05	4.06E-05
340	463267.2	3773848	5.91E-04	9.05E-05	3.88E-05
341	463254.1	3773854	5.65E-04	8.65E-05	3.71E-05
342	463240.9	3773860	5.40E-04	8.26E-05	3.54E-05
343	463227.8	3773866	5.16E-04	7.90E-05	3.39E-05
344	463554.5	3773713	1.07E-03	1.64E-04	7.05E-05
345	463573.4	3773748	9.54E-04	1.46E-04	6.26E-05
346	463560.1	3773754	9.47E-04	1.45E-04	6.21E-05
347	463546.9	3773760	9.38E-04	1.44E-04	6.15E-05
348	463533.7	3773766	9.27E-04	1.42E-04	6.08E-05
349	463520.4	3773772	9.14E-04	1.40E-04	6.00E-05
350	463507.2	3773778	9.00E-04	1.38E-04	5.91E-05
351	463494	3773784	8.85E-04	1.36E-04	5.81E-05
352	463480.8	3773790	8.69E-04	1.33E-04	5.70E-05
353	463467.5	3773796	8.51E-04	1.30E-04	5.58E-05
354	463454.3	3773802	8.32E-04	1.27E-04	5.46E-05
355	463441.1	3773808	8.12E-04	1.24E-04	5.33E-05
356	463401.4	3773827	7.44E-04	1.14E-04	4.88E-05
357	463388.1	3773833	7.20E-04	1.10E-04	4.72E-05
358	463374.9	3773839	6.96E-04	1.07E-04	4.57E-05
359	463361.7	3773845	6.73E-04	1.03E-04	4.41E-05
360	463348.4	3773851	6.49E-04	9.93E-05	4.26E-05
361	463335.2	3773857	6.25E-04	9.57E-05	4.10E-05
362	463322	3773863	6.01E-04	9.20E-05	3.94E-05
363	463308.7	3773869	5.76E-04	8.83E-05	3.78E-05

364	463584.7	3773739	9.68E-04	1.48E-04	6.35E-05
365	463603.7	3773774	8.67E-04	1.33E-04	5.69E-05
366	463590.5	3773780	8.60E-04	1.32E-04	5.64E-05
367	463577.4	3773786	8.51E-04	1.30E-04	5.59E-05
368	463564.2	3773792	8.42E-04	1.29E-04	5.53E-05
369	463551	3773798	8.32E-04	1.27E-04	5.46E-05
370	463537.8	3773804	8.21E-04	1.26E-04	5.39E-05
371	463524.7	3773810	8.08E-04	1.24E-04	5.30E-05
372	463511.5	3773816	7.94E-04	1.22E-04	5.21E-05
373	463498.3	3773822	7.78E-04	1.19E-04	5.11E-05
374	463485.2	3773828	7.61E-04	1.17E-04	5.00E-05
375	463472	3773834	7.44E-04	1.14E-04	4.88E-05
376	463458.8	3773840	7.26E-04	1.11E-04	4.76E-05
377	463445.6	3773846	7.07E-04	1.08E-04	4.64E-05
378	463406.1	3773864	6.49E-04	9.93E-05	4.26E-05
379	463615	3773765	8.78E-04	1.34E-04	5.76E-05
380	463633.9	3773800	7.89E-04	1.21E-04	5.18E-05
381	463620.7	3773806	7.84E-04	1.20E-04	5.14E-05
382	463607.4	3773812	7.77E-04	1.19E-04	5.10E-05
383	463594.2	3773818	7.70E-04	1.18E-04	5.05E-05
384	463580.9	3773824	7.61E-04	1.16E-04	4.99E-05
385	463567.7	3773830	7.50E-04	1.15E-04	4.92E-05
386	463554.4	3773836	7.38E-04	1.13E-04	4.84E-05
387	463541.2	3773842	7.26E-04	1.11E-04	4.77E-05
388	463527.9	3773849	7.14E-04	1.09E-04	4.68E-05
389	463514.7	3773855	7.00E-04	1.07E-04	4.59E-05
390	463501.4	3773861	6.85E-04	1.05E-04	4.50E-05
391	463488.2	3773867	6.70E-04	1.03E-04	4.40E-05
392	463474.9	3773873	6.53E-04	1.00E-04	4.29E-05
393	463461.7	3773879	6.36E-04	9.74E-05	4.18E-05
394	463448.4	3773885	6.19E-04	9.47E-05	4.06E-05
395	463645.3	3773791	8.00E-04	1.23E-04	5.25E-05
396	463664.3	3773826	7.26E-04	1.11E-04	4.76E-05
397	463651.1	3773832	7.21E-04	1.10E-04	4.73E-05
398	463637.9	3773838	7.15E-04	1.09E-04	4.69E-05
399	463624.7	3773844	7.08E-04	1.08E-04	4.65E-05
400	463611.5	3773850	7.01E-04	1.07E-04	4.60E-05
401	463598.3	3773856	6.92E-04	1.06E-04	4.54E-05
402	463585.1	3773862	6.82E-04	1.04E-04	4.48E-05
403	463571.9	3773868	6.71E-04	1.03E-04	4.40E-05
404	463558.7	3773874	6.60E-04	1.01E-04	4.33E-05
405	463545.5	3773881	6.48E-04	9.92E-05	4.25E-05
406	463532.3	3773887	6.36E-04	9.73E-05	4.17E-05
407	463519.1	3773893	6.22E-04	9.53E-05	4.08E-05
408	463505.9	3773899	6.08E-04	9.31E-05	3.99E-05
409	463492.7	3773905	5.93E-04	9.07E-05	3.89E-05
410	463479.5	3773911	5.77E-04	8.84E-05	3.79E-05
411	463466.3	3773917	5.62E-04	8.61E-05	3.69E-05
412	463453.1	3773923	5.47E-04	8.38E-05	3.59E-05
413	463675.6	3773818	7.34E-04	1.12E-04	4.82E-05
414	463694.6	3773852	6.69E-04	1.02E-04	4.39E-05
415	463681.4	3773858	6.65E-04	1.02E-04	4.36E-05

416	463668.3	3773864	6.59E-04	1.01E-04	4.33E-05
417	463655.1	3773870	6.53E-04	1.00E-04	4.29E-05
418	463642	3773876	6.47E-04	9.91E-05	4.25E-05
419	463628.9	3773882	6.40E-04	9.80E-05	4.20E-05
420	463615.7	3773888	6.31E-04	9.67E-05	4.14E-05
421	463602.6	3773894	6.22E-04	9.52E-05	4.08E-05
422	463589.4	3773900	6.12E-04	9.37E-05	4.02E-05
423	463576.3	3773906	6.02E-04	9.21E-05	3.95E-05
424	463563.1	3773912	5.91E-04	9.05E-05	3.88E-05
425	463550	3773918	5.80E-04	8.88E-05	3.81E-05
426	463536.8	3773924	5.68E-04	8.69E-05	3.73E-05
427	463523.7	3773931	5.55E-04	8.49E-05	3.64E-05
428	463705.9	3773844	6.76E-04	1.04E-04	4.44E-05
429	463724.8	3773878	6.18E-04	9.46E-05	4.06E-05
430	463711.6	3773884	6.15E-04	9.41E-05	4.03E-05
431	463698.4	3773890	6.10E-04	9.34E-05	4.01E-05
432	463685.2	3773897	6.05E-04	9.26E-05	3.97E-05
433	463672	3773903	6.00E-04	9.18E-05	3.94E-05
434	463658.7	3773909	5.94E-04	9.09E-05	3.90E-05
435	463645.5	3773915	5.87E-04	8.98E-05	3.85E-05
436	463632.3	3773921	5.79E-04	8.87E-05	3.80E-05
437	463619.1	3773927	5.70E-04	8.73E-05	3.74E-05
438	463736.2	3773870	6.25E-04	9.57E-05	4.10E-05
439	463755.2	3773904	5.73E-04	8.77E-05	3.76E-05
440	463742	3773910	5.70E-04	8.73E-05	3.74E-05
441	463728.8	3773917	5.67E-04	8.68E-05	3.72E-05
442	463715.6	3773923	5.63E-04	8.62E-05	3.69E-05
443	463702.5	3773929	5.58E-04	8.54E-05	3.66E-05
444	463766.5	3773896	5.79E-04	8.86E-05	3.80E-05
445	463307.8	3773489	3.62E-03	5.55E-04	2.38E-04
446	463336.8	3773491	3.35E-03	5.12E-04	2.20E-04
447	463333.6	3773500	3.25E-03	4.97E-04	2.13E-04
448	463330.4	3773509	3.15E-03	4.82E-04	2.06E-04
449	463366	3773493	3.09E-03	4.73E-04	2.03E-04
450	463362.8	3773502	3.01E-03	4.61E-04	1.97E-04
451	463359.6	3773511	2.93E-03	4.48E-04	1.92E-04
452	463356.4	3773519	2.84E-03	4.35E-04	1.87E-04
453	463353.2	3773528	2.76E-03	4.22E-04	1.81E-04
454	463395.3	3773495	2.84E-03	4.35E-04	1.87E-04
455	463392.1	3773504	2.78E-03	4.25E-04	1.82E-04
456	463388.9	3773513	2.71E-03	4.16E-04	1.78E-04
457	463385.6	3773521	2.65E-03	4.05E-04	1.74E-04
458	463382.4	3773530	2.58E-03	3.95E-04	1.69E-04
459	463379.2	3773539	2.51E-03	3.84E-04	1.65E-04
460	463375.9	3773548	2.43E-03	3.73E-04	1.60E-04
461	463405.2	3773550	2.29E-03	3.51E-04	1.50E-04
462	463401.9	3773558	2.23E-03	3.41E-04	1.46E-04
463	463398.7	3773567	2.17E-03	3.32E-04	1.42E-04
464	463456.5	3773492	2.42E-03	3.70E-04	1.59E-04
465	463453.3	3773501	2.39E-03	3.66E-04	1.57E-04
466	463450.1	3773509	2.36E-03	3.61E-04	1.55E-04
467	463446.9	3773518	2.32E-03	3.55E-04	1.52E-04

468	463443.7	3773526	2.28E-03	3.49E-04	1.50E-04
469	463440.5	3773535	2.24E-03	3.43E-04	1.47E-04
470	463437.3	3773544	2.19E-03	3.36E-04	1.44E-04
471	463485.9	3773494	2.21E-03	3.39E-04	1.45E-04
472	463482.7	3773502	2.19E-03	3.36E-04	1.44E-04
473	463479.5	3773511	2.17E-03	3.32E-04	1.42E-04
474	463476.2	3773520	2.14E-03	3.28E-04	1.41E-04
475	463473	3773528	2.11E-03	3.24E-04	1.39E-04
476	463469.8	3773537	2.08E-03	3.19E-04	1.37E-04
477	463466.6	3773546	2.05E-03	3.13E-04	1.34E-04
478	463463.4	3773554	2.01E-03	3.07E-04	1.32E-04
479	463460.2	3773563	1.97E-03	3.01E-04	1.29E-04
480	463456.9	3773572	1.92E-03	2.94E-04	1.26E-04
481	463453.7	3773580	1.88E-03	2.87E-04	1.23E-04
482	463450.5	3773589	1.83E-03	2.80E-04	1.20E-04
483	463447.3	3773598	1.78E-03	2.73E-04	1.17E-04
484	463444.1	3773606	1.74E-03	2.66E-04	1.14E-04
485	463518.6	3773486	2.04E-03	3.13E-04	1.34E-04
486	463515.3	3773495	2.03E-03	3.11E-04	1.33E-04
487	463512.1	3773504	2.02E-03	3.09E-04	1.33E-04
488	463508.9	3773512	2.00E-03	3.07E-04	1.32E-04
489	463505.6	3773521	1.98E-03	3.04E-04	1.30E-04
490	463502.4	3773530	1.96E-03	3.00E-04	1.29E-04
491	463499.2	3773539	1.94E-03	2.96E-04	1.27E-04
492	463495.9	3773547	1.91E-03	2.92E-04	1.25E-04
493	463492.7	3773556	1.88E-03	2.87E-04	1.23E-04
494	463489.5	3773565	1.84E-03	2.82E-04	1.21E-04
495	463486.2	3773574	1.81E-03	2.77E-04	1.19E-04
496	463483	3773582	1.77E-03	2.71E-04	1.16E-04
497	463479.8	3773591	1.74E-03	2.66E-04	1.14E-04
498	463476.5	3773600	1.69E-03	2.59E-04	1.11E-04
499	463473.3	3773609	1.65E-03	2.53E-04	1.09E-04
500	463470	3773617	1.61E-03	2.47E-04	1.06E-04
501	463466.8	3773626	1.57E-03	2.41E-04	1.03E-04
502	463558.6	3773486	1.81E-03	2.77E-04	1.19E-04
503	463555.3	3773495	1.81E-03	2.77E-04	1.19E-04
504	463552.1	3773504	1.80E-03	2.76E-04	1.18E-04
505	463548.9	3773512	1.79E-03	2.75E-04	1.18E-04
506	463545.6	3773521	1.78E-03	2.73E-04	1.17E-04
507	463542.4	3773530	1.77E-03	2.71E-04	1.16E-04
508	463539.2	3773539	1.76E-03	2.69E-04	1.15E-04
509	463535.9	3773547	1.74E-03	2.66E-04	1.14E-04
510	463532.7	3773556	1.71E-03	2.62E-04	1.12E-04
511	463529.5	3773565	1.69E-03	2.59E-04	1.11E-04
512	463526.2	3773573	1.66E-03	2.55E-04	1.09E-04
513	463523	3773582	1.64E-03	2.51E-04	1.07E-04
514	463519.8	3773591	1.61E-03	2.46E-04	1.06E-04
515	463516.5	3773600	1.58E-03	2.42E-04	1.04E-04
516	463513.3	3773608	1.55E-03	2.37E-04	1.02E-04
517	463510	3773617	1.52E-03	2.32E-04	9.95E-05
518	463506.8	3773626	1.48E-03	2.27E-04	9.74E-05
519	463503.6	3773635	1.45E-03	2.22E-04	9.52E-05

520	463500.3	3773643	1.42E-03	2.17E-04	9.29E-05
521	463497.1	3773652	1.38E-03	2.12E-04	9.07E-05
522	463598.6	3773486	1.61E-03	2.46E-04	1.06E-04
523	463595.3	3773495	1.61E-03	2.47E-04	1.06E-04
524	463592.1	3773504	1.61E-03	2.46E-04	1.06E-04
525	463588.9	3773512	1.61E-03	2.46E-04	1.05E-04
526	463585.6	3773521	1.60E-03	2.45E-04	1.05E-04
527	463582.4	3773530	1.59E-03	2.44E-04	1.05E-04
528	463579.2	3773538	1.58E-03	2.43E-04	1.04E-04
529	463575.9	3773547	1.57E-03	2.41E-04	1.03E-04
530	463572.7	3773556	1.56E-03	2.39E-04	1.02E-04
531	463569.5	3773565	1.54E-03	2.36E-04	1.01E-04
532	463566.2	3773573	1.53E-03	2.33E-04	1.00E-04
533	463563	3773582	1.51E-03	2.31E-04	9.88E-05
534	463559.8	3773591	1.48E-03	2.27E-04	9.74E-05
535	463556.5	3773600	1.46E-03	2.24E-04	9.60E-05
536	463553.3	3773608	1.44E-03	2.21E-04	9.46E-05
537	463550	3773617	1.42E-03	2.17E-04	9.30E-05
538	463546.8	3773626	1.39E-03	2.13E-04	9.13E-05
539	463543.6	3773635	1.37E-03	2.09E-04	8.97E-05
540	463540.3	3773643	1.34E-03	2.05E-04	8.80E-05
541	463537.1	3773652	1.31E-03	2.01E-04	8.63E-05
542	463533.9	3773661	1.29E-03	1.97E-04	8.44E-05
543	463530.6	3773669	1.26E-03	1.93E-04	8.25E-05
544	463527.4	3773678	1.23E-03	1.88E-04	8.07E-05
545	463638.6	3773486	1.43E-03	2.18E-04	9.36E-05
546	463635.3	3773495	1.43E-03	2.19E-04	9.39E-05
547	463632.1	3773503	1.43E-03	2.19E-04	9.40E-05
548	463628.9	3773512	1.43E-03	2.20E-04	9.41E-05
549	463625.6	3773521	1.43E-03	2.20E-04	9.41E-05
550	463622.4	3773530	1.43E-03	2.19E-04	9.39E-05
551	463619.2	3773538	1.43E-03	2.18E-04	9.37E-05
552	463615.9	3773547	1.42E-03	2.18E-04	9.33E-05
553	463612.7	3773556	1.41E-03	2.17E-04	9.28E-05
554	463609.5	3773565	1.41E-03	2.15E-04	9.22E-05
555	463606.2	3773573	1.39E-03	2.13E-04	9.15E-05
556	463603	3773582	1.38E-03	2.11E-04	9.06E-05
557	463599.8	3773591	1.37E-03	2.09E-04	8.96E-05
558	463596.5	3773600	1.35E-03	2.07E-04	8.86E-05
559	463593.3	3773608	1.34E-03	2.04E-04	8.76E-05
560	463590	3773617	1.32E-03	2.02E-04	8.65E-05
561	463586.8	3773626	1.30E-03	1.99E-04	8.54E-05
562	463583.6	3773634	1.28E-03	1.96E-04	8.41E-05
563	463580.3	3773643	1.26E-03	1.93E-04	8.27E-05
564	463577.1	3773652	1.24E-03	1.90E-04	8.13E-05
565	463573.9	3773661	1.22E-03	1.86E-04	7.98E-05
566	463570.6	3773669	1.19E-03	1.83E-04	7.83E-05
567	463567.4	3773678	1.17E-03	1.79E-04	7.68E-05
568	463564.2	3773687	1.15E-03	1.75E-04	7.52E-05
569	463560.9	3773696	1.12E-03	1.72E-04	7.37E-05
570	463557.7	3773704	1.10E-03	1.68E-04	7.21E-05
571	463678.6	3773486	1.27E-03	1.95E-04	8.37E-05

572	463675.3	3773495	1.28E-03	1.96E-04	8.40E-05
573	463672.1	3773503	1.28E-03	1.97E-04	8.43E-05
574	463668.9	3773512	1.29E-03	1.97E-04	8.45E-05
575	463665.6	3773521	1.29E-03	1.97E-04	8.46E-05
576	463662.4	3773530	1.29E-03	1.98E-04	8.47E-05
577	463659.2	3773538	1.29E-03	1.97E-04	8.46E-05
578	463655.9	3773547	1.29E-03	1.97E-04	8.45E-05
579	463652.7	3773556	1.28E-03	1.97E-04	8.43E-05
580	463649.5	3773565	1.28E-03	1.96E-04	8.40E-05
581	463646.2	3773573	1.27E-03	1.95E-04	8.36E-05
582	463643	3773582	1.26E-03	1.94E-04	8.30E-05
583	463639.8	3773591	1.26E-03	1.92E-04	8.24E-05
584	463636.5	3773599	1.24E-03	1.90E-04	8.16E-05
585	463633.3	3773608	1.23E-03	1.89E-04	8.09E-05
586	463630	3773617	1.22E-03	1.87E-04	8.01E-05
587	463626.8	3773626	1.21E-03	1.85E-04	7.93E-05
588	463623.6	3773634	1.19E-03	1.83E-04	7.83E-05
589	463620.3	3773643	1.18E-03	1.80E-04	7.72E-05
590	463617.1	3773652	1.16E-03	1.78E-04	7.61E-05
591	463613.9	3773661	1.14E-03	1.75E-04	7.50E-05
592	463610.6	3773669	1.13E-03	1.72E-04	7.39E-05
593	463607.4	3773678	1.11E-03	1.69E-04	7.26E-05
594	463604.2	3773687	1.09E-03	1.66E-04	7.14E-05
595	463600.9	3773696	1.07E-03	1.64E-04	7.01E-05
596	463597.7	3773704	1.05E-03	1.61E-04	6.89E-05
597	463594.5	3773713	1.03E-03	1.58E-04	6.76E-05
598	463591.2	3773722	1.01E-03	1.55E-04	6.63E-05
599	463588	3773730	9.89E-04	1.51E-04	6.49E-05
600	463718.6	3773486	1.14E-03	1.75E-04	7.51E-05
601	463715.3	3773495	1.15E-03	1.76E-04	7.55E-05
602	463712.1	3773503	1.16E-03	1.77E-04	7.59E-05
603	463708.9	3773512	1.16E-03	1.78E-04	7.62E-05
604	463705.6	3773521	1.17E-03	1.78E-04	7.65E-05
605	463702.4	3773529	1.17E-03	1.79E-04	7.66E-05
606	463699.2	3773538	1.17E-03	1.79E-04	7.67E-05
607	463695.9	3773547	1.17E-03	1.79E-04	7.67E-05
608	463692.7	3773556	1.17E-03	1.79E-04	7.66E-05
609	463689.5	3773564	1.17E-03	1.78E-04	7.65E-05
610	463686.2	3773573	1.16E-03	1.78E-04	7.63E-05
611	463683	3773582	1.16E-03	1.77E-04	7.60E-05
612	463679.8	3773591	1.15E-03	1.77E-04	7.57E-05
613	463676.5	3773599	1.15E-03	1.76E-04	7.53E-05
614	463673.3	3773608	1.14E-03	1.74E-04	7.47E-05
615	463670	3773617	1.13E-03	1.73E-04	7.41E-05
616	463666.8	3773626	1.12E-03	1.71E-04	7.34E-05
617	463663.6	3773634	1.11E-03	1.70E-04	7.27E-05
618	463660.3	3773643	1.10E-03	1.68E-04	7.19E-05
619	463657.1	3773652	1.08E-03	1.66E-04	7.11E-05
620	463653.9	3773661	1.07E-03	1.64E-04	7.02E-05
621	463650.6	3773669	1.06E-03	1.62E-04	6.94E-05
622	463647.4	3773678	1.04E-03	1.60E-04	6.85E-05
623	463644.2	3773687	1.03E-03	1.58E-04	6.76E-05

624	463640.9	3773695	1.01E-03	1.55E-04	6.66E-05
625	463637.7	3773704	9.98E-04	1.53E-04	6.55E-05
626	463634.5	3773713	9.82E-04	1.50E-04	6.44E-05
627	463631.2	3773722	9.64E-04	1.48E-04	6.33E-05
628	463628	3773730	9.47E-04	1.45E-04	6.21E-05
629	463624.7	3773739	9.29E-04	1.42E-04	6.10E-05
630	463621.5	3773748	9.12E-04	1.40E-04	5.98E-05
631	463618.3	3773757	8.95E-04	1.37E-04	5.87E-05
632	463758.6	3773486	1.03E-03	1.57E-04	6.75E-05
633	463755.3	3773494	1.04E-03	1.59E-04	6.80E-05
634	463752.1	3773503	1.04E-03	1.60E-04	6.84E-05
635	463748.9	3773512	1.05E-03	1.61E-04	6.88E-05
636	463745.6	3773521	1.05E-03	1.61E-04	6.92E-05
637	463742.4	3773529	1.06E-03	1.62E-04	6.95E-05
638	463739.2	3773538	1.06E-03	1.63E-04	6.97E-05
639	463735.9	3773547	1.06E-03	1.63E-04	6.98E-05
640	463732.7	3773556	1.07E-03	1.63E-04	6.99E-05
641	463729.5	3773564	1.07E-03	1.63E-04	7.00E-05
642	463726.2	3773573	1.06E-03	1.63E-04	6.99E-05
643	463723	3773582	1.06E-03	1.63E-04	6.97E-05
644	463719.8	3773591	1.06E-03	1.62E-04	6.94E-05
645	463716.5	3773599	1.05E-03	1.61E-04	6.91E-05
646	463713.3	3773608	1.05E-03	1.60E-04	6.88E-05
647	463710	3773617	1.04E-03	1.59E-04	6.83E-05
648	463706.8	3773625	1.03E-03	1.58E-04	6.79E-05
649	463703.6	3773634	1.03E-03	1.57E-04	6.74E-05
650	463700.3	3773643	1.02E-03	1.56E-04	6.69E-05
651	463697.1	3773652	1.01E-03	1.55E-04	6.64E-05
652	463693.9	3773660	1.00E-03	1.53E-04	6.58E-05
653	463690.6	3773669	9.92E-04	1.52E-04	6.51E-05
654	463687.4	3773678	9.80E-04	1.50E-04	6.43E-05
655	463684.2	3773687	9.69E-04	1.48E-04	6.36E-05
656	463680.9	3773695	9.56E-04	1.46E-04	6.27E-05
657	463677.7	3773704	9.43E-04	1.44E-04	6.19E-05
658	463674.5	3773713	9.30E-04	1.42E-04	6.10E-05
659	463671.2	3773722	9.17E-04	1.40E-04	6.02E-05
660	463668	3773730	9.04E-04	1.38E-04	5.93E-05
661	463664.7	3773739	8.91E-04	1.36E-04	5.84E-05
662	463661.5	3773748	8.76E-04	1.34E-04	5.75E-05
663	463658.3	3773756	8.61E-04	1.32E-04	5.65E-05
664	463655	3773765	8.46E-04	1.29E-04	5.55E-05
665	463651.8	3773774	8.31E-04	1.27E-04	5.45E-05
666	463648.6	3773783	8.16E-04	1.25E-04	5.35E-05
667	463798.6	3773486	9.27E-04	1.42E-04	6.08E-05
668	463795.3	3773494	9.36E-04	1.43E-04	6.14E-05
669	463792.1	3773503	9.43E-04	1.44E-04	6.19E-05
670	463788.9	3773512	9.50E-04	1.45E-04	6.23E-05
671	463785.6	3773521	9.56E-04	1.46E-04	6.28E-05
672	463782.4	3773529	9.60E-04	1.47E-04	6.30E-05
673	463779.2	3773538	9.64E-04	1.48E-04	6.33E-05
674	463775.9	3773547	9.68E-04	1.48E-04	6.35E-05
675	463772.7	3773556	9.70E-04	1.49E-04	6.37E-05

676	463769.5	3773564	9.72E-04	1.49E-04	6.38E-05
677	463766.2	3773573	9.72E-04	1.49E-04	6.38E-05
678	463763	3773582	9.72E-04	1.49E-04	6.38E-05
679	463759.8	3773590	9.70E-04	1.48E-04	6.37E-05
680	463756.5	3773599	9.68E-04	1.48E-04	6.35E-05
681	463753.3	3773608	9.66E-04	1.48E-04	6.34E-05
682	463750	3773617	9.63E-04	1.47E-04	6.32E-05
683	463746.8	3773625	9.59E-04	1.47E-04	6.29E-05
684	463743.6	3773634	9.53E-04	1.46E-04	6.26E-05
685	463740.3	3773643	9.47E-04	1.45E-04	6.22E-05
686	463737.1	3773652	9.41E-04	1.44E-04	6.17E-05
687	463733.9	3773660	9.34E-04	1.43E-04	6.13E-05
688	463730.6	3773669	9.26E-04	1.42E-04	6.08E-05
689	463727.4	3773678	9.18E-04	1.41E-04	6.02E-05
690	463724.2	3773687	9.09E-04	1.39E-04	5.96E-05
691	463720.9	3773695	9.00E-04	1.38E-04	5.91E-05
692	463717.7	3773704	8.91E-04	1.36E-04	5.84E-05
693	463714.5	3773713	8.81E-04	1.35E-04	5.78E-05
694	463711.2	3773721	8.70E-04	1.33E-04	5.71E-05
695	463708	3773730	8.58E-04	1.31E-04	5.63E-05
696	463704.7	3773739	8.47E-04	1.30E-04	5.56E-05
697	463701.5	3773748	8.36E-04	1.28E-04	5.48E-05
698	463698.3	3773756	8.24E-04	1.26E-04	5.41E-05
699	463695	3773765	8.12E-04	1.24E-04	5.33E-05
700	463691.8	3773774	8.00E-04	1.23E-04	5.25E-05
701	463688.6	3773783	7.87E-04	1.21E-04	5.17E-05
702	463685.3	3773791	7.74E-04	1.18E-04	5.08E-05
703	463682.1	3773800	7.61E-04	1.16E-04	4.99E-05
704	463678.9	3773809	7.47E-04	1.14E-04	4.90E-05
705	463835.3	3773494	8.46E-04	1.30E-04	5.55E-05
706	463832.1	3773503	8.54E-04	1.31E-04	5.60E-05
707	463828.9	3773512	8.61E-04	1.32E-04	5.65E-05
708	463825.6	3773521	8.68E-04	1.33E-04	5.69E-05
709	463822.4	3773529	8.73E-04	1.34E-04	5.73E-05
710	463819.2	3773538	8.77E-04	1.34E-04	5.75E-05
711	463815.9	3773547	8.81E-04	1.35E-04	5.78E-05
712	463812.7	3773555	8.85E-04	1.35E-04	5.81E-05
713	463809.5	3773564	8.88E-04	1.36E-04	5.83E-05
714	463806.2	3773573	8.89E-04	1.36E-04	5.84E-05
715	463803	3773582	8.90E-04	1.36E-04	5.84E-05
716	463799.8	3773590	8.90E-04	1.36E-04	5.84E-05
717	463796.5	3773599	8.89E-04	1.36E-04	5.84E-05
718	463793.3	3773608	8.89E-04	1.36E-04	5.83E-05
719	463790	3773617	8.88E-04	1.36E-04	5.83E-05
720	463786.8	3773625	8.86E-04	1.36E-04	5.81E-05
721	463783.6	3773634	8.83E-04	1.35E-04	5.79E-05
722	463780.3	3773643	8.79E-04	1.35E-04	5.77E-05
723	463777.1	3773652	8.74E-04	1.34E-04	5.74E-05
724	463773.9	3773660	8.69E-04	1.33E-04	5.70E-05
725	463770.6	3773669	8.65E-04	1.32E-04	5.67E-05
726	463767.4	3773678	8.59E-04	1.32E-04	5.64E-05
727	463764.2	3773686	8.53E-04	1.31E-04	5.60E-05

728	463760.9	3773695	8.46E-04	1.30E-04	5.55E-05
729	463757.7	3773704	8.38E-04	1.28E-04	5.50E-05
730	463754.5	3773713	8.30E-04	1.27E-04	5.45E-05
731	463751.2	3773721	8.22E-04	1.26E-04	5.39E-05
732	463748	3773730	8.14E-04	1.25E-04	5.34E-05
733	463744.7	3773739	8.05E-04	1.23E-04	5.28E-05
734	463741.5	3773748	7.96E-04	1.22E-04	5.22E-05
735	463738.3	3773756	7.86E-04	1.20E-04	5.16E-05
736	463735	3773765	7.75E-04	1.19E-04	5.09E-05
737	463731.8	3773774	7.65E-04	1.17E-04	5.02E-05
738	463728.6	3773783	7.54E-04	1.15E-04	4.95E-05
739	463725.3	3773791	7.43E-04	1.14E-04	4.88E-05
740	463722.1	3773800	7.32E-04	1.12E-04	4.80E-05
741	463718.9	3773809	7.21E-04	1.10E-04	4.73E-05
742	463715.6	3773817	7.10E-04	1.09E-04	4.66E-05
743	463712.4	3773826	6.99E-04	1.07E-04	4.59E-05
744	463709.2	3773835	6.88E-04	1.05E-04	4.51E-05
745	463875.3	3773494	7.68E-04	1.18E-04	5.04E-05
746	463872.1	3773503	7.75E-04	1.19E-04	5.09E-05
747	463868.9	3773512	7.83E-04	1.20E-04	5.14E-05
748	463865.6	3773520	7.89E-04	1.21E-04	5.18E-05
749	463862.4	3773529	7.95E-04	1.22E-04	5.21E-05
750	463859.2	3773538	7.99E-04	1.22E-04	5.25E-05
751	463855.9	3773547	8.04E-04	1.23E-04	5.28E-05
752	463852.7	3773555	8.09E-04	1.24E-04	5.31E-05
753	463849.5	3773564	8.12E-04	1.24E-04	5.33E-05
754	463846.2	3773573	8.15E-04	1.25E-04	5.35E-05
755	463843	3773582	8.16E-04	1.25E-04	5.36E-05
756	463839.8	3773590	8.17E-04	1.25E-04	5.36E-05
757	463836.5	3773599	8.18E-04	1.25E-04	5.37E-05
758	463833.3	3773608	8.19E-04	1.25E-04	5.37E-05
759	463830	3773617	8.19E-04	1.25E-04	5.37E-05
760	463826.8	3773625	8.19E-04	1.25E-04	5.37E-05
761	463823.6	3773634	8.17E-04	1.25E-04	5.36E-05
762	463820.3	3773643	8.14E-04	1.25E-04	5.34E-05
763	463817.1	3773651	8.11E-04	1.24E-04	5.32E-05
764	463813.9	3773660	8.08E-04	1.24E-04	5.30E-05
765	463810.6	3773669	8.05E-04	1.23E-04	5.28E-05
766	463807.4	3773678	8.02E-04	1.23E-04	5.26E-05
767	463804.2	3773686	7.98E-04	1.22E-04	5.23E-05
768	463800.9	3773695	7.92E-04	1.21E-04	5.20E-05
769	463797.7	3773704	7.86E-04	1.20E-04	5.16E-05
770	463794.5	3773713	7.80E-04	1.19E-04	5.12E-05
771	463791.2	3773721	7.74E-04	1.18E-04	5.08E-05
772	463788	3773730	7.68E-04	1.18E-04	5.04E-05
773	463784.7	3773739	7.61E-04	1.17E-04	5.00E-05
774	463781.5	3773748	7.54E-04	1.15E-04	4.95E-05
775	463778.3	3773756	7.46E-04	1.14E-04	4.90E-05
776	463775	3773765	7.38E-04	1.13E-04	4.84E-05
777	463771.8	3773774	7.29E-04	1.12E-04	4.78E-05
778	463768.6	3773782	7.21E-04	1.10E-04	4.73E-05
779	463765.3	3773791	7.12E-04	1.09E-04	4.67E-05

780	463762.1	3773800	7.04E-04	1.08E-04	4.62E-05
781	463758.9	3773809	6.94E-04	1.06E-04	4.56E-05
782	463755.6	3773817	6.85E-04	1.05E-04	4.49E-05
783	463752.4	3773826	6.75E-04	1.03E-04	4.43E-05
784	463749.2	3773835	6.65E-04	1.02E-04	4.36E-05
785	463745.9	3773844	6.55E-04	1.00E-04	4.30E-05
786	463742.7	3773852	6.45E-04	9.88E-05	4.23E-05
787	463739.4	3773861	6.35E-04	9.73E-05	4.17E-05
788	463915.3	3773494	6.99E-04	1.07E-04	4.58E-05
789	463912.1	3773503	7.06E-04	1.08E-04	4.63E-05
790	463908.9	3773512	7.13E-04	1.09E-04	4.68E-05
791	463905.6	3773520	7.20E-04	1.10E-04	4.72E-05
792	463902.4	3773529	7.25E-04	1.11E-04	4.76E-05
793	463899.2	3773538	7.30E-04	1.12E-04	4.79E-05
794	463895.9	3773547	7.35E-04	1.13E-04	4.83E-05
795	463892.7	3773555	7.40E-04	1.13E-04	4.86E-05
796	463889.5	3773564	7.44E-04	1.14E-04	4.88E-05
797	463886.2	3773573	7.48E-04	1.14E-04	4.91E-05
798	463883	3773581	7.51E-04	1.15E-04	4.93E-05
799	463879.8	3773590	7.52E-04	1.15E-04	4.94E-05
800	463876.5	3773599	7.54E-04	1.15E-04	4.95E-05
801	463873.3	3773608	7.55E-04	1.16E-04	4.96E-05
802	463870	3773616	7.56E-04	1.16E-04	4.96E-05
803	463866.8	3773625	7.57E-04	1.16E-04	4.97E-05
804	463863.6	3773634	7.57E-04	1.16E-04	4.97E-05
805	463860.3	3773643	7.56E-04	1.16E-04	4.96E-05
806	463857.1	3773651	7.55E-04	1.16E-04	4.95E-05
807	463853.9	3773660	7.53E-04	1.15E-04	4.94E-05
808	463850.6	3773669	7.50E-04	1.15E-04	4.92E-05
809	463847.4	3773678	7.48E-04	1.14E-04	4.91E-05
810	463844.2	3773686	7.45E-04	1.14E-04	4.89E-05
811	463840.9	3773695	7.41E-04	1.13E-04	4.86E-05
812	463837.7	3773704	7.37E-04	1.13E-04	4.84E-05
813	463834.5	3773713	7.32E-04	1.12E-04	4.80E-05
814	463831.2	3773721	7.28E-04	1.11E-04	4.77E-05
815	463828	3773730	7.23E-04	1.11E-04	4.74E-05
816	463824.7	3773739	7.18E-04	1.10E-04	4.71E-05
817	463821.5	3773747	7.13E-04	1.09E-04	4.68E-05
818	463818.3	3773756	7.06E-04	1.08E-04	4.64E-05
819	463815	3773765	7.00E-04	1.07E-04	4.59E-05
820	463811.8	3773774	6.93E-04	1.06E-04	4.55E-05
821	463808.6	3773782	6.86E-04	1.05E-04	4.50E-05
822	463805.3	3773791	6.79E-04	1.04E-04	4.46E-05
823	463802.1	3773800	6.72E-04	1.03E-04	4.41E-05
824	463798.9	3773809	6.65E-04	1.02E-04	4.36E-05
825	463795.6	3773817	6.57E-04	1.00E-04	4.31E-05
826	463792.4	3773826	6.48E-04	9.92E-05	4.25E-05
827	463789.2	3773835	6.40E-04	9.79E-05	4.20E-05
828	463785.9	3773844	6.32E-04	9.67E-05	4.14E-05
829	463782.7	3773852	6.23E-04	9.54E-05	4.09E-05
830	463779.4	3773861	6.15E-04	9.42E-05	4.04E-05
831	463776.2	3773870	6.06E-04	9.28E-05	3.98E-05

832	463773	3773878	5.97E-04	9.14E-05	3.92E-05
833	463769.7	3773887	5.88E-04	9.00E-05	3.86E-05
834	462999.7	3773059	4.23E-03	6.47E-04	2.78E-04
835	462990.6	3773059	4.50E-03	6.89E-04	2.95E-04
836	462981.5	3773059	4.81E-03	7.36E-04	3.15E-04
837	462972.4	3773059	5.13E-03	7.85E-04	3.37E-04
838	462963.3	3773059	5.45E-03	8.35E-04	3.58E-04
839	462954.2	3773059	5.75E-03	8.81E-04	3.78E-04
840	462945.1	3773059	6.01E-03	9.20E-04	3.94E-04
841	462936	3773059	6.20E-03	9.50E-04	4.07E-04
842	462926.9	3773059	6.31E-03	9.67E-04	4.14E-04
843	462917.8	3773059	6.34E-03	9.70E-04	4.16E-04
844	462999.7	3773049	3.57E-03	5.47E-04	2.34E-04
845	462990.6	3773049	3.79E-03	5.81E-04	2.49E-04
846	462981.5	3773049	4.05E-03	6.19E-04	2.65E-04
847	462972.4	3773049	4.31E-03	6.60E-04	2.83E-04
848	462963.3	3773049	4.59E-03	7.02E-04	3.01E-04
849	462954.2	3773049	4.84E-03	7.42E-04	3.18E-04
850	462945.1	3773049	5.08E-03	7.77E-04	3.33E-04
851	462936	3773049	5.26E-03	8.05E-04	3.45E-04
852	462926.9	3773049	5.39E-03	8.25E-04	3.54E-04
853	462917.8	3773049	5.45E-03	8.34E-04	3.57E-04
854	462999.6	3773029	2.64E-03	4.04E-04	1.73E-04
855	462990.5	3773029	2.80E-03	4.28E-04	1.84E-04
856	462981.4	3773029	2.97E-03	4.55E-04	1.95E-04
857	462972.3	3773029	3.16E-03	4.84E-04	2.07E-04
858	462963.2	3773029	3.36E-03	5.14E-04	2.20E-04
859	462954.2	3773029	3.55E-03	5.44E-04	2.33E-04
860	462945.1	3773029	3.73E-03	5.71E-04	2.45E-04
861	462936	3773029	3.89E-03	5.96E-04	2.55E-04
862	462926.9	3773029	4.02E-03	6.15E-04	2.64E-04
863	462917.8	3773029	4.11E-03	6.28E-04	2.69E-04
864	462999.6	3773009	2.02E-03	3.10E-04	1.33E-04
865	462990.5	3773009	2.14E-03	3.27E-04	1.40E-04
866	462981.4	3773009	2.27E-03	3.47E-04	1.49E-04
867	462972.3	3773009	2.40E-03	3.68E-04	1.58E-04
868	462963.2	3773009	2.55E-03	3.90E-04	1.67E-04
869	462954.1	3773009	2.69E-03	4.12E-04	1.77E-04
870	462945	3773009	2.83E-03	4.34E-04	1.86E-04
871	462935.9	3773009	2.96E-03	4.54E-04	1.94E-04
872	462926.8	3773009	3.08E-03	4.71E-04	2.02E-04
873	462917.7	3773009	3.17E-03	4.85E-04	2.08E-04
874	462999.6	3772989	1.60E-03	2.45E-04	1.05E-04
875	462990.5	3772989	1.68E-03	2.58E-04	1.11E-04
876	462981.4	3772989	1.78E-03	2.72E-04	1.17E-04
877	462972.3	3772989	1.88E-03	2.88E-04	1.23E-04
878	462963.2	3772989	1.99E-03	3.05E-04	1.31E-04
879	462954.1	3772989	2.10E-03	3.22E-04	1.38E-04
880	462945	3772989	2.21E-03	3.38E-04	1.45E-04
881	462935.9	3772989	2.32E-03	3.55E-04	1.52E-04
882	462926.8	3772989	2.41E-03	3.69E-04	1.58E-04
883	462917.7	3772989	2.50E-03	3.82E-04	1.64E-04

884	462999.5	3772969	1.29E-03	1.98E-04	8.49E-05
885	462990.4	3772969	1.36E-03	2.08E-04	8.92E-05
886	462981.3	3772969	1.43E-03	2.19E-04	9.39E-05
887	462972.2	3772969	1.51E-03	2.31E-04	9.91E-05
888	462963.1	3772969	1.59E-03	2.44E-04	1.05E-04
889	462954	3772969	1.68E-03	2.57E-04	1.10E-04
890	462944.9	3772969	1.77E-03	2.70E-04	1.16E-04
891	462935.8	3772969	1.85E-03	2.83E-04	1.21E-04
892	462926.7	3772969	1.93E-03	2.95E-04	1.27E-04
893	462917.6	3772969	2.00E-03	3.07E-04	1.31E-04
894	462999.5	3772949	1.07E-03	1.63E-04	6.99E-05
895	462990.4	3772949	1.12E-03	1.71E-04	7.33E-05
896	462981.3	3772949	1.17E-03	1.80E-04	7.70E-05
897	462972.2	3772949	1.23E-03	1.89E-04	8.10E-05
898	462963.1	3772949	1.30E-03	1.99E-04	8.53E-05
899	462954	3772949	1.37E-03	2.09E-04	8.98E-05
900	462944.9	3772949	1.44E-03	2.20E-04	9.43E-05
901	462935.8	3772949	1.51E-03	2.30E-04	9.88E-05
902	462926.7	3772949	1.57E-03	2.41E-04	1.03E-04
903	462917.6	3772949	1.63E-03	2.50E-04	1.07E-04
904	462999.4	3772929	8.92E-04	1.37E-04	5.85E-05
905	462990.3	3772929	9.32E-04	1.43E-04	6.12E-05
906	462981.2	3772929	9.77E-04	1.50E-04	6.41E-05
907	462972.1	3772929	1.03E-03	1.57E-04	6.73E-05
908	462963	3772929	1.08E-03	1.65E-04	7.07E-05
909	462953.9	3772929	1.13E-03	1.73E-04	7.43E-05
910	462944.8	3772929	1.19E-03	1.82E-04	7.80E-05
911	462935.7	3772929	1.24E-03	1.90E-04	8.17E-05
912	462926.6	3772929	1.30E-03	1.99E-04	8.53E-05
913	462917.5	3772929	1.35E-03	2.07E-04	8.87E-05
914	462999.4	3772909	7.57E-04	1.16E-04	4.97E-05
915	462990.3	3772909	7.90E-04	1.21E-04	5.18E-05
916	462981.2	3772909	8.26E-04	1.26E-04	5.42E-05
917	462972.1	3772909	8.65E-04	1.32E-04	5.68E-05
918	462963	3772909	9.07E-04	1.39E-04	5.95E-05
919	462953.9	3772909	9.51E-04	1.46E-04	6.24E-05
920	462944.8	3772909	9.96E-04	1.53E-04	6.54E-05
921	462935.7	3772909	1.04E-03	1.60E-04	6.84E-05
922	462926.6	3772909	1.09E-03	1.67E-04	7.14E-05
923	462917.5	3772909	1.13E-03	1.73E-04	7.43E-05
924	462999.3	3772849	4.93E-04	7.54E-05	3.23E-05
925	462990.2	3772849	5.11E-04	7.83E-05	3.36E-05
926	462981.1	3772849	5.32E-04	8.14E-05	3.49E-05
927	462972	3772849	5.54E-04	8.48E-05	3.64E-05
928	462962.9	3772849	5.78E-04	8.84E-05	3.79E-05
929	462953.8	3772849	6.03E-04	9.23E-05	3.96E-05
930	462944.7	3772849	6.29E-04	9.63E-05	4.13E-05
931	462935.6	3772849	6.56E-04	1.00E-04	4.30E-05
932	462926.5	3772849	6.83E-04	1.05E-04	4.48E-05
933	462917.4	3772849	7.11E-04	1.09E-04	4.66E-05
934	462999.2	3772819	4.09E-04	6.26E-05	2.68E-05
935	462990.1	3772819	4.24E-04	6.49E-05	2.78E-05

936	462981	3772819	4.40E-04	6.73E-05	2.88E-05
937	462971.9	3772819	4.57E-04	6.99E-05	3.00E-05
938	462999.1	3772789	3.45E-04	5.28E-05	2.26E-05
939	462990	3772789	3.56E-04	5.46E-05	2.34E-05
940	462980.9	3772789	3.69E-04	5.65E-05	2.42E-05
941	462971.8	3772789	3.83E-04	5.86E-05	2.51E-05
942	462944.6	3772789	4.29E-04	6.56E-05	2.81E-05
943	462935.5	3772789	4.46E-04	6.82E-05	2.92E-05
944	462926.4	3772789	4.63E-04	7.09E-05	3.04E-05
945	462917.3	3772789	4.81E-04	7.36E-05	3.15E-05
946	462999.1	3772759	2.95E-04	4.51E-05	1.93E-05
947	462990	3772759	3.04E-04	4.65E-05	1.99E-05
948	462980.9	3772759	3.14E-04	4.81E-05	2.06E-05
949	462971.8	3772759	3.25E-04	4.97E-05	2.13E-05
950	462944.5	3772759	3.62E-04	5.54E-05	2.37E-05
951	462935.4	3772759	3.75E-04	5.75E-05	2.46E-05
952	462926.3	3772759	3.89E-04	5.96E-05	2.56E-05
953	462917.2	3772759	4.04E-04	6.18E-05	2.65E-05
954	462999	3772729	2.55E-04	3.90E-05	1.67E-05
955	462989.9	3772729	2.62E-04	4.01E-05	1.72E-05
956	462980.8	3772729	2.70E-04	4.14E-05	1.77E-05
957	462971.7	3772729	2.79E-04	4.27E-05	1.83E-05
958	462944.4	3772729	3.09E-04	4.73E-05	2.03E-05
959	462935.3	3772729	3.20E-04	4.90E-05	2.10E-05
960	462926.2	3772729	3.32E-04	5.08E-05	2.18E-05
961	462917.1	3772729	3.44E-04	5.26E-05	2.26E-05
962	462998.9	3772669	1.96E-04	3.00E-05	1.28E-05
963	462989.8	3772669	2.01E-04	3.08E-05	1.32E-05
964	462980.7	3772669	2.07E-04	3.16E-05	1.36E-05
965	462971.6	3772669	2.13E-04	3.25E-05	1.40E-05
966	462962.5	3772669	2.19E-04	3.35E-05	1.44E-05
967	462953.4	3772669	2.26E-04	3.46E-05	1.48E-05
968	462944.3	3772669	2.33E-04	3.57E-05	1.53E-05
969	462935.2	3772669	2.41E-04	3.69E-05	1.58E-05
970	462926.1	3772669	2.49E-04	3.81E-05	1.63E-05
971	462917	3772669	2.57E-04	3.94E-05	1.69E-05
972	462998.8	3772639	1.74E-04	2.66E-05	1.14E-05
973	462989.7	3772639	1.78E-04	2.73E-05	1.17E-05
974	462980.6	3772639	1.83E-04	2.80E-05	1.20E-05
975	462971.5	3772639	1.88E-04	2.88E-05	1.23E-05
976	462962.4	3772639	1.93E-04	2.96E-05	1.27E-05
977	462953.3	3772639	1.99E-04	3.05E-05	1.31E-05
978	462944.2	3772639	2.05E-04	3.14E-05	1.35E-05
979	462935.1	3772639	2.12E-04	3.24E-05	1.39E-05
980	462926	3772639	2.18E-04	3.34E-05	1.43E-05
981	462916.9	3772639	2.25E-04	3.45E-05	1.48E-05
982	462998.8	3772609	1.55E-04	2.38E-05	1.02E-05
983	462989.7	3772609	1.59E-04	2.44E-05	1.04E-05
984	462980.6	3772609	1.63E-04	2.50E-05	1.07E-05
985	462971.5	3772609	1.68E-04	2.56E-05	1.10E-05
986	462962.4	3772609	1.72E-04	2.64E-05	1.13E-05
987	462953.3	3772609	1.77E-04	2.71E-05	1.16E-05

988	462944.2	3772609	1.82E-04	2.79E-05	1.20E-05
989	462935.1	3772609	1.88E-04	2.87E-05	1.23E-05
990	462926	3772609	1.93E-04	2.96E-05	1.27E-05
991	462916.9	3772609	1.99E-04	3.05E-05	1.31E-05
992	463007.8	3772579	1.37E-04	2.10E-05	9.00E-06
993	462998.7	3772579	1.40E-04	2.14E-05	9.19E-06
994	462989.6	3772579	1.43E-04	2.19E-05	9.40E-06
995	462980.5	3772579	1.47E-04	2.24E-05	9.62E-06
996	462971.4	3772579	1.50E-04	2.30E-05	9.87E-06
997	462962.3	3772579	1.54E-04	2.36E-05	1.01E-05
998	462953.2	3772579	1.58E-04	2.43E-05	1.04E-05
999	462944.1	3772579	1.63E-04	2.49E-05	1.07E-05
1000	462935	3772579	1.67E-04	2.56E-05	1.10E-05
1001	462925.9	3772579	1.72E-04	2.64E-05	1.13E-05
1002	462916.8	3772579	1.77E-04	2.72E-05	1.16E-05
1003	462998.6	3772549	1.27E-04	1.94E-05	8.33E-06
1004	462989.5	3772549	1.30E-04	1.98E-05	8.51E-06
1005	462980.4	3772549	1.33E-04	2.03E-05	8.70E-06
1006	462971.3	3772549	1.36E-04	2.08E-05	8.91E-06
1007	462962.2	3772549	1.39E-04	2.13E-05	9.13E-06
1008	462953.1	3772549	1.43E-04	2.18E-05	9.36E-06
1009	462944	3772549	1.46E-04	2.24E-05	9.61E-06
1010	462935	3772549	1.50E-04	2.30E-05	9.87E-06
1011	462925.9	3772549	1.55E-04	2.37E-05	1.01E-05
1012	462916.8	3772549	1.59E-04	2.43E-05	1.04E-05
1013	462998.6	3772509	1.12E-04	1.72E-05	7.37E-06
1014	462989.5	3772509	1.14E-04	1.75E-05	7.51E-06
1015	462980.4	3772509	1.17E-04	1.79E-05	7.67E-06
1016	462971.3	3772509	1.20E-04	1.83E-05	7.84E-06
1017	462962.2	3772509	1.22E-04	1.87E-05	8.02E-06
1018	462953.1	3772509	1.25E-04	1.92E-05	8.22E-06
1019	462944	3772509	1.28E-04	1.97E-05	8.42E-06
1020	462934.9	3772509	1.32E-04	2.02E-05	8.64E-06
1021	462925.8	3772509	1.35E-04	2.07E-05	8.87E-06
1022	462916.7	3772509	1.39E-04	2.12E-05	9.10E-06
1023	462998.4	3772429	9.00E-05	1.38E-05	5.91E-06
1024	462989.3	3772429	9.16E-05	1.40E-05	6.01E-06
1025	462980.2	3772429	9.33E-05	1.43E-05	6.13E-06
1026	462971.1	3772429	9.52E-05	1.46E-05	6.25E-06
1027	462962	3772429	9.71E-05	1.49E-05	6.37E-06
1028	462952.9	3772429	9.92E-05	1.52E-05	6.51E-06
1029	462943.8	3772429	1.01E-04	1.55E-05	6.65E-06
1030	462934.7	3772429	1.04E-04	1.59E-05	6.80E-06
1031	462925.6	3772429	1.06E-04	1.62E-05	6.96E-06
1032	462916.5	3772429	1.09E-04	1.66E-05	7.13E-06
1033	462998.3	3772389	8.16E-05	1.25E-05	5.35E-06
1034	462989.2	3772389	8.29E-05	1.27E-05	5.44E-06
1035	462980.1	3772389	8.43E-05	1.29E-05	5.53E-06
1036	462971	3772389	8.59E-05	1.31E-05	5.63E-06
1037	462961.9	3772389	8.75E-05	1.34E-05	5.74E-06
1038	462952.8	3772389	8.93E-05	1.37E-05	5.86E-06
1039	462943.7	3772389	9.11E-05	1.40E-05	5.98E-06

1040	462934.6	3772389	9.31E-05	1.43E-05	6.11E-06
1041	462925.5	3772389	9.51E-05	1.46E-05	6.24E-06
1042	462916.4	3772389	9.73E-05	1.49E-05	6.38E-06
1043	462998.2	3772349	7.43E-05	1.14E-05	4.88E-06
1044	462989.1	3772349	7.54E-05	1.15E-05	4.95E-06
1045	462980	3772349	7.67E-05	1.17E-05	5.03E-06
1046	462970.9	3772349	7.80E-05	1.19E-05	5.12E-06
1047	462961.8	3772349	7.94E-05	1.22E-05	5.21E-06
1048	462952.7	3772349	8.09E-05	1.24E-05	5.31E-06
1049	462943.6	3772349	8.25E-05	1.26E-05	5.41E-06
1050	462934.5	3772349	8.42E-05	1.29E-05	5.52E-06
1051	462925.4	3772349	8.59E-05	1.32E-05	5.64E-06
1052	462916.3	3772349	8.77E-05	1.34E-05	5.76E-06
1053	462998.1	3772309	6.81E-05	1.04E-05	4.47E-06
1054	462989	3772309	6.91E-05	1.06E-05	4.53E-06
1055	462979.9	3772309	7.01E-05	1.07E-05	4.60E-06
1056	462970.8	3772309	7.13E-05	1.09E-05	4.68E-06
1057	462961.7	3772309	7.25E-05	1.11E-05	4.76E-06
1058	462952.6	3772309	7.37E-05	1.13E-05	4.84E-06
1059	462943.5	3772309	7.51E-05	1.15E-05	4.93E-06
1060	462934.4	3772309	7.66E-05	1.17E-05	5.02E-06
1061	462925.3	3772309	7.80E-05	1.19E-05	5.12E-06
1062	462916.3	3772309	7.96E-05	1.22E-05	5.22E-06
1063	462998.1	3772269	6.27E-05	9.60E-06	4.12E-06
1064	462989	3772269	6.36E-05	9.73E-06	4.17E-06
1065	462979.9	3772269	6.45E-05	9.87E-06	4.23E-06
1066	462970.8	3772269	6.55E-05	1.00E-05	4.30E-06
1067	462961.7	3772269	6.65E-05	1.02E-05	4.36E-06
1068	462952.6	3772269	6.76E-05	1.04E-05	4.44E-06
1069	462943.5	3772269	6.88E-05	1.05E-05	4.51E-06
1070	462934.4	3772269	7.00E-05	1.07E-05	4.59E-06
1071	462925.3	3772269	7.13E-05	1.09E-05	4.68E-06
1072	462916.2	3772269	7.27E-05	1.11E-05	4.77E-06
1073	463032.1	3772239	5.68E-05	8.69E-06	3.73E-06
1074	463040.5	3772242	5.66E-05	8.67E-06	3.72E-06
1075	463057.2	3772249	5.65E-05	8.65E-06	3.71E-06
1076	463065.5	3772253	5.65E-05	8.65E-06	3.71E-06
1077	463073.9	3772256	5.65E-05	8.65E-06	3.71E-06
1078	463441.2	3772407	6.60E-05	1.01E-05	4.33E-06
1079	463457.9	3772414	6.64E-05	1.02E-05	4.35E-06
1080	463466.2	3772418	6.65E-05	1.02E-05	4.36E-06
1081	463474.5	3772421	6.67E-05	1.02E-05	4.38E-06
1082	463491.2	3772428	6.70E-05	1.03E-05	4.39E-06
1083	463499.6	3772431	6.72E-05	1.03E-05	4.41E-06
1084	463507.9	3772435	6.73E-05	1.03E-05	4.42E-06
1085	463524.6	3772442	6.76E-05	1.04E-05	4.44E-06
1086	462998	3772229	5.80E-05	8.88E-06	3.81E-06
1087	462988.9	3772229	5.88E-05	9.00E-06	3.86E-06
1088	462979.8	3772229	5.96E-05	9.12E-06	3.91E-06
1089	462970.7	3772229	6.04E-05	9.25E-06	3.96E-06
1090	462961.6	3772229	6.14E-05	9.39E-06	4.03E-06
1091	462952.5	3772229	6.23E-05	9.54E-06	4.09E-06

1092	462943.4	3772229	6.33E-05	9.69E-06	4.16E-06
1093	462934.3	3772229	6.44E-05	9.86E-06	4.23E-06
1094	462925.2	3772229	6.55E-05	1.00E-05	4.30E-06
1095	462916.1	3772229	6.67E-05	1.02E-05	4.38E-06
1096	463032.2	3772199	5.28E-05	8.09E-06	3.47E-06
1097	463040.5	3772202	5.27E-05	8.07E-06	3.46E-06
1098	463048.9	3772206	5.27E-05	8.06E-06	3.46E-06
1099	463057.3	3772209	5.26E-05	8.05E-06	3.45E-06
1100	463099.3	3772227	5.28E-05	8.08E-06	3.46E-06
1101	463107.6	3772230	5.29E-05	8.10E-06	3.47E-06
1102	463116	3772234	5.30E-05	8.12E-06	3.48E-06
1103	463124.4	3772237	5.32E-05	8.14E-06	3.49E-06
1104	463132.8	3772240	5.34E-05	8.17E-06	3.50E-06
1105	463141.2	3772244	5.35E-05	8.20E-06	3.51E-06
1106	463149.6	3772247	5.38E-05	8.23E-06	3.53E-06
1107	463158	3772251	5.40E-05	8.26E-06	3.54E-06
1108	463166.4	3772254	5.42E-05	8.30E-06	3.56E-06
1109	463174.8	3772258	5.45E-05	8.34E-06	3.58E-06
1110	463434.8	3772365	6.14E-05	9.39E-06	4.03E-06
1111	463443.2	3772368	6.15E-05	9.41E-06	4.04E-06
1112	463451.6	3772372	6.16E-05	9.43E-06	4.04E-06
1113	463459.9	3772375	6.17E-05	9.45E-06	4.05E-06
1114	463468.3	3772379	6.19E-05	9.47E-06	4.06E-06
1115	463485.1	3772386	6.21E-05	9.51E-06	4.08E-06
1116	463493.5	3772389	6.22E-05	9.53E-06	4.08E-06
1117	463501.9	3772392	6.24E-05	9.55E-06	4.09E-06
1118	463510.3	3772396	6.25E-05	9.56E-06	4.10E-06
1119	463527	3772403	6.28E-05	9.61E-06	4.12E-06
1120	463535.4	3772406	6.29E-05	9.63E-06	4.13E-06
1121	463543.8	3772410	6.30E-05	9.65E-06	4.14E-06
1122	463552.2	3772413	6.32E-05	9.67E-06	4.15E-06
1123	463569	3772420	6.35E-05	9.71E-06	4.16E-06
1124	463594.2	3772430	6.39E-05	9.79E-06	4.20E-06
1125	463602.5	3772434	6.41E-05	9.81E-06	4.21E-06
1126	463610.9	3772437	6.43E-05	9.84E-06	4.22E-06
1127	463619.3	3772441	6.44E-05	9.86E-06	4.23E-06
1128	462997.9	3772189	5.39E-05	8.25E-06	3.54E-06
1129	462988.8	3772189	5.46E-05	8.35E-06	3.58E-06
1130	462979.7	3772189	5.53E-05	8.46E-06	3.63E-06
1131	462970.6	3772189	5.60E-05	8.58E-06	3.68E-06
1132	462961.5	3772189	5.68E-05	8.70E-06	3.73E-06
1133	462952.4	3772189	5.77E-05	8.83E-06	3.78E-06
1134	462943.3	3772189	5.85E-05	8.96E-06	3.84E-06
1135	462934.2	3772189	5.95E-05	9.11E-06	3.90E-06
1136	462925.1	3772189	6.04E-05	9.25E-06	3.96E-06
1137	462916	3772189	6.15E-05	9.41E-06	4.04E-06
1138	463031.9	3772159	4.93E-05	7.55E-06	3.24E-06
1139	463048.5	3772166	4.92E-05	7.53E-06	3.23E-06
1140	463056.9	3772169	4.91E-05	7.52E-06	3.23E-06
1141	463065.2	3772173	4.91E-05	7.52E-06	3.23E-06
1142	463081.8	3772180	4.92E-05	7.53E-06	3.23E-06
1143	463090.2	3772183	4.92E-05	7.54E-06	3.23E-06

1144	463106.8	3772190	4.94E-05	7.57E-06	3.24E-06
1145	463115.1	3772193	4.95E-05	7.58E-06	3.25E-06
1146	463123.5	3772197	4.97E-05	7.60E-06	3.26E-06
1147	463140.1	3772204	5.00E-05	7.65E-06	3.28E-06
1148	463148.5	3772207	5.02E-05	7.68E-06	3.29E-06
1149	463198.4	3772228	5.16E-05	7.90E-06	3.38E-06
1150	463206.7	3772231	5.18E-05	7.93E-06	3.40E-06
1151	463223.4	3772238	5.24E-05	8.02E-06	3.44E-06
1152	463231.7	3772241	5.26E-05	8.05E-06	3.45E-06
1153	463240	3772245	5.29E-05	8.10E-06	3.47E-06
1154	463256.7	3772252	5.34E-05	8.18E-06	3.50E-06
1155	463265	3772255	5.36E-05	8.21E-06	3.52E-06
1156	463439.9	3772327	5.74E-05	8.79E-06	3.77E-06
1157	463456.5	3772334	5.76E-05	8.82E-06	3.78E-06
1158	463464.9	3772337	5.78E-05	8.84E-06	3.79E-06
1159	463473.2	3772341	5.78E-05	8.86E-06	3.80E-06
1160	463489.8	3772348	5.80E-05	8.88E-06	3.81E-06
1161	463498.2	3772351	5.82E-05	8.91E-06	3.82E-06
1162	463506.5	3772354	5.83E-05	8.92E-06	3.82E-06
1163	463523.1	3772361	5.85E-05	8.95E-06	3.84E-06
1164	463531.5	3772365	5.86E-05	8.97E-06	3.85E-06
1165	463548.1	3772372	5.88E-05	9.01E-06	3.86E-06
1166	463556.4	3772375	5.89E-05	9.02E-06	3.87E-06
1167	463564.8	3772378	5.91E-05	9.04E-06	3.88E-06
1168	463589.8	3772389	5.94E-05	9.10E-06	3.90E-06
1169	463606.4	3772396	5.97E-05	9.13E-06	3.92E-06
1170	463614.7	3772399	5.98E-05	9.16E-06	3.93E-06
1171	463623.1	3772402	6.00E-05	9.18E-06	3.93E-06
1172	463639.7	3772409	6.02E-05	9.22E-06	3.95E-06
1173	463648	3772413	6.04E-05	9.24E-06	3.96E-06
1174	463664.7	3772420	6.07E-05	9.28E-06	3.98E-06
1175	463673	3772423	6.08E-05	9.31E-06	3.99E-06
1176	463681.3	3772426	6.09E-05	9.33E-06	4.00E-06
1177	463698	3772433	6.12E-05	9.37E-06	4.02E-06
1178	463706.3	3772437	6.14E-05	9.39E-06	4.03E-06
1179	462997.8	3772149	5.03E-05	7.70E-06	3.30E-06
1180	462988.7	3772149	5.09E-05	7.79E-06	3.34E-06
1181	462979.6	3772149	5.15E-05	7.88E-06	3.38E-06
1182	462970.5	3772149	5.21E-05	7.98E-06	3.42E-06
1183	462961.4	3772149	5.28E-05	8.09E-06	3.47E-06
1184	462952.3	3772149	5.36E-05	8.20E-06	3.52E-06
1185	462943.2	3772149	5.43E-05	8.32E-06	3.57E-06
1186	462934.1	3772149	5.52E-05	8.45E-06	3.62E-06
1187	462925	3772149	5.60E-05	8.58E-06	3.68E-06
1188	462915.9	3772149	5.70E-05	8.72E-06	3.74E-06
1189	462908	3773149	2.76E-02	4.23E-03	1.81E-03
1190	462908.1	3773159	3.13E-02	4.80E-03	2.06E-03
1191	462908.2	3773169	3.46E-02	5.29E-03	2.27E-03
1192	462908.3	3773179	3.70E-02	5.66E-03	2.43E-03
1193	462908.4	3773189	3.83E-02	5.86E-03	2.51E-03
1194	462908.5	3773199	3.85E-02	5.89E-03	2.53E-03
1195	462908.6	3773209	3.75E-02	5.75E-03	2.46E-03

1196	462908.6	3773219	3.55E-02	5.44E-03	2.33E-03
1197	462908.7	3773229	3.24E-02	4.96E-03	2.13E-03
1198	462908.8	3773239	2.87E-02	4.39E-03	1.88E-03
1199	462900.9	3773142	2.05E-02	3.14E-03	1.35E-03
1200	462898.1	3773159	2.25E-02	3.44E-03	1.47E-03
1201	462898.2	3773169	2.40E-02	3.68E-03	1.58E-03
1202	462898.3	3773179	2.51E-02	3.84E-03	1.65E-03
1203	462898.4	3773189	2.56E-02	3.92E-03	1.68E-03
1204	462898.5	3773199	2.54E-02	3.90E-03	1.67E-03
1205	462898.6	3773209	2.46E-02	3.77E-03	1.61E-03
1206	462898.6	3773219	2.32E-02	3.55E-03	1.52E-03
1207	462898.7	3773229	2.13E-02	3.26E-03	1.40E-03
1208	462898.8	3773239	1.92E-02	2.94E-03	1.26E-03
1209	462890.9	3773142	1.60E-02	2.45E-03	1.05E-03
1210	462903.8	3773125	1.71E-02	2.61E-03	1.12E-03
1211	462888.1	3773159	1.67E-02	2.56E-03	1.10E-03
1212	462888.2	3773169	1.75E-02	2.67E-03	1.15E-03
1213	462888.3	3773179	1.79E-02	2.74E-03	1.18E-03
1214	462888.4	3773189	1.80E-02	2.76E-03	1.18E-03
1215	462888.5	3773199	1.78E-02	2.72E-03	1.17E-03
1216	462888.6	3773209	1.71E-02	2.62E-03	1.12E-03
1217	462888.6	3773219	1.62E-02	2.48E-03	1.06E-03
1218	462888.7	3773229	1.51E-02	2.31E-03	9.90E-04
1219	462888.8	3773239	1.38E-02	2.12E-03	9.08E-04
1220	462880.9	3773142	1.26E-02	1.94E-03	8.30E-04
1221	462886.7	3773128	1.28E-02	1.96E-03	8.39E-04
1222	462896.7	3773118	1.36E-02	2.08E-03	8.93E-04
1223	462878.1	3773159	1.28E-02	1.96E-03	8.40E-04
1224	462878.2	3773169	1.31E-02	2.01E-03	8.63E-04
1225	462878.3	3773179	1.33E-02	2.04E-03	8.74E-04
1226	462878.4	3773189	1.33E-02	2.03E-03	8.72E-04
1227	462878.5	3773199	1.30E-02	1.99E-03	8.55E-04
1228	462878.6	3773209	1.26E-02	1.92E-03	8.24E-04
1229	462878.6	3773219	1.20E-02	1.83E-03	7.84E-04
1230	462878.7	3773229	1.12E-02	1.72E-03	7.37E-04
1231	462878.8	3773239	1.04E-02	1.60E-03	6.86E-04
1232	462871.6	3773140	1.02E-02	1.56E-03	6.71E-04
1233	462875.2	3773131	1.05E-02	1.61E-03	6.88E-04
1234	462878.8	3773123	1.05E-02	1.61E-03	6.90E-04
1235	462891.3	3773110	1.13E-02	1.73E-03	7.44E-04
1236	462900.2	3773106	1.21E-02	1.86E-03	7.96E-04
1237	462909	3773103	1.26E-02	1.93E-03	8.27E-04
1238	462868	3773149	9.77E-03	1.50E-03	6.41E-04
1239	462868.1	3773159	1.00E-02	1.53E-03	6.58E-04
1240	462868.2	3773169	1.02E-02	1.56E-03	6.68E-04
1241	462868.3	3773179	1.02E-02	1.56E-03	6.70E-04
1242	462868.4	3773189	1.01E-02	1.55E-03	6.65E-04
1243	462868.5	3773199	9.91E-03	1.52E-03	6.50E-04
1244	462868.6	3773209	9.58E-03	1.47E-03	6.29E-04
1245	462868.6	3773219	9.17E-03	1.40E-03	6.02E-04
1246	462868.7	3773229	8.69E-03	1.33E-03	5.71E-04
1247	462868.8	3773239	8.17E-03	1.25E-03	5.36E-04

1248	462861.5	3773141	8.30E-03	1.27E-03	5.45E-04
1249	462864.9	3773132	8.61E-03	1.32E-03	5.65E-04
1250	462868.4	3773124	8.79E-03	1.35E-03	5.77E-04
1251	462871.9	3773115	8.81E-03	1.35E-03	5.78E-04
1252	462883.8	3773103	9.43E-03	1.44E-03	6.19E-04
1253	462892.4	3773100	1.01E-02	1.54E-03	6.60E-04
1254	462900.9	3773096	1.05E-02	1.60E-03	6.88E-04
1255	462909.4	3773092	1.06E-02	1.63E-03	6.98E-04
1256	462858	3773149	7.89E-03	1.21E-03	5.18E-04
1257	462858.1	3773159	8.01E-03	1.23E-03	5.26E-04
1258	462858.2	3773169	8.06E-03	1.23E-03	5.29E-04
1259	462858.3	3773179	8.04E-03	1.23E-03	5.28E-04
1260	462858.4	3773189	7.95E-03	1.22E-03	5.21E-04
1261	462858.5	3773199	7.78E-03	1.19E-03	5.10E-04
1262	462858.6	3773209	7.54E-03	1.15E-03	4.95E-04
1263	462858.6	3773219	7.25E-03	1.11E-03	4.76E-04
1264	462858.7	3773229	6.92E-03	1.06E-03	4.54E-04
1265	462858.8	3773239	6.56E-03	1.00E-03	4.30E-04
1266	462851.4	3773141	6.82E-03	1.04E-03	4.48E-04
1267	462854.7	3773133	7.12E-03	1.09E-03	4.68E-04
1268	462861.5	3773116	7.47E-03	1.14E-03	4.90E-04
1269	462876.5	3773096	7.99E-03	1.22E-03	5.25E-04
1270	462893	3773089	8.86E-03	1.36E-03	5.81E-04
1271	462848.1	3773159	6.51E-03	9.96E-04	4.27E-04
1272	462848.2	3773169	6.51E-03	9.96E-04	4.27E-04
1273	462848.3	3773179	6.47E-03	9.90E-04	4.24E-04
1274	462848.4	3773189	6.38E-03	9.77E-04	4.19E-04
1275	462848.5	3773199	6.25E-03	9.56E-04	4.10E-04
1276	462848.6	3773209	6.08E-03	9.30E-04	3.99E-04
1277	462848.6	3773219	5.87E-03	8.99E-04	3.85E-04
1278	462848.7	3773229	5.64E-03	8.63E-04	3.70E-04
1279	462848.8	3773239	5.38E-03	8.23E-04	3.53E-04
1280	462841.3	3773141	5.66E-03	8.67E-04	3.72E-04
1281	462847.9	3773125	6.17E-03	9.45E-04	4.05E-04
1282	462854.5	3773109	6.44E-03	9.86E-04	4.23E-04
1283	462869.2	3773089	6.87E-03	1.05E-03	4.51E-04
1284	462885.4	3773082	7.58E-03	1.16E-03	4.98E-04
1285	462901.6	3773076	7.80E-03	1.19E-03	5.12E-04
1286	462838.1	3773160	5.37E-03	8.21E-04	3.52E-04
1287	462838.2	3773169	5.35E-03	8.18E-04	3.51E-04
1288	462838.3	3773179	5.30E-03	8.11E-04	3.48E-04
1289	462838.4	3773189	5.22E-03	8.00E-04	3.43E-04
1290	462838.5	3773199	5.12E-03	7.84E-04	3.36E-04
1291	462838.6	3773209	4.99E-03	7.65E-04	3.28E-04
1292	462838.6	3773219	4.85E-03	7.42E-04	3.18E-04
1293	462838.7	3773229	4.68E-03	7.16E-04	3.07E-04
1294	462838.8	3773239	4.48E-03	6.86E-04	2.94E-04
1295	462831.7	3773141	4.79E-03	7.33E-04	3.14E-04
1296	462835.4	3773131	5.06E-03	7.75E-04	3.32E-04
1297	462839.2	3773122	5.30E-03	8.11E-04	3.48E-04
1298	462842.9	3773113	5.48E-03	8.39E-04	3.60E-04
1299	462846.6	3773104	5.59E-03	8.56E-04	3.67E-04

1300	462850.3	3773095	5.63E-03	8.61E-04	3.69E-04
1301	462863.1	3773082	6.01E-03	9.21E-04	3.95E-04
1302	462872.2	3773078	6.38E-03	9.77E-04	4.19E-04
1303	462881.4	3773074	6.65E-03	1.02E-03	4.37E-04
1304	462890.5	3773070	6.79E-03	1.04E-03	4.46E-04
1305	462899.6	3773066	6.78E-03	1.04E-03	4.45E-04
1306	462908.7	3773063	6.63E-03	1.01E-03	4.35E-04
1307	462828	3773150	4.49E-03	6.88E-04	2.95E-04
1308	462828.1	3773160	4.48E-03	6.86E-04	2.94E-04
1309	462828.2	3773170	4.45E-03	6.82E-04	2.92E-04
1310	462828.3	3773180	4.41E-03	6.75E-04	2.89E-04
1311	462828.4	3773189	4.35E-03	6.65E-04	2.85E-04
1312	462828.5	3773199	4.27E-03	6.53E-04	2.80E-04
1313	462828.6	3773209	4.17E-03	6.39E-04	2.74E-04
1314	462828.6	3773219	4.06E-03	6.22E-04	2.67E-04
1315	462828.7	3773229	3.94E-03	6.03E-04	2.58E-04
1316	462828.8	3773239	3.79E-03	5.80E-04	2.49E-04
1317	462821.6	3773141	4.05E-03	6.20E-04	2.66E-04
1318	462825.2	3773132	4.28E-03	6.56E-04	2.81E-04
1319	462828.8	3773123	4.50E-03	6.89E-04	2.95E-04
1320	462832.5	3773114	4.69E-03	7.17E-04	3.08E-04
1321	462836.1	3773105	4.83E-03	7.39E-04	3.17E-04
1322	462839.7	3773096	4.92E-03	7.53E-04	3.23E-04
1323	462843.3	3773087	4.94E-03	7.57E-04	3.24E-04
1324	462855.8	3773075	5.27E-03	8.06E-04	3.46E-04
1325	462864.6	3773071	5.58E-03	8.54E-04	3.66E-04
1326	462873.5	3773067	5.81E-03	8.90E-04	3.81E-04
1327	462882.3	3773064	5.95E-03	9.11E-04	3.91E-04
1328	462891.2	3773060	5.99E-03	9.16E-04	3.93E-04
1329	462900.1	3773056	5.91E-03	9.04E-04	3.88E-04
1330	462908.9	3773053	5.72E-03	8.76E-04	3.76E-04
1331	462818	3773150	3.81E-03	5.83E-04	2.50E-04
1332	462818.1	3773160	3.79E-03	5.80E-04	2.49E-04
1333	462818.2	3773170	3.76E-03	5.75E-04	2.47E-04
1334	462818.3	3773180	3.72E-03	5.69E-04	2.44E-04
1335	462818.4	3773190	3.67E-03	5.61E-04	2.41E-04
1336	462818.5	3773200	3.61E-03	5.52E-04	2.37E-04
1337	462818.6	3773209	3.53E-03	5.41E-04	2.32E-04
1338	462818.6	3773219	3.45E-03	5.28E-04	2.27E-04
1339	462818.7	3773229	3.36E-03	5.14E-04	2.20E-04
1340	462818.8	3773239	3.25E-03	4.97E-04	2.13E-04
1341	462801.5	3773141	2.97E-03	4.55E-04	1.95E-04
1342	462804.9	3773133	3.14E-03	4.81E-04	2.06E-04
1343	462808.4	3773124	3.31E-03	5.07E-04	2.17E-04
1344	462811.9	3773116	3.47E-03	5.31E-04	2.28E-04
1345	462815.3	3773107	3.61E-03	5.53E-04	2.37E-04
1346	462818.8	3773099	3.73E-03	5.72E-04	2.45E-04
1347	462822.3	3773090	3.83E-03	5.86E-04	2.51E-04
1348	462825.7	3773082	3.89E-03	5.95E-04	2.55E-04
1349	462829.2	3773073	3.91E-03	5.98E-04	2.56E-04
1350	462841.2	3773061	4.14E-03	6.34E-04	2.72E-04
1351	462849.7	3773057	4.37E-03	6.68E-04	2.87E-04

1352	462858.2	3773054	4.55E-03	6.96E-04	2.98E-04
1353	462866.7	3773050	4.68E-03	7.16E-04	3.07E-04
1354	462875.2	3773047	4.74E-03	7.26E-04	3.11E-04
1355	462883.7	3773043	4.74E-03	7.26E-04	3.11E-04
1356	462892.2	3773040	4.67E-03	7.15E-04	3.07E-04
1357	462900.7	3773036	4.54E-03	6.95E-04	2.98E-04
1358	462909.2	3773032	4.34E-03	6.65E-04	2.85E-04
1359	462798	3773150	2.81E-03	4.30E-04	1.84E-04
1360	462798.1	3773160	2.79E-03	4.27E-04	1.83E-04
1361	462798.2	3773170	2.76E-03	4.23E-04	1.81E-04
1362	462798.3	3773180	2.73E-03	4.19E-04	1.79E-04
1363	462798.4	3773190	2.70E-03	4.14E-04	1.77E-04
1364	462798.5	3773200	2.66E-03	4.08E-04	1.75E-04
1365	462798.6	3773210	2.62E-03	4.01E-04	1.72E-04
1366	462798.6	3773220	2.57E-03	3.94E-04	1.69E-04
1367	462798.7	3773230	2.52E-03	3.85E-04	1.65E-04
1368	462798.8	3773240	2.45E-03	3.75E-04	1.61E-04
1369	462781.7	3773141	2.26E-03	3.47E-04	1.49E-04
1370	462785.4	3773132	2.40E-03	3.67E-04	1.57E-04
1371	462789	3773123	2.53E-03	3.87E-04	1.66E-04
1372	462792.7	3773114	2.66E-03	4.08E-04	1.75E-04
1373	462796.4	3773105	2.79E-03	4.28E-04	1.83E-04
1374	462800.1	3773096	2.91E-03	4.46E-04	1.91E-04
1375	462803.7	3773087	3.01E-03	4.61E-04	1.98E-04
1376	462807.4	3773078	3.09E-03	4.73E-04	2.03E-04
1377	462811.1	3773069	3.14E-03	4.81E-04	2.06E-04
1378	462814.8	3773059	3.16E-03	4.84E-04	2.08E-04
1379	462827.5	3773047	3.36E-03	5.14E-04	2.20E-04
1380	462836.5	3773043	3.54E-03	5.42E-04	2.32E-04
1381	462845.5	3773039	3.69E-03	5.64E-04	2.42E-04
1382	462854.5	3773035	3.79E-03	5.81E-04	2.49E-04
1383	462863.6	3773032	3.85E-03	5.90E-04	2.53E-04
1384	462872.6	3773028	3.86E-03	5.91E-04	2.53E-04
1385	462881.6	3773024	3.81E-03	5.84E-04	2.50E-04
1386	462890.6	3773020	3.71E-03	5.68E-04	2.44E-04
1387	462899.7	3773016	3.57E-03	5.46E-04	2.34E-04
1388	462908.7	3773013	3.38E-03	5.18E-04	2.22E-04
1389	462778	3773150	2.14E-03	3.28E-04	1.40E-04
1390	462778.1	3773160	2.12E-03	3.25E-04	1.39E-04
1391	462778.2	3773170	2.10E-03	3.22E-04	1.38E-04
1392	462778.3	3773180	2.08E-03	3.19E-04	1.37E-04
1393	462778.4	3773190	2.06E-03	3.16E-04	1.35E-04
1394	462778.5	3773200	2.04E-03	3.12E-04	1.34E-04
1395	462778.6	3773210	2.01E-03	3.08E-04	1.32E-04
1396	462778.6	3773220	1.98E-03	3.04E-04	1.30E-04
1397	462778.7	3773230	1.95E-03	2.98E-04	1.28E-04
1398	462778.8	3773240	1.91E-03	2.92E-04	1.25E-04
1399	462761.6	3773142	1.76E-03	2.70E-04	1.16E-04
1400	462765.1	3773133	1.85E-03	2.84E-04	1.22E-04
1401	462768.7	3773124	1.95E-03	2.99E-04	1.28E-04
1402	462772.2	3773115	2.05E-03	3.14E-04	1.35E-04
1403	462775.8	3773106	2.15E-03	3.30E-04	1.41E-04

1404	462779.3	3773098	2.25E-03	3.45E-04	1.48E-04
1405	462782.9	3773089	2.35E-03	3.59E-04	1.54E-04
1406	462786.5	3773080	2.43E-03	3.72E-04	1.60E-04
1407	462790	3773071	2.50E-03	3.83E-04	1.64E-04
1408	462793.6	3773063	2.56E-03	3.92E-04	1.68E-04
1409	462797.1	3773054	2.60E-03	3.98E-04	1.70E-04
1410	462800.7	3773045	2.62E-03	4.00E-04	1.72E-04
1411	462813	3773033	2.76E-03	4.23E-04	1.81E-04
1412	462821.7	3773029	2.90E-03	4.44E-04	1.90E-04
1413	462830.4	3773025	3.02E-03	4.62E-04	1.98E-04
1414	462839.1	3773022	3.11E-03	4.76E-04	2.04E-04
1415	462847.9	3773018	3.17E-03	4.86E-04	2.08E-04
1416	462856.6	3773014	3.20E-03	4.90E-04	2.10E-04
1417	462865.3	3773011	3.19E-03	4.89E-04	2.10E-04
1418	462874	3773007	3.15E-03	4.82E-04	2.07E-04
1419	462882.8	3773003	3.07E-03	4.70E-04	2.02E-04
1420	462891.5	3773000	2.96E-03	4.53E-04	1.94E-04
1421	462900.2	3772996	2.83E-03	4.32E-04	1.85E-04
1422	462908.9	3772992	2.67E-03	4.08E-04	1.75E-04
1423	462758	3773150	1.68E-03	2.56E-04	1.10E-04
1424	462758.1	3773160	1.66E-03	2.54E-04	1.09E-04
1425	462758.2	3773170	1.65E-03	2.52E-04	1.08E-04
1426	462758.3	3773180	1.64E-03	2.51E-04	1.07E-04
1427	462758.4	3773190	1.62E-03	2.48E-04	1.07E-04
1428	462758.5	3773200	1.61E-03	2.46E-04	1.06E-04
1429	462758.6	3773210	1.59E-03	2.44E-04	1.04E-04
1430	462758.6	3773220	1.57E-03	2.41E-04	1.03E-04
1431	462758.7	3773230	1.55E-03	2.37E-04	1.02E-04
1432	462758.8	3773240	1.52E-03	2.33E-04	9.98E-05
1433	462745.4	3773132	1.48E-03	2.26E-04	9.71E-05
1434	462749.2	3773123	1.56E-03	2.38E-04	1.02E-04
1435	462752.9	3773114	1.64E-03	2.50E-04	1.07E-04
1436	462756.6	3773105	1.72E-03	2.63E-04	1.13E-04
1437	462760.3	3773096	1.80E-03	2.76E-04	1.18E-04
1438	462764	3773086	1.89E-03	2.89E-04	1.24E-04
1439	462767.7	3773077	1.97E-03	3.01E-04	1.29E-04
1440	462771.4	3773068	2.04E-03	3.12E-04	1.34E-04
1441	462775.2	3773059	2.10E-03	3.21E-04	1.38E-04
1442	462778.9	3773050	2.15E-03	3.29E-04	1.41E-04
1443	462782.6	3773041	2.18E-03	3.34E-04	1.43E-04
1444	462786.3	3773031	2.20E-03	3.36E-04	1.44E-04
1445	462799.1	3773018	2.32E-03	3.56E-04	1.53E-04
1446	462808.2	3773015	2.44E-03	3.73E-04	1.60E-04
1447	462817.4	3773011	2.54E-03	3.89E-04	1.67E-04
1448	462826.5	3773007	2.62E-03	4.01E-04	1.72E-04
1449	462835.6	3773003	2.67E-03	4.09E-04	1.75E-04
1450	462844.7	3772999	2.70E-03	4.13E-04	1.77E-04
1451	462853.8	3772996	2.70E-03	4.13E-04	1.77E-04
1452	462862.9	3772992	2.67E-03	4.08E-04	1.75E-04
1453	462872.1	3772988	2.61E-03	3.99E-04	1.71E-04
1454	462881.2	3772984	2.52E-03	3.86E-04	1.65E-04
1455	462890.3	3772980	2.41E-03	3.69E-04	1.58E-04

1456	462899.4	3772976	2.29E-03	3.50E-04	1.50E-04
1457	462908.5	3772973	2.15E-03	3.29E-04	1.41E-04
1458	462721.6	3773142	1.14E-03	1.75E-04	7.51E-05
1459	462725.2	3773133	1.20E-03	1.83E-04	7.85E-05
1460	462728.8	3773124	1.25E-03	1.91E-04	8.21E-05
1461	462746.9	3773079	1.57E-03	2.41E-04	1.03E-04
1462	462750.5	3773071	1.64E-03	2.50E-04	1.07E-04
1463	462754.1	3773062	1.70E-03	2.60E-04	1.11E-04
1464	462757.7	3773053	1.75E-03	2.68E-04	1.15E-04
1465	462761.3	3773044	1.80E-03	2.75E-04	1.18E-04
1466	462765	3773035	1.83E-03	2.81E-04	1.20E-04
1467	462768.6	3773026	1.86E-03	2.85E-04	1.22E-04
1468	462772.2	3773017	1.87E-03	2.87E-04	1.23E-04
1469	462784.7	3773005	1.98E-03	3.02E-04	1.30E-04
1470	462793.5	3773001	2.07E-03	3.16E-04	1.36E-04
1471	462802.4	3772997	2.15E-03	3.29E-04	1.41E-04
1472	462811.2	3772993	2.21E-03	3.39E-04	1.45E-04
1473	462820.1	3772990	2.27E-03	3.47E-04	1.49E-04
1474	462829	3772986	2.30E-03	3.52E-04	1.51E-04
1475	462837.8	3772982	2.31E-03	3.54E-04	1.52E-04
1476	462846.7	3772979	2.30E-03	3.52E-04	1.51E-04
1477	462855.6	3772975	2.27E-03	3.48E-04	1.49E-04
1478	462864.4	3772971	2.22E-03	3.40E-04	1.46E-04
1479	462873.3	3772967	2.15E-03	3.29E-04	1.41E-04
1480	462882.1	3772964	2.07E-03	3.16E-04	1.36E-04
1481	462891	3772960	1.97E-03	3.02E-04	1.29E-04
1482	462899.9	3772956	1.86E-03	2.85E-04	1.22E-04
1483	462908.7	3772953	1.75E-03	2.68E-04	1.15E-04
1484	462718	3773151	1.10E-03	1.68E-04	7.20E-05
1485	462718.1	3773161	1.09E-03	1.67E-04	7.15E-05
1486	462718.2	3773171	1.08E-03	1.66E-04	7.11E-05
1487	462718.3	3773181	1.08E-03	1.65E-04	7.07E-05
1488	462718.4	3773190	1.07E-03	1.64E-04	7.03E-05
1489	462718.5	3773200	1.07E-03	1.63E-04	6.99E-05
1490	462718.6	3773210	1.06E-03	1.62E-04	6.94E-05
1491	462718.7	3773220	1.05E-03	1.61E-04	6.89E-05
1492	462718.7	3773230	1.04E-03	1.59E-04	6.82E-05
1493	462718.8	3773240	1.03E-03	1.57E-04	6.73E-05
1494	462701.8	3773142	9.49E-04	1.45E-04	6.23E-05
1495	462705.5	3773132	9.89E-04	1.51E-04	6.49E-05
1496	462709.2	3773123	1.03E-03	1.58E-04	6.78E-05
1497	462713	3773114	1.08E-03	1.65E-04	7.09E-05
1498	462716.7	3773105	1.13E-03	1.73E-04	7.42E-05
1499	462720.4	3773096	1.18E-03	1.81E-04	7.78E-05
1500	462724.2	3773086	1.24E-03	1.90E-04	8.14E-05
1501	462727.9	3773077	1.30E-03	1.99E-04	8.52E-05
1502	462731.7	3773068	1.35E-03	2.07E-04	8.89E-05
1503	462735.4	3773059	1.41E-03	2.16E-04	9.25E-05
1504	462739.1	3773049	1.46E-03	2.24E-04	9.58E-05
1505	462742.9	3773040	1.51E-03	2.31E-04	9.89E-05
1506	462746.6	3773031	1.55E-03	2.37E-04	1.02E-04
1507	462750.4	3773022	1.58E-03	2.42E-04	1.04E-04

1508	462754.1	3773013	1.60E-03	2.45E-04	1.05E-04
1509	462757.8	3773003	1.62E-03	2.47E-04	1.06E-04
1510	462770.7	3772990	1.70E-03	2.61E-04	1.12E-04
1511	462779.9	3772986	1.78E-03	2.73E-04	1.17E-04
1512	462789.1	3772983	1.85E-03	2.83E-04	1.21E-04
1513	462798.3	3772979	1.91E-03	2.92E-04	1.25E-04
1514	462807.4	3772975	1.95E-03	2.99E-04	1.28E-04
1515	462816.6	3772971	1.98E-03	3.04E-04	1.30E-04
1516	462825.8	3772967	2.00E-03	3.06E-04	1.31E-04
1517	462835	3772963	1.99E-03	3.05E-04	1.31E-04
1518	462844.1	3772960	1.97E-03	3.02E-04	1.29E-04
1519	462853.3	3772956	1.93E-03	2.96E-04	1.27E-04
1520	462862.5	3772952	1.88E-03	2.88E-04	1.23E-04
1521	462871.7	3772948	1.81E-03	2.77E-04	1.19E-04
1522	462880.8	3772944	1.73E-03	2.65E-04	1.14E-04
1523	462890	3772940	1.64E-03	2.52E-04	1.08E-04
1524	462899.2	3772937	1.55E-03	2.37E-04	1.02E-04
1525	462908.4	3772933	1.45E-03	2.22E-04	9.52E-05
1526	462698	3773151	9.11E-04	1.40E-04	5.98E-05
1527	462698.1	3773161	9.06E-04	1.39E-04	5.95E-05
1528	462698.2	3773171	9.02E-04	1.38E-04	5.92E-05
1529	462698.3	3773181	8.98E-04	1.37E-04	5.89E-05
1530	462698.4	3773191	8.94E-04	1.37E-04	5.87E-05
1531	462698.5	3773201	8.90E-04	1.36E-04	5.84E-05
1532	462698.6	3773211	8.85E-04	1.35E-04	5.81E-05
1533	462698.7	3773221	8.79E-04	1.35E-04	5.77E-05
1534	462698.7	3773230	8.66E-04	1.33E-04	5.69E-05
1535	462698.8	3773240	8.55E-04	1.31E-04	5.61E-05
1536	462681.7	3773142	7.96E-04	1.22E-04	5.22E-05
1537	462685.3	3773133	8.26E-04	1.26E-04	5.42E-05
1538	462689	3773124	8.59E-04	1.31E-04	5.64E-05
1539	462692.6	3773115	8.94E-04	1.37E-04	5.87E-05
1540	462696.3	3773106	9.32E-04	1.43E-04	6.12E-05
1541	462699.9	3773097	9.73E-04	1.49E-04	6.39E-05
1542	462703.6	3773088	1.02E-03	1.56E-04	6.67E-05
1543	462707.2	3773079	1.06E-03	1.63E-04	6.97E-05
1544	462710.9	3773070	1.11E-03	1.70E-04	7.27E-05
1545	462714.5	3773061	1.15E-03	1.77E-04	7.58E-05
1546	462718.2	3773052	1.20E-03	1.84E-04	7.88E-05
1547	462721.8	3773043	1.24E-03	1.90E-04	8.16E-05
1548	462725.5	3773034	1.28E-03	1.97E-04	8.43E-05
1549	462729.1	3773025	1.32E-03	2.02E-04	8.67E-05
1550	462732.8	3773016	1.35E-03	2.07E-04	8.88E-05
1551	462736.4	3773007	1.38E-03	2.11E-04	9.04E-05
1552	462740.1	3772998	1.40E-03	2.14E-04	9.16E-05
1553	462743.7	3772989	1.41E-03	2.16E-04	9.24E-05
1554	462756.3	3772976	1.48E-03	2.27E-04	9.72E-05
1555	462765.3	3772973	1.54E-03	2.36E-04	1.01E-04
1556	462774.2	3772969	1.60E-03	2.45E-04	1.05E-04
1557	462783.2	3772965	1.65E-03	2.53E-04	1.08E-04
1558	462792.1	3772961	1.69E-03	2.59E-04	1.11E-04
1559	462801.1	3772958	1.72E-03	2.64E-04	1.13E-04

1560	462810	3772954	1.74E-03	2.66E-04	1.14E-04
1561	462819	3772950	1.75E-03	2.67E-04	1.15E-04
1562	462827.9	3772946	1.74E-03	2.66E-04	1.14E-04
1563	462836.9	3772943	1.72E-03	2.63E-04	1.13E-04
1564	462845.9	3772939	1.68E-03	2.58E-04	1.10E-04
1565	462854.8	3772935	1.64E-03	2.51E-04	1.08E-04
1566	462863.8	3772931	1.58E-03	2.42E-04	1.04E-04
1567	462872.7	3772928	1.52E-03	2.33E-04	9.97E-05
1568	462881.7	3772924	1.45E-03	2.22E-04	9.50E-05
1569	462890.6	3772920	1.37E-03	2.10E-04	9.01E-05
1570	462899.6	3772916	1.29E-03	1.98E-04	8.49E-05
1571	462908.5	3772913	1.21E-03	1.86E-04	7.96E-05
1572	462678	3773151	7.68E-04	1.18E-04	5.04E-05
1573	462678.1	3773161	7.65E-04	1.17E-04	5.02E-05
1574	462678.2	3773171	7.62E-04	1.17E-04	5.00E-05
1575	462678.3	3773181	7.59E-04	1.16E-04	4.98E-05
1576	462678.4	3773191	7.57E-04	1.16E-04	4.97E-05
1577	462678.5	3773201	7.53E-04	1.15E-04	4.94E-05
1578	462678.6	3773211	7.47E-04	1.14E-04	4.90E-05
1579	462678.7	3773221	7.41E-04	1.14E-04	4.87E-05
1580	462678.7	3773231	7.35E-04	1.13E-04	4.82E-05
1581	462678.8	3773241	7.28E-04	1.11E-04	4.78E-05
1582	462661.6	3773142	6.77E-04	1.04E-04	4.44E-05
1583	462665.2	3773134	7.00E-04	1.07E-04	4.59E-05
1584	462668.7	3773125	7.25E-04	1.11E-04	4.76E-05
1585	462672.3	3773116	7.52E-04	1.15E-04	4.93E-05
1586	462675.9	3773107	7.81E-04	1.20E-04	5.12E-05
1587	462679.5	3773098	8.12E-04	1.24E-04	5.33E-05
1588	462683.1	3773089	8.45E-04	1.29E-04	5.55E-05
1589	462686.6	3773081	8.80E-04	1.35E-04	5.78E-05
1590	462690.2	3773072	9.17E-04	1.40E-04	6.02E-05
1591	462693.8	3773063	9.56E-04	1.46E-04	6.27E-05
1592	462697.4	3773054	9.94E-04	1.52E-04	6.52E-05
1593	462700.9	3773045	1.03E-03	1.58E-04	6.77E-05
1594	462704.5	3773037	1.07E-03	1.64E-04	7.02E-05
1595	462708.1	3773028	1.10E-03	1.69E-04	7.25E-05
1596	462711.7	3773019	1.14E-03	1.74E-04	7.46E-05
1597	462715.2	3773010	1.17E-03	1.79E-04	7.66E-05
1598	462718.8	3773001	1.19E-03	1.83E-04	7.82E-05
1599	462722.4	3772992	1.21E-03	1.86E-04	7.96E-05
1600	462726	3772984	1.23E-03	1.88E-04	8.06E-05
1601	462729.6	3772975	1.24E-03	1.90E-04	8.13E-05
1602	462741.9	3772962	1.30E-03	1.99E-04	8.53E-05
1603	462750.7	3772959	1.35E-03	2.07E-04	8.87E-05
1604	462759.5	3772955	1.40E-03	2.14E-04	9.19E-05
1605	462768.2	3772951	1.44E-03	2.21E-04	9.47E-05
1606	462777	3772948	1.48E-03	2.26E-04	9.71E-05
1607	462785.8	3772944	1.51E-03	2.31E-04	9.89E-05
1608	462794.6	3772940	1.53E-03	2.34E-04	1.00E-04
1609	462803.4	3772937	1.54E-03	2.35E-04	1.01E-04
1610	462812.1	3772933	1.54E-03	2.35E-04	1.01E-04
1611	462820.9	3772929	1.53E-03	2.34E-04	1.00E-04

1612	462829.7	3772926	1.51E-03	2.31E-04	9.89E-05
1613	462838.5	3772922	1.48E-03	2.26E-04	9.70E-05
1614	462847.2	3772918	1.44E-03	2.21E-04	9.45E-05
1615	462856	3772915	1.39E-03	2.14E-04	9.15E-05
1616	462864.8	3772911	1.34E-03	2.05E-04	8.81E-05
1617	462873.6	3772907	1.28E-03	1.97E-04	8.43E-05
1618	462882.4	3772904	1.22E-03	1.87E-04	8.02E-05
1619	462891.1	3772900	1.16E-03	1.77E-04	7.60E-05
1620	462658	3773151	6.56E-04	1.00E-04	4.30E-05
1621	462658.1	3773161	6.54E-04	1.00E-04	4.29E-05
1622	462658.2	3773171	6.52E-04	9.98E-05	4.28E-05
1623	462658.3	3773181	6.50E-04	9.95E-05	4.27E-05
1624	462658.4	3773191	6.48E-04	9.92E-05	4.25E-05
1625	462658.5	3773201	6.43E-04	9.84E-05	4.22E-05
1626	462658.6	3773211	6.38E-04	9.77E-05	4.19E-05
1627	462658.7	3773221	6.35E-04	9.72E-05	4.17E-05
1628	462658.7	3773231	6.31E-04	9.66E-05	4.14E-05
1629	462658.8	3773241	6.26E-04	9.58E-05	4.11E-05
1630	462641.7	3773142	5.84E-04	8.94E-05	3.83E-05
1631	462645.4	3773133	6.02E-04	9.22E-05	3.95E-05
1632	462649	3773124	6.23E-04	9.53E-05	4.09E-05
1633	462652.7	3773115	6.45E-04	9.87E-05	4.23E-05
1634	462656.4	3773106	6.68E-04	1.02E-04	4.38E-05
1635	462660.1	3773097	6.94E-04	1.06E-04	4.55E-05
1636	462663.8	3773088	7.21E-04	1.10E-04	4.73E-05
1637	462667.4	3773079	7.51E-04	1.15E-04	4.93E-05
1638	462671.1	3773070	7.82E-04	1.20E-04	5.13E-05
1639	462674.8	3773061	8.14E-04	1.25E-04	5.34E-05
1640	462678.5	3773052	8.47E-04	1.30E-04	5.56E-05
1641	462682.1	3773043	8.81E-04	1.35E-04	5.78E-05
1642	462685.8	3773034	9.14E-04	1.40E-04	6.00E-05
1643	462689.5	3773024	9.47E-04	1.45E-04	6.21E-05
1644	462693.2	3773015	9.78E-04	1.50E-04	6.42E-05
1645	462696.8	3773006	1.01E-03	1.54E-04	6.61E-05
1646	462700.5	3772997	1.03E-03	1.58E-04	6.78E-05
1647	462704.2	3772988	1.06E-03	1.62E-04	6.93E-05
1648	462707.9	3772979	1.07E-03	1.64E-04	7.05E-05
1649	462711.6	3772970	1.09E-03	1.67E-04	7.14E-05
1650	462715.2	3772961	1.10E-03	1.68E-04	7.20E-05
1651	462727.9	3772948	1.15E-03	1.76E-04	7.55E-05
1652	462737	3772944	1.20E-03	1.83E-04	7.86E-05
1653	462746	3772941	1.24E-03	1.90E-04	8.14E-05
1654	462755	3772937	1.28E-03	1.96E-04	8.39E-05
1655	462764	3772933	1.31E-03	2.01E-04	8.60E-05
1656	462773	3772929	1.34E-03	2.04E-04	8.76E-05
1657	462782.1	3772926	1.35E-03	2.07E-04	8.88E-05
1658	462791.1	3772922	1.36E-03	2.09E-04	8.95E-05
1659	462800.1	3772918	1.37E-03	2.09E-04	8.96E-05
1660	462809.1	3772914	1.36E-03	2.08E-04	8.92E-05
1661	462818.2	3772910	1.34E-03	2.06E-04	8.82E-05
1662	462827.2	3772907	1.32E-03	2.02E-04	8.67E-05
1663	462836.2	3772903	1.29E-03	1.97E-04	8.47E-05

1664	462845.2	3772899	1.25E-03	1.92E-04	8.22E-05
1665	462638	3773151	5.66E-04	8.67E-05	3.72E-05
1666	462638.1	3773161	5.65E-04	8.65E-05	3.71E-05
1667	462638.2	3773171	5.64E-04	8.63E-05	3.70E-05
1668	462638.3	3773181	5.62E-04	8.61E-05	3.69E-05
1669	462638.4	3773191	5.61E-04	8.59E-05	3.68E-05
1670	462638.5	3773201	5.57E-04	8.52E-05	3.65E-05
1671	462638.6	3773211	5.53E-04	8.47E-05	3.63E-05
1672	462638.7	3773221	5.51E-04	8.44E-05	3.62E-05
1673	462638.7	3773231	5.48E-04	8.39E-05	3.60E-05
1674	462638.8	3773241	5.43E-04	8.32E-05	3.57E-05
1675	462628.9	3773125	5.38E-04	8.24E-05	3.53E-05
1676	462632.5	3773116	5.55E-04	8.50E-05	3.64E-05
1677	462636.1	3773107	5.73E-04	8.77E-05	3.76E-05
1678	462639.7	3773098	5.93E-04	9.08E-05	3.89E-05
1679	462643.3	3773089	6.14E-04	9.40E-05	4.03E-05
1680	462646.9	3773080	6.37E-04	9.75E-05	4.18E-05
1681	462650.5	3773071	6.62E-04	1.01E-04	4.34E-05
1682	462654.1	3773063	6.88E-04	1.05E-04	4.51E-05
1683	462657.7	3773054	7.15E-04	1.09E-04	4.69E-05
1684	462661.4	3773045	7.42E-04	1.14E-04	4.87E-05
1685	462665	3773036	7.71E-04	1.18E-04	5.06E-05
1686	462668.6	3773027	7.99E-04	1.22E-04	5.24E-05
1687	462672.2	3773018	8.27E-04	1.27E-04	5.43E-05
1688	462675.8	3773009	8.55E-04	1.31E-04	5.61E-05
1689	462679.4	3773000	8.80E-04	1.35E-04	5.78E-05
1690	462683	3772991	9.04E-04	1.38E-04	5.93E-05
1691	462686.6	3772982	9.25E-04	1.42E-04	6.07E-05
1692	462690.2	3772974	9.44E-04	1.44E-04	6.19E-05
1693	462693.9	3772965	9.59E-04	1.47E-04	6.29E-05
1694	462697.5	3772956	9.71E-04	1.49E-04	6.37E-05
1695	462701.1	3772947	9.79E-04	1.50E-04	6.43E-05
1696	462713.5	3772934	1.03E-03	1.57E-04	6.73E-05
1697	462722.4	3772930	1.06E-03	1.63E-04	6.99E-05
1698	462731.3	3772927	1.10E-03	1.69E-04	7.23E-05
1699	462740.1	3772923	1.13E-03	1.74E-04	7.44E-05
1700	462749	3772919	1.16E-03	1.78E-04	7.63E-05
1701	462757.9	3772916	1.19E-03	1.82E-04	7.78E-05
1702	462766.7	3772912	1.20E-03	1.84E-04	7.90E-05
1703	462775.6	3772908	1.22E-03	1.86E-04	7.98E-05
1704	462784.4	3772905	1.22E-03	1.87E-04	8.02E-05
1705	462793.3	3772901	1.22E-03	1.87E-04	8.01E-05
1706	462802.2	3772897	1.21E-03	1.86E-04	7.96E-05
1707	462890.8	3772860	8.53E-04	1.31E-04	5.60E-05
1708	462899.7	3772856	8.05E-04	1.23E-04	5.28E-05
1709	462908.5	3772853	7.57E-04	1.16E-04	4.97E-05
1710	462591.7	3773143	4.19E-04	6.41E-05	2.75E-05
1711	462595.4	3773134	4.30E-04	6.58E-05	2.82E-05
1712	462599	3773125	4.42E-04	6.76E-05	2.90E-05
1713	462602.7	3773116	4.54E-04	6.95E-05	2.98E-05
1714	462606.4	3773107	4.67E-04	7.15E-05	3.07E-05
1715	462628.4	3773052	5.73E-04	8.77E-05	3.76E-05

1716	462632	3773043	5.95E-04	9.10E-05	3.90E-05
1717	462635.7	3773034	6.17E-04	9.45E-05	4.05E-05
1718	462639.4	3773025	6.40E-04	9.80E-05	4.20E-05
1719	462643	3773016	6.64E-04	1.02E-04	4.35E-05
1720	462646.7	3773007	6.87E-04	1.05E-04	4.51E-05
1721	462650.4	3772998	7.10E-04	1.09E-04	4.66E-05
1722	462654	3772989	7.32E-04	1.12E-04	4.80E-05
1723	462657.7	3772980	7.53E-04	1.15E-04	4.94E-05
1724	462661.4	3772971	7.72E-04	1.18E-04	5.07E-05
1725	462665	3772962	7.90E-04	1.21E-04	5.18E-05
1726	462668.7	3772953	8.05E-04	1.23E-04	5.28E-05
1727	462672.4	3772944	8.18E-04	1.25E-04	5.37E-05
1728	462676	3772935	8.28E-04	1.27E-04	5.43E-05
1729	462679.7	3772926	8.35E-04	1.28E-04	5.48E-05
1730	462692.4	3772913	8.73E-04	1.34E-04	5.73E-05
1731	462701.4	3772909	9.06E-04	1.39E-04	5.94E-05
1732	462710.3	3772906	9.36E-04	1.43E-04	6.14E-05
1733	462719.3	3772902	9.64E-04	1.47E-04	6.32E-05
1734	462728.3	3772898	9.88E-04	1.51E-04	6.48E-05
1735	462737.3	3772894	1.01E-03	1.54E-04	6.62E-05
1736	462827.3	3772857	9.51E-04	1.46E-04	6.24E-05
1737	462836.3	3772853	9.20E-04	1.41E-04	6.04E-05
1738	462845.3	3772849	8.86E-04	1.36E-04	5.82E-05
1739	462854.3	3772845	8.50E-04	1.30E-04	5.58E-05
1740	462863.3	3772841	8.12E-04	1.24E-04	5.33E-05
1741	462872.3	3772838	7.73E-04	1.18E-04	5.07E-05
1742	462881.3	3772834	7.33E-04	1.12E-04	4.81E-05
1743	462890.3	3772830	6.94E-04	1.06E-04	4.55E-05
1744	462899.3	3772826	6.55E-04	1.00E-04	4.30E-05
1745	462588	3773152	4.09E-04	6.26E-05	2.68E-05
1746	462588.1	3773162	4.08E-04	6.25E-05	2.68E-05
1747	462588.2	3773172	4.08E-04	6.24E-05	2.68E-05
1748	462588.3	3773182	4.07E-04	6.24E-05	2.67E-05
1749	462588.4	3773192	4.07E-04	6.23E-05	2.67E-05
1750	462588.5	3773202	4.04E-04	6.18E-05	2.65E-05
1751	462588.6	3773212	4.02E-04	6.16E-05	2.64E-05
1752	462588.7	3773222	4.01E-04	6.14E-05	2.63E-05
1753	462588.7	3773232	4.00E-04	6.12E-05	2.62E-05
1754	462588.8	3773241	3.97E-04	6.08E-05	2.60E-05
1755	462561.7	3773143	3.52E-04	5.39E-05	2.31E-05
1756	462565.4	3773134	3.60E-04	5.51E-05	2.36E-05
1757	462569.2	3773125	3.69E-04	5.65E-05	2.42E-05
1758	462572.9	3773116	3.78E-04	5.79E-05	2.48E-05
1759	462576.6	3773106	3.88E-04	5.94E-05	2.55E-05
1760	462580.3	3773097	3.99E-04	6.11E-05	2.62E-05
1761	462584	3773088	4.11E-04	6.29E-05	2.70E-05
1762	462587.7	3773079	4.23E-04	6.48E-05	2.78E-05
1763	462591.4	3773070	4.37E-04	6.69E-05	2.87E-05
1764	462595.2	3773061	4.52E-04	6.92E-05	2.97E-05
1765	462598.9	3773051	4.68E-04	7.16E-05	3.07E-05
1766	462602.6	3773042	4.84E-04	7.42E-05	3.18E-05
1767	462606.3	3773033	5.02E-04	7.68E-05	3.29E-05

1768	462628.6	3772978	6.17E-04	9.44E-05	4.05E-05
1769	462632.3	3772969	6.35E-04	9.72E-05	4.17E-05
1770	462636	3772960	6.52E-04	9.98E-05	4.28E-05
1771	462639.7	3772951	6.68E-04	1.02E-04	4.38E-05
1772	462643.4	3772942	6.82E-04	1.04E-04	4.48E-05
1773	462647.2	3772932	6.95E-04	1.06E-04	4.56E-05
1774	462650.9	3772923	7.06E-04	1.08E-04	4.63E-05
1775	462654.6	3772914	7.15E-04	1.09E-04	4.69E-05
1776	462658.3	3772905	7.21E-04	1.10E-04	4.73E-05
1777	462671.1	3772892	7.53E-04	1.15E-04	4.94E-05
1778	462762.3	3772854	9.04E-04	1.38E-04	5.93E-05
1779	462771.4	3772850	8.99E-04	1.38E-04	5.90E-05
1780	462780.5	3772846	8.90E-04	1.36E-04	5.84E-05
1781	462789.6	3772842	8.78E-04	1.34E-04	5.76E-05
1782	462798.8	3772838	8.61E-04	1.32E-04	5.65E-05
1783	462807.9	3772835	8.42E-04	1.29E-04	5.52E-05
1784	462817	3772831	8.19E-04	1.25E-04	5.37E-05
1785	462826.1	3772827	7.93E-04	1.21E-04	5.20E-05
1786	462889.9	3772800	5.73E-04	8.77E-05	3.76E-05
1787	462899	3772796	5.41E-04	8.28E-05	3.55E-05
1788	462908.1	3772793	5.10E-04	7.81E-05	3.35E-05
1789	462558	3773152	3.44E-04	5.27E-05	2.26E-05
1790	462558.1	3773162	3.44E-04	5.26E-05	2.26E-05
1791	462558.2	3773172	3.43E-04	5.26E-05	2.25E-05
1792	462558.3	3773182	3.43E-04	5.25E-05	2.25E-05
1793	462558.4	3773192	3.43E-04	5.24E-05	2.25E-05
1794	462558.5	3773202	3.41E-04	5.21E-05	2.24E-05
1795	462558.6	3773212	3.39E-04	5.19E-05	2.23E-05
1796	462558.7	3773222	3.39E-04	5.18E-05	2.22E-05
1797	462558.7	3773232	3.37E-04	5.17E-05	2.21E-05
1798	462558.8	3773242	3.35E-04	5.13E-05	2.20E-05
1799	462531.7	3773143	3.00E-04	4.59E-05	1.97E-05
1800	462535.3	3773134	3.06E-04	4.68E-05	2.01E-05
1801	462538.9	3773126	3.12E-04	4.78E-05	2.05E-05
1802	462542.6	3773117	3.19E-04	4.89E-05	2.09E-05
1803	462546.2	3773108	3.27E-04	5.00E-05	2.14E-05
1804	462549.8	3773099	3.34E-04	5.12E-05	2.19E-05
1805	462553.5	3773090	3.43E-04	5.25E-05	2.25E-05
1806	462557.1	3773081	3.52E-04	5.39E-05	2.31E-05
1807	462560.7	3773072	3.62E-04	5.54E-05	2.37E-05
1808	462564.4	3773063	3.72E-04	5.70E-05	2.44E-05
1809	462568	3773054	3.84E-04	5.88E-05	2.52E-05
1810	462571.6	3773045	3.96E-04	6.06E-05	2.60E-05
1811	462575.3	3773036	4.09E-04	6.26E-05	2.68E-05
1812	462578.9	3773027	4.23E-04	6.47E-05	2.77E-05
1813	462582.5	3773018	4.37E-04	6.69E-05	2.87E-05
1814	462586.2	3773009	4.52E-04	6.92E-05	2.96E-05
1815	462589.8	3773000	4.67E-04	7.15E-05	3.07E-05
1816	462593.4	3772991	4.83E-04	7.39E-05	3.17E-05
1817	462597.1	3772982	4.99E-04	7.64E-05	3.27E-05
1818	462600.7	3772973	5.15E-04	7.88E-05	3.38E-05
1819	462604.3	3772964	5.30E-04	8.12E-05	3.48E-05

1820	462622.5	3772919	5.98E-04	9.15E-05	3.92E-05
1821	462626.2	3772910	6.08E-04	9.31E-05	3.99E-05
1822	462629.8	3772902	6.17E-04	9.44E-05	4.05E-05
1823	462633.4	3772893	6.24E-04	9.55E-05	4.09E-05
1824	462694.2	3772852	7.51E-04	1.15E-04	4.93E-05
1825	462703.1	3772848	7.64E-04	1.17E-04	5.01E-05
1826	462712	3772845	7.75E-04	1.19E-04	5.09E-05
1827	462721	3772841	7.83E-04	1.20E-04	5.14E-05
1828	462729.9	3772837	7.88E-04	1.21E-04	5.17E-05
1829	462738.8	3772834	7.91E-04	1.21E-04	5.19E-05
1830	462747.7	3772830	7.90E-04	1.21E-04	5.18E-05
1831	462756.6	3772826	7.86E-04	1.20E-04	5.16E-05
1832	462765.6	3772822	7.79E-04	1.19E-04	5.11E-05
1833	462801.2	3772807	7.24E-04	1.11E-04	4.75E-05
1834	462810.2	3772804	7.04E-04	1.08E-04	4.62E-05
1835	462819.1	3772800	6.82E-04	1.04E-04	4.48E-05
1836	462828	3772796	6.59E-04	1.01E-04	4.32E-05
1837	462836.9	3772792	6.34E-04	9.70E-05	4.16E-05
1838	462845.8	3772789	6.08E-04	9.31E-05	3.99E-05
1839	462854.8	3772785	5.82E-04	8.91E-05	3.82E-05
1840	462863.7	3772781	5.55E-04	8.50E-05	3.64E-05
1841	462890.4	3772770	4.77E-04	7.29E-05	3.13E-05
1842	462899.4	3772766	4.51E-04	6.91E-05	2.96E-05
1843	462908.3	3772763	4.27E-04	6.54E-05	2.80E-05
1844	462528	3773152	2.94E-04	4.50E-05	1.93E-05
1845	462528.1	3773162	2.93E-04	4.49E-05	1.93E-05
1846	462528.2	3773172	2.93E-04	4.49E-05	1.92E-05
1847	462528.3	3773182	2.93E-04	4.49E-05	1.92E-05
1848	462528.4	3773192	2.93E-04	4.48E-05	1.92E-05
1849	462528.5	3773202	2.91E-04	4.46E-05	1.91E-05
1850	462528.6	3773212	2.90E-04	4.44E-05	1.90E-05
1851	462528.7	3773222	2.90E-04	4.43E-05	1.90E-05
1852	462528.7	3773232	2.89E-04	4.42E-05	1.90E-05
1853	462528.8	3773242	2.87E-04	4.40E-05	1.89E-05
1854	462501.7	3773144	2.59E-04	3.96E-05	1.70E-05
1855	462505.4	3773135	2.63E-04	4.03E-05	1.73E-05
1856	462527.4	3773080	3.00E-04	4.59E-05	1.97E-05
1857	462531.1	3773071	3.07E-04	4.70E-05	2.01E-05
1858	462534.8	3773062	3.15E-04	4.82E-05	2.07E-05
1859	462538.5	3773053	3.24E-04	4.96E-05	2.13E-05
1860	462542.1	3773044	3.33E-04	5.10E-05	2.19E-05
1861	462545.8	3773035	3.44E-04	5.26E-05	2.25E-05
1862	462549.5	3773026	3.54E-04	5.42E-05	2.32E-05
1863	462553.2	3773017	3.66E-04	5.60E-05	2.40E-05
1864	462556.9	3773008	3.77E-04	5.78E-05	2.48E-05
1865	462560.5	3772999	3.90E-04	5.97E-05	2.56E-05
1866	462564.2	3772990	4.03E-04	6.17E-05	2.64E-05
1867	462567.9	3772980	4.16E-04	6.37E-05	2.73E-05
1868	462571.6	3772971	4.30E-04	6.58E-05	2.82E-05
1869	462575.2	3772962	4.43E-04	6.78E-05	2.91E-05
1870	462578.9	3772953	4.57E-04	6.99E-05	3.00E-05
1871	462582.6	3772944	4.70E-04	7.19E-05	3.08E-05

1872	462586.3	3772935	4.83E-04	7.39E-05	3.17E-05
1873	462593.6	3772917	5.07E-04	7.76E-05	3.33E-05
1874	462597.3	3772908	5.17E-04	7.92E-05	3.40E-05
1875	462601	3772899	5.27E-04	8.07E-05	3.46E-05
1876	462604.7	3772890	5.36E-04	8.20E-05	3.52E-05
1877	462628.4	3772850	5.77E-04	8.83E-05	3.79E-05
1878	462637.4	3772846	5.96E-04	9.12E-05	3.91E-05
1879	462646.4	3772842	6.13E-04	9.39E-05	4.02E-05
1880	462655.5	3772838	6.30E-04	9.64E-05	4.13E-05
1881	462664.5	3772835	6.45E-04	9.88E-05	4.23E-05
1882	462673.5	3772831	6.59E-04	1.01E-04	4.32E-05
1883	462682.5	3772827	6.71E-04	1.03E-04	4.40E-05
1884	462691.5	3772823	6.80E-04	1.04E-04	4.47E-05
1885	462700.6	3772820	6.88E-04	1.05E-04	4.52E-05
1886	462736.7	3772804	6.96E-04	1.06E-04	4.57E-05
1887	462745.7	3772801	6.91E-04	1.06E-04	4.54E-05
1888	462754.7	3772797	6.85E-04	1.05E-04	4.49E-05
1889	462763.7	3772793	6.76E-04	1.03E-04	4.43E-05
1890	462772.8	3772789	6.64E-04	1.02E-04	4.36E-05
1891	462799.8	3772778	6.18E-04	9.47E-05	4.06E-05
1892	462808.8	3772774	6.00E-04	9.18E-05	3.94E-05
1893	462817.9	3772770	5.80E-04	8.88E-05	3.80E-05
1894	462826.9	3772767	5.59E-04	8.55E-05	3.67E-05
1895	462835.9	3772763	5.37E-04	8.22E-05	3.52E-05
1896	462844.9	3772759	5.15E-04	7.88E-05	3.38E-05
1897	462854	3772755	4.92E-04	7.53E-05	3.23E-05
1898	462863	3772752	4.70E-04	7.19E-05	3.08E-05
1899	462890.1	3772740	4.04E-04	6.18E-05	2.65E-05
1900	462899.1	3772736	3.83E-04	5.86E-05	2.51E-05
1901	462908.1	3772733	3.63E-04	5.55E-05	2.38E-05
1902	462498	3773153	2.54E-04	3.89E-05	1.67E-05
1903	462498.1	3773163	2.54E-04	3.88E-05	1.67E-05
1904	462498.2	3773173	2.53E-04	3.88E-05	1.66E-05
1905	462498.3	3773183	2.53E-04	3.87E-05	1.66E-05
1906	462498.4	3773193	2.52E-04	3.86E-05	1.65E-05
1907	462498.5	3773202	2.52E-04	3.85E-05	1.65E-05
1908	462498.6	3773212	2.51E-04	3.84E-05	1.65E-05
1909	462498.7	3773222	2.51E-04	3.84E-05	1.65E-05
1910	462498.8	3773232	2.50E-04	3.83E-05	1.64E-05
1911	462498.8	3773242	2.49E-04	3.81E-05	1.63E-05
1912	462471.7	3773144	2.26E-04	3.46E-05	1.48E-05
1913	462475.5	3773135	2.30E-04	3.52E-05	1.51E-05
1914	462479.2	3773125	2.34E-04	3.58E-05	1.53E-05
1915	462482.9	3773116	2.38E-04	3.65E-05	1.56E-05
1916	462486.6	3773107	2.43E-04	3.72E-05	1.59E-05
1917	462490.3	3773098	2.48E-04	3.79E-05	1.62E-05
1918	462494	3773089	2.53E-04	3.87E-05	1.66E-05
1919	462497.7	3773080	2.58E-04	3.95E-05	1.69E-05
1920	462505.2	3773061	2.71E-04	4.14E-05	1.78E-05
1921	462523.7	3773016	3.10E-04	4.75E-05	2.03E-05
1922	462527.5	3773006	3.20E-04	4.89E-05	2.10E-05
1923	462531.2	3772997	3.29E-04	5.04E-05	2.16E-05

1924	462534.9	3772988	3.40E-04	5.21E-05	2.23E-05
1925	462538.6	3772979	3.51E-04	5.37E-05	2.30E-05
1926	462542.3	3772970	3.62E-04	5.55E-05	2.38E-05
1927	462546	3772961	3.74E-04	5.72E-05	2.45E-05
1928	462549.7	3772951	3.85E-04	5.90E-05	2.53E-05
1929	462553.5	3772942	3.97E-04	6.08E-05	2.60E-05
1930	462557.2	3772933	4.08E-04	6.25E-05	2.68E-05
1931	462564.6	3772915	4.31E-04	6.59E-05	2.83E-05
1932	462568.3	3772906	4.41E-04	6.76E-05	2.90E-05
1933	462572	3772897	4.51E-04	6.91E-05	2.96E-05
1934	462575.7	3772887	4.60E-04	7.05E-05	3.02E-05
1935	462594.3	3772842	4.92E-04	7.53E-05	3.23E-05
1936	462661.8	3772806	5.93E-04	9.08E-05	3.89E-05
1937	462670.9	3772802	6.02E-04	9.22E-05	3.95E-05
1938	462680.1	3772798	6.09E-04	9.33E-05	4.00E-05
1939	462689.2	3772794	6.15E-04	9.41E-05	4.03E-05
1940	462716.5	3772783	6.20E-04	9.48E-05	4.07E-05
1941	462725.6	3772779	6.17E-04	9.45E-05	4.05E-05
1942	462734.8	3772775	6.13E-04	9.38E-05	4.02E-05
1943	462743.9	3772771	6.06E-04	9.28E-05	3.98E-05
1944	462753	3772768	5.98E-04	9.15E-05	3.92E-05
1945	462762.1	3772764	5.88E-04	9.00E-05	3.86E-05
1946	462771.2	3772760	5.76E-04	8.82E-05	3.78E-05
1947	462780.3	3772756	5.62E-04	8.61E-05	3.69E-05
1948	462798.6	3772748	5.32E-04	8.14E-05	3.49E-05
1949	462807.7	3772745	5.14E-04	7.88E-05	3.38E-05
1950	462816.8	3772741	4.97E-04	7.60E-05	3.26E-05
1951	462825.9	3772737	4.78E-04	7.32E-05	3.14E-05
1952	462835	3772733	4.59E-04	7.03E-05	3.01E-05
1953	462844.1	3772729	4.40E-04	6.73E-05	2.89E-05
1954	462853.3	3772726	4.20E-04	6.43E-05	2.76E-05
1955	462862.4	3772722	4.01E-04	6.14E-05	2.63E-05
1956	462889.7	3772710	3.46E-04	5.29E-05	2.27E-05
1957	462468	3773153	2.22E-04	3.40E-05	1.46E-05
1958	462468.1	3773163	2.22E-04	3.39E-05	1.45E-05
1959	462468.2	3773173	2.21E-04	3.38E-05	1.45E-05
1960	462468.3	3773183	2.20E-04	3.37E-05	1.45E-05
1961	462468.4	3773193	2.20E-04	3.37E-05	1.45E-05
1962	462468.5	3773203	2.20E-04	3.37E-05	1.44E-05
1963	462468.6	3773213	2.19E-04	3.36E-05	1.44E-05
1964	462468.7	3773223	2.19E-04	3.35E-05	1.43E-05
1965	462468.8	3773233	2.18E-04	3.33E-05	1.43E-05
1966	462468.8	3773243	2.17E-04	3.32E-05	1.42E-05
1967	462441.7	3773144	1.99E-04	3.05E-05	1.31E-05
1968	462445.3	3773135	2.02E-04	3.09E-05	1.33E-05
1969	462449	3773126	2.05E-04	3.14E-05	1.35E-05
1970	462452.6	3773117	2.09E-04	3.20E-05	1.37E-05
1971	462456.3	3773108	2.12E-04	3.25E-05	1.39E-05
1972	462459.9	3773099	2.16E-04	3.31E-05	1.42E-05
1973	462463.6	3773090	2.20E-04	3.37E-05	1.45E-05
1974	462467.2	3773081	2.24E-04	3.44E-05	1.47E-05
1975	462478.2	3773054	2.39E-04	3.66E-05	1.57E-05

1976	462481.8	3773045	2.44E-04	3.74E-05	1.60E-05
1977	462485.5	3773036	2.50E-04	3.83E-05	1.64E-05
1978	462489.1	3773027	2.57E-04	3.93E-05	1.68E-05
1979	462492.8	3773018	2.63E-04	4.03E-05	1.73E-05
1980	462496.4	3773009	2.71E-04	4.14E-05	1.78E-05
1981	462500.1	3773000	2.78E-04	4.26E-05	1.83E-05
1982	462503.7	3772991	2.86E-04	4.38E-05	1.88E-05
1983	462525.6	3772937	3.42E-04	5.23E-05	2.24E-05
1984	462536.6	3772910	3.71E-04	5.68E-05	2.43E-05
1985	462540.2	3772901	3.80E-04	5.82E-05	2.50E-05
1986	462543.9	3772892	3.89E-04	5.96E-05	2.56E-05
1987	462565.7	3772838	4.32E-04	6.62E-05	2.84E-05
1988	462569.4	3772829	4.37E-04	6.69E-05	2.87E-05
1989	462573	3772820	4.40E-04	6.74E-05	2.89E-05
1990	462585.6	3772808	4.57E-04	7.00E-05	3.00E-05
1991	462594.6	3772804	4.71E-04	7.20E-05	3.09E-05
1992	462630.4	3772789	5.17E-04	7.92E-05	3.40E-05
1993	462639.4	3772785	5.27E-04	8.06E-05	3.46E-05
1994	462648.3	3772781	5.35E-04	8.19E-05	3.51E-05
1995	462657.3	3772778	5.42E-04	8.30E-05	3.56E-05
1996	462666.2	3772774	5.47E-04	8.38E-05	3.59E-05
1997	462675.2	3772770	5.52E-04	8.44E-05	3.62E-05
1998	462684.2	3772766	5.54E-04	8.48E-05	3.64E-05
1999	462693.1	3772763	5.55E-04	8.50E-05	3.64E-05
2000	462720	3772751	5.49E-04	8.40E-05	3.60E-05
2001	462728.9	3772748	5.43E-04	8.32E-05	3.57E-05
2002	462737.9	3772744	5.37E-04	8.22E-05	3.52E-05
2003	462746.8	3772740	5.28E-04	8.09E-05	3.47E-05
2004	462755.8	3772736	5.19E-04	7.94E-05	3.41E-05
2005	462764.8	3772733	5.08E-04	7.78E-05	3.33E-05
2006	462773.7	3772729	4.96E-04	7.59E-05	3.26E-05
2007	462800.6	3772718	4.55E-04	6.96E-05	2.98E-05
2008	462809.5	3772714	4.39E-04	6.73E-05	2.88E-05
2009	462818.5	3772710	4.24E-04	6.49E-05	2.78E-05
2010	462827.4	3772706	4.08E-04	6.24E-05	2.68E-05
2011	462863.3	3772691	3.43E-04	5.25E-05	2.25E-05
2012	462872.2	3772688	3.28E-04	5.01E-05	2.15E-05
2013	462881.2	3772684	3.12E-04	4.78E-05	2.05E-05
2014	462890.1	3772680	2.98E-04	4.56E-05	1.95E-05
2015	462899.1	3772676	2.84E-04	4.34E-05	1.86E-05
2016	462908	3772673	2.70E-04	4.13E-05	1.77E-05
2017	462438	3773153	1.96E-04	3.00E-05	1.29E-05
2018	462438.1	3773163	1.96E-04	3.00E-05	1.28E-05
2019	462438.2	3773173	1.95E-04	2.98E-05	1.28E-05
2020	462438.3	3773183	1.95E-04	2.98E-05	1.28E-05
2021	462438.4	3773193	1.94E-04	2.98E-05	1.28E-05
2022	462438.5	3773203	1.94E-04	2.98E-05	1.28E-05
2023	462438.6	3773213	1.94E-04	2.97E-05	1.27E-05
2024	462438.7	3773223	1.93E-04	2.95E-05	1.27E-05
2025	462438.8	3773233	1.92E-04	2.94E-05	1.26E-05
2026	462438.8	3773243	1.91E-04	2.93E-05	1.26E-05
2027	462422.8	3773117	1.85E-04	2.84E-05	1.22E-05

2028	462426.4	3773108	1.88E-04	2.88E-05	1.24E-05
2029	462430.1	3773099	1.91E-04	2.93E-05	1.26E-05
2030	462433.8	3773090	1.95E-04	2.98E-05	1.28E-05
2031	462437.5	3773081	1.98E-04	3.03E-05	1.30E-05
2032	462448.5	3773054	2.10E-04	3.21E-05	1.38E-05
2033	462452.2	3773045	2.14E-04	3.28E-05	1.40E-05
2034	462455.9	3773035	2.19E-04	3.35E-05	1.44E-05
2035	462459.6	3773026	2.24E-04	3.43E-05	1.47E-05
2036	462463.3	3773017	2.29E-04	3.51E-05	1.50E-05
2037	462467	3773008	2.35E-04	3.60E-05	1.54E-05
2038	462470.6	3772999	2.41E-04	3.69E-05	1.58E-05
2039	462474.3	3772990	2.48E-04	3.79E-05	1.62E-05
2040	462478	3772981	2.55E-04	3.90E-05	1.67E-05
2041	462481.7	3772972	2.62E-04	4.01E-05	1.72E-05
2042	462485.4	3772963	2.69E-04	4.12E-05	1.77E-05
2043	462489.1	3772954	2.77E-04	4.24E-05	1.82E-05
2044	462492.7	3772945	2.85E-04	4.37E-05	1.87E-05
2045	462496.4	3772936	2.94E-04	4.49E-05	1.93E-05
2046	462503.8	3772917	3.11E-04	4.75E-05	2.04E-05
2047	462507.5	3772908	3.19E-04	4.88E-05	2.09E-05
2048	462511.2	3772899	3.28E-04	5.01E-05	2.15E-05
2049	462514.8	3772890	3.36E-04	5.14E-05	2.20E-05
2050	462536.9	3772836	3.79E-04	5.81E-05	2.49E-05
2051	462540.6	3772827	3.85E-04	5.89E-05	2.52E-05
2052	462544.3	3772817	3.89E-04	5.96E-05	2.56E-05
2053	462548	3772808	3.93E-04	6.02E-05	2.58E-05
2054	462551.7	3772799	3.97E-04	6.07E-05	2.60E-05
2055	462564.4	3772786	4.11E-04	6.30E-05	2.70E-05
2056	462573.4	3772783	4.23E-04	6.48E-05	2.78E-05
2057	462582.5	3772779	4.34E-04	6.65E-05	2.85E-05
2058	462591.5	3772775	4.45E-04	6.81E-05	2.92E-05
2059	462627.7	3772760	4.80E-04	7.35E-05	3.15E-05
2060	462636.7	3772756	4.86E-04	7.44E-05	3.19E-05
2061	462645.8	3772752	4.92E-04	7.53E-05	3.23E-05
2062	462654.8	3772749	4.96E-04	7.59E-05	3.25E-05
2063	462663.8	3772745	4.98E-04	7.63E-05	3.27E-05
2064	462672.9	3772741	5.00E-04	7.65E-05	3.28E-05
2065	462681.9	3772737	5.00E-04	7.66E-05	3.28E-05
2066	462691	3772733	4.99E-04	7.64E-05	3.27E-05
2067	462718.1	3772722	4.88E-04	7.47E-05	3.20E-05
2068	462727.1	3772718	4.81E-04	7.37E-05	3.16E-05
2069	462736.2	3772715	4.74E-04	7.26E-05	3.11E-05
2070	462745.2	3772711	4.65E-04	7.12E-05	3.05E-05
2071	462754.2	3772707	4.56E-04	6.98E-05	2.99E-05
2072	462799.4	3772688	3.96E-04	6.06E-05	2.60E-05
2073	462808.5	3772684	3.82E-04	5.85E-05	2.51E-05
2074	462817.5	3772680	3.68E-04	5.64E-05	2.42E-05
2075	462826.5	3772677	3.54E-04	5.42E-05	2.32E-05
2076	462835.6	3772673	3.40E-04	5.21E-05	2.23E-05
2077	462844.6	3772669	3.26E-04	4.99E-05	2.14E-05
2078	462853.7	3772665	3.12E-04	4.78E-05	2.05E-05
2079	462862.7	3772662	2.99E-04	4.57E-05	1.96E-05

2080	462871.7	3772658	2.85E-04	4.37E-05	1.87E-05
2081	462880.8	3772654	2.72E-04	4.17E-05	1.79E-05
2082	462889.8	3772650	2.60E-04	3.98E-05	1.70E-05
2083	462898.9	3772646	2.48E-04	3.79E-05	1.63E-05
2084	462907.9	3772643	2.36E-04	3.62E-05	1.55E-05
2085	462381.7	3773145	1.59E-04	2.43E-05	1.04E-05
2086	462385.5	3773135	1.61E-04	2.47E-05	1.06E-05
2087	462389.2	3773126	1.63E-04	2.50E-05	1.07E-05
2088	462392.9	3773117	1.66E-04	2.54E-05	1.09E-05
2089	462396.6	3773108	1.68E-04	2.58E-05	1.10E-05
2090	462400.3	3773099	1.71E-04	2.62E-05	1.12E-05
2091	462404	3773090	1.74E-04	2.66E-05	1.14E-05
2092	462407.7	3773081	1.76E-04	2.70E-05	1.16E-05
2093	462422.6	3773044	1.89E-04	2.90E-05	1.24E-05
2094	462426.3	3773035	1.93E-04	2.96E-05	1.27E-05
2095	462430	3773026	1.97E-04	3.02E-05	1.29E-05
2096	462433.7	3773016	2.02E-04	3.09E-05	1.32E-05
2097	462437.5	3773007	2.06E-04	3.16E-05	1.35E-05
2098	462441.2	3772998	2.11E-04	3.23E-05	1.39E-05
2099	462444.9	3772989	2.16E-04	3.31E-05	1.42E-05
2100	462448.6	3772980	2.22E-04	3.40E-05	1.46E-05
2101	462452.3	3772971	2.28E-04	3.49E-05	1.50E-05
2102	462456	3772961	2.34E-04	3.58E-05	1.54E-05
2103	462459.7	3772952	2.41E-04	3.68E-05	1.58E-05
2104	462463.5	3772943	2.47E-04	3.79E-05	1.62E-05
2105	462467.2	3772934	2.54E-04	3.89E-05	1.67E-05
2106	462474.6	3772916	2.69E-04	4.12E-05	1.76E-05
2107	462478.3	3772907	2.76E-04	4.23E-05	1.81E-05
2108	462482	3772897	2.84E-04	4.35E-05	1.86E-05
2109	462485.7	3772888	2.91E-04	4.46E-05	1.91E-05
2110	462508	3772833	3.33E-04	5.10E-05	2.18E-05
2111	462511.7	3772824	3.39E-04	5.19E-05	2.22E-05
2112	462515.5	3772815	3.44E-04	5.27E-05	2.26E-05
2113	462519.2	3772806	3.49E-04	5.34E-05	2.29E-05
2114	462522.9	3772797	3.53E-04	5.40E-05	2.32E-05
2115	462526.6	3772787	3.56E-04	5.46E-05	2.34E-05
2116	462530.3	3772778	3.59E-04	5.50E-05	2.36E-05
2117	462543.1	3772765	3.72E-04	5.70E-05	2.44E-05
2118	462552.3	3772762	3.83E-04	5.86E-05	2.51E-05
2119	462561.4	3772758	3.92E-04	6.01E-05	2.58E-05
2120	462570.5	3772754	4.02E-04	6.15E-05	2.64E-05
2121	462579.6	3772750	4.11E-04	6.29E-05	2.70E-05
2122	462588.7	3772746	4.19E-04	6.41E-05	2.75E-05
2123	462597.8	3772742	4.26E-04	6.53E-05	2.80E-05
2124	462634.3	3772727	4.48E-04	6.85E-05	2.94E-05
2125	462643.4	3772723	4.51E-04	6.90E-05	2.96E-05
2126	462652.5	3772720	4.52E-04	6.93E-05	2.97E-05
2127	462661.6	3772716	4.53E-04	6.94E-05	2.97E-05
2128	462670.8	3772712	4.53E-04	6.93E-05	2.97E-05
2129	462679.9	3772708	4.51E-04	6.91E-05	2.96E-05
2130	462725.5	3772689	4.28E-04	6.55E-05	2.81E-05
2131	462734.6	3772685	4.20E-04	6.43E-05	2.76E-05

2132	462743.7	3772681	4.11E-04	6.30E-05	2.70E-05
2133	462752.8	3772678	4.02E-04	6.15E-05	2.64E-05
2134	462761.9	3772674	3.92E-04	6.00E-05	2.57E-05
2135	462771	3772670	3.81E-04	5.84E-05	2.50E-05
2136	462780.1	3772666	3.70E-04	5.67E-05	2.43E-05
2137	462789.3	3772662	3.59E-04	5.49E-05	2.35E-05
2138	462798.4	3772658	3.47E-04	5.31E-05	2.28E-05
2139	462807.5	3772655	3.35E-04	5.12E-05	2.20E-05
2140	462816.6	3772651	3.22E-04	4.93E-05	2.12E-05
2141	462825.7	3772647	3.10E-04	4.74E-05	2.03E-05
2142	462834.8	3772643	2.98E-04	4.56E-05	1.95E-05
2143	462844	3772639	2.85E-04	4.37E-05	1.87E-05
2144	462853.1	3772636	2.73E-04	4.19E-05	1.79E-05
2145	462862.2	3772632	2.62E-04	4.01E-05	1.72E-05
2146	462871.3	3772628	2.50E-04	3.83E-05	1.64E-05
2147	462880.4	3772624	2.39E-04	3.66E-05	1.57E-05
2148	462889.5	3772620	2.28E-04	3.50E-05	1.50E-05
2149	462898.6	3772616	2.18E-04	3.34E-05	1.43E-05
2150	462907.8	3772613	2.08E-04	3.19E-05	1.37E-05
2151	462378	3773154	1.57E-04	2.40E-05	1.03E-05
2152	462378.1	3773164	1.57E-04	2.40E-05	1.03E-05
2153	462378.2	3773174	1.56E-04	2.39E-05	1.02E-05
2154	462378.3	3773184	1.56E-04	2.38E-05	1.02E-05
2155	462378.4	3773194	1.56E-04	2.38E-05	1.02E-05
2156	462378.5	3773204	1.55E-04	2.38E-05	1.02E-05
2157	462378.6	3773214	1.55E-04	2.37E-05	1.02E-05
2158	462378.7	3773223	1.54E-04	2.36E-05	1.01E-05
2159	462378.8	3773233	1.54E-04	2.35E-05	1.01E-05
2160	462378.8	3773243	1.53E-04	2.35E-05	1.01E-05
2161	462351.7	3773145	1.44E-04	2.20E-05	9.42E-06
2162	462355.3	3773136	1.45E-04	2.23E-05	9.54E-06
2163	462359	3773127	1.47E-04	2.25E-05	9.67E-06
2164	462362.7	3773118	1.49E-04	2.29E-05	9.80E-06
2165	462366.3	3773109	1.51E-04	2.32E-05	9.93E-06
2166	462370	3773100	1.53E-04	2.35E-05	1.01E-05
2167	462373.6	3773091	1.56E-04	2.38E-05	1.02E-05
2168	462377.3	3773082	1.58E-04	2.42E-05	1.04E-05
2169	462381	3773073	1.60E-04	2.45E-05	1.05E-05
2170	462388.3	3773055	1.65E-04	2.53E-05	1.09E-05
2171	462391.9	3773046	1.68E-04	2.58E-05	1.10E-05
2172	462395.6	3773037	1.71E-04	2.62E-05	1.12E-05
2173	462399.3	3773028	1.74E-04	2.67E-05	1.14E-05
2174	462402.9	3773019	1.78E-04	2.72E-05	1.17E-05
2175	462424.9	3772965	2.03E-04	3.11E-05	1.33E-05
2176	462428.5	3772956	2.08E-04	3.19E-05	1.37E-05
2177	462432.2	3772947	2.14E-04	3.27E-05	1.40E-05
2178	462435.9	3772938	2.19E-04	3.36E-05	1.44E-05
2179	462446.8	3772910	2.37E-04	3.63E-05	1.56E-05
2180	462450.5	3772901	2.44E-04	3.73E-05	1.60E-05
2181	462454.1	3772892	2.50E-04	3.83E-05	1.64E-05
2182	462457.8	3772883	2.56E-04	3.93E-05	1.68E-05
2183	462479.8	3772829	2.94E-04	4.50E-05	1.93E-05

2184	462483.4	3772820	3.00E-04	4.59E-05	1.97E-05
2185	462487.1	3772811	3.05E-04	4.67E-05	2.00E-05
2186	462490.7	3772802	3.10E-04	4.74E-05	2.03E-05
2187	462494.4	3772793	3.14E-04	4.81E-05	2.06E-05
2188	462498.1	3772784	3.18E-04	4.87E-05	2.09E-05
2189	462501.7	3772775	3.22E-04	4.93E-05	2.11E-05
2190	462505.4	3772766	3.25E-04	4.97E-05	2.13E-05
2191	462509	3772757	3.27E-04	5.01E-05	2.15E-05
2192	462521.7	3772744	3.39E-04	5.18E-05	2.22E-05
2193	462530.7	3772741	3.47E-04	5.32E-05	2.28E-05
2194	462539.6	3772737	3.56E-04	5.45E-05	2.34E-05
2195	462548.6	3772733	3.64E-04	5.58E-05	2.39E-05
2196	462557.6	3772729	3.72E-04	5.69E-05	2.44E-05
2197	462566.6	3772726	3.79E-04	5.80E-05	2.49E-05
2198	462575.6	3772722	3.86E-04	5.91E-05	2.53E-05
2199	462584.5	3772718	3.92E-04	6.00E-05	2.57E-05
2200	462593.5	3772714	3.97E-04	6.08E-05	2.61E-05
2201	462656.4	3772688	4.12E-04	6.31E-05	2.71E-05
2202	462665.4	3772684	4.11E-04	6.29E-05	2.70E-05
2203	462674.3	3772680	4.09E-04	6.26E-05	2.68E-05
2204	462683.3	3772677	4.06E-04	6.21E-05	2.66E-05
2205	462692.3	3772673	4.01E-04	6.15E-05	2.63E-05
2206	462701.3	3772669	3.97E-04	6.07E-05	2.60E-05
2207	462710.3	3772665	3.91E-04	5.98E-05	2.57E-05
2208	462719.2	3772662	3.84E-04	5.89E-05	2.52E-05
2209	462728.2	3772658	3.77E-04	5.78E-05	2.48E-05
2210	462737.2	3772654	3.70E-04	5.66E-05	2.43E-05
2211	462746.2	3772650	3.61E-04	5.53E-05	2.37E-05
2212	462755.2	3772647	3.52E-04	5.39E-05	2.31E-05
2213	462764.1	3772643	3.43E-04	5.25E-05	2.25E-05
2214	462773.1	3772639	3.33E-04	5.10E-05	2.19E-05
2215	462782.1	3772635	3.23E-04	4.95E-05	2.12E-05
2216	462791.1	3772631	3.13E-04	4.79E-05	2.05E-05
2217	462800.1	3772628	3.02E-04	4.63E-05	1.98E-05
2218	462809.1	3772624	2.92E-04	4.47E-05	1.92E-05
2219	462818	3772620	2.81E-04	4.31E-05	1.85E-05
2220	462827	3772616	2.71E-04	4.14E-05	1.78E-05
2221	462836	3772613	2.60E-04	3.98E-05	1.71E-05
2222	462845	3772609	2.50E-04	3.82E-05	1.64E-05
2223	462854	3772605	2.40E-04	3.67E-05	1.57E-05
2224	462862.9	3772601	2.30E-04	3.52E-05	1.51E-05
2225	462871.9	3772598	2.20E-04	3.37E-05	1.44E-05
2226	462880.9	3772594	2.11E-04	3.23E-05	1.38E-05
2227	462889.9	3772590	2.02E-04	3.09E-05	1.32E-05
2228	462898.9	3772586	1.93E-04	2.96E-05	1.27E-05
2229	462907.8	3772583	1.85E-04	2.83E-05	1.21E-05
2230	462348	3773154	1.42E-04	2.17E-05	9.30E-06
2231	462348.1	3773164	1.42E-04	2.17E-05	9.29E-06
2232	462348.2	3773174	1.41E-04	2.16E-05	9.26E-06
2233	462348.3	3773184	1.41E-04	2.16E-05	9.24E-06
2234	462348.4	3773194	1.41E-04	2.15E-05	9.23E-06
2235	462348.5	3773204	1.41E-04	2.15E-05	9.23E-06

2236	462348.6	3773214	1.40E-04	2.15E-05	9.20E-06
2237	462348.7	3773224	1.40E-04	2.14E-05	9.16E-06
2238	462348.8	3773234	1.39E-04	2.13E-05	9.13E-06
2239	462348.8	3773244	1.39E-04	2.12E-05	9.11E-06
2240	462325.4	3773136	1.32E-04	2.02E-05	8.68E-06
2241	462329.1	3773127	1.34E-04	2.05E-05	8.78E-06
2242	462332.8	3773118	1.36E-04	2.07E-05	8.89E-06
2243	462336.5	3773109	1.37E-04	2.10E-05	9.01E-06
2244	462340.2	3773100	1.39E-04	2.13E-05	9.12E-06
2245	462343.8	3773091	1.41E-04	2.16E-05	9.25E-06
2246	462347.5	3773082	1.43E-04	2.19E-05	9.37E-06
2247	462351.2	3773072	1.45E-04	2.22E-05	9.50E-06
2248	462358.6	3773054	1.49E-04	2.28E-05	9.79E-06
2249	462362.3	3773045	1.52E-04	2.32E-05	9.94E-06
2250	462366	3773036	1.54E-04	2.36E-05	1.01E-05
2251	462369.7	3773027	1.57E-04	2.40E-05	1.03E-05
2252	462373.3	3773018	1.59E-04	2.44E-05	1.05E-05
2253	462377	3773009	1.62E-04	2.49E-05	1.07E-05
2254	462380.7	3773000	1.66E-04	2.53E-05	1.09E-05
2255	462384.4	3772991	1.69E-04	2.59E-05	1.11E-05
2256	462388.1	3772982	1.72E-04	2.64E-05	1.13E-05
2257	462391.8	3772972	1.76E-04	2.70E-05	1.16E-05
2258	462395.5	3772963	1.80E-04	2.76E-05	1.18E-05
2259	462399.2	3772954	1.84E-04	2.82E-05	1.21E-05
2260	462402.9	3772945	1.89E-04	2.89E-05	1.24E-05
2261	462413.9	3772918	2.04E-04	3.12E-05	1.34E-05
2262	462417.6	3772909	2.09E-04	3.20E-05	1.37E-05
2263	462421.3	3772900	2.14E-04	3.28E-05	1.41E-05
2264	462425	3772891	2.20E-04	3.36E-05	1.44E-05
2265	462447.1	3772836	2.54E-04	3.89E-05	1.67E-05
2266	462450.8	3772827	2.60E-04	3.97E-05	1.70E-05
2267	462454.5	3772818	2.65E-04	4.05E-05	1.74E-05
2268	462458.2	3772809	2.70E-04	4.13E-05	1.77E-05
2269	462461.9	3772800	2.75E-04	4.21E-05	1.80E-05
2270	462465.5	3772791	2.80E-04	4.28E-05	1.83E-05
2271	462469.2	3772782	2.84E-04	4.35E-05	1.86E-05
2272	462472.9	3772772	2.88E-04	4.41E-05	1.89E-05
2273	462476.6	3772763	2.91E-04	4.46E-05	1.91E-05
2274	462480.3	3772754	2.95E-04	4.51E-05	1.93E-05
2275	462484	3772745	2.97E-04	4.55E-05	1.95E-05
2276	462487.7	3772736	3.00E-04	4.59E-05	1.97E-05
2277	462500.4	3772723	3.10E-04	4.74E-05	2.03E-05
2278	462509.5	3772719	3.18E-04	4.86E-05	2.08E-05
2279	462518.5	3772716	3.25E-04	4.98E-05	2.13E-05
2280	462527.6	3772712	3.32E-04	5.09E-05	2.18E-05
2281	462536.6	3772708	3.39E-04	5.19E-05	2.23E-05
2282	462545.7	3772704	3.46E-04	5.29E-05	2.27E-05
2283	462554.7	3772700	3.52E-04	5.39E-05	2.31E-05
2284	462563.8	3772697	3.57E-04	5.47E-05	2.34E-05
2285	462572.8	3772693	3.62E-04	5.54E-05	2.38E-05
2286	462581.9	3772689	3.66E-04	5.61E-05	2.41E-05
2287	462590.9	3772685	3.70E-04	5.67E-05	2.43E-05

2288	462627.1	3772670	3.78E-04	5.78E-05	2.48E-05
2289	462636.2	3772666	3.78E-04	5.78E-05	2.48E-05
2290	462645.2	3772663	3.77E-04	5.77E-05	2.47E-05
2291	462654.3	3772659	3.75E-04	5.74E-05	2.46E-05
2292	462663.3	3772655	3.73E-04	5.71E-05	2.45E-05
2293	462672.4	3772651	3.70E-04	5.66E-05	2.43E-05
2294	462681.4	3772647	3.66E-04	5.60E-05	2.40E-05
2295	462690.5	3772644	3.62E-04	5.53E-05	2.37E-05
2296	462699.5	3772640	3.56E-04	5.45E-05	2.34E-05
2297	462708.6	3772636	3.50E-04	5.37E-05	2.30E-05
2298	462717.6	3772632	3.44E-04	5.27E-05	2.26E-05
2299	462726.7	3772628	3.37E-04	5.16E-05	2.21E-05
2300	462735.7	3772625	3.30E-04	5.05E-05	2.16E-05
2301	462744.8	3772621	3.22E-04	4.93E-05	2.11E-05
2302	462753.8	3772617	3.13E-04	4.80E-05	2.06E-05
2303	462762.9	3772613	3.05E-04	4.67E-05	2.00E-05
2304	462771.9	3772609	2.96E-04	4.53E-05	1.94E-05
2305	462781	3772606	2.87E-04	4.39E-05	1.88E-05
2306	462790	3772602	2.77E-04	4.25E-05	1.82E-05
2307	462799.1	3772598	2.68E-04	4.10E-05	1.76E-05
2308	462808.1	3772594	2.59E-04	3.96E-05	1.70E-05
2309	462817.2	3772591	2.49E-04	3.82E-05	1.64E-05
2310	462826.2	3772587	2.40E-04	3.67E-05	1.58E-05
2311	462835.3	3772583	2.31E-04	3.53E-05	1.51E-05
2312	462844.3	3772579	2.22E-04	3.39E-05	1.46E-05
2313	462853.4	3772575	2.13E-04	3.26E-05	1.40E-05
2314	462862.4	3772572	2.04E-04	3.13E-05	1.34E-05
2315	462871.5	3772568	1.96E-04	3.00E-05	1.29E-05
2316	462880.5	3772564	1.88E-04	2.88E-05	1.23E-05
2317	462889.6	3772560	1.80E-04	2.76E-05	1.18E-05
2318	462898.7	3772556	1.73E-04	2.64E-05	1.13E-05
2319	462907.7	3772553	1.66E-04	2.54E-05	1.09E-05
2320	462281.7	3773146	1.16E-04	1.77E-05	7.59E-06
2321	462285.4	3773136	1.17E-04	1.80E-05	7.70E-06
2322	462289.1	3773127	1.19E-04	1.82E-05	7.80E-06
2323	462292.8	3773118	1.20E-04	1.84E-05	7.89E-06
2324	462296.5	3773109	1.22E-04	1.86E-05	7.99E-06
2325	462300.2	3773100	1.23E-04	1.88E-05	8.08E-06
2326	462303.9	3773091	1.25E-04	1.91E-05	8.18E-06
2327	462322.4	3773045	1.33E-04	2.04E-05	8.73E-06
2328	462326.1	3773036	1.35E-04	2.07E-05	8.86E-06
2329	462329.8	3773027	1.37E-04	2.10E-05	8.99E-06
2330	462333.5	3773018	1.39E-04	2.13E-05	9.14E-06
2331	462337.2	3773009	1.42E-04	2.17E-05	9.29E-06
2332	462340.9	3773000	1.44E-04	2.20E-05	9.45E-06
2333	462344.6	3772991	1.47E-04	2.24E-05	9.62E-06
2334	462348.3	3772981	1.49E-04	2.29E-05	9.80E-06
2335	462352	3772972	1.52E-04	2.33E-05	9.98E-06
2336	462355.7	3772963	1.55E-04	2.38E-05	1.02E-05
2337	462359.4	3772954	1.58E-04	2.43E-05	1.04E-05
2338	462363.1	3772945	1.62E-04	2.48E-05	1.06E-05
2339	462366.8	3772936	1.65E-04	2.53E-05	1.09E-05

2340	462374.2	3772918	1.73E-04	2.65E-05	1.14E-05
2341	462377.9	3772909	1.77E-04	2.72E-05	1.16E-05
2342	462381.6	3772899	1.82E-04	2.78E-05	1.19E-05
2343	462385.3	3772890	1.86E-04	2.85E-05	1.22E-05
2344	462389	3772881	1.91E-04	2.92E-05	1.25E-05
2345	462411.2	3772826	2.20E-04	3.36E-05	1.44E-05
2346	462414.9	3772817	2.25E-04	3.44E-05	1.47E-05
2347	462418.5	3772808	2.29E-04	3.51E-05	1.51E-05
2348	462422.2	3772799	2.34E-04	3.58E-05	1.54E-05
2349	462425.9	3772790	2.39E-04	3.65E-05	1.57E-05
2350	462429.6	3772781	2.43E-04	3.72E-05	1.59E-05
2351	462433.3	3772772	2.47E-04	3.78E-05	1.62E-05
2352	462437	3772763	2.51E-04	3.84E-05	1.65E-05
2353	462440.7	3772754	2.55E-04	3.90E-05	1.67E-05
2354	462444.4	3772744	2.58E-04	3.95E-05	1.69E-05
2355	462448.1	3772735	2.61E-04	4.00E-05	1.71E-05
2356	462451.8	3772726	2.64E-04	4.04E-05	1.73E-05
2357	462455.5	3772717	2.66E-04	4.07E-05	1.75E-05
2358	462459.2	3772708	2.68E-04	4.11E-05	1.76E-05
2359	462472	3772695	2.77E-04	4.24E-05	1.82E-05
2360	462481.1	3772691	2.83E-04	4.34E-05	1.86E-05
2361	462490.1	3772687	2.90E-04	4.44E-05	1.90E-05
2362	462499.2	3772684	2.96E-04	4.53E-05	1.94E-05
2363	462508.3	3772680	3.02E-04	4.62E-05	1.98E-05
2364	462517.4	3772676	3.08E-04	4.71E-05	2.02E-05
2365	462526.4	3772672	3.13E-04	4.79E-05	2.05E-05
2366	462535.5	3772668	3.18E-04	4.86E-05	2.09E-05
2367	462544.6	3772665	3.22E-04	4.93E-05	2.11E-05
2368	462553.7	3772661	3.26E-04	4.99E-05	2.14E-05
2369	462562.7	3772657	3.29E-04	5.04E-05	2.16E-05
2370	462571.8	3772653	3.32E-04	5.09E-05	2.18E-05
2371	462580.9	3772649	3.34E-04	5.12E-05	2.20E-05
2372	462590	3772646	3.36E-04	5.15E-05	2.21E-05
2373	462599	3772642	3.37E-04	5.16E-05	2.21E-05
2374	462626.3	3772630	3.37E-04	5.15E-05	2.21E-05
2375	462635.3	3772627	3.35E-04	5.13E-05	2.20E-05
2376	462644.4	3772623	3.33E-04	5.10E-05	2.19E-05
2377	462653.5	3772619	3.31E-04	5.06E-05	2.17E-05
2378	462662.6	3772615	3.28E-04	5.01E-05	2.15E-05
2379	462671.6	3772611	3.24E-04	4.96E-05	2.12E-05
2380	462680.7	3772608	3.19E-04	4.89E-05	2.10E-05
2381	462689.8	3772604	3.15E-04	4.81E-05	2.06E-05
2382	462698.9	3772600	3.09E-04	4.73E-05	2.03E-05
2383	462707.9	3772596	3.03E-04	4.64E-05	1.99E-05
2384	462717	3772592	2.97E-04	4.55E-05	1.95E-05
2385	462726.1	3772589	2.91E-04	4.45E-05	1.91E-05
2386	462735.2	3772585	2.84E-04	4.34E-05	1.86E-05
2387	462744.2	3772581	2.76E-04	4.23E-05	1.81E-05
2388	462753.3	3772577	2.69E-04	4.12E-05	1.76E-05
2389	462762.4	3772573	2.61E-04	4.00E-05	1.71E-05
2390	462771.5	3772570	2.54E-04	3.88E-05	1.66E-05
2391	462780.5	3772566	2.46E-04	3.76E-05	1.61E-05

2392	462789.6	3772562	2.38E-04	3.64E-05	1.56E-05
2393	462798.7	3772558	2.30E-04	3.51E-05	1.51E-05
2394	462807.8	3772554	2.22E-04	3.39E-05	1.45E-05
2395	462816.8	3772551	2.14E-04	3.27E-05	1.40E-05
2396	462825.9	3772547	2.06E-04	3.15E-05	1.35E-05
2397	462835	3772543	1.98E-04	3.03E-05	1.30E-05
2398	462844.1	3772539	1.91E-04	2.92E-05	1.25E-05
2399	462853.1	3772535	1.83E-04	2.80E-05	1.20E-05
2400	462862.2	3772532	1.76E-04	2.70E-05	1.16E-05
2401	462871.3	3772528	1.69E-04	2.59E-05	1.11E-05
2402	462880.4	3772524	1.63E-04	2.49E-05	1.07E-05
2403	462889.4	3772520	1.56E-04	2.39E-05	1.02E-05
2404	462898.5	3772516	1.50E-04	2.30E-05	9.84E-06
2405	462907.6	3772513	1.44E-04	2.21E-05	9.46E-06
2406	462278	3773155	1.14E-04	1.75E-05	7.51E-06
2407	462278.1	3773165	1.14E-04	1.75E-05	7.50E-06
2408	462278.2	3773175	1.14E-04	1.75E-05	7.49E-06
2409	462278.3	3773185	1.14E-04	1.74E-05	7.47E-06
2410	462278.4	3773195	1.13E-04	1.74E-05	7.44E-06
2411	462278.5	3773204	1.13E-04	1.73E-05	7.42E-06
2412	462278.6	3773214	1.13E-04	1.73E-05	7.41E-06
2413	462278.7	3773224	1.13E-04	1.73E-05	7.41E-06
2414	462278.8	3773234	1.13E-04	1.73E-05	7.40E-06
2415	462278.9	3773244	1.12E-04	1.72E-05	7.37E-06
2416	462241.7	3773146	1.04E-04	1.59E-05	6.82E-06
2417	462245.4	3773137	1.05E-04	1.61E-05	6.91E-06
2418	462249.2	3773128	1.07E-04	1.63E-05	6.99E-06
2419	462252.9	3773119	1.08E-04	1.65E-05	7.07E-06
2420	462256.6	3773109	1.09E-04	1.67E-05	7.15E-06
2421	462260.3	3773100	1.10E-04	1.69E-05	7.23E-06
2422	462264	3773091	1.11E-04	1.70E-05	7.31E-06
2423	462267.7	3773082	1.13E-04	1.72E-05	7.39E-06
2424	462271.4	3773073	1.14E-04	1.74E-05	7.48E-06
2425	462275.1	3773064	1.15E-04	1.77E-05	7.57E-06
2426	462278.8	3773055	1.17E-04	1.79E-05	7.67E-06
2427	462282.5	3773045	1.18E-04	1.81E-05	7.76E-06
2428	462286.2	3773036	1.20E-04	1.83E-05	7.86E-06
2429	462289.9	3773027	1.21E-04	1.86E-05	7.97E-06
2430	462293.6	3773018	1.23E-04	1.89E-05	8.08E-06
2431	462297.3	3773009	1.25E-04	1.91E-05	8.20E-06
2432	462301	3773000	1.27E-04	1.94E-05	8.33E-06
2433	462304.8	3772991	1.29E-04	1.97E-05	8.46E-06
2434	462323.3	3772945	1.41E-04	2.15E-05	9.24E-06
2435	462327	3772936	1.44E-04	2.20E-05	9.42E-06
2436	462334.4	3772917	1.50E-04	2.29E-05	9.82E-06
2437	462338.1	3772908	1.53E-04	2.34E-05	1.00E-05
2438	462341.8	3772899	1.56E-04	2.39E-05	1.03E-05
2439	462345.5	3772890	1.60E-04	2.45E-05	1.05E-05
2440	462349.2	3772881	1.63E-04	2.50E-05	1.07E-05
2441	462371.5	3772826	1.88E-04	2.87E-05	1.23E-05
2442	462375.2	3772817	1.92E-04	2.94E-05	1.26E-05
2443	462378.9	3772808	1.96E-04	3.00E-05	1.29E-05

2444	462382.6	3772799	2.00E-04	3.07E-05	1.31E-05
2445	462386.3	3772790	2.04E-04	3.13E-05	1.34E-05
2446	462390	3772780	2.09E-04	3.19E-05	1.37E-05
2447	462393.7	3772771	2.13E-04	3.25E-05	1.39E-05
2448	462397.4	3772762	2.16E-04	3.31E-05	1.42E-05
2449	462401.1	3772753	2.20E-04	3.37E-05	1.44E-05
2450	462404.8	3772744	2.24E-04	3.42E-05	1.47E-05
2451	462408.5	3772735	2.27E-04	3.47E-05	1.49E-05
2452	462412.2	3772726	2.30E-04	3.52E-05	1.51E-05
2453	462415.9	3772716	2.33E-04	3.57E-05	1.53E-05
2454	462419.7	3772707	2.36E-04	3.61E-05	1.55E-05
2455	462423.4	3772698	2.38E-04	3.64E-05	1.56E-05
2456	462427.1	3772689	2.40E-04	3.67E-05	1.57E-05
2457	462430.8	3772680	2.42E-04	3.70E-05	1.59E-05
2458	462443.6	3772667	2.49E-04	3.81E-05	1.63E-05
2459	462452.7	3772663	2.55E-04	3.90E-05	1.67E-05
2460	462461.8	3772659	2.60E-04	3.99E-05	1.71E-05
2461	462470.9	3772655	2.66E-04	4.07E-05	1.74E-05
2462	462480	3772652	2.71E-04	4.15E-05	1.78E-05
2463	462489.1	3772648	2.76E-04	4.22E-05	1.81E-05
2464	462498.2	3772644	2.80E-04	4.29E-05	1.84E-05
2465	462507.3	3772640	2.85E-04	4.36E-05	1.87E-05
2466	462516.3	3772636	2.89E-04	4.42E-05	1.89E-05
2467	462525.4	3772633	2.92E-04	4.47E-05	1.92E-05
2468	462534.5	3772629	2.95E-04	4.52E-05	1.94E-05
2469	462543.6	3772625	2.98E-04	4.56E-05	1.95E-05
2470	462552.7	3772621	3.00E-04	4.59E-05	1.97E-05
2471	462561.8	3772617	3.02E-04	4.62E-05	1.98E-05
2472	462570.9	3772614	3.03E-04	4.64E-05	1.99E-05
2473	462580	3772610	3.04E-04	4.65E-05	1.99E-05
2474	462589.1	3772606	3.04E-04	4.65E-05	2.00E-05
2475	462598.2	3772602	3.04E-04	4.65E-05	1.99E-05
2476	462625.5	3772591	3.00E-04	4.59E-05	1.97E-05
2477	462634.6	3772587	2.98E-04	4.56E-05	1.95E-05
2478	462643.7	3772583	2.95E-04	4.51E-05	1.94E-05
2479	462652.8	3772579	2.92E-04	4.47E-05	1.91E-05
2480	462661.9	3772575	2.88E-04	4.41E-05	1.89E-05
2481	462671	3772572	2.84E-04	4.35E-05	1.86E-05
2482	462680.1	3772568	2.79E-04	4.28E-05	1.83E-05
2483	462689.2	3772564	2.75E-04	4.20E-05	1.80E-05
2484	462698.3	3772560	2.69E-04	4.12E-05	1.77E-05
2485	462707.4	3772556	2.64E-04	4.04E-05	1.73E-05
2486	462716.5	3772553	2.58E-04	3.95E-05	1.69E-05
2487	462725.6	3772549	2.52E-04	3.86E-05	1.65E-05
2488	462734.7	3772545	2.46E-04	3.76E-05	1.61E-05
2489	462743.8	3772541	2.39E-04	3.66E-05	1.57E-05
2490	462752.9	3772537	2.33E-04	3.56E-05	1.53E-05
2491	462761.9	3772534	2.26E-04	3.46E-05	1.48E-05
2492	462771	3772530	2.19E-04	3.35E-05	1.44E-05
2493	462780.1	3772526	2.12E-04	3.25E-05	1.39E-05
2494	462789.2	3772522	2.05E-04	3.14E-05	1.35E-05
2495	462798.3	3772518	1.98E-04	3.04E-05	1.30E-05

2496	462807.4	3772515	1.92E-04	2.93E-05	1.26E-05
2497	462816.5	3772511	1.85E-04	2.83E-05	1.21E-05
2498	462825.6	3772507	1.78E-04	2.73E-05	1.17E-05
2499	462834.7	3772503	1.72E-04	2.63E-05	1.13E-05
2500	462843.8	3772499	1.65E-04	2.53E-05	1.09E-05
2501	462852.9	3772496	1.59E-04	2.44E-05	1.05E-05
2502	462862	3772492	1.53E-04	2.35E-05	1.01E-05
2503	462871.1	3772488	1.48E-04	2.26E-05	9.69E-06
2504	462880.2	3772484	1.42E-04	2.17E-05	9.32E-06
2505	462889.3	3772480	1.37E-04	2.09E-05	8.97E-06
2506	462898.4	3772476	1.32E-04	2.02E-05	8.64E-06
2507	462238	3773155	1.03E-04	1.57E-05	6.75E-06
2508	462238.1	3773165	1.03E-04	1.57E-05	6.74E-06
2509	462238.2	3773175	1.03E-04	1.57E-05	6.73E-06
2510	462238.3	3773185	1.02E-04	1.57E-05	6.71E-06
2511	462238.4	3773195	1.02E-04	1.56E-05	6.69E-06
2512	462238.5	3773205	1.02E-04	1.56E-05	6.67E-06
2513	462238.6	3773215	1.01E-04	1.55E-05	6.66E-06
2514	462238.7	3773225	1.01E-04	1.55E-05	6.65E-06
2515	462238.8	3773235	1.01E-04	1.55E-05	6.64E-06
2516	462238.9	3773245	1.01E-04	1.54E-05	6.62E-06
2517	462201.7	3773146	9.40E-05	1.44E-05	6.17E-06
2518	462224	3773091	1.00E-04	1.54E-05	6.59E-06
2519	462227.7	3773082	1.01E-04	1.55E-05	6.66E-06
2520	462231.5	3773073	1.03E-04	1.57E-05	6.73E-06
2521	462235.2	3773064	1.04E-04	1.59E-05	6.81E-06
2522	462238.9	3773055	1.05E-04	1.61E-05	6.89E-06
2523	462242.6	3773046	1.06E-04	1.62E-05	6.97E-06
2524	462246.3	3773036	1.07E-04	1.64E-05	7.05E-06
2525	462250	3773027	1.09E-04	1.66E-05	7.13E-06
2526	462253.8	3773018	1.10E-04	1.69E-05	7.23E-06
2527	462257.5	3773009	1.12E-04	1.71E-05	7.32E-06
2528	462261.2	3773000	1.13E-04	1.73E-05	7.42E-06
2529	462264.9	3772991	1.15E-04	1.76E-05	7.52E-06
2530	462268.6	3772981	1.16E-04	1.78E-05	7.64E-06
2531	462272.3	3772972	1.18E-04	1.81E-05	7.75E-06
2532	462276	3772963	1.20E-04	1.84E-05	7.87E-06
2533	462279.8	3772954	1.22E-04	1.87E-05	8.00E-06
2534	462283.5	3772945	1.24E-04	1.90E-05	8.14E-06
2535	462287.2	3772936	1.26E-04	1.93E-05	8.28E-06
2536	462294.6	3772917	1.31E-04	2.01E-05	8.60E-06
2537	462298.3	3772908	1.34E-04	2.04E-05	8.76E-06
2538	462302	3772899	1.36E-04	2.09E-05	8.94E-06
2539	462305.8	3772890	1.39E-04	2.13E-05	9.12E-06
2540	462309.5	3772881	1.42E-04	2.17E-05	9.31E-06
2541	462331.8	3772826	1.62E-04	2.48E-05	1.06E-05
2542	462335.5	3772817	1.65E-04	2.53E-05	1.08E-05
2543	462339.2	3772807	1.69E-04	2.59E-05	1.11E-05
2544	462342.9	3772798	1.73E-04	2.64E-05	1.13E-05
2545	462346.6	3772789	1.76E-04	2.70E-05	1.16E-05
2546	462350.3	3772780	1.80E-04	2.75E-05	1.18E-05
2547	462354	3772771	1.84E-04	2.81E-05	1.20E-05

2548	462357.8	3772762	1.87E-04	2.86E-05	1.23E-05
2549	462361.5	3772752	1.91E-04	2.92E-05	1.25E-05
2550	462365.2	3772743	1.94E-04	2.97E-05	1.27E-05
2551	462368.9	3772734	1.97E-04	3.02E-05	1.30E-05
2552	462372.6	3772725	2.01E-04	3.07E-05	1.32E-05
2553	462376.3	3772716	2.04E-04	3.12E-05	1.34E-05
2554	462380	3772707	2.06E-04	3.16E-05	1.35E-05
2555	462383.8	3772698	2.09E-04	3.20E-05	1.37E-05
2556	462387.5	3772688	2.12E-04	3.24E-05	1.39E-05
2557	462391.2	3772679	2.14E-04	3.27E-05	1.40E-05
2558	462394.9	3772670	2.16E-04	3.30E-05	1.42E-05
2559	462398.6	3772661	2.18E-04	3.33E-05	1.43E-05
2560	462402.3	3772652	2.19E-04	3.36E-05	1.44E-05
2561	462415.2	3772639	2.26E-04	3.45E-05	1.48E-05
2562	462424.3	3772635	2.31E-04	3.53E-05	1.51E-05
2563	462433.4	3772631	2.35E-04	3.60E-05	1.55E-05
2564	462479	3772612	2.57E-04	3.93E-05	1.68E-05
2565	462488.1	3772608	2.60E-04	3.98E-05	1.71E-05
2566	462497.2	3772604	2.63E-04	4.03E-05	1.73E-05
2567	462506.3	3772601	2.66E-04	4.07E-05	1.75E-05
2568	462515.4	3772597	2.69E-04	4.11E-05	1.76E-05
2569	462524.5	3772593	2.71E-04	4.14E-05	1.78E-05
2570	462533.7	3772589	2.72E-04	4.17E-05	1.79E-05
2571	462542.8	3772585	2.74E-04	4.19E-05	1.80E-05
2572	462551.9	3772582	2.75E-04	4.21E-05	1.80E-05
2573	462561	3772578	2.75E-04	4.21E-05	1.81E-05
2574	462570.1	3772574	2.75E-04	4.21E-05	1.81E-05
2575	462579.2	3772570	2.75E-04	4.21E-05	1.80E-05
2576	462588.3	3772566	2.74E-04	4.20E-05	1.80E-05
2577	462597.5	3772562	2.73E-04	4.18E-05	1.79E-05
2578	462633.9	3772547	2.64E-04	4.05E-05	1.74E-05
2579	462643	3772543	2.61E-04	4.00E-05	1.72E-05
2580	462652.2	3772540	2.58E-04	3.95E-05	1.69E-05
2581	462661.3	3772536	2.54E-04	3.89E-05	1.67E-05
2582	462670.4	3772532	2.50E-04	3.83E-05	1.64E-05
2583	462679.5	3772528	2.46E-04	3.76E-05	1.61E-05
2584	462688.6	3772524	2.41E-04	3.69E-05	1.58E-05
2585	462697.7	3772520	2.36E-04	3.61E-05	1.55E-05
2586	462706.8	3772517	2.31E-04	3.53E-05	1.51E-05
2587	462716	3772513	2.25E-04	3.45E-05	1.48E-05
2588	462725.1	3772509	2.20E-04	3.36E-05	1.44E-05
2589	462734.2	3772505	2.14E-04	3.28E-05	1.41E-05
2590	462743.3	3772501	2.08E-04	3.19E-05	1.37E-05
2591	462752.4	3772498	2.03E-04	3.10E-05	1.33E-05
2592	462761.5	3772494	1.97E-04	3.01E-05	1.29E-05
2593	462770.7	3772490	1.91E-04	2.92E-05	1.25E-05
2594	462779.8	3772486	1.85E-04	2.83E-05	1.21E-05
2595	462788.9	3772482	1.79E-04	2.74E-05	1.17E-05
2596	462798	3772478	1.73E-04	2.65E-05	1.13E-05
2597	462807.1	3772475	1.67E-04	2.56E-05	1.10E-05
2598	462880	3772444	1.25E-04	1.92E-05	8.22E-06
2599	462889.2	3772440	1.21E-04	1.85E-05	7.93E-06

2600	462898.3	3772436	1.17E-04	1.78E-05	7.65E-06
2601	462907.4	3772433	1.12E-04	1.72E-05	7.38E-06
2602	462198	3773155	9.30E-05	1.42E-05	6.10E-06
2603	462198.1	3773165	9.27E-05	1.42E-05	6.09E-06
2604	462198.2	3773175	9.25E-05	1.42E-05	6.07E-06
2605	462198.3	3773185	9.23E-05	1.41E-05	6.06E-06
2606	462198.4	3773195	9.22E-05	1.41E-05	6.05E-06
2607	462198.5	3773205	9.20E-05	1.41E-05	6.04E-06
2608	462161.8	3773147	8.58E-05	1.31E-05	5.63E-06
2609	462165.5	3773137	8.66E-05	1.33E-05	5.68E-06
2610	462169.2	3773128	8.74E-05	1.34E-05	5.74E-06
2611	462180.4	3773101	9.03E-05	1.38E-05	5.93E-06
2612	462184.1	3773092	9.13E-05	1.40E-05	5.99E-06
2613	462187.8	3773082	9.22E-05	1.41E-05	6.05E-06
2614	462191.5	3773073	9.31E-05	1.43E-05	6.11E-06
2615	462195.3	3773064	9.41E-05	1.44E-05	6.17E-06
2616	462199	3773055	9.51E-05	1.46E-05	6.24E-06
2617	462221.3	3773000	1.02E-04	1.56E-05	6.68E-06
2618	462225	3772991	1.03E-04	1.58E-05	6.77E-06
2619	462228.7	3772981	1.04E-04	1.60E-05	6.86E-06
2620	462232.5	3772972	1.06E-04	1.62E-05	6.95E-06
2621	462236.2	3772963	1.07E-04	1.64E-05	7.05E-06
2622	462239.9	3772954	1.09E-04	1.67E-05	7.15E-06
2623	462243.6	3772945	1.11E-04	1.69E-05	7.25E-06
2624	462247.3	3772936	1.12E-04	1.72E-05	7.37E-06
2625	462254.8	3772917	1.16E-04	1.78E-05	7.62E-06
2626	462258.5	3772908	1.18E-04	1.81E-05	7.75E-06
2627	462262.2	3772899	1.20E-04	1.84E-05	7.89E-06
2628	462266	3772890	1.22E-04	1.87E-05	8.03E-06
2629	462269.7	3772881	1.25E-04	1.91E-05	8.19E-06
2630	462292	3772825	1.41E-04	2.16E-05	9.24E-06
2631	462295.7	3772816	1.44E-04	2.20E-05	9.44E-06
2632	462299.4	3772807	1.47E-04	2.25E-05	9.64E-06
2633	462303.2	3772798	1.50E-04	2.30E-05	9.84E-06
2634	462306.9	3772789	1.53E-04	2.34E-05	1.01E-05
2635	462310.6	3772780	1.56E-04	2.39E-05	1.03E-05
2636	462314.3	3772770	1.60E-04	2.44E-05	1.05E-05
2637	462318.1	3772761	1.63E-04	2.49E-05	1.07E-05
2638	462321.8	3772752	1.66E-04	2.54E-05	1.09E-05
2639	462325.5	3772743	1.69E-04	2.59E-05	1.11E-05
2640	462329.2	3772734	1.72E-04	2.64E-05	1.13E-05
2641	462332.9	3772725	1.75E-04	2.68E-05	1.15E-05
2642	462336.7	3772715	1.78E-04	2.73E-05	1.17E-05
2643	462340.4	3772706	1.81E-04	2.77E-05	1.19E-05
2644	462344.1	3772697	1.84E-04	2.81E-05	1.21E-05
2645	462347.8	3772688	1.86E-04	2.85E-05	1.22E-05
2646	462351.5	3772679	1.89E-04	2.89E-05	1.24E-05
2647	462355.3	3772670	1.91E-04	2.93E-05	1.25E-05
2648	462359	3772660	1.93E-04	2.96E-05	1.27E-05
2649	462362.7	3772651	1.95E-04	2.99E-05	1.28E-05
2650	462366.4	3772642	1.97E-04	3.02E-05	1.29E-05
2651	462370.2	3772633	1.99E-04	3.04E-05	1.30E-05

2652	462373.9	3772624	2.00E-04	3.06E-05	1.31E-05
2653	462405	3772603	2.14E-04	3.28E-05	1.40E-05
2654	462414.1	3772599	2.18E-04	3.34E-05	1.43E-05
2655	462423.3	3772595	2.22E-04	3.40E-05	1.46E-05
2656	462432.4	3772592	2.26E-04	3.46E-05	1.48E-05
2657	462441.5	3772588	2.29E-04	3.51E-05	1.51E-05
2658	462450.7	3772584	2.33E-04	3.56E-05	1.53E-05
2659	462478.1	3772572	2.41E-04	3.69E-05	1.58E-05
2660	462487.2	3772569	2.44E-04	3.73E-05	1.60E-05
2661	462496.3	3772565	2.46E-04	3.76E-05	1.61E-05
2662	462505.5	3772561	2.47E-04	3.79E-05	1.62E-05
2663	462514.6	3772557	2.49E-04	3.81E-05	1.63E-05
2664	462523.7	3772553	2.50E-04	3.82E-05	1.64E-05
2665	462532.8	3772549	2.50E-04	3.83E-05	1.64E-05
2666	462542	3772546	2.51E-04	3.84E-05	1.65E-05
2667	462551.1	3772542	2.51E-04	3.84E-05	1.65E-05
2668	462560.2	3772538	2.50E-04	3.83E-05	1.64E-05
2669	462569.4	3772534	2.50E-04	3.82E-05	1.64E-05
2670	462578.5	3772530	2.49E-04	3.81E-05	1.63E-05
2671	462587.6	3772527	2.47E-04	3.78E-05	1.62E-05
2672	462596.8	3772523	2.46E-04	3.76E-05	1.61E-05
2673	462605.9	3772519	2.43E-04	3.73E-05	1.60E-05
2674	462633.3	3772507	2.35E-04	3.60E-05	1.54E-05
2675	462642.4	3772504	2.32E-04	3.55E-05	1.52E-05
2676	462651.6	3772500	2.29E-04	3.50E-05	1.50E-05
2677	462660.7	3772496	2.25E-04	3.44E-05	1.48E-05
2678	462669.8	3772492	2.21E-04	3.38E-05	1.45E-05
2679	462679	3772488	2.17E-04	3.32E-05	1.42E-05
2680	462688.1	3772484	2.12E-04	3.25E-05	1.39E-05
2681	462697.2	3772481	2.08E-04	3.18E-05	1.36E-05
2682	462706.4	3772477	2.03E-04	3.10E-05	1.33E-05
2683	462715.5	3772473	1.98E-04	3.03E-05	1.30E-05
2684	462724.6	3772469	1.93E-04	2.95E-05	1.27E-05
2685	462788.6	3772442	1.57E-04	2.40E-05	1.03E-05
2686	462797.7	3772439	1.52E-04	2.33E-05	9.97E-06
2687	462806.8	3772435	1.47E-04	2.25E-05	9.65E-06
2688	462816	3772431	1.42E-04	2.17E-05	9.32E-06
2689	462825.1	3772427	1.37E-04	2.10E-05	9.01E-06
2690	462834.2	3772423	1.33E-04	2.03E-05	8.70E-06
2691	462843.4	3772419	1.28E-04	1.96E-05	8.40E-06
2692	462852.5	3772416	1.24E-04	1.89E-05	8.11E-06
2693	462861.6	3772412	1.19E-04	1.83E-05	7.83E-06
2694	462870.8	3772408	1.15E-04	1.76E-05	7.56E-06
2695	462879.9	3772404	1.11E-04	1.70E-05	7.31E-06
2696	462889	3772400	1.08E-04	1.65E-05	7.06E-06
2697	462898.2	3772396	1.04E-04	1.59E-05	6.83E-06
2698	462907.3	3772393	1.01E-04	1.54E-05	6.60E-06
2699	462158	3773156	8.48E-05	1.30E-05	5.56E-06
2700	462158.1	3773166	8.45E-05	1.29E-05	5.55E-06
2701	462158.2	3773176	8.42E-05	1.29E-05	5.53E-06
2702	462158.3	3773186	8.41E-05	1.29E-05	5.52E-06
2703	462158.4	3773196	8.40E-05	1.29E-05	5.51E-06

2704	462158.5	3773206	8.39E-05	1.28E-05	5.51E-06
2705	462158.6	3773216	8.37E-05	1.28E-05	5.49E-06
2706	462121.8	3773147	7.87E-05	1.21E-05	5.17E-06
2707	462125.5	3773138	7.95E-05	1.22E-05	5.21E-06
2708	462129.2	3773129	8.02E-05	1.23E-05	5.26E-06
2709	462140.4	3773101	8.27E-05	1.27E-05	5.43E-06
2710	462144.1	3773092	8.35E-05	1.28E-05	5.48E-06
2711	462147.9	3773083	8.43E-05	1.29E-05	5.53E-06
2712	462151.6	3773073	8.51E-05	1.30E-05	5.59E-06
2713	462155.3	3773064	8.60E-05	1.32E-05	5.64E-06
2714	462159	3773055	8.68E-05	1.33E-05	5.70E-06
2715	462162.8	3773046	8.77E-05	1.34E-05	5.75E-06
2716	462166.5	3773037	8.86E-05	1.36E-05	5.81E-06
2717	462170.2	3773027	8.95E-05	1.37E-05	5.87E-06
2718	462174	3773018	9.04E-05	1.38E-05	5.94E-06
2719	462177.7	3773009	9.14E-05	1.40E-05	6.00E-06
2720	462181.4	3773000	9.25E-05	1.42E-05	6.07E-06
2721	462185.1	3772991	9.35E-05	1.43E-05	6.13E-06
2722	462188.9	3772982	9.46E-05	1.45E-05	6.21E-06
2723	462192.6	3772972	9.58E-05	1.47E-05	6.28E-06
2724	462196.3	3772963	9.70E-05	1.48E-05	6.36E-06
2725	462200	3772954	9.82E-05	1.50E-05	6.45E-06
2726	462226.1	3772890	1.09E-04	1.67E-05	7.16E-06
2727	462229.9	3772880	1.11E-04	1.70E-05	7.28E-06
2728	462252.2	3772825	1.24E-04	1.90E-05	8.14E-06
2729	462256	3772816	1.26E-04	1.94E-05	8.30E-06
2730	462259.7	3772807	1.29E-04	1.97E-05	8.46E-06
2731	462263.4	3772798	1.32E-04	2.01E-05	8.63E-06
2732	462267.1	3772789	1.34E-04	2.05E-05	8.81E-06
2733	462270.9	3772779	1.37E-04	2.10E-05	8.99E-06
2734	462274.6	3772770	1.40E-04	2.14E-05	9.16E-06
2735	462278.3	3772761	1.42E-04	2.18E-05	9.35E-06
2736	462282.1	3772752	1.45E-04	2.22E-05	9.53E-06
2737	462285.8	3772743	1.48E-04	2.27E-05	9.72E-06
2738	462289.5	3772733	1.51E-04	2.31E-05	9.90E-06
2739	462293.2	3772724	1.54E-04	2.35E-05	1.01E-05
2740	462297	3772715	1.56E-04	2.39E-05	1.03E-05
2741	462300.7	3772706	1.59E-04	2.43E-05	1.04E-05
2742	462304.4	3772697	1.62E-04	2.48E-05	1.06E-05
2743	462308.1	3772687	1.64E-04	2.51E-05	1.08E-05
2744	462311.9	3772678	1.67E-04	2.55E-05	1.09E-05
2745	462315.6	3772669	1.69E-04	2.59E-05	1.11E-05
2746	462319.3	3772660	1.71E-04	2.62E-05	1.12E-05
2747	462323.1	3772651	1.74E-04	2.66E-05	1.14E-05
2748	462326.8	3772641	1.76E-04	2.69E-05	1.15E-05
2749	462330.5	3772632	1.77E-04	2.72E-05	1.16E-05
2750	462334.2	3772623	1.79E-04	2.74E-05	1.18E-05
2751	462345.4	3772596	1.83E-04	2.81E-05	1.20E-05
2752	462358.3	3772583	1.88E-04	2.88E-05	1.24E-05
2753	462367.4	3772579	1.92E-04	2.94E-05	1.26E-05
2754	462376.6	3772575	1.96E-04	3.00E-05	1.28E-05
2755	462385.7	3772571	1.99E-04	3.05E-05	1.31E-05

2756	462394.9	3772567	2.03E-04	3.10E-05	1.33E-05
2757	462404	3772563	2.06E-04	3.16E-05	1.35E-05
2758	462413.2	3772560	2.09E-04	3.20E-05	1.37E-05
2759	462422.3	3772556	2.12E-04	3.25E-05	1.39E-05
2760	462431.5	3772552	2.15E-04	3.29E-05	1.41E-05
2761	462440.6	3772548	2.18E-04	3.33E-05	1.43E-05
2762	462449.8	3772544	2.20E-04	3.37E-05	1.44E-05
2763	462477.2	3772533	2.26E-04	3.45E-05	1.48E-05
2764	462486.4	3772529	2.27E-04	3.47E-05	1.49E-05
2765	462495.5	3772525	2.28E-04	3.49E-05	1.50E-05
2766	462504.7	3772521	2.29E-04	3.50E-05	1.50E-05
2767	462513.8	3772517	2.29E-04	3.51E-05	1.50E-05
2768	462523	3772514	2.30E-04	3.51E-05	1.51E-05
2769	462532.1	3772510	2.29E-04	3.51E-05	1.51E-05
2770	462541.3	3772506	2.29E-04	3.51E-05	1.50E-05
2771	462550.4	3772502	2.28E-04	3.50E-05	1.50E-05
2772	462559.6	3772498	2.27E-04	3.48E-05	1.49E-05
2773	462568.7	3772494	2.26E-04	3.46E-05	1.48E-05
2774	462577.9	3772491	2.25E-04	3.44E-05	1.47E-05
2775	462587	3772487	2.23E-04	3.41E-05	1.46E-05
2776	462596.2	3772483	2.21E-04	3.38E-05	1.45E-05
2777	462605.3	3772479	2.18E-04	3.34E-05	1.43E-05
2778	462632.7	3772468	2.10E-04	3.21E-05	1.38E-05
2779	462696.8	3772441	1.84E-04	2.81E-05	1.20E-05
2780	462705.9	3772437	1.79E-04	2.74E-05	1.18E-05
2781	462715.1	3772433	1.75E-04	2.68E-05	1.15E-05
2782	462724.2	3772429	1.70E-04	2.61E-05	1.12E-05
2783	462733.4	3772425	1.66E-04	2.54E-05	1.09E-05
2784	462742.5	3772422	1.61E-04	2.47E-05	1.06E-05
2785	462751.7	3772418	1.57E-04	2.40E-05	1.03E-05
2786	462760.8	3772414	1.52E-04	2.33E-05	9.99E-06
2787	462770	3772410	1.48E-04	2.26E-05	9.70E-06
2788	462779.1	3772406	1.43E-04	2.19E-05	9.40E-06
2789	462788.3	3772402	1.39E-04	2.13E-05	9.11E-06
2790	462797.4	3772399	1.34E-04	2.06E-05	8.82E-06
2791	462806.6	3772395	1.30E-04	1.99E-05	8.54E-06
2792	462815.7	3772391	1.26E-04	1.93E-05	8.27E-06
2793	462824.9	3772387	1.22E-04	1.87E-05	8.00E-06
2794	462834	3772383	1.18E-04	1.80E-05	7.73E-06
2795	462843.1	3772379	1.14E-04	1.74E-05	7.48E-06
2796	462852.3	3772376	1.10E-04	1.69E-05	7.23E-06
2797	462861.4	3772372	1.07E-04	1.63E-05	6.99E-06
2798	462870.6	3772368	1.03E-04	1.58E-05	6.76E-06
2799	462879.7	3772364	9.97E-05	1.53E-05	6.54E-06
2800	462888.9	3772360	9.65E-05	1.48E-05	6.33E-06
2801	462898	3772357	9.34E-05	1.43E-05	6.13E-06
2802	462907.2	3772353	9.05E-05	1.39E-05	5.94E-06
2803	462118	3773156	7.79E-05	1.19E-05	5.11E-06
2804	462118.1	3773166	7.76E-05	1.19E-05	5.09E-06
2805	462118.2	3773176	7.74E-05	1.18E-05	5.08E-06
2806	462118.3	3773186	7.73E-05	1.18E-05	5.07E-06
2807	462118.4	3773196	7.72E-05	1.18E-05	5.06E-06

2808	462118.5	3773206	7.71E-05	1.18E-05	5.06E-06
2809	462118.6	3773216	7.68E-05	1.18E-05	5.04E-06
2810	462118.7	3773226	7.66E-05	1.17E-05	5.03E-06
2811	462118.8	3773236	7.64E-05	1.17E-05	5.01E-06
2812	462118.9	3773246	7.63E-05	1.17E-05	5.01E-06
2813	462081.8	3773147	7.27E-05	1.11E-05	4.77E-06
2814	462085.5	3773138	7.33E-05	1.12E-05	4.81E-06
2815	462089.2	3773129	7.40E-05	1.13E-05	4.85E-06
2816	462100.4	3773101	7.62E-05	1.17E-05	5.00E-06
2817	462104.2	3773092	7.69E-05	1.18E-05	5.05E-06
2818	462107.9	3773083	7.76E-05	1.19E-05	5.09E-06
2819	462111.6	3773074	7.83E-05	1.20E-05	5.14E-06
2820	462115.4	3773064	7.90E-05	1.21E-05	5.19E-06
2821	462119.1	3773055	7.98E-05	1.22E-05	5.24E-06
2822	462122.8	3773046	8.05E-05	1.23E-05	5.28E-06
2823	462126.6	3773037	8.13E-05	1.24E-05	5.33E-06
2824	462130.3	3773028	8.21E-05	1.26E-05	5.39E-06
2825	462137.8	3773009	8.37E-05	1.28E-05	5.49E-06
2826	462141.5	3773000	8.45E-05	1.29E-05	5.55E-06
2827	462145.2	3772991	8.54E-05	1.31E-05	5.61E-06
2828	462149	3772982	8.64E-05	1.32E-05	5.67E-06
2829	462152.7	3772972	8.74E-05	1.34E-05	5.73E-06
2830	462156.4	3772963	8.83E-05	1.35E-05	5.80E-06
2831	462160.2	3772954	8.94E-05	1.37E-05	5.86E-06
2832	462163.9	3772945	9.04E-05	1.38E-05	5.94E-06
2833	462167.6	3772936	9.16E-05	1.40E-05	6.01E-06
2834	462178.8	3772908	9.53E-05	1.46E-05	6.26E-06
2835	462182.6	3772899	9.67E-05	1.48E-05	6.35E-06
2836	462186.3	3772890	9.82E-05	1.50E-05	6.44E-06
2837	462190	3772880	9.97E-05	1.53E-05	6.54E-06
2838	462246	3772742	1.31E-04	2.00E-05	8.57E-06
2839	462249.8	3772733	1.33E-04	2.04E-05	8.72E-06
2840	462253.5	3772724	1.35E-04	2.07E-05	8.89E-06
2841	462257.2	3772715	1.38E-04	2.11E-05	9.05E-06
2842	462261	3772705	1.40E-04	2.15E-05	9.21E-06
2843	462264.7	3772696	1.43E-04	2.19E-05	9.37E-06
2844	462268.4	3772687	1.45E-04	2.22E-05	9.53E-06
2845	462272.2	3772678	1.48E-04	2.26E-05	9.68E-06
2846	462275.9	3772669	1.50E-04	2.29E-05	9.84E-06
2847	462279.6	3772659	1.52E-04	2.33E-05	9.98E-06
2848	462283.4	3772650	1.54E-04	2.36E-05	1.01E-05
2849	462287.1	3772641	1.56E-04	2.39E-05	1.03E-05
2850	462290.8	3772632	1.58E-04	2.42E-05	1.04E-05
2851	462294.6	3772623	1.60E-04	2.45E-05	1.05E-05
2852	462305.8	3772595	1.65E-04	2.53E-05	1.08E-05
2853	462309.5	3772586	1.66E-04	2.55E-05	1.09E-05
2854	462313.2	3772577	1.68E-04	2.57E-05	1.10E-05
2855	462317	3772567	1.69E-04	2.58E-05	1.11E-05
2856	462329.9	3772554	1.73E-04	2.65E-05	1.14E-05
2857	462339	3772551	1.77E-04	2.70E-05	1.16E-05
2858	462348.2	3772547	1.80E-04	2.75E-05	1.18E-05
2859	462357.4	3772543	1.83E-04	2.80E-05	1.20E-05

2860	462366.5	3772539	1.86E-04	2.85E-05	1.22E-05
2861	462375.7	3772535	1.89E-04	2.89E-05	1.24E-05
2862	462384.8	3772531	1.92E-04	2.94E-05	1.26E-05
2863	462394	3772528	1.94E-04	2.98E-05	1.28E-05
2864	462403.2	3772524	1.97E-04	3.02E-05	1.29E-05
2865	462412.3	3772520	1.99E-04	3.05E-05	1.31E-05
2866	462421.5	3772516	2.01E-04	3.08E-05	1.32E-05
2867	462430.7	3772512	2.03E-04	3.11E-05	1.33E-05
2868	462439.8	3772508	2.05E-04	3.14E-05	1.35E-05
2869	462449	3772505	2.07E-04	3.16E-05	1.36E-05
2870	462476.5	3772493	2.10E-04	3.21E-05	1.38E-05
2871	462485.6	3772489	2.10E-04	3.22E-05	1.38E-05
2872	462494.8	3772485	2.11E-04	3.23E-05	1.38E-05
2873	462504	3772481	2.11E-04	3.23E-05	1.38E-05
2874	462513.1	3772478	2.11E-04	3.23E-05	1.38E-05
2875	462522.3	3772474	2.10E-04	3.22E-05	1.38E-05
2876	462595.6	3772443	1.99E-04	3.04E-05	1.30E-05
2877	462604.7	3772439	1.96E-04	3.01E-05	1.29E-05
2878	462632.2	3772428	1.88E-04	2.88E-05	1.23E-05
2879	462641.4	3772424	1.85E-04	2.83E-05	1.21E-05
2880	462650.5	3772420	1.81E-04	2.78E-05	1.19E-05
2881	462659.7	3772416	1.78E-04	2.72E-05	1.17E-05
2882	462668.9	3772412	1.74E-04	2.67E-05	1.14E-05
2883	462678	3772409	1.71E-04	2.61E-05	1.12E-05
2884	462687.2	3772405	1.67E-04	2.56E-05	1.10E-05
2885	462696.4	3772401	1.63E-04	2.50E-05	1.07E-05
2886	462705.5	3772397	1.59E-04	2.44E-05	1.04E-05
2887	462714.7	3772393	1.55E-04	2.38E-05	1.02E-05
2888	462723.8	3772389	1.51E-04	2.32E-05	9.93E-06
2889	462733	3772386	1.47E-04	2.25E-05	9.67E-06
2890	462742.2	3772382	1.43E-04	2.19E-05	9.41E-06
2891	462751.3	3772378	1.39E-04	2.13E-05	9.14E-06
2892	462760.5	3772374	1.35E-04	2.07E-05	8.88E-06
2893	462769.7	3772370	1.31E-04	2.01E-05	8.62E-06
2894	462778.8	3772366	1.27E-04	1.95E-05	8.37E-06
2895	462788	3772363	1.24E-04	1.89E-05	8.11E-06
2896	462797.1	3772359	1.20E-04	1.83E-05	7.87E-06
2897	462806.3	3772355	1.16E-04	1.78E-05	7.62E-06
2898	462815.5	3772351	1.12E-04	1.72E-05	7.38E-06
2899	462824.6	3772347	1.09E-04	1.67E-05	7.15E-06
2900	462833.8	3772343	1.05E-04	1.61E-05	6.92E-06
2901	462843	3772340	1.02E-04	1.56E-05	6.70E-06
2902	462852.1	3772336	9.89E-05	1.51E-05	6.49E-06
2903	462861.3	3772332	9.58E-05	1.47E-05	6.28E-06
2904	462870.4	3772328	9.28E-05	1.42E-05	6.09E-06
2905	462879.6	3772324	8.99E-05	1.38E-05	5.90E-06
2906	462888.8	3772320	8.72E-05	1.33E-05	5.72E-06
2907	462897.9	3772317	8.45E-05	1.29E-05	5.55E-06
2908	462907.1	3772313	8.20E-05	1.26E-05	5.38E-06
2909	462078	3773157	7.19E-05	1.10E-05	4.72E-06
2910	462078.1	3773166	7.17E-05	1.10E-05	4.70E-06
2911	462078.2	3773176	7.15E-05	1.09E-05	4.69E-06

2912	462078.3	3773186	7.14E-05	1.09E-05	4.68E-06
2913	462078.4	3773196	7.13E-05	1.09E-05	4.68E-06
2914	462078.5	3773206	7.12E-05	1.09E-05	4.67E-06
2915	462078.6	3773216	7.09E-05	1.09E-05	4.66E-06
2916	462078.7	3773226	7.08E-05	1.08E-05	4.64E-06
2917	462078.8	3773236	7.05E-05	1.08E-05	4.63E-06
2918	462078.9	3773246	7.04E-05	1.08E-05	4.62E-06
2919	462041.8	3773148	6.75E-05	1.03E-05	4.43E-06
2920	462045.5	3773138	6.80E-05	1.04E-05	4.47E-06
2921	462049.3	3773129	6.86E-05	1.05E-05	4.50E-06
2922	462056.7	3773111	6.99E-05	1.07E-05	4.58E-06
2923	462060.5	3773102	7.06E-05	1.08E-05	4.63E-06
2924	462064.2	3773092	7.12E-05	1.09E-05	4.67E-06
2925	462068	3773083	7.18E-05	1.10E-05	4.71E-06
2926	462071.7	3773074	7.24E-05	1.11E-05	4.75E-06
2927	462075.4	3773065	7.30E-05	1.12E-05	4.79E-06
2928	462079.2	3773055	7.37E-05	1.13E-05	4.84E-06
2929	462082.9	3773046	7.44E-05	1.14E-05	4.88E-06
2930	462086.6	3773037	7.50E-05	1.15E-05	4.92E-06
2931	462090.4	3773028	7.57E-05	1.16E-05	4.97E-06
2932	462097.9	3773009	7.71E-05	1.18E-05	5.06E-06
2933	462101.6	3773000	7.79E-05	1.19E-05	5.11E-06
2934	462105.3	3772991	7.86E-05	1.20E-05	5.16E-06
2935	462109.1	3772982	7.94E-05	1.22E-05	5.21E-06
2936	462112.8	3772973	8.02E-05	1.23E-05	5.26E-06
2937	462116.6	3772963	8.10E-05	1.24E-05	5.32E-06
2938	462120.3	3772954	8.19E-05	1.25E-05	5.38E-06
2939	462124	3772945	8.28E-05	1.27E-05	5.43E-06
2940	462127.8	3772936	8.38E-05	1.28E-05	5.50E-06
2941	462139	3772908	8.68E-05	1.33E-05	5.70E-06
2942	462142.7	3772899	8.80E-05	1.35E-05	5.77E-06
2943	462146.5	3772890	8.91E-05	1.36E-05	5.85E-06
2944	462150.2	3772880	9.03E-05	1.38E-05	5.93E-06
2945	462168.9	3772834	9.74E-05	1.49E-05	6.39E-06
2946	462172.6	3772825	9.90E-05	1.51E-05	6.49E-06
2947	462176.4	3772816	1.01E-04	1.54E-05	6.60E-06
2948	462180.1	3772807	1.02E-04	1.57E-05	6.71E-06
2949	462183.8	3772797	1.04E-04	1.59E-05	6.83E-06
2950	462187.6	3772788	1.06E-04	1.62E-05	6.95E-06
2951	462191.3	3772779	1.08E-04	1.65E-05	7.08E-06
2952	462195.1	3772770	1.10E-04	1.68E-05	7.20E-06
2953	462198.8	3772761	1.12E-04	1.71E-05	7.33E-06
2954	462236.2	3772668	1.33E-04	2.04E-05	8.74E-06
2955	462239.9	3772659	1.35E-04	2.07E-05	8.88E-06
2956	462243.7	3772650	1.37E-04	2.10E-05	9.02E-06
2957	462247.4	3772641	1.39E-04	2.13E-05	9.15E-06
2958	462262.4	3772604	1.47E-04	2.25E-05	9.64E-06
2959	462266.1	3772595	1.49E-04	2.27E-05	9.75E-06
2960	462269.8	3772585	1.50E-04	2.30E-05	9.85E-06
2961	462273.6	3772576	1.52E-04	2.32E-05	9.94E-06
2962	462277.3	3772567	1.53E-04	2.34E-05	1.00E-05
2963	462281.1	3772558	1.54E-04	2.36E-05	1.01E-05

2964	462284.8	3772549	1.55E-04	2.38E-05	1.02E-05
2965	462288.5	3772539	1.56E-04	2.39E-05	1.02E-05
2966	462301.4	3772526	1.60E-04	2.45E-05	1.05E-05
2967	462310.6	3772522	1.63E-04	2.49E-05	1.07E-05
2968	462319.8	3772519	1.66E-04	2.54E-05	1.09E-05
2969	462329	3772515	1.69E-04	2.58E-05	1.11E-05
2970	462338.1	3772511	1.71E-04	2.62E-05	1.13E-05
2971	462347.3	3772507	1.74E-04	2.66E-05	1.14E-05
2972	462356.5	3772503	1.77E-04	2.70E-05	1.16E-05
2973	462365.7	3772499	1.79E-04	2.74E-05	1.17E-05
2974	462374.8	3772496	1.81E-04	2.77E-05	1.19E-05
2975	462384	3772492	1.83E-04	2.81E-05	1.20E-05
2976	462393.2	3772488	1.85E-04	2.84E-05	1.22E-05
2977	462402.4	3772484	1.87E-04	2.86E-05	1.23E-05
2978	462411.5	3772480	1.89E-04	2.89E-05	1.24E-05
2979	462420.7	3772476	1.90E-04	2.91E-05	1.25E-05
2980	462429.9	3772472	1.91E-04	2.93E-05	1.26E-05
2981	462439.1	3772469	1.92E-04	2.95E-05	1.26E-05
2982	462494.1	3772446	1.95E-04	2.98E-05	1.28E-05
2983	462503.3	3772442	1.94E-04	2.97E-05	1.27E-05
2984	462512.5	3772438	1.94E-04	2.96E-05	1.27E-05
2985	462521.6	3772434	1.93E-04	2.95E-05	1.26E-05
2986	462530.8	3772430	1.92E-04	2.94E-05	1.26E-05
2987	462540	3772426	1.91E-04	2.92E-05	1.25E-05
2988	462549.2	3772423	1.89E-04	2.89E-05	1.24E-05
2989	462558.3	3772419	1.87E-04	2.87E-05	1.23E-05
2990	462567.5	3772415	1.86E-04	2.84E-05	1.22E-05
2991	462576.7	3772411	1.84E-04	2.81E-05	1.21E-05
2992	462585.9	3772407	1.82E-04	2.78E-05	1.19E-05
2993	462595	3772403	1.79E-04	2.74E-05	1.18E-05
2994	462604.2	3772399	1.77E-04	2.71E-05	1.16E-05
2995	462631.7	3772388	1.69E-04	2.58E-05	1.11E-05
2996	462640.9	3772384	1.66E-04	2.53E-05	1.09E-05
2997	462650.1	3772380	1.62E-04	2.49E-05	1.07E-05
2998	462659.3	3772376	1.59E-04	2.44E-05	1.04E-05
2999	462668.4	3772373	1.56E-04	2.39E-05	1.02E-05
3000	462677.6	3772369	1.53E-04	2.34E-05	1.00E-05
3001	462686.8	3772365	1.49E-04	2.28E-05	9.79E-06
3002	462696	3772361	1.46E-04	2.23E-05	9.56E-06
3003	462705.1	3772357	1.42E-04	2.18E-05	9.33E-06
3004	462714.3	3772353	1.39E-04	2.12E-05	9.10E-06
3005	462723.5	3772350	1.35E-04	2.07E-05	8.87E-06
3006	462732.7	3772346	1.32E-04	2.01E-05	8.63E-06
3007	462741.8	3772342	1.28E-04	1.96E-05	8.40E-06
3008	462751	3772338	1.24E-04	1.91E-05	8.17E-06
3009	462760.2	3772334	1.21E-04	1.85E-05	7.94E-06
3010	462769.4	3772330	1.18E-04	1.80E-05	7.71E-06
3011	462778.5	3772326	1.14E-04	1.75E-05	7.49E-06
3012	462787.7	3772323	1.11E-04	1.70E-05	7.27E-06
3013	462796.9	3772319	1.07E-04	1.65E-05	7.05E-06
3014	462806.1	3772315	1.04E-04	1.60E-05	6.84E-06
3015	462815.2	3772311	1.01E-04	1.55E-05	6.63E-06

3016	462824.4	3772307	9.80E-05	1.50E-05	6.43E-06
3017	462833.6	3772303	9.50E-05	1.45E-05	6.23E-06
3018	462842.8	3772300	9.21E-05	1.41E-05	6.05E-06
3019	462851.9	3772296	8.93E-05	1.37E-05	5.86E-06
3020	462861.1	3772292	8.66E-05	1.33E-05	5.68E-06
3021	462870.3	3772288	8.40E-05	1.29E-05	5.51E-06
3022	462879.5	3772284	8.16E-05	1.25E-05	5.35E-06
3023	462888.6	3772280	7.92E-05	1.21E-05	5.20E-06
3024	462897.8	3772277	7.69E-05	1.18E-05	5.05E-06
3025	462907	3772273	7.47E-05	1.14E-05	4.90E-06
3026	462038	3773157	6.68E-05	1.02E-05	4.38E-06
3027	462038.1	3773167	6.65E-05	1.02E-05	4.37E-06
3028	462038.2	3773177	6.64E-05	1.02E-05	4.35E-06
3029	462038.3	3773187	6.63E-05	1.01E-05	4.35E-06
3030	462038.4	3773197	6.62E-05	1.01E-05	4.34E-06
3031	462038.5	3773207	6.61E-05	1.01E-05	4.34E-06
3032	462038.6	3773217	6.59E-05	1.01E-05	4.32E-06
3033	462038.7	3773227	6.57E-05	1.01E-05	4.31E-06
3034	462038.8	3773237	6.55E-05	1.00E-05	4.30E-06
3035	462038.9	3773246	6.54E-05	1.00E-05	4.29E-06
3036	462001.7	3773148	6.29E-05	9.63E-06	4.13E-06
3037	462005.4	3773139	6.34E-05	9.71E-06	4.16E-06
3038	462009.1	3773130	6.39E-05	9.78E-06	4.19E-06
3039	462020.2	3773103	6.57E-05	1.01E-05	4.31E-06
3040	462023.9	3773094	6.62E-05	1.01E-05	4.34E-06
3041	462027.6	3773084	6.67E-05	1.02E-05	4.38E-06
3042	462031.3	3773075	6.73E-05	1.03E-05	4.42E-06
3043	462035	3773066	6.78E-05	1.04E-05	4.45E-06
3044	462038.6	3773057	6.84E-05	1.05E-05	4.49E-06
3045	462042.3	3773048	6.89E-05	1.06E-05	4.52E-06
3046	462046	3773039	6.95E-05	1.06E-05	4.56E-06
3047	462049.7	3773030	7.01E-05	1.07E-05	4.60E-06
3048	462060.8	3773003	7.19E-05	1.10E-05	4.72E-06
3049	462064.5	3772993	7.26E-05	1.11E-05	4.76E-06
3050	462068.2	3772984	7.32E-05	1.12E-05	4.81E-06
3051	462071.9	3772975	7.39E-05	1.13E-05	4.85E-06
3052	462075.6	3772966	7.46E-05	1.14E-05	4.90E-06
3053	462079.3	3772957	7.53E-05	1.15E-05	4.94E-06
3054	462082.9	3772948	7.61E-05	1.16E-05	4.99E-06
3055	462086.6	3772939	7.69E-05	1.18E-05	5.05E-06
3056	462090.3	3772930	7.77E-05	1.19E-05	5.10E-06
3057	462097.7	3772912	7.94E-05	1.21E-05	5.21E-06
3058	462101.4	3772902	8.02E-05	1.23E-05	5.27E-06
3059	462105.1	3772893	8.12E-05	1.24E-05	5.33E-06
3060	462108.8	3772884	8.22E-05	1.26E-05	5.39E-06
3061	462127.2	3772839	8.77E-05	1.34E-05	5.76E-06
3062	462130.9	3772830	8.90E-05	1.36E-05	5.84E-06
3063	462134.6	3772821	9.03E-05	1.38E-05	5.93E-06
3064	462138.3	3772811	9.17E-05	1.40E-05	6.01E-06
3065	462142	3772802	9.31E-05	1.42E-05	6.11E-06
3066	462145.7	3772793	9.46E-05	1.45E-05	6.21E-06
3067	462149.4	3772784	9.61E-05	1.47E-05	6.30E-06

3068	462153.1	3772775	9.76E-05	1.49E-05	6.41E-06
3069	462156.8	3772766	9.92E-05	1.52E-05	6.51E-06
3070	462160.5	3772757	1.01E-04	1.54E-05	6.62E-06
3071	462164.2	3772748	1.03E-04	1.57E-05	6.74E-06
3072	462167.8	3772739	1.04E-04	1.60E-05	6.85E-06
3073	462171.5	3772729	1.06E-04	1.63E-05	6.97E-06
3074	462175.2	3772720	1.08E-04	1.65E-05	7.09E-06
3075	462178.9	3772711	1.10E-04	1.68E-05	7.21E-06
3076	462182.6	3772702	1.12E-04	1.71E-05	7.33E-06
3077	462186.3	3772693	1.14E-04	1.74E-05	7.46E-06
3078	462190	3772684	1.16E-04	1.77E-05	7.58E-06
3079	462193.7	3772675	1.17E-04	1.80E-05	7.71E-06
3080	462197.4	3772666	1.19E-04	1.83E-05	7.83E-06
3081	462226.9	3772593	1.34E-04	2.05E-05	8.78E-06
3082	462230.6	3772584	1.35E-04	2.07E-05	8.88E-06
3083	462234.3	3772575	1.37E-04	2.10E-05	8.98E-06
3084	462238	3772566	1.38E-04	2.12E-05	9.08E-06
3085	462241.7	3772557	1.40E-04	2.14E-05	9.17E-06
3086	462245.4	3772547	1.41E-04	2.16E-05	9.25E-06
3087	462249.1	3772538	1.42E-04	2.17E-05	9.32E-06
3088	462252.8	3772529	1.43E-04	2.19E-05	9.39E-06
3089	462256.4	3772520	1.44E-04	2.21E-05	9.46E-06
3090	462260.1	3772511	1.45E-04	2.22E-05	9.51E-06
3091	462272.9	3772498	1.48E-04	2.27E-05	9.73E-06
3092	462281.9	3772494	1.51E-04	2.31E-05	9.91E-06
3093	462291	3772491	1.54E-04	2.35E-05	1.01E-05
3094	462300.1	3772487	1.56E-04	2.39E-05	1.02E-05
3095	462309.1	3772483	1.58E-04	2.43E-05	1.04E-05
3096	462318.2	3772479	1.61E-04	2.46E-05	1.06E-05
3097	462327.2	3772475	1.63E-04	2.50E-05	1.07E-05
3098	462336.3	3772472	1.65E-04	2.53E-05	1.08E-05
3099	462345.4	3772468	1.67E-04	2.56E-05	1.10E-05
3100	462399.7	3772445	1.77E-04	2.70E-05	1.16E-05
3101	462408.8	3772441	1.78E-04	2.72E-05	1.17E-05
3102	462417.8	3772437	1.78E-04	2.73E-05	1.17E-05
3103	462426.9	3772434	1.79E-04	2.74E-05	1.18E-05
3104	462435.9	3772430	1.80E-04	2.75E-05	1.18E-05
3105	462445	3772426	1.80E-04	2.76E-05	1.18E-05
3106	462454.1	3772422	1.80E-04	2.76E-05	1.18E-05
3107	462463.1	3772419	1.80E-04	2.76E-05	1.18E-05
3108	462472.2	3772415	1.80E-04	2.76E-05	1.18E-05
3109	462481.2	3772411	1.80E-04	2.75E-05	1.18E-05
3110	462490.3	3772407	1.79E-04	2.75E-05	1.18E-05
3111	462499.4	3772403	1.79E-04	2.74E-05	1.17E-05
3112	462508.4	3772400	1.78E-04	2.72E-05	1.17E-05
3113	462517.5	3772396	1.77E-04	2.71E-05	1.16E-05
3114	462526.5	3772392	1.76E-04	2.69E-05	1.15E-05
3115	462535.6	3772388	1.74E-04	2.67E-05	1.14E-05
3116	462544.7	3772384	1.73E-04	2.65E-05	1.13E-05
3117	462553.7	3772381	1.71E-04	2.62E-05	1.12E-05
3118	462562.8	3772377	1.69E-04	2.59E-05	1.11E-05
3119	462571.8	3772373	1.68E-04	2.56E-05	1.10E-05

3120	462580.9	3772369	1.65E-04	2.53E-05	1.09E-05
3121	462590	3772365	1.63E-04	2.50E-05	1.07E-05
3122	462599	3772362	1.61E-04	2.46E-05	1.06E-05
3123	462608.1	3772358	1.58E-04	2.43E-05	1.04E-05
3124	462626.2	3772350	1.53E-04	2.35E-05	1.01E-05
3125	462635.3	3772346	1.51E-04	2.31E-05	9.88E-06
3126	462644.3	3772343	1.48E-04	2.26E-05	9.70E-06
3127	462653.4	3772339	1.45E-04	2.22E-05	9.51E-06
3128	462662.4	3772335	1.42E-04	2.17E-05	9.31E-06
3129	462671.5	3772331	1.39E-04	2.13E-05	9.12E-06
3130	462680.5	3772327	1.36E-04	2.08E-05	8.92E-06
3131	462689.6	3772324	1.33E-04	2.03E-05	8.72E-06
3132	462698.7	3772320	1.30E-04	1.99E-05	8.51E-06
3133	462707.7	3772316	1.27E-04	1.94E-05	8.31E-06
3134	462716.8	3772312	1.24E-04	1.89E-05	8.10E-06
3135	462725.8	3772309	1.20E-04	1.84E-05	7.90E-06
3136	462734.9	3772305	1.17E-04	1.80E-05	7.70E-06
3137	462744	3772301	1.14E-04	1.75E-05	7.49E-06
3138	462753	3772297	1.11E-04	1.70E-05	7.29E-06
3139	462762.1	3772293	1.08E-04	1.65E-05	7.09E-06
3140	462771.1	3772290	1.05E-04	1.61E-05	6.90E-06
3141	462780.2	3772286	1.02E-04	1.56E-05	6.70E-06
3142	462789.3	3772282	9.92E-05	1.52E-05	6.51E-06
3143	462798.3	3772278	9.64E-05	1.48E-05	6.32E-06
3144	462807.4	3772274	9.36E-05	1.43E-05	6.14E-06
3145	462816.4	3772271	9.09E-05	1.39E-05	5.97E-06
3146	462825.5	3772267	8.83E-05	1.35E-05	5.79E-06
3147	462834.6	3772263	8.58E-05	1.31E-05	5.63E-06
3148	462843.6	3772259	8.33E-05	1.27E-05	5.47E-06
3149	462852.7	3772255	8.09E-05	1.24E-05	5.31E-06
3150	462861.7	3772252	7.86E-05	1.20E-05	5.16E-06
3151	462870.8	3772248	7.64E-05	1.17E-05	5.01E-06
3152	462879.8	3772244	7.43E-05	1.14E-05	4.87E-06
3153	462888.9	3772240	7.22E-05	1.11E-05	4.74E-06
3154	462898	3772236	7.03E-05	1.08E-05	4.61E-06
3155	462907	3772233	6.85E-05	1.05E-05	4.49E-06
3156	461998	3773157	6.23E-05	9.54E-06	4.09E-06
3157	461998.1	3773167	6.21E-05	9.51E-06	4.08E-06
3158	461998.2	3773177	6.19E-05	9.48E-06	4.06E-06
3159	461998.3	3773187	6.18E-05	9.46E-06	4.06E-06
3160	461998.4	3773197	6.17E-05	9.45E-06	4.05E-06
3161	461998.5	3773207	6.16E-05	9.43E-06	4.04E-06
3162	461998.6	3773217	6.14E-05	9.41E-06	4.03E-06
3163	461998.7	3773227	6.13E-05	9.38E-06	4.02E-06
3164	461998.8	3773237	6.11E-05	9.35E-06	4.01E-06
3165	461998.9	3773247	6.10E-05	9.33E-06	4.00E-06
3166	461961.7	3773149	5.89E-05	9.01E-06	3.86E-06
3167	461965.4	3773139	5.93E-05	9.08E-06	3.89E-06
3168	461969.1	3773130	5.98E-05	9.16E-06	3.93E-06
3169	461976.5	3773112	6.07E-05	9.30E-06	3.99E-06
3170	461980.2	3773103	6.14E-05	9.39E-06	4.03E-06
3171	461983.9	3773094	6.19E-05	9.47E-06	4.06E-06

3172	461987.6	3773085	6.23E-05	9.54E-06	4.09E-06
3173	461991.3	3773076	6.28E-05	9.61E-06	4.12E-06
3174	461995	3773066	6.33E-05	9.69E-06	4.16E-06
3175	461998.7	3773057	6.38E-05	9.77E-06	4.19E-06
3176	462002.4	3773048	6.43E-05	9.84E-06	4.22E-06
3177	462006.1	3773039	6.48E-05	9.92E-06	4.25E-06
3178	462009.8	3773030	6.53E-05	1.00E-05	4.29E-06
3179	462020.9	3773003	6.70E-05	1.03E-05	4.39E-06
3180	462024.6	3772994	6.75E-05	1.03E-05	4.43E-06
3181	462028.3	3772984	6.81E-05	1.04E-05	4.47E-06
3182	462032	3772975	6.87E-05	1.05E-05	4.51E-06
3183	462035.7	3772966	6.93E-05	1.06E-05	4.55E-06
3184	462039.4	3772957	6.99E-05	1.07E-05	4.59E-06
3185	462043.1	3772948	7.06E-05	1.08E-05	4.63E-06
3186	462046.8	3772939	7.12E-05	1.09E-05	4.67E-06
3187	462057.9	3772911	7.33E-05	1.12E-05	4.81E-06
3188	462061.6	3772902	7.41E-05	1.13E-05	4.86E-06
3189	462065.3	3772893	7.49E-05	1.15E-05	4.91E-06
3190	462069	3772884	7.57E-05	1.16E-05	4.97E-06
3191	462087.5	3772839	8.03E-05	1.23E-05	5.27E-06
3192	462091.2	3772829	8.13E-05	1.24E-05	5.34E-06
3193	462094.9	3772820	8.24E-05	1.26E-05	5.41E-06
3194	462098.6	3772811	8.35E-05	1.28E-05	5.48E-06
3195	462102.3	3772802	8.47E-05	1.30E-05	5.56E-06
3196	462106	3772793	8.59E-05	1.32E-05	5.64E-06
3197	462109.7	3772784	8.72E-05	1.33E-05	5.72E-06
3198	462113.4	3772775	8.85E-05	1.35E-05	5.81E-06
3199	462117.1	3772766	8.98E-05	1.38E-05	5.90E-06
3200	462120.7	3772756	9.12E-05	1.40E-05	5.99E-06
3201	462124.4	3772747	9.27E-05	1.42E-05	6.08E-06
3202	462128.1	3772738	9.42E-05	1.44E-05	6.18E-06
3203	462131.8	3772729	9.57E-05	1.46E-05	6.28E-06
3204	462135.5	3772720	9.72E-05	1.49E-05	6.38E-06
3205	462139.2	3772711	9.88E-05	1.51E-05	6.48E-06
3206	462142.9	3772702	1.00E-04	1.54E-05	6.59E-06
3207	462146.6	3772693	1.02E-04	1.56E-05	6.70E-06
3208	462150.3	3772684	1.04E-04	1.59E-05	6.81E-06
3209	462154	3772674	1.05E-04	1.61E-05	6.92E-06
3210	462157.7	3772665	1.07E-04	1.64E-05	7.03E-06
3211	462161.4	3772656	1.09E-04	1.67E-05	7.14E-06
3212	462165.1	3772647	1.11E-04	1.69E-05	7.26E-06
3213	462168.8	3772638	1.12E-04	1.72E-05	7.37E-06
3214	462172.5	3772629	1.14E-04	1.75E-05	7.48E-06
3215	462176.2	3772620	1.16E-04	1.77E-05	7.59E-06
3216	462179.9	3772611	1.17E-04	1.80E-05	7.70E-06
3217	462183.6	3772601	1.19E-04	1.82E-05	7.81E-06
3218	462187.3	3772592	1.21E-04	1.85E-05	7.91E-06
3219	462191	3772583	1.22E-04	1.87E-05	8.02E-06
3220	462194.7	3772574	1.24E-04	1.89E-05	8.11E-06
3221	462198.4	3772565	1.25E-04	1.91E-05	8.21E-06
3222	462228	3772492	1.34E-04	2.06E-05	8.81E-06
3223	462231.7	3772483	1.35E-04	2.07E-05	8.86E-06

3224	462244.5	3772470	1.38E-04	2.11E-05	9.06E-06
3225	462298.9	3772447	1.51E-04	2.32E-05	9.92E-06
3226	462308	3772443	1.53E-04	2.34E-05	1.01E-05
3227	462317.1	3772440	1.55E-04	2.37E-05	1.02E-05
3228	462326.1	3772436	1.57E-04	2.40E-05	1.03E-05
3229	462335.2	3772432	1.58E-04	2.42E-05	1.04E-05
3230	462344.3	3772428	1.60E-04	2.45E-05	1.05E-05
3231	462353.4	3772424	1.61E-04	2.47E-05	1.06E-05
3232	462362.4	3772421	1.63E-04	2.49E-05	1.07E-05
3233	462371.5	3772417	1.64E-04	2.51E-05	1.07E-05
3234	462380.6	3772413	1.65E-04	2.52E-05	1.08E-05
3235	462389.7	3772409	1.66E-04	2.53E-05	1.09E-05
3236	462398.7	3772405	1.66E-04	2.54E-05	1.09E-05
3237	462407.8	3772402	1.67E-04	2.55E-05	1.09E-05
3238	462416.9	3772398	1.67E-04	2.56E-05	1.10E-05
3239	462426	3772394	1.68E-04	2.56E-05	1.10E-05
3240	462435	3772390	1.68E-04	2.57E-05	1.10E-05
3241	462444.1	3772386	1.68E-04	2.57E-05	1.10E-05
3242	462453.2	3772383	1.68E-04	2.56E-05	1.10E-05
3243	462462.3	3772379	1.67E-04	2.56E-05	1.10E-05
3244	462471.3	3772375	1.67E-04	2.55E-05	1.09E-05
3245	462480.4	3772371	1.66E-04	2.54E-05	1.09E-05
3246	462489.5	3772367	1.65E-04	2.53E-05	1.09E-05
3247	462498.6	3772364	1.64E-04	2.52E-05	1.08E-05
3248	462507.6	3772360	1.63E-04	2.50E-05	1.07E-05
3249	462516.7	3772356	1.62E-04	2.48E-05	1.06E-05
3250	462525.8	3772352	1.61E-04	2.46E-05	1.06E-05
3251	462534.9	3772348	1.59E-04	2.44E-05	1.05E-05
3252	462543.9	3772345	1.58E-04	2.41E-05	1.04E-05
3253	462553	3772341	1.56E-04	2.39E-05	1.02E-05
3254	462562.1	3772337	1.54E-04	2.36E-05	1.01E-05
3255	462571.2	3772333	1.52E-04	2.33E-05	9.99E-06
3256	462580.2	3772329	1.50E-04	2.30E-05	9.86E-06
3257	462589.3	3772326	1.48E-04	2.27E-05	9.72E-06
3258	462598.4	3772322	1.46E-04	2.23E-05	9.57E-06
3259	462607.5	3772318	1.43E-04	2.20E-05	9.42E-06
3260	462625.6	3772310	1.39E-04	2.12E-05	9.09E-06
3261	462634.7	3772307	1.36E-04	2.08E-05	8.93E-06
3262	462643.8	3772303	1.33E-04	2.04E-05	8.76E-06
3263	462652.8	3772299	1.31E-04	2.00E-05	8.58E-06
3264	462661.9	3772295	1.28E-04	1.96E-05	8.41E-06
3265	462671	3772291	1.25E-04	1.92E-05	8.22E-06
3266	462680.1	3772288	1.23E-04	1.88E-05	8.04E-06
3267	462689.1	3772284	1.20E-04	1.83E-05	7.86E-06
3268	462698.2	3772280	1.17E-04	1.79E-05	7.68E-06
3269	462707.3	3772276	1.14E-04	1.75E-05	7.50E-06
3270	462716.4	3772272	1.11E-04	1.71E-05	7.31E-06
3271	462725.4	3772269	1.09E-04	1.66E-05	7.13E-06
3272	462734.5	3772265	1.06E-04	1.62E-05	6.95E-06
3273	462743.6	3772261	1.03E-04	1.58E-05	6.77E-06
3274	462752.7	3772257	1.00E-04	1.54E-05	6.59E-06
3275	462761.7	3772253	9.77E-05	1.50E-05	6.41E-06

3276	462770.8	3772250	9.51E-05	1.46E-05	6.24E-06
3277	462779.9	3772246	9.25E-05	1.42E-05	6.07E-06
3278	462789	3772242	8.99E-05	1.38E-05	5.90E-06
3279	462798	3772238	8.74E-05	1.34E-05	5.74E-06
3280	462807.1	3772234	8.50E-05	1.30E-05	5.58E-06
3281	462816.2	3772231	8.27E-05	1.27E-05	5.43E-06
3282	462825.3	3772227	8.03E-05	1.23E-05	5.27E-06
3283	462834.3	3772223	7.81E-05	1.20E-05	5.13E-06
3284	462843.4	3772219	7.60E-05	1.16E-05	4.99E-06
3285	462852.5	3772215	7.39E-05	1.13E-05	4.85E-06
3286	462861.6	3772212	7.19E-05	1.10E-05	4.72E-06
3287	462870.6	3772208	7.00E-05	1.07E-05	4.59E-06
3288	462879.7	3772204	6.81E-05	1.04E-05	4.47E-06
3289	462888.8	3772200	6.64E-05	1.02E-05	4.35E-06
3290	462897.9	3772196	6.46E-05	9.89E-06	4.24E-06
3291	462906.9	3772193	6.30E-05	9.65E-06	4.14E-06
3292	461958	3773158	5.84E-05	8.93E-06	3.83E-06
3293	461958.1	3773168	5.81E-05	8.90E-06	3.81E-06
3294	461958.2	3773178	5.80E-05	8.88E-06	3.81E-06
3295	461958.3	3773187	5.79E-05	8.86E-06	3.80E-06
3296	461958.4	3773197	5.78E-05	8.85E-06	3.79E-06
3297	461958.5	3773207	5.77E-05	8.83E-06	3.79E-06
3298	461958.6	3773217	5.75E-05	8.81E-06	3.77E-06
3299	461958.7	3773227	5.73E-05	8.78E-06	3.76E-06
3300	461958.8	3773237	5.72E-05	8.75E-06	3.75E-06
3301	461958.9	3773247	5.71E-05	8.73E-06	3.74E-06
3302	461921.8	3773149	5.54E-05	8.48E-06	3.63E-06
3303	461925.5	3773140	5.58E-05	8.54E-06	3.66E-06
3304	461929.2	3773131	5.62E-05	8.60E-06	3.69E-06
3305	461936.6	3773112	5.71E-05	8.73E-06	3.74E-06
3306	461940.3	3773103	5.76E-05	8.81E-06	3.78E-06
3307	461944	3773094	5.80E-05	8.88E-06	3.81E-06
3308	461947.7	3773085	5.85E-05	8.95E-06	3.84E-06
3309	461951.4	3773076	5.89E-05	9.02E-06	3.87E-06
3310	461955.1	3773067	5.93E-05	9.08E-06	3.89E-06
3311	461958.8	3773058	5.98E-05	9.16E-06	3.93E-06
3312	461962.5	3773048	6.02E-05	9.22E-06	3.95E-06
3313	461966.2	3773039	6.07E-05	9.29E-06	3.98E-06
3314	461969.9	3773030	6.12E-05	9.36E-06	4.01E-06
3315	461981	3773003	6.26E-05	9.59E-06	4.11E-06
3316	461984.7	3772994	6.31E-05	9.66E-06	4.14E-06
3317	461988.4	3772984	6.36E-05	9.74E-06	4.17E-06
3318	461992.1	3772975	6.41E-05	9.81E-06	4.21E-06
3319	461995.8	3772966	6.47E-05	9.90E-06	4.24E-06
3320	461999.5	3772957	6.52E-05	9.98E-06	4.28E-06
3321	462003.2	3772948	6.57E-05	1.01E-05	4.31E-06
3322	462006.9	3772939	6.64E-05	1.02E-05	4.35E-06
3323	462010.6	3772930	6.69E-05	1.02E-05	4.39E-06
3324	462014.3	3772921	6.75E-05	1.03E-05	4.43E-06
3325	462018	3772911	6.82E-05	1.04E-05	4.47E-06
3326	462021.8	3772902	6.88E-05	1.05E-05	4.51E-06
3327	462025.5	3772893	6.94E-05	1.06E-05	4.56E-06

3328	462029.2	3772884	7.01E-05	1.07E-05	4.60E-06
3329	462032.9	3772875	7.08E-05	1.08E-05	4.65E-06
3330	462047.7	3772838	7.40E-05	1.13E-05	4.85E-06
3331	462051.4	3772829	7.49E-05	1.15E-05	4.91E-06
3332	462055.1	3772820	7.58E-05	1.16E-05	4.97E-06
3333	462058.8	3772811	7.67E-05	1.17E-05	5.03E-06
3334	462062.5	3772802	7.77E-05	1.19E-05	5.10E-06
3335	462066.2	3772793	7.87E-05	1.20E-05	5.16E-06
3336	462069.9	3772784	7.97E-05	1.22E-05	5.23E-06
3337	462073.6	3772774	8.08E-05	1.24E-05	5.30E-06
3338	462077.3	3772765	8.19E-05	1.25E-05	5.38E-06
3339	462081	3772756	8.31E-05	1.27E-05	5.45E-06
3340	462084.7	3772747	8.43E-05	1.29E-05	5.53E-06
3341	462088.4	3772738	8.56E-05	1.31E-05	5.62E-06
3342	462092.1	3772729	8.68E-05	1.33E-05	5.70E-06
3343	462095.8	3772720	8.82E-05	1.35E-05	5.79E-06
3344	462099.5	3772711	8.95E-05	1.37E-05	5.87E-06
3345	462103.2	3772701	9.09E-05	1.39E-05	5.97E-06
3346	462106.9	3772692	9.23E-05	1.41E-05	6.06E-06
3347	462110.6	3772683	9.38E-05	1.44E-05	6.15E-06
3348	462114.3	3772674	9.53E-05	1.46E-05	6.25E-06
3349	462118	3772665	9.68E-05	1.48E-05	6.35E-06
3350	462121.8	3772656	9.82E-05	1.50E-05	6.45E-06
3351	462125.5	3772647	9.98E-05	1.53E-05	6.55E-06
3352	462129.2	3772637	1.01E-04	1.55E-05	6.65E-06
3353	462132.9	3772628	1.03E-04	1.57E-05	6.75E-06
3354	462136.6	3772619	1.04E-04	1.60E-05	6.85E-06
3355	462140.3	3772610	1.06E-04	1.62E-05	6.95E-06
3356	462144	3772601	1.07E-04	1.64E-05	7.05E-06
3357	462147.7	3772592	1.09E-04	1.67E-05	7.15E-06
3358	462151.4	3772583	1.10E-04	1.69E-05	7.25E-06
3359	462155.1	3772574	1.12E-04	1.71E-05	7.34E-06
3360	462158.8	3772564	1.13E-04	1.73E-05	7.44E-06
3361	462162.5	3772555	1.15E-04	1.76E-05	7.53E-06
3362	462166.2	3772546	1.16E-04	1.78E-05	7.61E-06
3363	462169.9	3772537	1.17E-04	1.80E-05	7.70E-06
3364	462173.6	3772528	1.19E-04	1.82E-05	7.78E-06
3365	462177.3	3772519	1.20E-04	1.83E-05	7.86E-06
3366	462181	3772510	1.21E-04	1.85E-05	7.93E-06
3367	462184.7	3772501	1.22E-04	1.87E-05	8.00E-06
3368	462188.4	3772491	1.23E-04	1.88E-05	8.07E-06
3369	462192.1	3772482	1.24E-04	1.90E-05	8.13E-06
3370	462195.8	3772473	1.25E-04	1.91E-05	8.18E-06
3371	462225.1	3772438	1.31E-04	2.01E-05	8.60E-06
3372	462234.2	3772434	1.33E-04	2.04E-05	8.73E-06
3373	462243.3	3772430	1.35E-04	2.07E-05	8.87E-06
3374	462252.4	3772427	1.37E-04	2.10E-05	8.99E-06
3375	462261.5	3772423	1.39E-04	2.13E-05	9.12E-06
3376	462270.6	3772419	1.41E-04	2.16E-05	9.24E-06
3377	462279.7	3772415	1.43E-04	2.18E-05	9.35E-06
3378	462288.7	3772411	1.44E-04	2.21E-05	9.46E-06
3379	462297.8	3772408	1.46E-04	2.23E-05	9.57E-06

3380	462306.9	3772404	1.47E-04	2.25E-05	9.66E-06
3381	462316	3772400	1.49E-04	2.28E-05	9.76E-06
3382	462325.1	3772396	1.50E-04	2.30E-05	9.84E-06
3383	462334.2	3772392	1.51E-04	2.31E-05	9.92E-06
3384	462343.3	3772389	1.52E-04	2.33E-05	9.99E-06
3385	462352.4	3772385	1.53E-04	2.34E-05	1.01E-05
3386	462361.5	3772381	1.54E-04	2.36E-05	1.01E-05
3387	462370.5	3772377	1.55E-04	2.37E-05	1.02E-05
3388	462379.6	3772373	1.55E-04	2.38E-05	1.02E-05
3389	462388.7	3772370	1.56E-04	2.38E-05	1.02E-05
3390	462397.8	3772366	1.56E-04	2.39E-05	1.02E-05
3391	462406.9	3772362	1.56E-04	2.39E-05	1.03E-05
3392	462416	3772358	1.56E-04	2.39E-05	1.03E-05
3393	462425.1	3772354	1.56E-04	2.39E-05	1.03E-05
3394	462434.2	3772351	1.56E-04	2.39E-05	1.02E-05
3395	462443.3	3772347	1.56E-04	2.39E-05	1.02E-05
3396	462452.4	3772343	1.55E-04	2.38E-05	1.02E-05
3397	462461.4	3772339	1.55E-04	2.37E-05	1.02E-05
3398	462470.5	3772335	1.54E-04	2.36E-05	1.01E-05
3399	462479.6	3772332	1.53E-04	2.35E-05	1.01E-05
3400	462488.7	3772328	1.52E-04	2.33E-05	1.00E-05
3401	462497.8	3772324	1.51E-04	2.32E-05	9.92E-06
3402	462506.9	3772320	1.50E-04	2.30E-05	9.84E-06
3403	462516	3772316	1.49E-04	2.28E-05	9.76E-06
3404	462525.1	3772313	1.47E-04	2.25E-05	9.67E-06
3405	462534.2	3772309	1.46E-04	2.23E-05	9.57E-06
3406	462543.2	3772305	1.44E-04	2.21E-05	9.46E-06
3407	462552.3	3772301	1.42E-04	2.18E-05	9.35E-06
3408	462561.4	3772297	1.41E-04	2.15E-05	9.23E-06
3409	462570.5	3772293	1.39E-04	2.12E-05	9.10E-06
3410	462579.6	3772290	1.37E-04	2.09E-05	8.97E-06
3411	462588.7	3772286	1.35E-04	2.06E-05	8.84E-06
3412	462597.8	3772282	1.32E-04	2.03E-05	8.69E-06
3413	462606.9	3772278	1.30E-04	1.99E-05	8.55E-06
3414	462625.1	3772271	1.26E-04	1.92E-05	8.25E-06
3415	462634.1	3772267	1.23E-04	1.89E-05	8.09E-06
3416	462643.2	3772263	1.21E-04	1.85E-05	7.94E-06
3417	462652.3	3772259	1.18E-04	1.81E-05	7.77E-06
3418	462661.4	3772255	1.16E-04	1.78E-05	7.61E-06
3419	462670.5	3772252	1.14E-04	1.74E-05	7.45E-06
3420	462679.6	3772248	1.11E-04	1.70E-05	7.29E-06
3421	462688.7	3772244	1.08E-04	1.66E-05	7.12E-06
3422	462697.8	3772240	1.06E-04	1.62E-05	6.96E-06
3423	462706.9	3772236	1.03E-04	1.58E-05	6.79E-06
3424	462715.9	3772233	1.01E-04	1.55E-05	6.63E-06
3425	462725	3772229	9.85E-05	1.51E-05	6.46E-06
3426	462734.1	3772225	9.60E-05	1.47E-05	6.30E-06
3427	462743.2	3772221	9.36E-05	1.43E-05	6.14E-06
3428	462752.3	3772217	9.11E-05	1.40E-05	5.98E-06
3429	462761.4	3772214	8.88E-05	1.36E-05	5.83E-06
3430	462770.5	3772210	8.65E-05	1.32E-05	5.67E-06
3431	462779.6	3772206	8.42E-05	1.29E-05	5.52E-06

3432	462788.7	3772202	8.19E-05	1.25E-05	5.38E-06
3433	462797.8	3772198	7.97E-05	1.22E-05	5.23E-06
3434	462806.8	3772195	7.76E-05	1.19E-05	5.09E-06
3435	462815.9	3772191	7.55E-05	1.16E-05	4.96E-06
3436	462825	3772187	7.35E-05	1.13E-05	4.82E-06
3437	462834.1	3772183	7.15E-05	1.10E-05	4.70E-06
3438	462843.2	3772179	6.96E-05	1.07E-05	4.57E-06
3439	462852.3	3772175	6.79E-05	1.04E-05	4.45E-06
3440	462861.4	3772172	6.61E-05	1.01E-05	4.34E-06
3441	462870.5	3772168	6.43E-05	9.85E-06	4.22E-06
3442	462879.6	3772164	6.28E-05	9.61E-06	4.12E-06
3443	462888.6	3772160	6.12E-05	9.37E-06	4.02E-06
3444	462897.7	3772156	5.97E-05	9.14E-06	3.92E-06
3445	462906.8	3772153	5.83E-05	8.92E-06	3.82E-06
3446	461918	3773158	5.49E-05	8.40E-06	3.60E-06
3447	461918.1	3773168	5.47E-05	8.37E-06	3.59E-06
3448	461918.2	3773178	5.45E-05	8.35E-06	3.58E-06
3449	461918.3	3773188	5.44E-05	8.33E-06	3.57E-06
3450	461918.4	3773198	5.43E-05	8.32E-06	3.57E-06
3451	461918.5	3773208	5.42E-05	8.30E-06	3.56E-06
3452	461918.6	3773218	5.41E-05	8.28E-06	3.55E-06
3453	461918.7	3773228	5.39E-05	8.25E-06	3.54E-06
3454	461918.8	3773238	5.38E-05	8.23E-06	3.53E-06
3455	461918.9	3773248	5.36E-05	8.21E-06	3.52E-06
3456	462917.5	3773288	1.51E-02	2.31E-03	9.91E-04
3457	462909.1	3773284	1.30E-02	1.99E-03	8.55E-04
3458	462900.6	3773281	1.12E-02	1.71E-03	7.34E-04
3459	462917.5	3773298	1.24E-02	1.90E-03	8.14E-04
3460	462909.1	3773294	1.09E-02	1.66E-03	7.13E-04
3461	462900.6	3773291	9.52E-03	1.46E-03	6.25E-04
3462	462892.2	3773287	8.35E-03	1.28E-03	5.48E-04
3463	462883.1	3773283	7.38E-03	1.13E-03	4.84E-04
3464	462917.5	3773308	1.05E-02	1.61E-03	6.88E-04
3465	462909.1	3773304	9.31E-03	1.42E-03	6.11E-04
3466	462900.6	3773301	8.23E-03	1.26E-03	5.40E-04
3467	462892.2	3773297	7.27E-03	1.11E-03	4.77E-04
3468	462883.7	3773294	6.46E-03	9.89E-04	4.24E-04
3469	462875.5	3773288	5.93E-03	9.07E-04	3.89E-04
3470	462871.9	3773280	6.08E-03	9.31E-04	3.99E-04
3471	462917.5	3773318	8.97E-03	1.37E-03	5.88E-04
3472	462909.1	3773314	8.06E-03	1.23E-03	5.29E-04
3473	462900.6	3773311	7.21E-03	1.10E-03	4.73E-04
3474	462892.2	3773307	6.45E-03	9.87E-04	4.23E-04
3475	462883.7	3773304	5.77E-03	8.83E-04	3.79E-04
3476	462875.3	3773300	5.17E-03	7.91E-04	3.39E-04
3477	462867.9	3773294	4.87E-03	7.46E-04	3.20E-04
3478	462864.3	3773285	4.98E-03	7.63E-04	3.27E-04
3479	462917.5	3773328	7.73E-03	1.18E-03	5.07E-04
3480	462909.1	3773324	7.03E-03	1.08E-03	4.61E-04
3481	462900.6	3773321	6.36E-03	9.73E-04	4.17E-04
3482	462892.2	3773317	5.74E-03	8.79E-04	3.77E-04
3483	462883.7	3773314	5.18E-03	7.93E-04	3.40E-04

3484	462875.3	3773310	4.67E-03	7.15E-04	3.07E-04
3485	462866.8	3773307	4.22E-03	6.46E-04	2.77E-04
3486	462860.2	3773300	4.08E-03	6.25E-04	2.68E-04
3487	462856.1	3773290	4.18E-03	6.40E-04	2.74E-04
3488	462851.9	3773280	4.24E-03	6.49E-04	2.78E-04
3489	462917.5	3773338	6.64E-03	1.02E-03	4.36E-04
3490	462908.8	3773334	6.10E-03	9.34E-04	4.00E-04
3491	462900.2	3773331	5.58E-03	8.54E-04	3.66E-04
3492	462891.6	3773327	5.09E-03	7.79E-04	3.34E-04
3493	462882.9	3773324	4.63E-03	7.08E-04	3.04E-04
3494	462874.3	3773320	4.18E-03	6.40E-04	2.75E-04
3495	462865.6	3773316	3.79E-03	5.80E-04	2.48E-04
3496	462857	3773313	3.44E-03	5.27E-04	2.26E-04
3497	462851.9	3773304	3.47E-03	5.32E-04	2.28E-04
3498	462848.3	3773295	3.55E-03	5.44E-04	2.33E-04
3499	462844.7	3773287	3.60E-03	5.51E-04	2.36E-04
3500	462917.5	3773348	5.77E-03	8.83E-04	3.79E-04
3501	462908.9	3773344	5.34E-03	8.17E-04	3.50E-04
3502	462900.2	3773341	4.92E-03	7.53E-04	3.23E-04
3503	462891.6	3773337	4.52E-03	6.93E-04	2.97E-04
3504	462883	3773334	4.15E-03	6.36E-04	2.73E-04
3505	462874.4	3773330	3.80E-03	5.81E-04	2.49E-04
3506	462865.8	3773327	3.46E-03	5.29E-04	2.27E-04
3507	462857.1	3773323	3.15E-03	4.83E-04	2.07E-04
3508	462847.9	3773318	2.90E-03	4.44E-04	1.91E-04
3509	462844.3	3773309	2.98E-03	4.56E-04	1.95E-04
3510	462840.7	3773301	3.05E-03	4.66E-04	2.00E-04
3511	462837	3773292	3.10E-03	4.74E-04	2.03E-04
3512	462833.4	3773284	3.13E-03	4.79E-04	2.05E-04
3513	462917.5	3773368	4.50E-03	6.90E-04	2.96E-04
3514	462908.9	3773364	4.20E-03	6.44E-04	2.76E-04
3515	462900.3	3773361	3.91E-03	5.99E-04	2.57E-04
3516	462891.7	3773357	3.63E-03	5.56E-04	2.38E-04
3517	462883.1	3773354	3.37E-03	5.16E-04	2.21E-04
3518	462874.5	3773350	3.13E-03	4.79E-04	2.05E-04
3519	462865.9	3773347	2.90E-03	4.43E-04	1.90E-04
3520	462857.4	3773343	2.68E-03	4.10E-04	1.76E-04
3521	462848.8	3773340	2.48E-03	3.79E-04	1.62E-04
3522	462840.2	3773336	2.30E-03	3.52E-04	1.51E-04
3523	462832.6	3773329	2.21E-03	3.38E-04	1.45E-04
3524	462829	3773321	2.25E-03	3.45E-04	1.48E-04
3525	462825.4	3773312	2.30E-03	3.52E-04	1.51E-04
3526	462821.8	3773304	2.35E-03	3.59E-04	1.54E-04
3527	462818.2	3773295	2.38E-03	3.65E-04	1.56E-04
3528	462814.6	3773287	2.40E-03	3.67E-04	1.57E-04
3529	462917.5	3773388	3.62E-03	5.54E-04	2.37E-04
3530	462908.9	3773384	3.41E-03	5.22E-04	2.24E-04
3531	462900.3	3773381	3.21E-03	4.91E-04	2.10E-04
3532	462891.8	3773377	3.01E-03	4.60E-04	1.97E-04
3533	462883.2	3773374	2.81E-03	4.30E-04	1.85E-04
3534	462874.6	3773370	2.62E-03	4.02E-04	1.72E-04
3535	462866.1	3773367	2.45E-03	3.74E-04	1.61E-04

3536	462857.5	3773363	2.28E-03	3.50E-04	1.50E-04
3537	462848.9	3773360	2.14E-03	3.27E-04	1.40E-04
3538	462840.4	3773356	2.00E-03	3.06E-04	1.31E-04
3539	462831.8	3773353	1.87E-03	2.87E-04	1.23E-04
3540	462823.2	3773349	1.75E-03	2.68E-04	1.15E-04
3541	462817.4	3773341	1.74E-03	2.66E-04	1.14E-04
3542	462813.8	3773332	1.77E-03	2.71E-04	1.16E-04
3543	462810.2	3773324	1.80E-03	2.75E-04	1.18E-04
3544	462806.6	3773315	1.83E-03	2.80E-04	1.20E-04
3545	462803	3773307	1.86E-03	2.84E-04	1.22E-04
3546	462799.3	3773298	1.88E-03	2.88E-04	1.24E-04
3547	462795.7	3773290	1.89E-03	2.90E-04	1.24E-04
3548	462792.1	3773281	1.90E-03	2.90E-04	1.24E-04
3549	462917.5	3773408	2.92E-03	4.47E-04	1.92E-04
3550	462908.9	3773404	2.78E-03	4.25E-04	1.82E-04
3551	462900.4	3773401	2.64E-03	4.04E-04	1.73E-04
3552	462891.8	3773397	2.50E-03	3.82E-04	1.64E-04
3553	462883.3	3773394	2.36E-03	3.61E-04	1.55E-04
3554	462874.7	3773390	2.22E-03	3.40E-04	1.46E-04
3555	462866.2	3773387	2.08E-03	3.19E-04	1.37E-04
3556	462857.6	3773383	1.95E-03	2.99E-04	1.28E-04
3557	462849.1	3773380	1.83E-03	2.81E-04	1.20E-04
3558	462840.5	3773376	1.73E-03	2.65E-04	1.13E-04
3559	462832	3773373	1.63E-03	2.50E-04	1.07E-04
3560	462823.4	3773369	1.54E-03	2.36E-04	1.01E-04
3561	462814.8	3773366	1.45E-03	2.23E-04	9.54E-05
3562	462805.7	3773361	1.38E-03	2.11E-04	9.05E-05
3563	462802.1	3773352	1.40E-03	2.15E-04	9.21E-05
3564	462798.5	3773344	1.42E-03	2.18E-04	9.35E-05
3565	462794.9	3773335	1.44E-03	2.21E-04	9.47E-05
3566	462791.3	3773327	1.46E-03	2.24E-04	9.59E-05
3567	462787.7	3773318	1.49E-03	2.27E-04	9.75E-05
3568	462784.1	3773310	1.51E-03	2.31E-04	9.89E-05
3569	462780.5	3773301	1.52E-03	2.33E-04	9.99E-05
3570	462776.9	3773292	1.53E-03	2.34E-04	1.00E-04
3571	462773.3	3773284	1.53E-03	2.34E-04	1.00E-04
3572	462917.5	3773428	2.41E-03	3.69E-04	1.58E-04
3573	462908.8	3773424	2.30E-03	3.53E-04	1.51E-04
3574	462900.2	3773421	2.19E-03	3.35E-04	1.44E-04
3575	462891.6	3773417	2.08E-03	3.19E-04	1.37E-04
3576	462882.9	3773414	1.98E-03	3.03E-04	1.30E-04
3577	462874.3	3773410	1.88E-03	2.88E-04	1.23E-04
3578	462865.6	3773406	1.78E-03	2.73E-04	1.17E-04
3579	462857	3773403	1.68E-03	2.58E-04	1.10E-04
3580	462848.4	3773399	1.59E-03	2.43E-04	1.04E-04
3581	462839.7	3773396	1.50E-03	2.30E-04	9.86E-05
3582	462831.1	3773392	1.42E-03	2.17E-04	9.32E-05
3583	462822.5	3773389	1.34E-03	2.06E-04	8.82E-05
3584	462813.8	3773385	1.27E-03	1.95E-04	8.35E-05
3585	462805.2	3773382	1.21E-03	1.85E-04	7.92E-05
3586	462796.5	3773378	1.15E-03	1.76E-04	7.53E-05
3587	462789.8	3773371	1.13E-03	1.73E-04	7.43E-05

3588	462786.2	3773362	1.15E-03	1.77E-04	7.57E-05
3589	462782.5	3773353	1.17E-03	1.80E-04	7.70E-05
3590	462778.9	3773345	1.19E-03	1.82E-04	7.82E-05
3591	462775.3	3773336	1.21E-03	1.85E-04	7.93E-05
3592	462771.6	3773327	1.23E-03	1.88E-04	8.05E-05
3593	462768	3773319	1.24E-03	1.90E-04	8.15E-05
3594	462764.4	3773310	1.25E-03	1.92E-04	8.22E-05
3595	462760.7	3773302	1.26E-03	1.93E-04	8.26E-05
3596	462757.1	3773293	1.26E-03	1.93E-04	8.27E-05
3597	462753.5	3773284	1.26E-03	1.92E-04	8.25E-05
3598	462917.5	3773448	2.03E-03	3.11E-04	1.33E-04
3599	462908.9	3773444	1.95E-03	2.98E-04	1.28E-04
3600	462900.2	3773441	1.86E-03	2.85E-04	1.22E-04
3601	462891.6	3773437	1.77E-03	2.71E-04	1.16E-04
3602	462883	3773434	1.69E-03	2.59E-04	1.11E-04
3603	462874.4	3773430	1.61E-03	2.47E-04	1.06E-04
3604	462865.8	3773427	1.54E-03	2.35E-04	1.01E-04
3605	462857.1	3773423	1.46E-03	2.24E-04	9.61E-05
3606	462848.5	3773419	1.40E-03	2.14E-04	9.16E-05
3607	462839.9	3773416	1.33E-03	2.03E-04	8.71E-05
3608	462831.3	3773412	1.26E-03	1.93E-04	8.28E-05
3609	462822.7	3773409	1.20E-03	1.83E-04	7.87E-05
3610	462814.1	3773405	1.14E-03	1.74E-04	7.48E-05
3611	462805.4	3773402	1.08E-03	1.66E-04	7.11E-05
3612	462796.8	3773398	1.03E-03	1.58E-04	6.76E-05
3613	462788.2	3773395	9.81E-04	1.50E-04	6.44E-05
3614	462779.6	3773391	9.35E-04	1.43E-04	6.13E-05
3615	462774.5	3773382	9.42E-04	1.44E-04	6.18E-05
3616	462770.9	3773373	9.59E-04	1.47E-04	6.29E-05
3617	462767.3	3773365	9.76E-04	1.49E-04	6.40E-05
3618	462763.6	3773356	9.92E-04	1.52E-04	6.51E-05
3619	462760	3773348	1.01E-03	1.54E-04	6.61E-05
3620	462756.4	3773339	1.02E-03	1.57E-04	6.71E-05
3621	462752.8	3773330	1.04E-03	1.59E-04	6.80E-05
3622	462749.1	3773322	1.05E-03	1.60E-04	6.86E-05
3623	462745.5	3773313	1.05E-03	1.61E-04	6.89E-05
3624	462741.9	3773305	1.05E-03	1.61E-04	6.91E-05
3625	462738.3	3773296	1.05E-03	1.61E-04	6.91E-05
3626	462734.6	3773287	1.05E-03	1.61E-04	6.89E-05
3627	462900.3	3773461	1.59E-03	2.43E-04	1.04E-04
3628	462891.7	3773457	1.52E-03	2.33E-04	9.99E-05
3629	462883.1	3773454	1.46E-03	2.23E-04	9.56E-05
3630	462874.5	3773450	1.39E-03	2.13E-04	9.14E-05
3631	462865.9	3773447	1.33E-03	2.04E-04	8.75E-05
3632	462857.3	3773443	1.28E-03	1.95E-04	8.37E-05
3633	462848.7	3773439	1.22E-03	1.87E-04	8.01E-05
3634	462840.1	3773436	1.17E-03	1.79E-04	7.66E-05
3635	462831.5	3773432	1.12E-03	1.71E-04	7.32E-05
3636	462822.9	3773429	1.07E-03	1.63E-04	7.00E-05
3637	462814.2	3773425	1.02E-03	1.56E-04	6.69E-05
3638	462805.6	3773422	9.74E-04	1.49E-04	6.39E-05
3639	462797	3773418	9.31E-04	1.43E-04	6.11E-05

3640	462788.4	3773415	8.90E-04	1.36E-04	5.84E-05
3641	462779.8	3773411	8.50E-04	1.30E-04	5.58E-05
3642	462771.2	3773408	8.13E-04	1.24E-04	5.34E-05
3643	462762.9	3773402	7.87E-04	1.21E-04	5.17E-05
3644	462759.2	3773393	7.98E-04	1.22E-04	5.23E-05
3645	462755.6	3773385	8.09E-04	1.24E-04	5.31E-05
3646	462752	3773376	8.22E-04	1.26E-04	5.39E-05
3647	462748.4	3773368	8.35E-04	1.28E-04	5.48E-05
3648	462744.8	3773359	8.47E-04	1.30E-04	5.56E-05
3649	462741.1	3773350	8.59E-04	1.32E-04	5.64E-05
3650	462737.5	3773342	8.70E-04	1.33E-04	5.71E-05
3651	462733.9	3773333	8.81E-04	1.35E-04	5.78E-05
3652	462730.3	3773325	8.89E-04	1.36E-04	5.83E-05
3653	462726.7	3773316	8.91E-04	1.36E-04	5.85E-05
3654	462723.1	3773308	8.92E-04	1.37E-04	5.85E-05
3655	462719.4	3773299	8.91E-04	1.36E-04	5.85E-05
3656	462715.8	3773290	8.89E-04	1.36E-04	5.83E-05
3657	462712.2	3773282	8.83E-04	1.35E-04	5.79E-05
3658	462917.5	3773488	1.46E-03	2.24E-04	9.60E-05
3659	462848.8	3773460	1.08E-03	1.65E-04	7.09E-05
3660	462840.2	3773456	1.04E-03	1.59E-04	6.80E-05
3661	462831.6	3773452	9.93E-04	1.52E-04	6.51E-05
3662	462823	3773449	9.51E-04	1.46E-04	6.24E-05
3663	462814.4	3773445	9.10E-04	1.39E-04	5.97E-05
3664	462805.8	3773442	8.73E-04	1.34E-04	5.73E-05
3665	462797.2	3773438	8.37E-04	1.28E-04	5.49E-05
3666	462788.6	3773435	8.03E-04	1.23E-04	5.27E-05
3667	462780.1	3773431	7.71E-04	1.18E-04	5.06E-05
3668	462771.5	3773428	7.40E-04	1.13E-04	4.85E-05
3669	462762.9	3773424	7.11E-04	1.09E-04	4.66E-05
3670	462754.3	3773421	6.83E-04	1.05E-04	4.48E-05
3671	462747.6	3773413	6.76E-04	1.04E-04	4.44E-05
3672	462744	3773405	6.85E-04	1.05E-04	4.49E-05
3673	462740.4	3773396	6.93E-04	1.06E-04	4.55E-05
3674	462736.7	3773387	7.01E-04	1.07E-04	4.60E-05
3675	462733.1	3773379	7.12E-04	1.09E-04	4.67E-05
3676	462729.5	3773370	7.22E-04	1.10E-04	4.74E-05
3677	462725.9	3773362	7.32E-04	1.12E-04	4.80E-05
3678	462722.3	3773353	7.41E-04	1.13E-04	4.86E-05
3679	462718.7	3773345	7.48E-04	1.15E-04	4.91E-05
3680	462715.1	3773336	7.53E-04	1.15E-04	4.94E-05
3681	462711.4	3773328	7.57E-04	1.16E-04	4.97E-05
3682	462707.8	3773319	7.60E-04	1.16E-04	4.99E-05
3683	462704.2	3773310	7.61E-04	1.17E-04	5.00E-05
3684	462700.6	3773302	7.62E-04	1.17E-04	5.00E-05
3685	462697	3773293	7.61E-04	1.16E-04	4.99E-05
3686	462693.4	3773285	7.56E-04	1.16E-04	4.96E-05
3687	462917.5	3773508	1.26E-03	1.94E-04	8.30E-05
3688	462908.8	3773504	1.22E-03	1.87E-04	8.02E-05
3689	462900.2	3773501	1.18E-03	1.81E-04	7.77E-05
3690	462891.5	3773497	1.15E-03	1.75E-04	7.52E-05
3691	462882.9	3773494	1.11E-03	1.70E-04	7.28E-05

3692	462874.2	3773490	1.07E-03	1.64E-04	7.03E-05
3693	462796.4	3773458	7.56E-04	1.16E-04	4.96E-05
3694	462787.8	3773454	7.26E-04	1.11E-04	4.76E-05
3695	462779.1	3773451	6.96E-04	1.07E-04	4.57E-05
3696	462770.5	3773447	6.69E-04	1.02E-04	4.39E-05
3697	462761.8	3773444	6.44E-04	9.86E-05	4.23E-05
3698	462753.2	3773440	6.20E-04	9.49E-05	4.07E-05
3699	462744.6	3773437	5.97E-04	9.15E-05	3.92E-05
3700	462735.3	3773432	5.77E-04	8.84E-05	3.79E-05
3701	462731.7	3773423	5.86E-04	8.98E-05	3.85E-05
3702	462728	3773414	5.95E-04	9.11E-05	3.91E-05
3703	462724.4	3773406	6.02E-04	9.22E-05	3.95E-05
3704	462720.8	3773397	6.09E-04	9.32E-05	4.00E-05
3705	462717.1	3773389	6.15E-04	9.42E-05	4.04E-05
3706	462713.5	3773380	6.23E-04	9.54E-05	4.09E-05
3707	462709.8	3773371	6.32E-04	9.67E-05	4.15E-05
3708	462706.2	3773363	6.39E-04	9.79E-05	4.20E-05
3709	462702.6	3773354	6.46E-04	9.89E-05	4.24E-05
3710	462698.9	3773346	6.50E-04	9.95E-05	4.26E-05
3711	462695.3	3773337	6.53E-04	9.99E-05	4.28E-05
3712	462691.7	3773328	6.55E-04	1.00E-04	4.30E-05
3713	462688	3773320	6.57E-04	1.01E-04	4.31E-05
3714	462684.4	3773311	6.59E-04	1.01E-04	4.32E-05
3715	462680.7	3773302	6.59E-04	1.01E-04	4.33E-05
3716	462677.1	3773294	6.57E-04	1.01E-04	4.31E-05
3717	462673.5	3773285	6.52E-04	9.99E-05	4.28E-05
3718	462917.5	3773528	1.11E-03	1.69E-04	7.25E-05
3719	462908.8	3773524	1.07E-03	1.64E-04	7.04E-05
3720	462900.2	3773521	1.04E-03	1.59E-04	6.83E-05
3721	462891.6	3773517	1.01E-03	1.54E-04	6.62E-05
3722	462883	3773514	9.77E-04	1.50E-04	6.41E-05
3723	462874.3	3773510	9.45E-04	1.45E-04	6.20E-05
3724	462865.7	3773506	9.14E-04	1.40E-04	6.00E-05
3725	462857.1	3773503	8.84E-04	1.35E-04	5.80E-05
3726	462848.4	3773499	8.55E-04	1.31E-04	5.61E-05
3727	462839.8	3773496	8.26E-04	1.26E-04	5.42E-05
3728	462831.2	3773492	7.97E-04	1.22E-04	5.23E-05
3729	462822.5	3773489	7.69E-04	1.18E-04	5.05E-05
3730	462753.5	3773460	5.68E-04	8.70E-05	3.73E-05
3731	462744.8	3773457	5.48E-04	8.40E-05	3.60E-05
3732	462736.2	3773453	5.30E-04	8.11E-05	3.48E-05
3733	462727.6	3773450	5.12E-04	7.83E-05	3.36E-05
3734	462720	3773443	5.04E-04	7.71E-05	3.31E-05
3735	462716.4	3773434	5.11E-04	7.83E-05	3.36E-05
3736	462712.8	3773426	5.19E-04	7.94E-05	3.40E-05
3737	462709.1	3773417	5.26E-04	8.06E-05	3.45E-05
3738	462705.5	3773409	5.32E-04	8.15E-05	3.49E-05
3739	462701.9	3773400	5.38E-04	8.23E-05	3.53E-05
3740	462698.2	3773391	5.43E-04	8.32E-05	3.56E-05
3741	462694.6	3773383	5.49E-04	8.41E-05	3.60E-05
3742	462691	3773374	5.56E-04	8.50E-05	3.65E-05
3743	462687.3	3773366	5.62E-04	8.60E-05	3.69E-05

3744	462683.7	3773357	5.67E-04	8.68E-05	3.72E-05
3745	462680.1	3773348	5.70E-04	8.73E-05	3.74E-05
3746	462676.4	3773340	5.72E-04	8.76E-05	3.75E-05
3747	462672.8	3773331	5.73E-04	8.78E-05	3.76E-05
3748	462669.2	3773323	5.74E-04	8.79E-05	3.77E-05
3749	462665.6	3773314	5.75E-04	8.80E-05	3.77E-05
3750	462661.9	3773305	5.74E-04	8.79E-05	3.77E-05
3751	462658.3	3773297	5.71E-04	8.75E-05	3.75E-05
3752	462654.7	3773288	5.66E-04	8.67E-05	3.72E-05
3753	462917.5	3773548	9.70E-04	1.49E-04	6.37E-05
3754	462908.9	3773544	9.46E-04	1.45E-04	6.21E-05
3755	462900.2	3773541	9.21E-04	1.41E-04	6.04E-05
3756	462891.6	3773537	8.96E-04	1.37E-04	5.88E-05
3757	462883	3773534	8.70E-04	1.33E-04	5.71E-05
3758	462874.4	3773530	8.44E-04	1.29E-04	5.54E-05
3759	462865.8	3773527	8.18E-04	1.25E-04	5.37E-05
3760	462857.1	3773523	7.93E-04	1.21E-04	5.20E-05
3761	462848.5	3773519	7.67E-04	1.17E-04	5.03E-05
3762	462839.9	3773516	7.42E-04	1.14E-04	4.87E-05
3763	462831.3	3773512	7.17E-04	1.10E-04	4.70E-05
3764	462822.7	3773509	6.93E-04	1.06E-04	4.55E-05
3765	462814.1	3773505	6.70E-04	1.03E-04	4.40E-05
3766	462805.4	3773502	6.48E-04	9.92E-05	4.25E-05
3767	462796.8	3773498	6.26E-04	9.59E-05	4.11E-05
3768	462788.2	3773495	6.05E-04	9.26E-05	3.97E-05
3769	462779.6	3773491	5.84E-04	8.94E-05	3.83E-05
3770	462771	3773488	5.63E-04	8.62E-05	3.69E-05
3771	462704.7	3773454	4.43E-04	6.79E-05	2.91E-05
3772	462701.1	3773446	4.50E-04	6.88E-05	2.95E-05
3773	462697.5	3773437	4.56E-04	6.98E-05	2.99E-05
3774	462693.9	3773429	4.62E-04	7.07E-05	3.03E-05
3775	462690.2	3773420	4.67E-04	7.15E-05	3.06E-05
3776	462686.6	3773411	4.72E-04	7.22E-05	3.10E-05
3777	462683	3773403	4.77E-04	7.30E-05	3.13E-05
3778	462679.4	3773394	4.82E-04	7.38E-05	3.16E-05
3779	462675.7	3773386	4.87E-04	7.45E-05	3.20E-05
3780	462672.1	3773377	4.92E-04	7.54E-05	3.23E-05
3781	462668.5	3773368	4.97E-04	7.61E-05	3.26E-05
3782	462664.9	3773360	5.01E-04	7.66E-05	3.29E-05
3783	462661.2	3773351	5.03E-04	7.70E-05	3.30E-05
3784	462657.6	3773343	5.04E-04	7.72E-05	3.31E-05
3785	462654	3773334	5.05E-04	7.73E-05	3.32E-05
3786	462650.3	3773326	5.06E-04	7.74E-05	3.32E-05
3787	462646.7	3773317	5.05E-04	7.73E-05	3.31E-05
3788	462643.1	3773308	5.03E-04	7.70E-05	3.30E-05
3789	462639.5	3773300	5.00E-04	7.65E-05	3.28E-05
3790	462635.8	3773291	4.96E-04	7.59E-05	3.26E-05
3791	462917.5	3773578	8.10E-04	1.24E-04	5.31E-05
3792	462908.9	3773574	7.90E-04	1.21E-04	5.18E-05
3793	462900.3	3773571	7.70E-04	1.18E-04	5.06E-05
3794	462891.7	3773567	7.51E-04	1.15E-04	4.93E-05
3795	462883.1	3773564	7.32E-04	1.12E-04	4.80E-05

3796	462874.5	3773560	7.13E-04	1.09E-04	4.68E-05
3797	462865.9	3773557	6.95E-04	1.06E-04	4.56E-05
3798	462857.3	3773553	6.76E-04	1.03E-04	4.44E-05
3799	462848.7	3773549	6.57E-04	1.01E-04	4.31E-05
3800	462840.1	3773546	6.38E-04	9.76E-05	4.19E-05
3801	462831.5	3773542	6.18E-04	9.46E-05	4.06E-05
3802	462822.9	3773539	5.98E-04	9.16E-05	3.93E-05
3803	462814.2	3773535	5.80E-04	8.88E-05	3.81E-05
3804	462805.6	3773532	5.63E-04	8.61E-05	3.69E-05
3805	462797	3773528	5.46E-04	8.35E-05	3.58E-05
3806	462788.4	3773525	5.29E-04	8.10E-05	3.47E-05
3807	462779.8	3773521	5.13E-04	7.85E-05	3.37E-05
3808	462771.2	3773518	4.97E-04	7.61E-05	3.26E-05
3809	462762.6	3773514	4.82E-04	7.37E-05	3.16E-05
3810	462754	3773511	4.67E-04	7.15E-05	3.06E-05
3811	462745.4	3773507	4.53E-04	6.93E-05	2.97E-05
3812	462736.8	3773503	4.38E-04	6.71E-05	2.88E-05
3813	462728.2	3773500	4.25E-04	6.50E-05	2.79E-05
3814	462719.6	3773496	4.11E-04	6.30E-05	2.70E-05
3815	462711	3773493	3.99E-04	6.10E-05	2.62E-05
3816	462702.4	3773489	3.87E-04	5.92E-05	2.54E-05
3817	462674.6	3773454	3.81E-04	5.83E-05	2.50E-05
3818	462671	3773446	3.86E-04	5.90E-05	2.53E-05
3819	462667.3	3773437	3.89E-04	5.96E-05	2.56E-05
3820	462663.7	3773429	3.93E-04	6.02E-05	2.58E-05
3821	462660.1	3773420	3.97E-04	6.07E-05	2.60E-05
3822	462656.5	3773411	4.01E-04	6.14E-05	2.63E-05
3823	462652.9	3773403	4.05E-04	6.21E-05	2.66E-05
3824	462649.2	3773394	4.10E-04	6.27E-05	2.69E-05
3825	462645.6	3773386	4.14E-04	6.33E-05	2.71E-05
3826	462642	3773377	4.16E-04	6.37E-05	2.73E-05
3827	462638.4	3773369	4.18E-04	6.40E-05	2.74E-05
3828	462634.8	3773360	4.19E-04	6.42E-05	2.75E-05
3829	462631.1	3773351	4.21E-04	6.45E-05	2.76E-05
3830	462627.5	3773343	4.23E-04	6.47E-05	2.77E-05
3831	462605.8	3773291	4.14E-04	6.34E-05	2.72E-05
3832	462602.2	3773283	4.10E-04	6.28E-05	2.69E-05
3833	462598.6	3773274	4.05E-04	6.21E-05	2.66E-05
3834	462917.5	3773608	6.87E-04	1.05E-04	4.51E-05
3835	462908.8	3773604	6.72E-04	1.03E-04	4.41E-05
3836	462900.2	3773601	6.58E-04	1.01E-04	4.32E-05
3837	462891.6	3773597	6.43E-04	9.84E-05	4.22E-05
3838	462882.9	3773594	6.28E-04	9.61E-05	4.12E-05
3839	462874.3	3773590	6.12E-04	9.37E-05	4.02E-05
3840	462865.6	3773586	5.96E-04	9.12E-05	3.91E-05
3841	462857	3773583	5.80E-04	8.88E-05	3.81E-05
3842	462848.4	3773579	5.65E-04	8.65E-05	3.71E-05
3843	462839.7	3773576	5.51E-04	8.43E-05	3.62E-05
3844	462831.1	3773572	5.37E-04	8.22E-05	3.52E-05
3845	462822.5	3773569	5.23E-04	8.01E-05	3.43E-05
3846	462813.8	3773565	5.09E-04	7.79E-05	3.34E-05
3847	462805.2	3773562	4.95E-04	7.57E-05	3.25E-05

3848	462796.5	3773558	4.81E-04	7.36E-05	3.15E-05
3849	462787.9	3773554	4.67E-04	7.15E-05	3.06E-05
3850	462779.3	3773551	4.53E-04	6.94E-05	2.98E-05
3851	462770.6	3773547	4.40E-04	6.74E-05	2.89E-05
3852	462762	3773544	4.27E-04	6.54E-05	2.80E-05
3853	462753.3	3773540	4.15E-04	6.35E-05	2.72E-05
3854	462744.7	3773537	4.02E-04	6.16E-05	2.64E-05
3855	462736.1	3773533	3.91E-04	5.99E-05	2.57E-05
3856	462727.4	3773530	3.80E-04	5.81E-05	2.49E-05
3857	462718.8	3773526	3.69E-04	5.65E-05	2.42E-05
3858	462710.2	3773522	3.59E-04	5.49E-05	2.35E-05
3859	462701.5	3773519	3.49E-04	5.34E-05	2.29E-05
3860	462692.9	3773515	3.39E-04	5.19E-05	2.23E-05
3861	462684.2	3773512	3.30E-04	5.05E-05	2.17E-05
3862	462675.6	3773508	3.21E-04	4.92E-05	2.11E-05
3863	462667	3773505	3.13E-04	4.79E-05	2.05E-05
3864	462661.9	3773496	3.14E-04	4.81E-05	2.06E-05
3865	462647.4	3773461	3.28E-04	5.02E-05	2.15E-05
3866	462643.7	3773452	3.32E-04	5.07E-05	2.18E-05
3867	462640.1	3773444	3.35E-04	5.13E-05	2.20E-05
3868	462636.5	3773435	3.38E-04	5.17E-05	2.22E-05
3869	462632.8	3773427	3.41E-04	5.22E-05	2.24E-05
3870	462629.2	3773418	3.44E-04	5.26E-05	2.26E-05
3871	462607.4	3773366	3.58E-04	5.48E-05	2.35E-05
3872	462603.7	3773358	3.58E-04	5.49E-05	2.35E-05
3873	462600.1	3773349	3.59E-04	5.50E-05	2.36E-05
3874	462596.5	3773341	3.59E-04	5.50E-05	2.36E-05
3875	462592.8	3773332	3.59E-04	5.49E-05	2.35E-05
3876	462589.2	3773323	3.57E-04	5.47E-05	2.35E-05
3877	462585.6	3773315	3.56E-04	5.45E-05	2.34E-05
3878	462581.9	3773306	3.54E-04	5.42E-05	2.32E-05
3879	462578.3	3773298	3.52E-04	5.39E-05	2.31E-05
3880	462574.7	3773289	3.49E-04	5.34E-05	2.29E-05
3881	462571	3773280	3.46E-04	5.29E-05	2.27E-05
3882	462917.5	3773638	5.89E-04	9.02E-05	3.87E-05
3883	462908.9	3773634	5.76E-04	8.82E-05	3.78E-05
3884	462900.2	3773631	5.64E-04	8.64E-05	3.70E-05
3885	462891.6	3773627	5.52E-04	8.45E-05	3.62E-05
3886	462883	3773624	5.41E-04	8.28E-05	3.55E-05
3887	462874.4	3773620	5.29E-04	8.10E-05	3.47E-05
3888	462865.7	3773617	5.17E-04	7.92E-05	3.39E-05
3889	462857.1	3773613	5.05E-04	7.73E-05	3.31E-05
3890	462848.5	3773609	4.93E-04	7.55E-05	3.24E-05
3891	462839.9	3773606	4.81E-04	7.37E-05	3.16E-05
3892	462831.2	3773602	4.70E-04	7.19E-05	3.08E-05
3893	462822.6	3773599	4.58E-04	7.02E-05	3.01E-05
3894	462814	3773595	4.47E-04	6.84E-05	2.93E-05
3895	462805.4	3773592	4.36E-04	6.68E-05	2.86E-05
3896	462796.8	3773588	4.25E-04	6.51E-05	2.79E-05
3897	462788.1	3773585	4.15E-04	6.35E-05	2.72E-05
3898	462779.5	3773581	4.04E-04	6.19E-05	2.65E-05
3899	462770.9	3773577	3.94E-04	6.03E-05	2.59E-05

3900	462762.3	3773574	3.84E-04	5.88E-05	2.52E-05
3901	462753.6	3773570	3.74E-04	5.72E-05	2.45E-05
3902	462745	3773567	3.64E-04	5.57E-05	2.39E-05
3903	462736.4	3773563	3.54E-04	5.42E-05	2.32E-05
3904	462727.8	3773560	3.45E-04	5.27E-05	2.26E-05
3905	462719.1	3773556	3.35E-04	5.13E-05	2.20E-05
3906	462710.5	3773553	3.26E-04	4.99E-05	2.14E-05
3907	462701.9	3773549	3.17E-04	4.86E-05	2.08E-05
3908	462693.3	3773546	3.09E-04	4.73E-05	2.03E-05
3909	462684.6	3773542	3.00E-04	4.60E-05	1.97E-05
3910	462676	3773538	2.93E-04	4.48E-05	1.92E-05
3911	462667.4	3773535	2.85E-04	4.36E-05	1.87E-05
3912	462658.8	3773531	2.78E-04	4.26E-05	1.82E-05
3913	462650.2	3773528	2.71E-04	4.15E-05	1.78E-05
3914	462642.6	3773521	2.68E-04	4.11E-05	1.76E-05
3915	462639	3773513	2.71E-04	4.15E-05	1.78E-05
3916	462635.3	3773504	2.74E-04	4.20E-05	1.80E-05
3917	462631.7	3773495	2.77E-04	4.23E-05	1.82E-05
3918	462606.3	3773435	2.96E-04	4.53E-05	1.94E-05
3919	462602.7	3773427	2.98E-04	4.56E-05	1.95E-05
3920	462599.1	3773418	3.00E-04	4.59E-05	1.97E-05
3921	462595.4	3773409	3.02E-04	4.62E-05	1.98E-05
3922	462591.8	3773401	3.04E-04	4.65E-05	1.99E-05
3923	462588.2	3773392	3.05E-04	4.67E-05	2.00E-05
3924	462584.6	3773384	3.06E-04	4.69E-05	2.01E-05
3925	462580.9	3773375	3.07E-04	4.70E-05	2.02E-05
3926	462577.3	3773366	3.08E-04	4.72E-05	2.02E-05
3927	462573.7	3773358	3.09E-04	4.73E-05	2.03E-05
3928	462570	3773349	3.09E-04	4.73E-05	2.03E-05
3929	462566.4	3773341	3.08E-04	4.72E-05	2.02E-05
3930	462562.8	3773332	3.07E-04	4.70E-05	2.02E-05
3931	462559.2	3773324	3.06E-04	4.68E-05	2.01E-05
3932	462555.5	3773315	3.05E-04	4.67E-05	2.00E-05
3933	462551.9	3773306	3.03E-04	4.65E-05	1.99E-05
3934	462548.3	3773298	3.02E-04	4.62E-05	1.98E-05
3935	462544.7	3773289	2.99E-04	4.58E-05	1.96E-05
3936	462541	3773281	2.96E-04	4.53E-05	1.94E-05
3937	462917.5	3773668	5.12E-04	7.84E-05	3.36E-05
3938	462908.8	3773664	5.02E-04	7.69E-05	3.30E-05
3939	462900.2	3773661	4.93E-04	7.54E-05	3.23E-05
3940	462891.5	3773657	4.83E-04	7.39E-05	3.17E-05
3941	462882.9	3773654	4.73E-04	7.25E-05	3.11E-05
3942	462874.2	3773650	4.63E-04	7.09E-05	3.04E-05
3943	462865.6	3773646	4.53E-04	6.93E-05	2.97E-05
3944	462856.9	3773643	4.43E-04	6.78E-05	2.91E-05
3945	462848.3	3773639	4.34E-04	6.64E-05	2.85E-05
3946	462839.6	3773636	4.25E-04	6.50E-05	2.79E-05
3947	462830.9	3773632	4.16E-04	6.36E-05	2.73E-05
3948	462822.3	3773629	4.07E-04	6.23E-05	2.67E-05
3949	462813.6	3773625	3.98E-04	6.09E-05	2.61E-05
3950	462805	3773622	3.89E-04	5.95E-05	2.55E-05
3951	462796.3	3773618	3.79E-04	5.81E-05	2.49E-05

3952	462787.7	3773614	3.71E-04	5.67E-05	2.43E-05
3953	462779	3773611	3.62E-04	5.54E-05	2.37E-05
3954	462770.4	3773607	3.53E-04	5.40E-05	2.32E-05
3955	462761.7	3773604	3.44E-04	5.27E-05	2.26E-05
3956	462753.1	3773600	3.36E-04	5.14E-05	2.20E-05
3957	462744.4	3773597	3.27E-04	5.01E-05	2.15E-05
3958	462735.8	3773593	3.19E-04	4.89E-05	2.10E-05
3959	462727.1	3773589	3.11E-04	4.77E-05	2.04E-05
3960	462718.5	3773586	3.04E-04	4.65E-05	1.99E-05
3961	462709.8	3773582	2.96E-04	4.54E-05	1.94E-05
3962	462701.2	3773579	2.89E-04	4.42E-05	1.90E-05
3963	462692.5	3773575	2.82E-04	4.32E-05	1.85E-05
3964	462683.9	3773572	2.75E-04	4.21E-05	1.81E-05
3965	462675.2	3773568	2.68E-04	4.11E-05	1.76E-05
3966	462666.6	3773565	2.62E-04	4.01E-05	1.72E-05
3967	462657.9	3773561	2.56E-04	3.91E-05	1.68E-05
3968	462649.2	3773557	2.49E-04	3.82E-05	1.64E-05
3969	462640.6	3773554	2.43E-04	3.73E-05	1.60E-05
3970	462631.9	3773550	2.38E-04	3.64E-05	1.56E-05
3971	462604.5	3773502	2.44E-04	3.73E-05	1.60E-05
3972	462600.8	3773494	2.46E-04	3.76E-05	1.61E-05
3973	462597.2	3773485	2.48E-04	3.80E-05	1.63E-05
3974	462586.3	3773459	2.55E-04	3.90E-05	1.67E-05
3975	462582.6	3773450	2.57E-04	3.94E-05	1.69E-05
3976	462579	3773442	2.59E-04	3.97E-05	1.70E-05
3977	462575.4	3773433	2.61E-04	3.99E-05	1.71E-05
3978	462571.7	3773425	2.62E-04	4.02E-05	1.72E-05
3979	462568.1	3773416	2.64E-04	4.04E-05	1.73E-05
3980	462564.4	3773407	2.65E-04	4.06E-05	1.74E-05
3981	462560.8	3773399	2.66E-04	4.07E-05	1.75E-05
3982	462557.2	3773390	2.67E-04	4.09E-05	1.75E-05
3983	462553.5	3773382	2.68E-04	4.10E-05	1.76E-05
3984	462549.9	3773373	2.69E-04	4.11E-05	1.76E-05
3985	462546.2	3773364	2.69E-04	4.12E-05	1.77E-05
3986	462542.6	3773356	2.69E-04	4.12E-05	1.77E-05
3987	462539	3773347	2.69E-04	4.11E-05	1.76E-05
3988	462535.3	3773338	2.68E-04	4.10E-05	1.76E-05
3989	462531.7	3773330	2.66E-04	4.08E-05	1.75E-05
3990	462528.1	3773321	2.65E-04	4.06E-05	1.74E-05
3991	462524.4	3773313	2.64E-04	4.04E-05	1.73E-05
3992	462520.8	3773304	2.62E-04	4.02E-05	1.72E-05
3993	462517.1	3773295	2.61E-04	3.99E-05	1.71E-05
3994	462513.5	3773287	2.58E-04	3.95E-05	1.69E-05
3995	462509.9	3773278	2.55E-04	3.91E-05	1.68E-05
3996	462917.5	3773698	4.49E-04	6.87E-05	2.95E-05
3997	462908.8	3773694	4.41E-04	6.75E-05	2.90E-05
3998	462900.2	3773691	4.33E-04	6.62E-05	2.84E-05
3999	462891.6	3773687	4.24E-04	6.49E-05	2.78E-05
4000	462882.9	3773684	4.16E-04	6.36E-05	2.73E-05
4001	462874.3	3773680	4.08E-04	6.24E-05	2.68E-05
4002	462865.6	3773676	4.00E-04	6.12E-05	2.63E-05
4003	462857	3773673	3.92E-04	6.00E-05	2.57E-05

4004	462848.4	3773669	3.84E-04	5.88E-05	2.52E-05
4005	462839.7	3773666	3.77E-04	5.76E-05	2.47E-05
4006	462831.1	3773662	3.69E-04	5.65E-05	2.42E-05
4007	462822.5	3773659	3.61E-04	5.53E-05	2.37E-05
4008	462813.8	3773655	3.54E-04	5.42E-05	2.32E-05
4009	462805.2	3773652	3.47E-04	5.31E-05	2.28E-05
4010	462796.5	3773648	3.40E-04	5.20E-05	2.23E-05
4011	462787.9	3773644	3.33E-04	5.09E-05	2.18E-05
4012	462779.3	3773641	3.26E-04	4.99E-05	2.14E-05
4013	462770.6	3773637	3.19E-04	4.88E-05	2.09E-05
4014	462762	3773634	3.12E-04	4.78E-05	2.05E-05
4015	462753.3	3773630	3.05E-04	4.67E-05	2.00E-05
4016	462744.7	3773627	2.98E-04	4.57E-05	1.96E-05
4017	462736.1	3773623	2.91E-04	4.46E-05	1.91E-05
4018	462727.4	3773620	2.85E-04	4.36E-05	1.87E-05
4019	462718.8	3773616	2.78E-04	4.26E-05	1.82E-05
4020	462710.2	3773612	2.71E-04	4.15E-05	1.78E-05
4021	462701.5	3773609	2.65E-04	4.06E-05	1.74E-05
4022	462692.9	3773605	2.59E-04	3.96E-05	1.70E-05
4023	462684.2	3773602	2.53E-04	3.87E-05	1.66E-05
4024	462675.6	3773598	2.47E-04	3.78E-05	1.62E-05
4025	462667	3773595	2.41E-04	3.69E-05	1.58E-05
4026	462658.3	3773591	2.35E-04	3.61E-05	1.55E-05
4027	462649.7	3773588	2.30E-04	3.52E-05	1.51E-05
4028	462641	3773584	2.25E-04	3.45E-05	1.48E-05
4029	462632.4	3773580	2.20E-04	3.37E-05	1.45E-05
4030	462606.5	3773570	2.06E-04	3.16E-05	1.35E-05
4031	462599.8	3773562	2.05E-04	3.14E-05	1.35E-05
4032	462596.1	3773554	2.07E-04	3.17E-05	1.36E-05
4033	462592.5	3773545	2.08E-04	3.19E-05	1.37E-05
4034	462581.6	3773519	2.14E-04	3.28E-05	1.40E-05
4035	462577.9	3773511	2.16E-04	3.31E-05	1.42E-05
4036	462574.3	3773502	2.18E-04	3.33E-05	1.43E-05
4037	462570.7	3773493	2.19E-04	3.36E-05	1.44E-05
4038	462567	3773485	2.21E-04	3.38E-05	1.45E-05
4039	462556.1	3773459	2.26E-04	3.47E-05	1.49E-05
4040	462552.5	3773450	2.28E-04	3.49E-05	1.49E-05
4041	462548.9	3773442	2.29E-04	3.51E-05	1.50E-05
4042	462545.2	3773433	2.31E-04	3.53E-05	1.52E-05
4043	462541.6	3773425	2.32E-04	3.56E-05	1.53E-05
4044	462538	3773416	2.34E-04	3.58E-05	1.53E-05
4045	462534.3	3773407	2.35E-04	3.59E-05	1.54E-05
4046	462530.7	3773399	2.35E-04	3.60E-05	1.54E-05
4047	462527.1	3773390	2.35E-04	3.61E-05	1.55E-05
4048	462523.4	3773382	2.36E-04	3.61E-05	1.55E-05
4049	462519.8	3773373	2.36E-04	3.62E-05	1.55E-05
4050	462516.2	3773364	2.36E-04	3.62E-05	1.55E-05
4051	462512.5	3773356	2.36E-04	3.62E-05	1.55E-05
4052	462508.9	3773347	2.36E-04	3.61E-05	1.55E-05
4053	462505.3	3773339	2.35E-04	3.59E-05	1.54E-05
4054	462501.6	3773330	2.33E-04	3.57E-05	1.53E-05
4055	462498	3773321	2.32E-04	3.55E-05	1.52E-05

4056	462494.4	3773313	2.31E-04	3.53E-05	1.52E-05
4057	462490.7	3773304	2.30E-04	3.51E-05	1.51E-05
4058	462487.1	3773296	2.28E-04	3.49E-05	1.49E-05
4059	462483.5	3773287	2.25E-04	3.45E-05	1.48E-05
4060	462479.8	3773278	2.23E-04	3.42E-05	1.46E-05
4061	462917.5	3773728	3.96E-04	6.06E-05	2.60E-05
4062	462908.9	3773724	3.89E-04	5.96E-05	2.56E-05
4063	462900.2	3773721	3.83E-04	5.86E-05	2.51E-05
4064	462891.6	3773717	3.76E-04	5.76E-05	2.47E-05
4065	462883	3773714	3.70E-04	5.66E-05	2.43E-05
4066	462874.3	3773710	3.63E-04	5.56E-05	2.38E-05
4067	462865.7	3773707	3.57E-04	5.46E-05	2.34E-05
4068	462857.1	3773703	3.51E-04	5.37E-05	2.30E-05
4069	462848.5	3773699	3.44E-04	5.27E-05	2.26E-05
4070	462839.8	3773696	3.38E-04	5.17E-05	2.22E-05
4071	462831.2	3773692	3.32E-04	5.08E-05	2.18E-05
4072	462822.6	3773689	3.25E-04	4.98E-05	2.14E-05
4073	462814	3773685	3.19E-04	4.89E-05	2.09E-05
4074	462805.3	3773682	3.13E-04	4.79E-05	2.05E-05
4075	462796.7	3773678	3.07E-04	4.70E-05	2.01E-05
4076	462788.1	3773675	3.01E-04	4.61E-05	1.97E-05
4077	462779.5	3773671	2.95E-04	4.51E-05	1.94E-05
4078	462770.8	3773667	2.89E-04	4.42E-05	1.90E-05
4079	462762.2	3773664	2.83E-04	4.33E-05	1.86E-05
4080	462753.6	3773660	2.77E-04	4.24E-05	1.82E-05
4081	462745	3773657	2.71E-04	4.15E-05	1.78E-05
4082	462736.3	3773653	2.66E-04	4.07E-05	1.74E-05
4083	462727.7	3773650	2.60E-04	3.98E-05	1.71E-05
4084	462719.1	3773646	2.55E-04	3.90E-05	1.67E-05
4085	462710.5	3773643	2.49E-04	3.82E-05	1.64E-05
4086	462701.8	3773639	2.44E-04	3.73E-05	1.60E-05
4087	462693.2	3773636	2.39E-04	3.65E-05	1.57E-05
4088	462684.6	3773632	2.34E-04	3.58E-05	1.53E-05
4089	462675.9	3773628	2.29E-04	3.50E-05	1.50E-05
4090	462667.3	3773625	2.24E-04	3.42E-05	1.47E-05
4091	462658.7	3773621	2.19E-04	3.35E-05	1.44E-05
4092	462650.1	3773618	2.14E-04	3.28E-05	1.40E-05
4093	462641.4	3773614	2.09E-04	3.20E-05	1.37E-05
4094	462632.8	3773611	2.05E-04	3.13E-05	1.34E-05
4095	462606.9	3773600	1.92E-04	2.94E-05	1.26E-05
4096	462598.3	3773596	1.88E-04	2.88E-05	1.23E-05
4097	462589.7	3773593	1.84E-04	2.82E-05	1.21E-05
4098	462580.5	3773588	1.81E-04	2.77E-05	1.19E-05
4099	462576.8	3773579	1.83E-04	2.79E-05	1.20E-05
4100	462573.2	3773571	1.84E-04	2.82E-05	1.21E-05
4101	462569.6	3773562	1.86E-04	2.84E-05	1.22E-05
4102	462565.9	3773554	1.87E-04	2.86E-05	1.23E-05
4103	462562.3	3773545	1.88E-04	2.88E-05	1.24E-05
4104	462551.4	3773519	1.92E-04	2.94E-05	1.26E-05
4105	462547.8	3773511	1.94E-04	2.96E-05	1.27E-05
4106	462544.2	3773502	1.95E-04	2.99E-05	1.28E-05
4107	462540.5	3773493	1.97E-04	3.01E-05	1.29E-05

4108	462526	3773459	2.03E-04	3.11E-05	1.33E-05
4109	462522.4	3773450	2.04E-04	3.12E-05	1.34E-05
4110	462518.8	3773442	2.05E-04	3.14E-05	1.35E-05
4111	462515.1	3773433	2.06E-04	3.16E-05	1.35E-05
4112	462511.5	3773425	2.08E-04	3.18E-05	1.36E-05
4113	462507.9	3773416	2.09E-04	3.19E-05	1.37E-05
4114	462504.3	3773407	2.09E-04	3.20E-05	1.37E-05
4115	462500.6	3773399	2.09E-04	3.20E-05	1.37E-05
4116	462497	3773390	2.09E-04	3.20E-05	1.37E-05
4117	462493.4	3773382	2.09E-04	3.21E-05	1.37E-05
4118	462489.7	3773373	2.09E-04	3.21E-05	1.37E-05
4119	462486.1	3773364	2.09E-04	3.21E-05	1.37E-05
4120	462482.5	3773356	2.09E-04	3.20E-05	1.37E-05
4121	462478.9	3773347	2.08E-04	3.19E-05	1.37E-05
4122	462475.2	3773339	2.07E-04	3.17E-05	1.36E-05
4123	462471.6	3773330	2.06E-04	3.15E-05	1.35E-05
4124	462468	3773322	2.05E-04	3.13E-05	1.34E-05
4125	462464.3	3773313	2.03E-04	3.11E-05	1.33E-05
4126	462460.7	3773304	2.02E-04	3.09E-05	1.32E-05
4127	462457.1	3773296	2.00E-04	3.06E-05	1.31E-05
4128	462453.4	3773287	1.98E-04	3.04E-05	1.30E-05
4129	462449.8	3773279	1.97E-04	3.01E-05	1.29E-05
4130	462917.5	3773758	3.53E-04	5.40E-05	2.32E-05
4131	462908.8	3773754	3.48E-04	5.32E-05	2.28E-05
4132	462900.2	3773751	3.42E-04	5.24E-05	2.25E-05
4133	462891.5	3773747	3.37E-04	5.16E-05	2.21E-05
4134	462882.9	3773744	3.32E-04	5.08E-05	2.18E-05
4135	462874.2	3773740	3.26E-04	4.99E-05	2.14E-05
4136	462865.6	3773736	3.20E-04	4.90E-05	2.10E-05
4137	462856.9	3773733	3.15E-04	4.82E-05	2.06E-05
4138	462848.3	3773729	3.09E-04	4.73E-05	2.03E-05
4139	462839.6	3773726	3.04E-04	4.66E-05	2.00E-05
4140	462831	3773722	2.99E-04	4.58E-05	1.96E-05
4141	462822.3	3773719	2.94E-04	4.50E-05	1.93E-05
4142	462813.7	3773715	2.89E-04	4.43E-05	1.90E-05
4143	462805	3773712	2.84E-04	4.35E-05	1.86E-05
4144	462796.4	3773708	2.79E-04	4.27E-05	1.83E-05
4145	462787.7	3773704	2.74E-04	4.19E-05	1.80E-05
4146	462779.1	3773701	2.68E-04	4.11E-05	1.76E-05
4147	462770.4	3773697	2.63E-04	4.03E-05	1.73E-05
4148	462761.8	3773694	2.58E-04	3.95E-05	1.69E-05
4149	462753.1	3773690	2.53E-04	3.88E-05	1.66E-05
4150	462744.5	3773687	2.49E-04	3.81E-05	1.63E-05
4151	462735.8	3773683	2.44E-04	3.73E-05	1.60E-05
4152	462727.2	3773679	2.39E-04	3.66E-05	1.57E-05
4153	462718.5	3773676	2.34E-04	3.58E-05	1.54E-05
4154	462709.9	3773672	2.29E-04	3.51E-05	1.50E-05
4155	462701.2	3773669	2.25E-04	3.44E-05	1.47E-05
4156	462692.6	3773665	2.20E-04	3.37E-05	1.44E-05
4157	462683.9	3773662	2.15E-04	3.30E-05	1.41E-05
4158	462675.3	3773658	2.11E-04	3.23E-05	1.38E-05
4159	462666.6	3773655	2.07E-04	3.16E-05	1.36E-05

4160	462658	3773651	2.02E-04	3.10E-05	1.33E-05
4161	462649.3	3773647	1.98E-04	3.04E-05	1.30E-05
4162	462640.7	3773644	1.94E-04	2.98E-05	1.28E-05
4163	462632	3773640	1.91E-04	2.92E-05	1.25E-05
4164	462606.1	3773630	1.80E-04	2.75E-05	1.18E-05
4165	462597.4	3773626	1.76E-04	2.69E-05	1.16E-05
4166	462588.8	3773623	1.73E-04	2.64E-05	1.13E-05
4167	462580.1	3773619	1.69E-04	2.59E-05	1.11E-05
4168	462571.5	3773615	1.66E-04	2.54E-05	1.09E-05
4169	462562.8	3773612	1.63E-04	2.49E-05	1.07E-05
4170	462556.9	3773603	1.63E-04	2.49E-05	1.07E-05
4171	462553.3	3773595	1.64E-04	2.51E-05	1.07E-05
4172	462549.6	3773586	1.65E-04	2.53E-05	1.08E-05
4173	462546	3773578	1.66E-04	2.55E-05	1.09E-05
4174	462542.4	3773569	1.68E-04	2.56E-05	1.10E-05
4175	462538.7	3773560	1.69E-04	2.58E-05	1.11E-05
4176	462520.5	3773517	1.75E-04	2.67E-05	1.15E-05
4177	462516.9	3773509	1.76E-04	2.69E-05	1.15E-05
4178	462513.2	3773500	1.77E-04	2.71E-05	1.16E-05
4179	462509.6	3773491	1.79E-04	2.73E-05	1.17E-05
4180	462495.1	3773457	1.83E-04	2.80E-05	1.20E-05
4181	462491.4	3773448	1.84E-04	2.82E-05	1.21E-05
4182	462487.8	3773440	1.85E-04	2.83E-05	1.21E-05
4183	462484.1	3773431	1.86E-04	2.84E-05	1.22E-05
4184	462480.5	3773423	1.87E-04	2.86E-05	1.22E-05
4185	462476.9	3773414	1.87E-04	2.86E-05	1.23E-05
4186	462473.2	3773405	1.87E-04	2.87E-05	1.23E-05
4187	462469.6	3773397	1.87E-04	2.87E-05	1.23E-05
4188	462465.9	3773388	1.87E-04	2.86E-05	1.23E-05
4189	462462.3	3773379	1.87E-04	2.86E-05	1.23E-05
4190	462458.7	3773371	1.87E-04	2.86E-05	1.23E-05
4191	462455	3773362	1.87E-04	2.86E-05	1.22E-05
4192	462451.4	3773354	1.86E-04	2.85E-05	1.22E-05
4193	462447.7	3773345	1.85E-04	2.83E-05	1.21E-05
4194	462444.1	3773336	1.84E-04	2.82E-05	1.21E-05
4195	462440.5	3773328	1.83E-04	2.80E-05	1.20E-05
4196	462436.8	3773319	1.82E-04	2.78E-05	1.19E-05
4197	462433.2	3773311	1.80E-04	2.76E-05	1.18E-05
4198	462429.6	3773302	1.79E-04	2.74E-05	1.17E-05
4199	462425.9	3773293	1.77E-04	2.72E-05	1.16E-05
4200	462422.3	3773285	1.76E-04	2.70E-05	1.16E-05
4201	462418.6	3773276	1.75E-04	2.68E-05	1.15E-05
4202	462917.5	3773788	3.16E-04	4.84E-05	2.08E-05
4203	462908.8	3773784	3.12E-04	4.77E-05	2.05E-05
4204	462900.2	3773781	3.07E-04	4.70E-05	2.01E-05
4205	462891.6	3773777	3.02E-04	4.63E-05	1.98E-05
4206	462882.9	3773774	2.98E-04	4.56E-05	1.95E-05
4207	462874.3	3773770	2.93E-04	4.49E-05	1.93E-05
4208	462865.6	3773766	2.89E-04	4.42E-05	1.90E-05
4209	462857	3773763	2.84E-04	4.35E-05	1.86E-05
4210	462848.4	3773759	2.80E-04	4.28E-05	1.83E-05
4211	462839.7	3773756	2.75E-04	4.21E-05	1.81E-05

4212	462831.1	3773752	2.71E-04	4.14E-05	1.78E-05
4213	462822.5	3773749	2.66E-04	4.08E-05	1.75E-05
4214	462813.8	3773745	2.62E-04	4.01E-05	1.72E-05
4215	462805.2	3773742	2.58E-04	3.95E-05	1.69E-05
4216	462796.5	3773738	2.54E-04	3.88E-05	1.66E-05
4217	462787.9	3773734	2.49E-04	3.82E-05	1.64E-05
4218	462779.3	3773731	2.45E-04	3.75E-05	1.61E-05
4219	462770.6	3773727	2.41E-04	3.69E-05	1.58E-05
4220	462762	3773724	2.36E-04	3.62E-05	1.55E-05
4221	462753.3	3773720	2.32E-04	3.55E-05	1.52E-05
4222	462744.7	3773717	2.28E-04	3.49E-05	1.50E-05
4223	462736.1	3773713	2.24E-04	3.43E-05	1.47E-05
4224	462727.4	3773710	2.20E-04	3.37E-05	1.44E-05
4225	462718.8	3773706	2.16E-04	3.31E-05	1.42E-05
4226	462710.2	3773702	2.12E-04	3.25E-05	1.39E-05
4227	462701.5	3773699	2.08E-04	3.19E-05	1.37E-05
4228	462692.9	3773695	2.04E-04	3.13E-05	1.34E-05
4229	462684.2	3773692	2.00E-04	3.07E-05	1.32E-05
4230	462675.6	3773688	1.97E-04	3.01E-05	1.29E-05
4231	462667	3773685	1.93E-04	2.95E-05	1.27E-05
4232	462658.3	3773681	1.89E-04	2.90E-05	1.24E-05
4233	462649.7	3773678	1.85E-04	2.84E-05	1.22E-05
4234	462641	3773674	1.82E-04	2.78E-05	1.19E-05
4235	462632.4	3773670	1.78E-04	2.73E-05	1.17E-05
4236	462606.5	3773660	1.68E-04	2.57E-05	1.10E-05
4237	462597.9	3773656	1.65E-04	2.52E-05	1.08E-05
4238	462589.2	3773653	1.62E-04	2.48E-05	1.06E-05
4239	462580.6	3773649	1.59E-04	2.43E-05	1.04E-05
4240	462571.9	3773646	1.56E-04	2.39E-05	1.02E-05
4241	462563.3	3773642	1.53E-04	2.35E-05	1.01E-05
4242	462554.7	3773638	1.51E-04	2.30E-05	9.88E-06
4243	462546	3773635	1.48E-04	2.26E-05	9.71E-06
4244	462538.2	3773631	1.46E-04	2.24E-05	9.58E-06
4245	462520.1	3773588	1.51E-04	2.30E-05	9.88E-06
4246	462516.4	3773579	1.51E-04	2.32E-05	9.94E-06
4247	462512.8	3773570	1.52E-04	2.33E-05	1.00E-05
4248	462509.2	3773562	1.54E-04	2.35E-05	1.01E-05
4249	462505.5	3773553	1.55E-04	2.37E-05	1.02E-05
4250	462501.9	3773544	1.56E-04	2.39E-05	1.02E-05
4251	462491	3773519	1.59E-04	2.44E-05	1.04E-05
4252	462487.3	3773510	1.60E-04	2.45E-05	1.05E-05
4253	462483.7	3773501	1.61E-04	2.47E-05	1.06E-05
4254	462480.1	3773493	1.62E-04	2.48E-05	1.06E-05
4255	462465.5	3773458	1.66E-04	2.54E-05	1.09E-05
4256	462461.9	3773450	1.67E-04	2.55E-05	1.09E-05
4257	462458.3	3773441	1.67E-04	2.56E-05	1.10E-05
4258	462454.6	3773433	1.68E-04	2.57E-05	1.10E-05
4259	462451	3773424	1.68E-04	2.57E-05	1.10E-05
4260	462447.4	3773415	1.68E-04	2.58E-05	1.11E-05
4261	462443.7	3773407	1.68E-04	2.58E-05	1.11E-05
4262	462440.1	3773398	1.68E-04	2.58E-05	1.11E-05
4263	462436.5	3773390	1.68E-04	2.58E-05	1.11E-05

4264	462432.8	3773381	1.68E-04	2.57E-05	1.10E-05
4265	462429.2	3773372	1.68E-04	2.57E-05	1.10E-05
4266	462425.6	3773364	1.67E-04	2.56E-05	1.10E-05
4267	462421.9	3773355	1.66E-04	2.55E-05	1.09E-05
4268	462418.3	3773347	1.66E-04	2.54E-05	1.09E-05
4269	462414.7	3773338	1.65E-04	2.53E-05	1.08E-05
4270	462411	3773329	1.64E-04	2.51E-05	1.08E-05
4271	462407.4	3773321	1.63E-04	2.50E-05	1.07E-05
4272	462403.8	3773312	1.62E-04	2.48E-05	1.06E-05
4273	462400.1	3773304	1.61E-04	2.46E-05	1.05E-05
4274	462396.5	3773295	1.59E-04	2.44E-05	1.05E-05
4275	462917.5	3773818	2.86E-04	4.38E-05	1.88E-05
4276	462908.8	3773814	2.82E-04	4.32E-05	1.85E-05
4277	462900.2	3773811	2.78E-04	4.26E-05	1.83E-05
4278	462891.6	3773807	2.74E-04	4.20E-05	1.80E-05
4279	462883	3773804	2.70E-04	4.14E-05	1.77E-05
4280	462874.3	3773800	2.67E-04	4.08E-05	1.75E-05
4281	462865.7	3773796	2.63E-04	4.02E-05	1.72E-05
4282	462857.1	3773793	2.59E-04	3.96E-05	1.70E-05
4283	462848.5	3773789	2.55E-04	3.90E-05	1.67E-05
4284	462839.8	3773786	2.51E-04	3.84E-05	1.65E-05
4285	462831.2	3773782	2.47E-04	3.78E-05	1.62E-05
4286	462822.6	3773779	2.43E-04	3.73E-05	1.60E-05
4287	462813.9	3773775	2.40E-04	3.67E-05	1.57E-05
4288	462805.3	3773772	2.36E-04	3.61E-05	1.55E-05
4289	462796.7	3773768	2.32E-04	3.56E-05	1.53E-05
4290	462788.1	3773765	2.29E-04	3.50E-05	1.50E-05
4291	462779.4	3773761	2.25E-04	3.45E-05	1.48E-05
4292	462770.8	3773757	2.22E-04	3.39E-05	1.45E-05
4293	462762.2	3773754	2.18E-04	3.34E-05	1.43E-05
4294	462753.5	3773750	2.14E-04	3.28E-05	1.41E-05
4295	462744.9	3773747	2.11E-04	3.23E-05	1.38E-05
4296	462736.3	3773743	2.07E-04	3.17E-05	1.36E-05
4297	462727.7	3773740	2.04E-04	3.12E-05	1.34E-05
4298	462719	3773736	2.00E-04	3.06E-05	1.31E-05
4299	462710.4	3773733	1.97E-04	3.01E-05	1.29E-05
4300	462701.8	3773729	1.93E-04	2.96E-05	1.27E-05
4301	462693.1	3773725	1.90E-04	2.90E-05	1.25E-05
4302	462684.5	3773722	1.86E-04	2.85E-05	1.22E-05
4303	462675.9	3773718	1.83E-04	2.80E-05	1.20E-05
4304	462667.3	3773715	1.80E-04	2.75E-05	1.18E-05
4305	462658.6	3773711	1.77E-04	2.70E-05	1.16E-05
4306	462650	3773708	1.73E-04	2.65E-05	1.14E-05
4307	462641.4	3773704	1.70E-04	2.61E-05	1.12E-05
4308	462632.8	3773701	1.67E-04	2.56E-05	1.10E-05
4309	462606.9	3773690	1.58E-04	2.43E-05	1.04E-05
4310	462598.2	3773686	1.56E-04	2.38E-05	1.02E-05
4311	462589.6	3773683	1.53E-04	2.34E-05	1.00E-05
4312	462581	3773679	1.50E-04	2.30E-05	9.84E-06
4313	462572.4	3773676	1.47E-04	2.25E-05	9.67E-06
4314	462563.7	3773672	1.45E-04	2.21E-05	9.49E-06
4315	462555.1	3773669	1.42E-04	2.18E-05	9.33E-06

4316	462546.5	3773665	1.40E-04	2.14E-05	9.17E-06
4317	462537.8	3773662	1.37E-04	2.10E-05	9.01E-06
4318	462529.2	3773658	1.35E-04	2.07E-05	8.86E-06
4319	462520.6	3773654	1.33E-04	2.03E-05	8.71E-06
4320	462514.7	3773646	1.33E-04	2.03E-05	8.71E-06
4321	462511.1	3773638	1.34E-04	2.04E-05	8.76E-06
4322	462507.4	3773629	1.34E-04	2.06E-05	8.82E-06
4323	462500.2	3773612	1.36E-04	2.08E-05	8.92E-06
4324	462496.5	3773603	1.37E-04	2.10E-05	8.98E-06
4325	462492.9	3773595	1.38E-04	2.11E-05	9.04E-06
4326	462489.3	3773586	1.39E-04	2.12E-05	9.10E-06
4327	462485.6	3773577	1.39E-04	2.13E-05	9.15E-06
4328	462482	3773569	1.40E-04	2.15E-05	9.20E-06
4329	462478.4	3773560	1.41E-04	2.16E-05	9.27E-06
4330	462474.8	3773552	1.42E-04	2.18E-05	9.34E-06
4331	462471.1	3773543	1.43E-04	2.19E-05	9.41E-06
4332	462460.2	3773517	1.46E-04	2.23E-05	9.57E-06
4333	462456.6	3773509	1.47E-04	2.25E-05	9.63E-06
4334	462453	3773500	1.48E-04	2.26E-05	9.68E-06
4335	462449.4	3773491	1.48E-04	2.27E-05	9.74E-06
4336	462434.8	3773457	1.51E-04	2.31E-05	9.90E-06
4337	462431.2	3773448	1.52E-04	2.32E-05	9.94E-06
4338	462427.6	3773440	1.52E-04	2.33E-05	9.97E-06
4339	462423.9	3773431	1.52E-04	2.33E-05	9.99E-06
4340	462420.3	3773423	1.52E-04	2.33E-05	9.99E-06
4341	462416.7	3773414	1.52E-04	2.33E-05	1.00E-05
4342	462413.1	3773405	1.52E-04	2.33E-05	1.00E-05
4343	462409.4	3773397	1.52E-04	2.33E-05	1.00E-05
4344	462405.8	3773388	1.52E-04	2.33E-05	1.00E-05
4345	462402.2	3773380	1.52E-04	2.33E-05	9.97E-06
4346	462398.5	3773371	1.51E-04	2.32E-05	9.94E-06
4347	462917.5	3773848	2.60E-04	3.97E-05	1.70E-05
4348	462908.8	3773844	2.56E-04	3.92E-05	1.68E-05
4349	462900.2	3773841	2.53E-04	3.87E-05	1.66E-05
4350	462891.5	3773837	2.49E-04	3.81E-05	1.64E-05
4351	462882.9	3773834	2.46E-04	3.76E-05	1.61E-05
4352	462874.2	3773830	2.43E-04	3.71E-05	1.59E-05
4353	462865.6	3773826	2.39E-04	3.66E-05	1.57E-05
4354	462856.9	3773823	2.36E-04	3.62E-05	1.55E-05
4355	462848.3	3773819	2.33E-04	3.57E-05	1.53E-05
4356	462839.6	3773816	2.30E-04	3.51E-05	1.51E-05
4357	462831	3773812	2.26E-04	3.46E-05	1.48E-05
4358	462822.3	3773809	2.23E-04	3.41E-05	1.46E-05
4359	462813.7	3773805	2.19E-04	3.36E-05	1.44E-05
4360	462805	3773802	2.16E-04	3.31E-05	1.42E-05
4361	462796.4	3773798	2.13E-04	3.26E-05	1.40E-05
4362	462787.8	3773794	2.10E-04	3.22E-05	1.38E-05
4363	462779.1	3773791	2.07E-04	3.17E-05	1.36E-05
4364	462770.5	3773787	2.04E-04	3.13E-05	1.34E-05
4365	462761.8	3773784	2.01E-04	3.08E-05	1.32E-05
4366	462753.2	3773780	1.98E-04	3.04E-05	1.30E-05
4367	462744.5	3773777	1.95E-04	2.99E-05	1.28E-05

4368	462735.9	3773773	1.92E-04	2.94E-05	1.26E-05
4369	462727.2	3773770	1.89E-04	2.90E-05	1.24E-05
4370	462718.6	3773766	1.86E-04	2.85E-05	1.22E-05
4371	462709.9	3773762	1.83E-04	2.80E-05	1.20E-05
4372	462701.3	3773759	1.80E-04	2.75E-05	1.18E-05
4373	462692.6	3773755	1.77E-04	2.71E-05	1.16E-05
4374	462684	3773752	1.74E-04	2.66E-05	1.14E-05
4375	462675.3	3773748	1.71E-04	2.62E-05	1.12E-05
4376	462666.7	3773745	1.68E-04	2.58E-05	1.10E-05
4377	462658	3773741	1.65E-04	2.53E-05	1.09E-05
4378	462649.4	3773737	1.63E-04	2.49E-05	1.07E-05
4379	462640.7	3773734	1.60E-04	2.44E-05	1.05E-05
4380	462632.1	3773730	1.57E-04	2.40E-05	1.03E-05
4381	462606.1	3773720	1.49E-04	2.28E-05	9.76E-06
4382	462597.5	3773716	1.46E-04	2.24E-05	9.59E-06
4383	462588.8	3773713	1.44E-04	2.20E-05	9.43E-06
4384	462580.2	3773709	1.41E-04	2.16E-05	9.27E-06
4385	462571.5	3773705	1.39E-04	2.13E-05	9.12E-06
4386	462562.9	3773702	1.37E-04	2.09E-05	8.97E-06
4387	462554.2	3773698	1.34E-04	2.06E-05	8.82E-06
4388	462545.6	3773695	1.32E-04	2.02E-05	8.68E-06
4389	462537	3773691	1.30E-04	1.99E-05	8.53E-06
4390	462528.3	3773688	1.28E-04	1.96E-05	8.40E-06
4391	462519.7	3773684	1.26E-04	1.93E-05	8.26E-06
4392	462511	3773681	1.24E-04	1.89E-05	8.12E-06
4393	462502.4	3773677	1.22E-04	1.86E-05	7.99E-06
4394	462494.8	3773670	1.21E-04	1.85E-05	7.92E-06
4395	462491.1	3773662	1.21E-04	1.86E-05	7.97E-06
4396	462487.5	3773653	1.22E-04	1.87E-05	8.02E-06
4397	462483.9	3773644	1.23E-04	1.88E-05	8.06E-06
4398	462480.2	3773636	1.23E-04	1.89E-05	8.10E-06
4399	462476.6	3773627	1.24E-04	1.90E-05	8.14E-06
4400	462469.3	3773610	1.26E-04	1.93E-05	8.26E-06
4401	462465.7	3773601	1.27E-04	1.94E-05	8.31E-06
4402	462462	3773593	1.27E-04	1.95E-05	8.37E-06
4403	462458.4	3773584	1.28E-04	1.96E-05	8.41E-06
4404	462454.8	3773576	1.29E-04	1.97E-05	8.46E-06
4405	462451.1	3773567	1.30E-04	1.98E-05	8.50E-06
4406	462447.5	3773558	1.31E-04	2.00E-05	8.57E-06
4407	462443.8	3773550	1.31E-04	2.01E-05	8.62E-06
4408	462440.2	3773541	1.32E-04	2.03E-05	8.68E-06
4409	462432.9	3773524	1.34E-04	2.05E-05	8.78E-06
4410	462429.3	3773515	1.34E-04	2.06E-05	8.82E-06
4411	462425.7	3773507	1.35E-04	2.07E-05	8.86E-06
4412	462422	3773498	1.36E-04	2.08E-05	8.90E-06
4413	462418.4	3773489	1.36E-04	2.08E-05	8.93E-06
4414	462403.8	3773455	1.38E-04	2.12E-05	9.07E-06
4415	462400.2	3773446	1.39E-04	2.12E-05	9.11E-06
4416	462917.5	3773888	2.30E-04	3.53E-05	1.51E-05
4417	462908.8	3773884	2.28E-04	3.48E-05	1.49E-05
4418	462900.2	3773881	2.25E-04	3.44E-05	1.48E-05
4419	462891.6	3773877	2.22E-04	3.40E-05	1.46E-05

4420	462882.9	3773874	2.19E-04	3.36E-05	1.44E-05
4421	462874.3	3773870	2.17E-04	3.32E-05	1.42E-05
4422	462865.7	3773866	2.14E-04	3.27E-05	1.40E-05
4423	462857	3773863	2.11E-04	3.23E-05	1.39E-05
4424	462848.4	3773859	2.08E-04	3.19E-05	1.37E-05
4425	462839.8	3773856	2.05E-04	3.14E-05	1.35E-05
4426	462831.1	3773852	2.03E-04	3.10E-05	1.33E-05
4427	462822.5	3773849	2.00E-04	3.06E-05	1.31E-05
4428	462813.9	3773845	1.97E-04	3.02E-05	1.29E-05
4429	462805.2	3773842	1.95E-04	2.98E-05	1.28E-05
4430	462796.6	3773838	1.92E-04	2.94E-05	1.26E-05
4431	462787.9	3773834	1.90E-04	2.90E-05	1.24E-05
4432	462779.3	3773831	1.87E-04	2.86E-05	1.23E-05
4433	462770.7	3773827	1.84E-04	2.82E-05	1.21E-05
4434	462762	3773824	1.82E-04	2.78E-05	1.19E-05
4435	462753.4	3773820	1.79E-04	2.75E-05	1.18E-05
4436	462744.8	3773817	1.77E-04	2.71E-05	1.16E-05
4437	462736.1	3773813	1.74E-04	2.67E-05	1.14E-05
4438	462727.5	3773810	1.72E-04	2.63E-05	1.13E-05
4439	462718.9	3773806	1.69E-04	2.59E-05	1.11E-05
4440	462710.2	3773803	1.67E-04	2.55E-05	1.09E-05
4441	462701.6	3773799	1.64E-04	2.51E-05	1.08E-05
4442	462693	3773795	1.62E-04	2.48E-05	1.06E-05
4443	462684.3	3773792	1.59E-04	2.44E-05	1.05E-05
4444	462675.7	3773788	1.57E-04	2.40E-05	1.03E-05
4445	462667.1	3773785	1.54E-04	2.36E-05	1.01E-05
4446	462658.4	3773781	1.52E-04	2.33E-05	9.97E-06
4447	462649.8	3773778	1.50E-04	2.29E-05	9.82E-06
4448	462641.1	3773774	1.47E-04	2.25E-05	9.66E-06
4449	462632.5	3773771	1.45E-04	2.22E-05	9.51E-06
4450	462598	3773756	1.36E-04	2.08E-05	8.93E-06
4451	462589.3	3773753	1.34E-04	2.05E-05	8.79E-06
4452	462580.7	3773749	1.32E-04	2.02E-05	8.64E-06
4453	462572.1	3773746	1.30E-04	1.99E-05	8.51E-06
4454	462563.4	3773742	1.28E-04	1.95E-05	8.37E-06
4455	462554.8	3773739	1.26E-04	1.92E-05	8.24E-06
4456	462546.2	3773735	1.23E-04	1.89E-05	8.10E-06
4457	462537.5	3773731	1.21E-04	1.86E-05	7.97E-06
4458	462528.9	3773728	1.20E-04	1.83E-05	7.85E-06
4459	462520.3	3773724	1.18E-04	1.80E-05	7.72E-06
4460	462511.6	3773721	1.16E-04	1.77E-05	7.60E-06
4461	462503	3773717	1.14E-04	1.75E-05	7.49E-06
4462	462494.3	3773714	1.12E-04	1.72E-05	7.37E-06
4463	462485.7	3773710	1.11E-04	1.69E-05	7.26E-06
4464	462477.1	3773707	1.09E-04	1.67E-05	7.16E-06
4465	462467.8	3773702	1.08E-04	1.65E-05	7.06E-06
4466	462464.2	3773693	1.08E-04	1.65E-05	7.09E-06
4467	462460.6	3773684	1.09E-04	1.66E-05	7.13E-06
4468	462456.9	3773676	1.09E-04	1.67E-05	7.17E-06
4469	462453.3	3773667	1.10E-04	1.68E-05	7.21E-06
4470	462449.7	3773659	1.11E-04	1.69E-05	7.25E-06
4471	462446	3773650	1.11E-04	1.70E-05	7.29E-06

4472	462442.4	3773641	1.12E-04	1.71E-05	7.33E-06
4473	462438.8	3773633	1.12E-04	1.72E-05	7.36E-06
4474	462427.9	3773607	1.14E-04	1.75E-05	7.50E-06
4475	462424.2	3773598	1.15E-04	1.76E-05	7.54E-06
4476	462420.6	3773590	1.16E-04	1.77E-05	7.58E-06
4477	462417	3773581	1.16E-04	1.78E-05	7.62E-06
4478	462413.3	3773573	1.17E-04	1.79E-05	7.66E-06
4479	462409.7	3773564	1.17E-04	1.80E-05	7.71E-06
4480	462406.1	3773555	1.18E-04	1.81E-05	7.75E-06
4481	462402.4	3773547	1.19E-04	1.81E-05	7.78E-06
4482	462398.8	3773538	1.19E-04	1.82E-05	7.81E-06
4483	462917.5	3773928	2.07E-04	3.16E-05	1.36E-05
4484	462908.8	3773924	2.04E-04	3.13E-05	1.34E-05
4485	462900.2	3773921	2.02E-04	3.09E-05	1.32E-05
4486	462891.5	3773917	1.99E-04	3.05E-05	1.31E-05
4487	462882.9	3773914	1.97E-04	3.01E-05	1.29E-05
4488	462874.2	3773910	1.94E-04	2.98E-05	1.28E-05
4489	462865.6	3773906	1.92E-04	2.94E-05	1.26E-05
4490	462856.9	3773903	1.90E-04	2.90E-05	1.25E-05
4491	462848.3	3773899	1.87E-04	2.87E-05	1.23E-05
4492	462839.6	3773896	1.85E-04	2.83E-05	1.21E-05
4493	462831	3773892	1.83E-04	2.80E-05	1.20E-05
4494	462822.3	3773889	1.81E-04	2.76E-05	1.18E-05
4495	462813.7	3773885	1.78E-04	2.73E-05	1.17E-05
4496	462805	3773882	1.76E-04	2.69E-05	1.15E-05
4497	462796.4	3773878	1.74E-04	2.66E-05	1.14E-05
4498	462787.7	3773874	1.72E-04	2.63E-05	1.13E-05
4499	462779.1	3773871	1.69E-04	2.59E-05	1.11E-05
4500	462770.4	3773867	1.67E-04	2.56E-05	1.10E-05
4501	462761.8	3773864	1.65E-04	2.53E-05	1.08E-05
4502	462753.1	3773860	1.63E-04	2.50E-05	1.07E-05
4503	462744.5	3773857	1.61E-04	2.47E-05	1.06E-05
4504	462735.8	3773853	1.59E-04	2.43E-05	1.04E-05
4505	462727.2	3773849	1.57E-04	2.40E-05	1.03E-05
4506	462718.5	3773846	1.55E-04	2.37E-05	1.02E-05
4507	462709.9	3773842	1.53E-04	2.34E-05	1.00E-05
4508	462701.2	3773839	1.51E-04	2.31E-05	9.90E-06
4509	462692.6	3773835	1.49E-04	2.28E-05	9.77E-06
4510	462683.9	3773832	1.47E-04	2.25E-05	9.63E-06
4511	462675.3	3773828	1.45E-04	2.22E-05	9.50E-06
4512	462666.6	3773825	1.43E-04	2.18E-05	9.36E-06
4513	462658	3773821	1.40E-04	2.15E-05	9.22E-06
4514	462649.3	3773817	1.38E-04	2.12E-05	9.08E-06
4515	462640.7	3773814	1.36E-04	2.09E-05	8.95E-06
4516	462632	3773810	1.34E-04	2.06E-05	8.82E-06
4517	462606.1	3773800	1.29E-04	1.97E-05	8.43E-06
4518	462597.4	3773796	1.27E-04	1.94E-05	8.30E-06
4519	462588.8	3773793	1.25E-04	1.91E-05	8.18E-06
4520	462580.1	3773789	1.23E-04	1.88E-05	8.05E-06
4521	462571.5	3773785	1.21E-04	1.85E-05	7.93E-06
4522	462562.8	3773782	1.19E-04	1.82E-05	7.81E-06
4523	462554.2	3773778	1.17E-04	1.79E-05	7.69E-06

4524	462545.5	3773775	1.15E-04	1.77E-05	7.57E-06
4525	462536.9	3773771	1.14E-04	1.74E-05	7.46E-06
4526	462502.3	3773757	1.07E-04	1.64E-05	7.04E-06
4527	462493.6	3773753	1.06E-04	1.62E-05	6.94E-06
4528	462485	3773750	1.04E-04	1.60E-05	6.84E-06
4529	462476.3	3773746	1.03E-04	1.57E-05	6.74E-06
4530	462467.7	3773743	1.01E-04	1.55E-05	6.63E-06
4531	462459	3773739	9.97E-05	1.53E-05	6.54E-06
4532	462450.4	3773736	9.83E-05	1.51E-05	6.45E-06
4533	462441.7	3773732	9.70E-05	1.49E-05	6.37E-06
4534	462436.6	3773723	9.73E-05	1.49E-05	6.39E-06
4535	462433	3773714	9.78E-05	1.50E-05	6.42E-06
4536	462429.4	3773706	9.82E-05	1.50E-05	6.44E-06
4537	462425.7	3773697	9.86E-05	1.51E-05	6.47E-06
4538	462422.1	3773688	9.91E-05	1.52E-05	6.50E-06
4539	462418.5	3773680	9.96E-05	1.52E-05	6.54E-06
4540	462414.8	3773671	1.00E-04	1.53E-05	6.57E-06
4541	462411.2	3773662	1.01E-04	1.54E-05	6.61E-06
4542	462407.5	3773654	1.01E-04	1.55E-05	6.65E-06
4543	462403.9	3773645	1.02E-04	1.56E-05	6.68E-06
4544	462400.3	3773637	1.02E-04	1.57E-05	6.71E-06
4545	462396.6	3773628	1.03E-04	1.57E-05	6.74E-06
4546	462385.7	3773602	1.04E-04	1.60E-05	6.84E-06
4547	462382.1	3773594	1.05E-04	1.60E-05	6.87E-06
4548	462378.4	3773585	1.05E-04	1.61E-05	6.91E-06
4549	462374.8	3773576	1.06E-04	1.62E-05	6.95E-06
4550	462371.1	3773568	1.07E-04	1.63E-05	6.99E-06
4551	462367.5	3773559	1.07E-04	1.64E-05	7.03E-06
4552	462363.9	3773550	1.08E-04	1.65E-05	7.06E-06
4553	462360.2	3773542	1.08E-04	1.65E-05	7.08E-06
4554	462356.6	3773533	1.08E-04	1.66E-05	7.11E-06
4555	462353	3773525	1.09E-04	1.67E-05	7.15E-06
4556	462349.3	3773516	1.09E-04	1.68E-05	7.18E-06
4557	462345.7	3773507	1.10E-04	1.68E-05	7.21E-06
4558	462342	3773499	1.10E-04	1.69E-05	7.23E-06
4559	462338.4	3773490	1.10E-04	1.69E-05	7.25E-06
4560	462917.5	3773968	1.86E-04	2.85E-05	1.22E-05
4561	462908.8	3773964	1.84E-04	2.82E-05	1.21E-05
4562	462900.2	3773961	1.82E-04	2.79E-05	1.19E-05
4563	462891.6	3773957	1.80E-04	2.76E-05	1.18E-05
4564	462882.9	3773954	1.78E-04	2.72E-05	1.17E-05
4565	462874.3	3773950	1.76E-04	2.69E-05	1.16E-05
4566	462865.6	3773946	1.74E-04	2.66E-05	1.14E-05
4567	462857	3773943	1.72E-04	2.64E-05	1.13E-05
4568	462848.4	3773939	1.70E-04	2.60E-05	1.12E-05
4569	462839.7	3773936	1.68E-04	2.57E-05	1.10E-05
4570	462831.1	3773932	1.66E-04	2.54E-05	1.09E-05
4571	462822.5	3773929	1.64E-04	2.51E-05	1.08E-05
4572	462813.8	3773925	1.62E-04	2.48E-05	1.06E-05
4573	462805.2	3773922	1.60E-04	2.45E-05	1.05E-05
4574	462796.5	3773918	1.58E-04	2.43E-05	1.04E-05
4575	462787.9	3773914	1.57E-04	2.40E-05	1.03E-05

4576	462779.3	3773911	1.55E-04	2.37E-05	1.02E-05
4577	462770.6	3773907	1.53E-04	2.34E-05	1.00E-05
4578	462762	3773904	1.51E-04	2.32E-05	9.93E-06
4579	462753.3	3773900	1.50E-04	2.29E-05	9.81E-06
4580	462744.7	3773897	1.48E-04	2.26E-05	9.70E-06
4581	462736.1	3773893	1.46E-04	2.24E-05	9.58E-06
4582	462727.4	3773890	1.44E-04	2.21E-05	9.47E-06
4583	462718.8	3773886	1.42E-04	2.18E-05	9.35E-06
4584	462710.2	3773882	1.41E-04	2.15E-05	9.23E-06
4585	462701.5	3773879	1.39E-04	2.13E-05	9.12E-06
4586	462692.9	3773875	1.37E-04	2.10E-05	9.00E-06
4587	462684.2	3773872	1.35E-04	2.07E-05	8.89E-06
4588	462675.6	3773868	1.34E-04	2.05E-05	8.77E-06
4589	462667	3773865	1.32E-04	2.02E-05	8.66E-06
4590	462658.3	3773861	1.30E-04	1.99E-05	8.55E-06
4591	462649.7	3773858	1.28E-04	1.97E-05	8.43E-06
4592	462641	3773854	1.27E-04	1.94E-05	8.32E-06
4593	462632.4	3773850	1.25E-04	1.91E-05	8.20E-06
4594	462606.5	3773840	1.20E-04	1.83E-05	7.87E-06
4595	462597.9	3773836	1.18E-04	1.81E-05	7.75E-06
4596	462589.2	3773833	1.17E-04	1.78E-05	7.65E-06
4597	462580.6	3773829	1.15E-04	1.76E-05	7.54E-06
4598	462571.9	3773826	1.13E-04	1.74E-05	7.44E-06
4599	462563.3	3773822	1.12E-04	1.71E-05	7.33E-06
4600	462554.7	3773818	1.10E-04	1.69E-05	7.23E-06
4601	462546	3773815	1.09E-04	1.66E-05	7.13E-06
4602	462537.4	3773811	1.07E-04	1.64E-05	7.03E-06
4603	462528.7	3773808	1.06E-04	1.62E-05	6.94E-06
4604	462520.1	3773804	1.04E-04	1.59E-05	6.84E-06
4605	462511.5	3773801	1.03E-04	1.57E-05	6.74E-06
4606	462502.8	3773797	1.01E-04	1.55E-05	6.65E-06
4607	462494.2	3773794	9.98E-05	1.53E-05	6.55E-06
4608	462485.6	3773790	9.85E-05	1.51E-05	6.46E-06
4609	462476.9	3773786	9.71E-05	1.49E-05	6.37E-06
4610	462468.3	3773783	9.58E-05	1.47E-05	6.28E-06
4611	462459.6	3773779	9.45E-05	1.45E-05	6.20E-06
4612	462451	3773776	9.32E-05	1.43E-05	6.12E-06
4613	462442.4	3773772	9.20E-05	1.41E-05	6.04E-06
4614	462409.7	3773754	8.81E-05	1.35E-05	5.78E-06
4615	462406.1	3773745	8.84E-05	1.35E-05	5.80E-06
4616	462402.4	3773737	8.89E-05	1.36E-05	5.83E-06
4617	462398.8	3773728	8.93E-05	1.37E-05	5.86E-06
4618	462395.2	3773720	8.98E-05	1.37E-05	5.89E-06
4619	462391.5	3773711	9.02E-05	1.38E-05	5.92E-06
4620	462387.9	3773702	9.05E-05	1.39E-05	5.94E-06
4621	462384.3	3773694	9.09E-05	1.39E-05	5.97E-06
4622	462380.6	3773685	9.13E-05	1.40E-05	5.99E-06
4623	462377	3773677	9.17E-05	1.40E-05	6.02E-06
4624	462373.4	3773668	9.21E-05	1.41E-05	6.05E-06
4625	462369.7	3773659	9.25E-05	1.42E-05	6.07E-06
4626	462366.1	3773651	9.30E-05	1.42E-05	6.10E-06
4627	462362.5	3773642	9.35E-05	1.43E-05	6.13E-06

4628	462358.8	3773634	9.40E-05	1.44E-05	6.17E-06
4629	462355.2	3773625	9.45E-05	1.45E-05	6.20E-06
4630	462351.6	3773616	9.49E-05	1.45E-05	6.23E-06
4631	462344.3	3773599	9.57E-05	1.47E-05	6.28E-06
4632	462340.7	3773591	9.62E-05	1.47E-05	6.32E-06
4633	462337	3773582	9.68E-05	1.48E-05	6.35E-06
4634	462333.4	3773573	9.72E-05	1.49E-05	6.38E-06
4635	462329.8	3773565	9.77E-05	1.50E-05	6.41E-06
4636	462326.1	3773556	9.81E-05	1.50E-05	6.44E-06
4637	462322.5	3773548	9.84E-05	1.51E-05	6.46E-06
4638	462318.9	3773539	9.87E-05	1.51E-05	6.48E-06
4639	462315.2	3773530	9.91E-05	1.52E-05	6.50E-06
4640	462311.6	3773522	9.95E-05	1.52E-05	6.53E-06
4641	462308	3773513	9.98E-05	1.53E-05	6.55E-06
4642	462304.3	3773505	1.00E-04	1.53E-05	6.57E-06
4643	462300.7	3773496	1.00E-04	1.54E-05	6.58E-06
4644	462917.5	3774008	1.69E-04	2.59E-05	1.11E-05
4645	462908.8	3774004	1.68E-04	2.56E-05	1.10E-05
4646	462900.2	3774001	1.66E-04	2.54E-05	1.09E-05
4647	462891.5	3773997	1.64E-04	2.51E-05	1.08E-05
4648	462882.9	3773994	1.62E-04	2.49E-05	1.07E-05
4649	462874.2	3773990	1.61E-04	2.46E-05	1.05E-05
4650	462865.6	3773986	1.59E-04	2.43E-05	1.04E-05
4651	462856.9	3773983	1.57E-04	2.40E-05	1.03E-05
4652	462848.3	3773979	1.55E-04	2.37E-05	1.02E-05
4653	462839.6	3773976	1.53E-04	2.35E-05	1.01E-05
4654	462831	3773972	1.52E-04	2.32E-05	9.96E-06
4655	462822.3	3773969	1.50E-04	2.30E-05	9.85E-06
4656	462813.7	3773965	1.49E-04	2.27E-05	9.75E-06
4657	462805	3773962	1.47E-04	2.25E-05	9.65E-06
4658	462796.4	3773958	1.45E-04	2.23E-05	9.54E-06
4659	462787.7	3773954	1.44E-04	2.20E-05	9.44E-06
4660	462779.1	3773951	1.42E-04	2.18E-05	9.33E-06
4661	462770.4	3773947	1.41E-04	2.15E-05	9.23E-06
4662	462761.7	3773944	1.39E-04	2.13E-05	9.12E-06
4663	462753.1	3773940	1.37E-04	2.10E-05	9.02E-06
4664	462744.4	3773937	1.36E-04	2.08E-05	8.92E-06
4665	462735.8	3773933	1.34E-04	2.06E-05	8.82E-06
4666	462727.1	3773929	1.33E-04	2.03E-05	8.72E-06
4667	462718.5	3773926	1.31E-04	2.01E-05	8.62E-06
4668	462709.8	3773922	1.30E-04	1.99E-05	8.53E-06
4669	462701.2	3773919	1.28E-04	1.97E-05	8.43E-06
4670	462692.5	3773915	1.27E-04	1.94E-05	8.33E-06
4671	462683.9	3773912	1.26E-04	1.92E-05	8.24E-06
4672	462675.2	3773908	1.24E-04	1.90E-05	8.14E-06
4673	462666.6	3773905	1.23E-04	1.88E-05	8.05E-06
4674	462657.9	3773901	1.21E-04	1.86E-05	7.95E-06
4675	462649.3	3773897	1.20E-04	1.83E-05	7.86E-06
4676	462640.6	3773894	1.18E-04	1.81E-05	7.76E-06
4677	462632	3773890	1.17E-04	1.79E-05	7.66E-06
4678	462606	3773880	1.12E-04	1.72E-05	7.37E-06
4679	462597.4	3773876	1.11E-04	1.70E-05	7.27E-06

4680	462588.7	3773873	1.09E-04	1.67E-05	7.18E-06
4681	462580.1	3773869	1.08E-04	1.65E-05	7.09E-06
4682	462571.4	3773865	1.07E-04	1.63E-05	6.99E-06
4683	462562.8	3773862	1.05E-04	1.61E-05	6.90E-06
4684	462554.1	3773858	1.04E-04	1.59E-05	6.81E-06
4685	462545.5	3773855	1.02E-04	1.57E-05	6.71E-06
4686	462536.8	3773851	1.01E-04	1.54E-05	6.62E-06
4687	462528.2	3773848	9.96E-05	1.52E-05	6.53E-06
4688	462519.5	3773844	9.82E-05	1.50E-05	6.45E-06
4689	462510.9	3773840	9.69E-05	1.48E-05	6.36E-06
4690	462502.2	3773837	9.56E-05	1.46E-05	6.27E-06
4691	462493.6	3773833	9.44E-05	1.44E-05	6.19E-06
4692	462484.9	3773830	9.31E-05	1.43E-05	6.11E-06
4693	462476.3	3773826	9.19E-05	1.41E-05	6.03E-06
4694	462467.6	3773823	9.08E-05	1.39E-05	5.96E-06
4695	462459	3773819	8.96E-05	1.37E-05	5.88E-06
4696	462450.3	3773816	8.84E-05	1.35E-05	5.80E-06
4697	462441.7	3773812	8.72E-05	1.34E-05	5.72E-06
4698	462433	3773808	8.60E-05	1.32E-05	5.65E-06
4699	462424.3	3773805	8.50E-05	1.30E-05	5.58E-06
4700	462415.7	3773801	8.39E-05	1.28E-05	5.51E-06
4701	462407	3773798	8.30E-05	1.27E-05	5.44E-06
4702	462398.4	3773794	8.20E-05	1.25E-05	5.38E-06
4703	462389.7	3773791	8.10E-05	1.24E-05	5.32E-06
4704	462382.2	3773784	8.06E-05	1.23E-05	5.29E-06
4705	462378.5	3773775	8.09E-05	1.24E-05	5.31E-06
4706	462367.6	3773749	8.17E-05	1.25E-05	5.36E-06
4707	462364	3773741	8.21E-05	1.26E-05	5.39E-06
4708	462360.3	3773732	8.24E-05	1.26E-05	5.41E-06
4709	462356.7	3773724	8.28E-05	1.27E-05	5.43E-06
4710	462353	3773715	8.31E-05	1.27E-05	5.46E-06
4711	462349.4	3773706	8.35E-05	1.28E-05	5.48E-06
4712	462345.8	3773698	8.38E-05	1.28E-05	5.50E-06
4713	462342.1	3773689	8.43E-05	1.29E-05	5.53E-06
4714	462338.5	3773681	8.46E-05	1.30E-05	5.55E-06
4715	462334.8	3773672	8.50E-05	1.30E-05	5.58E-06
4716	462331.2	3773663	8.53E-05	1.31E-05	5.60E-06
4717	462327.6	3773655	8.57E-05	1.31E-05	5.63E-06
4718	462323.9	3773646	8.61E-05	1.32E-05	5.65E-06
4719	462320.3	3773637	8.66E-05	1.33E-05	5.68E-06
4720	462316.6	3773629	8.70E-05	1.33E-05	5.71E-06
4721	462313	3773620	8.74E-05	1.34E-05	5.74E-06
4722	462302.1	3773594	8.85E-05	1.35E-05	5.81E-06
4723	462298.5	3773586	8.89E-05	1.36E-05	5.83E-06
4724	462294.8	3773577	8.93E-05	1.37E-05	5.86E-06
4725	462291.2	3773568	8.97E-05	1.37E-05	5.89E-06
4726	462287.5	3773560	9.00E-05	1.38E-05	5.91E-06
4727	462283.9	3773551	9.03E-05	1.38E-05	5.92E-06
4728	462280.3	3773543	9.05E-05	1.39E-05	5.94E-06
4729	462276.6	3773534	9.08E-05	1.39E-05	5.96E-06
4730	462273	3773525	9.10E-05	1.39E-05	5.97E-06
4731	462269.3	3773517	9.13E-05	1.40E-05	5.99E-06

4732	462265.7	3773508	9.16E-05	1.40E-05	6.01E-06
4733	462262.1	3773500	9.17E-05	1.40E-05	6.02E-06
4734	462258.4	3773491	9.18E-05	1.41E-05	6.02E-06
4735	462196.6	3773344	8.81E-05	1.35E-05	5.78E-06
4736	462192.9	3773336	8.76E-05	1.34E-05	5.75E-06
4737	462189.3	3773327	8.71E-05	1.33E-05	5.71E-06
4738	462900.2	3774041	1.52E-04	2.33E-05	9.97E-06
4739	462891.6	3774037	1.50E-04	2.30E-05	9.87E-06
4740	462882.9	3774034	1.49E-04	2.28E-05	9.76E-06
4741	462874.3	3774030	1.47E-04	2.25E-05	9.66E-06
4742	462865.6	3774026	1.46E-04	2.23E-05	9.56E-06
4743	462857	3774023	1.44E-04	2.21E-05	9.46E-06
4744	462848.3	3774019	1.43E-04	2.18E-05	9.36E-06
4745	462839.7	3774016	1.41E-04	2.16E-05	9.26E-06
4746	462831.1	3774012	1.40E-04	2.14E-05	9.17E-06
4747	462822.4	3774009	1.38E-04	2.12E-05	9.07E-06
4748	462813.8	3774005	1.37E-04	2.09E-05	8.98E-06
4749	462805.1	3774002	1.35E-04	2.07E-05	8.88E-06
4750	462796.5	3773998	1.34E-04	2.05E-05	8.79E-06
4751	462787.9	3773994	1.33E-04	2.03E-05	8.70E-06
4752	462779.2	3773991	1.31E-04	2.01E-05	8.60E-06
4753	462770.6	3773987	1.30E-04	1.99E-05	8.52E-06
4754	462761.9	3773984	1.28E-04	1.97E-05	8.43E-06
4755	462753.3	3773980	1.27E-04	1.95E-05	8.34E-06
4756	462744.7	3773977	1.26E-04	1.93E-05	8.26E-06
4757	462736	3773973	1.25E-04	1.91E-05	8.17E-06
4758	462727.4	3773970	1.23E-04	1.89E-05	8.09E-06
4759	462718.7	3773966	1.22E-04	1.87E-05	8.01E-06
4760	462710.1	3773962	1.21E-04	1.85E-05	7.92E-06
4761	462701.5	3773959	1.19E-04	1.83E-05	7.84E-06
4762	462692.8	3773955	1.18E-04	1.81E-05	7.76E-06
4763	462684.2	3773952	1.17E-04	1.79E-05	7.68E-06
4764	462675.5	3773948	1.16E-04	1.77E-05	7.59E-06
4765	462666.9	3773945	1.14E-04	1.75E-05	7.50E-06
4766	462658.2	3773941	1.13E-04	1.73E-05	7.42E-06
4767	462649.6	3773938	1.12E-04	1.71E-05	7.33E-06
4768	462641	3773934	1.11E-04	1.69E-05	7.25E-06
4769	462632.3	3773930	1.09E-04	1.67E-05	7.17E-06
4770	462606.4	3773920	1.05E-04	1.61E-05	6.92E-06
4771	462597.8	3773916	1.04E-04	1.59E-05	6.84E-06
4772	462589.1	3773913	1.03E-04	1.58E-05	6.75E-06
4773	462580.5	3773909	1.02E-04	1.56E-05	6.67E-06
4774	462571.8	3773906	1.00E-04	1.54E-05	6.59E-06
4775	462563.2	3773902	9.91E-05	1.52E-05	6.50E-06
4776	462554.6	3773898	9.79E-05	1.50E-05	6.42E-06
4777	462545.9	3773895	9.67E-05	1.48E-05	6.34E-06
4778	462537.3	3773891	9.54E-05	1.46E-05	6.26E-06
4779	462528.6	3773888	9.43E-05	1.44E-05	6.19E-06
4780	462520	3773884	9.31E-05	1.43E-05	6.11E-06
4781	462511.4	3773881	9.20E-05	1.41E-05	6.04E-06
4782	462502.7	3773877	9.08E-05	1.39E-05	5.96E-06
4783	462494.1	3773874	8.97E-05	1.37E-05	5.89E-06

4784	462485.4	3773870	8.86E-05	1.36E-05	5.82E-06
4785	462476.8	3773866	8.75E-05	1.34E-05	5.74E-06
4786	462468.2	3773863	8.64E-05	1.32E-05	5.67E-06
4787	462459.5	3773859	8.53E-05	1.31E-05	5.60E-06
4788	462450.9	3773856	8.43E-05	1.29E-05	5.53E-06
4789	462442.2	3773852	8.32E-05	1.27E-05	5.46E-06
4790	462433.6	3773849	8.22E-05	1.26E-05	5.39E-06
4791	462424.9	3773845	8.12E-05	1.24E-05	5.33E-06
4792	462416.3	3773842	8.02E-05	1.23E-05	5.26E-06
4793	462407.7	3773838	7.92E-05	1.21E-05	5.20E-06
4794	462399	3773834	7.83E-05	1.20E-05	5.14E-06
4795	462390.4	3773831	7.74E-05	1.18E-05	5.08E-06
4796	462381.7	3773827	7.65E-05	1.17E-05	5.02E-06
4797	462373.1	3773824	7.56E-05	1.16E-05	4.96E-06
4798	462364.5	3773820	7.47E-05	1.14E-05	4.90E-06
4799	462355.2	3773815	7.39E-05	1.13E-05	4.85E-06
4800	462351.6	3773807	7.42E-05	1.14E-05	4.87E-06
4801	462347.9	3773798	7.44E-05	1.14E-05	4.89E-06
4802	462344.3	3773789	7.48E-05	1.14E-05	4.91E-06
4803	462340.7	3773781	7.51E-05	1.15E-05	4.93E-06
4804	462337	3773772	7.53E-05	1.15E-05	4.94E-06
4805	462329.8	3773755	7.58E-05	1.16E-05	4.98E-06
4806	462326.1	3773746	7.61E-05	1.17E-05	5.00E-06
4807	462322.5	3773738	7.64E-05	1.17E-05	5.01E-06
4808	462318.9	3773729	7.67E-05	1.17E-05	5.03E-06
4809	462315.2	3773721	7.70E-05	1.18E-05	5.05E-06
4810	462311.6	3773712	7.73E-05	1.18E-05	5.07E-06
4811	462308	3773703	7.77E-05	1.19E-05	5.10E-06
4812	462304.3	3773695	7.80E-05	1.19E-05	5.12E-06
4813	462300.7	3773686	7.84E-05	1.20E-05	5.15E-06
4814	462297.1	3773677	7.87E-05	1.21E-05	5.17E-06
4815	462293.4	3773669	7.90E-05	1.21E-05	5.19E-06
4816	462289.8	3773660	7.94E-05	1.21E-05	5.21E-06
4817	462286.2	3773652	7.97E-05	1.22E-05	5.23E-06
4818	462282.5	3773643	8.01E-05	1.23E-05	5.25E-06
4819	462278.9	3773634	8.05E-05	1.23E-05	5.28E-06
4820	462275.2	3773626	8.09E-05	1.24E-05	5.31E-06
4821	462271.6	3773617	8.11E-05	1.24E-05	5.32E-06
4822	462264.3	3773600	8.17E-05	1.25E-05	5.36E-06
4823	462260.7	3773591	8.20E-05	1.25E-05	5.38E-06
4824	462257.1	3773583	8.23E-05	1.26E-05	5.40E-06
4825	462253.4	3773574	8.27E-05	1.27E-05	5.43E-06
4826	462249.8	3773566	8.30E-05	1.27E-05	5.44E-06
4827	462246.2	3773557	8.31E-05	1.27E-05	5.46E-06
4828	462242.5	3773548	8.33E-05	1.28E-05	5.47E-06
4829	462238.9	3773540	8.35E-05	1.28E-05	5.48E-06
4830	462235.3	3773531	8.37E-05	1.28E-05	5.49E-06
4831	462231.6	3773523	8.38E-05	1.28E-05	5.50E-06
4832	462228	3773514	8.39E-05	1.28E-05	5.51E-06
4833	462198.9	3773445	8.39E-05	1.28E-05	5.51E-06
4834	462195.3	3773436	8.38E-05	1.28E-05	5.50E-06
4835	462191.6	3773428	8.37E-05	1.28E-05	5.49E-06

4836	462188	3773419	8.36E-05	1.28E-05	5.48E-06
4837	462184.4	3773411	8.32E-05	1.27E-05	5.46E-06
4838	462180.7	3773402	8.29E-05	1.27E-05	5.44E-06
4839	462177.1	3773393	8.25E-05	1.26E-05	5.42E-06
4840	462173.5	3773385	8.22E-05	1.26E-05	5.39E-06
4841	462169.8	3773376	8.19E-05	1.25E-05	5.37E-06
4842	462166.2	3773368	8.16E-05	1.25E-05	5.36E-06
4843	462162.6	3773359	8.13E-05	1.24E-05	5.33E-06
4844	462158.9	3773350	8.09E-05	1.24E-05	5.31E-06
4845	462155.3	3773342	8.04E-05	1.23E-05	5.28E-06
4846	462151.7	3773333	8.00E-05	1.22E-05	5.25E-06
4847	462148	3773325	7.95E-05	1.22E-05	5.22E-06
4848	462805	3774042	1.25E-04	1.92E-05	8.22E-06
4849	462796.3	3774038	1.24E-04	1.90E-05	8.14E-06
4850	462787.7	3774034	1.23E-04	1.88E-05	8.06E-06
4851	462779	3774031	1.22E-04	1.86E-05	7.99E-06
4852	462770.4	3774027	1.21E-04	1.84E-05	7.91E-06
4853	462761.7	3774024	1.19E-04	1.83E-05	7.83E-06
4854	462753.1	3774020	1.18E-04	1.81E-05	7.76E-06
4855	462744.4	3774017	1.17E-04	1.79E-05	7.68E-06
4856	462735.8	3774013	1.16E-04	1.77E-05	7.61E-06
4857	462727.1	3774009	1.15E-04	1.76E-05	7.53E-06
4858	462718.5	3774006	1.14E-04	1.74E-05	7.45E-06
4859	462709.8	3774002	1.12E-04	1.72E-05	7.38E-06
4860	462701.2	3773999	1.11E-04	1.70E-05	7.31E-06
4861	462692.5	3773995	1.10E-04	1.69E-05	7.23E-06
4862	462683.9	3773992	1.09E-04	1.67E-05	7.16E-06
4863	462675.2	3773988	1.08E-04	1.65E-05	7.08E-06
4864	462666.6	3773985	1.07E-04	1.64E-05	7.01E-06
4865	462657.9	3773981	1.06E-04	1.62E-05	6.94E-06
4866	462649.2	3773977	1.05E-04	1.60E-05	6.87E-06
4867	462640.6	3773974	1.04E-04	1.59E-05	6.80E-06
4868	462631.9	3773970	1.03E-04	1.57E-05	6.73E-06
4869	462606	3773960	9.93E-05	1.52E-05	6.52E-06
4870	462597.3	3773956	9.82E-05	1.50E-05	6.44E-06
4871	462588.7	3773952	9.71E-05	1.49E-05	6.37E-06
4872	462580	3773949	9.60E-05	1.47E-05	6.30E-06
4873	462571.4	3773945	9.49E-05	1.45E-05	6.23E-06
4874	462562.7	3773942	9.38E-05	1.44E-05	6.16E-06
4875	462554.1	3773938	9.27E-05	1.42E-05	6.08E-06
4876	462545.4	3773935	9.16E-05	1.40E-05	6.01E-06
4877	462536.8	3773931	9.05E-05	1.39E-05	5.94E-06
4878	462528.1	3773928	8.95E-05	1.37E-05	5.87E-06
4879	462519.5	3773924	8.84E-05	1.35E-05	5.80E-06
4880	462510.8	3773920	8.73E-05	1.34E-05	5.73E-06
4881	462502.2	3773917	8.63E-05	1.32E-05	5.66E-06
4882	462493.5	3773913	8.52E-05	1.31E-05	5.59E-06
4883	462484.9	3773910	8.42E-05	1.29E-05	5.53E-06
4884	462476.2	3773906	8.32E-05	1.27E-05	5.46E-06
4885	462467.5	3773903	8.22E-05	1.26E-05	5.39E-06
4886	462458.9	3773899	8.12E-05	1.24E-05	5.33E-06
4887	462450.2	3773896	8.02E-05	1.23E-05	5.27E-06

4888	462441.6	3773892	7.93E-05	1.21E-05	5.20E-06
4889	462432.9	3773888	7.84E-05	1.20E-05	5.14E-06
4890	462424.3	3773885	7.75E-05	1.19E-05	5.09E-06
4891	462415.6	3773881	7.66E-05	1.17E-05	5.02E-06
4892	462407	3773878	7.56E-05	1.16E-05	4.96E-06
4893	462398.3	3773874	7.47E-05	1.14E-05	4.90E-06
4894	462389.7	3773871	7.39E-05	1.13E-05	4.85E-06
4895	462381	3773867	7.30E-05	1.12E-05	4.79E-06
4896	462372.4	3773863	7.22E-05	1.11E-05	4.74E-06
4897	462363.7	3773860	7.15E-05	1.09E-05	4.69E-06
4898	462355.1	3773856	7.07E-05	1.08E-05	4.64E-06
4899	462346.4	3773853	7.00E-05	1.07E-05	4.59E-06
4900	462337.8	3773849	6.92E-05	1.06E-05	4.54E-06
4901	462329.1	3773846	6.85E-05	1.05E-05	4.50E-06
4902	462324	3773836	6.86E-05	1.05E-05	4.51E-06
4903	462320.4	3773828	6.88E-05	1.05E-05	4.52E-06
4904	462316.7	3773819	6.90E-05	1.06E-05	4.53E-06
4905	462313.1	3773811	6.93E-05	1.06E-05	4.54E-06
4906	462309.5	3773802	6.94E-05	1.06E-05	4.56E-06
4907	462305.8	3773793	6.97E-05	1.07E-05	4.57E-06
4908	462302.2	3773785	6.99E-05	1.07E-05	4.58E-06
4909	462298.5	3773776	7.01E-05	1.07E-05	4.60E-06
4910	462287.6	3773750	7.10E-05	1.09E-05	4.66E-06
4911	462284	3773742	7.13E-05	1.09E-05	4.68E-06
4912	462280.3	3773733	7.15E-05	1.10E-05	4.70E-06
4913	462276.7	3773724	7.18E-05	1.10E-05	4.71E-06
4914	462273.1	3773716	7.21E-05	1.10E-05	4.73E-06
4915	462269.4	3773707	7.24E-05	1.11E-05	4.75E-06
4916	462265.8	3773699	7.27E-05	1.11E-05	4.77E-06
4917	462262.2	3773690	7.30E-05	1.12E-05	4.79E-06
4918	462258.5	3773681	7.33E-05	1.12E-05	4.81E-06
4919	462254.9	3773673	7.36E-05	1.13E-05	4.83E-06
4920	462251.2	3773664	7.38E-05	1.13E-05	4.85E-06
4921	462247.6	3773655	7.41E-05	1.13E-05	4.86E-06
4922	462244	3773647	7.44E-05	1.14E-05	4.89E-06
4923	462240.3	3773638	7.48E-05	1.14E-05	4.91E-06
4924	462236.7	3773630	7.51E-05	1.15E-05	4.93E-06
4925	462233	3773621	7.54E-05	1.15E-05	4.95E-06
4926	462163.9	3773457	7.75E-05	1.19E-05	5.09E-06
4927	462160.2	3773449	7.73E-05	1.18E-05	5.08E-06
4928	462156.6	3773440	7.73E-05	1.18E-05	5.07E-06
4929	462153	3773431	7.71E-05	1.18E-05	5.06E-06
4930	462149.3	3773423	7.70E-05	1.18E-05	5.05E-06
4931	462145.7	3773414	7.66E-05	1.17E-05	5.03E-06
4932	462142	3773405	7.63E-05	1.17E-05	5.01E-06
4933	462138.4	3773397	7.60E-05	1.16E-05	4.99E-06
4934	462134.8	3773388	7.57E-05	1.16E-05	4.97E-06
4935	462131.1	3773380	7.53E-05	1.15E-05	4.94E-06
4936	462127.5	3773371	7.50E-05	1.15E-05	4.92E-06
4937	462123.8	3773362	7.46E-05	1.14E-05	4.90E-06
4938	462120.2	3773354	7.43E-05	1.14E-05	4.87E-06
4939	462116.6	3773345	7.40E-05	1.13E-05	4.85E-06

4940	462112.9	3773337	7.37E-05	1.13E-05	4.83E-06
4941	462109.3	3773328	7.34E-05	1.12E-05	4.81E-06
4942	462105.6	3773319	7.30E-05	1.12E-05	4.79E-06
4943	462102	3773311	7.26E-05	1.11E-05	4.76E-06
4944	462098.4	3773302	7.22E-05	1.10E-05	4.74E-06
4945	462094.7	3773293	7.18E-05	1.10E-05	4.71E-06
4946	462091.1	3773285	7.15E-05	1.09E-05	4.69E-06
4947	462087.4	3773276	7.12E-05	1.09E-05	4.67E-06
4948	462813.8	3774085	1.18E-04	1.80E-05	7.73E-06
4949	462805.1	3774082	1.17E-04	1.79E-05	7.66E-06
4950	462710	3774042	1.05E-04	1.61E-05	6.90E-06
4951	462701.4	3774039	1.04E-04	1.60E-05	6.84E-06
4952	462692.8	3774035	1.03E-04	1.58E-05	6.78E-06
4953	462684.1	3774032	1.02E-04	1.57E-05	6.71E-06
4954	462675.5	3774028	1.01E-04	1.55E-05	6.65E-06
4955	462666.8	3774025	1.00E-04	1.54E-05	6.59E-06
4956	462658.2	3774021	9.95E-05	1.52E-05	6.53E-06
4957	462649.5	3774018	9.85E-05	1.51E-05	6.47E-06
4958	462640.9	3774014	9.75E-05	1.49E-05	6.40E-06
4959	462632.3	3774010	9.66E-05	1.48E-05	6.34E-06
4960	462606.3	3774000	9.37E-05	1.43E-05	6.15E-06
4961	462597.7	3773996	9.27E-05	1.42E-05	6.08E-06
4962	462589	3773993	9.17E-05	1.40E-05	6.02E-06
4963	462580.4	3773989	9.08E-05	1.39E-05	5.96E-06
4964	462571.8	3773986	8.98E-05	1.37E-05	5.89E-06
4965	462563.1	3773982	8.88E-05	1.36E-05	5.83E-06
4966	462554.5	3773978	8.79E-05	1.35E-05	5.77E-06
4967	462545.8	3773975	8.70E-05	1.33E-05	5.71E-06
4968	462537.2	3773971	8.60E-05	1.32E-05	5.64E-06
4969	462528.5	3773968	8.50E-05	1.30E-05	5.58E-06
4970	462519.9	3773964	8.40E-05	1.29E-05	5.51E-06
4971	462511.3	3773961	8.31E-05	1.27E-05	5.45E-06
4972	462502.6	3773957	8.22E-05	1.26E-05	5.39E-06
4973	462494	3773954	8.12E-05	1.24E-05	5.33E-06
4974	462485.3	3773950	8.03E-05	1.23E-05	5.27E-06
4975	462476.7	3773946	7.95E-05	1.22E-05	5.21E-06
4976	462468	3773943	7.86E-05	1.20E-05	5.16E-06
4977	462459.4	3773939	7.77E-05	1.19E-05	5.10E-06
4978	462450.8	3773936	7.68E-05	1.18E-05	5.04E-06
4979	462442.1	3773932	7.60E-05	1.16E-05	4.99E-06
4980	462433.5	3773929	7.51E-05	1.15E-05	4.93E-06
4981	462424.8	3773925	7.43E-05	1.14E-05	4.88E-06
4982	462416.2	3773922	7.35E-05	1.12E-05	4.82E-06
4983	462407.5	3773918	7.26E-05	1.11E-05	4.77E-06
4984	462398.9	3773914	7.18E-05	1.10E-05	4.71E-06
4985	462390.3	3773911	7.10E-05	1.09E-05	4.66E-06
4986	462381.6	3773907	7.02E-05	1.07E-05	4.61E-06
4987	462373	3773904	6.94E-05	1.06E-05	4.56E-06
4988	462364.3	3773900	6.87E-05	1.05E-05	4.51E-06
4989	462355.7	3773897	6.80E-05	1.04E-05	4.46E-06
4990	462347	3773893	6.72E-05	1.03E-05	4.41E-06
4991	462338.4	3773889	6.65E-05	1.02E-05	4.37E-06

4992	462329.8	3773886	6.58E-05	1.01E-05	4.32E-06
4993	462321.1	3773882	6.52E-05	9.98E-06	4.28E-06
4994	462293.5	3773859	6.38E-05	9.77E-06	4.19E-06
4995	462289.8	3773851	6.40E-05	9.80E-06	4.20E-06
4996	462286.2	3773842	6.42E-05	9.82E-06	4.21E-06
4997	462282.5	3773833	6.43E-05	9.85E-06	4.22E-06
4998	462278.9	3773825	6.46E-05	9.89E-06	4.24E-06
4999	462275.3	3773816	6.48E-05	9.92E-06	4.25E-06
5000	462271.6	3773807	6.50E-05	9.96E-06	4.27E-06
5001	462268	3773799	6.52E-05	9.99E-06	4.28E-06
5002	462264.4	3773790	6.55E-05	1.00E-05	4.30E-06
5003	462260.7	3773782	6.57E-05	1.01E-05	4.31E-06
5004	462257.1	3773773	6.59E-05	1.01E-05	4.32E-06
5005	462249.8	3773756	6.64E-05	1.02E-05	4.36E-06
5006	462246.2	3773747	6.67E-05	1.02E-05	4.38E-06
5007	462242.6	3773739	6.69E-05	1.02E-05	4.39E-06
5008	462238.9	3773730	6.72E-05	1.03E-05	4.41E-06
5009	462235.3	3773721	6.74E-05	1.03E-05	4.42E-06
5010	462231.6	3773713	6.76E-05	1.04E-05	4.44E-06
5011	462228	3773704	6.79E-05	1.04E-05	4.46E-06
5012	462224.4	3773696	6.82E-05	1.04E-05	4.48E-06
5013	462122.6	3773454	7.17E-05	1.10E-05	4.70E-06
5014	462118.9	3773446	7.15E-05	1.10E-05	4.70E-06
5015	462115.3	3773437	7.14E-05	1.09E-05	4.69E-06
5016	462111.7	3773429	7.13E-05	1.09E-05	4.68E-06
5017	462108	3773420	7.11E-05	1.09E-05	4.67E-06
5018	462104.4	3773411	7.08E-05	1.08E-05	4.64E-06
5019	462100.8	3773403	7.05E-05	1.08E-05	4.62E-06
5020	462097.1	3773394	7.03E-05	1.08E-05	4.62E-06
5021	462093.5	3773386	6.99E-05	1.07E-05	4.58E-06
5022	462089.9	3773377	6.96E-05	1.07E-05	4.57E-06
5023	462086.2	3773368	6.93E-05	1.06E-05	4.54E-06
5024	462082.6	3773360	6.89E-05	1.06E-05	4.52E-06
5025	462078.9	3773351	6.86E-05	1.05E-05	4.50E-06
5026	462075.3	3773343	6.83E-05	1.05E-05	4.48E-06
5027	462071.7	3773334	6.81E-05	1.04E-05	4.47E-06
5028	462053.5	3773291	6.65E-05	1.02E-05	4.36E-06
5029	462049.9	3773282	6.62E-05	1.01E-05	4.34E-06
5030	462813.6	3774125	1.10E-04	1.68E-05	7.22E-06
5031	462805	3774122	1.09E-04	1.67E-05	7.15E-06
5032	462796.3	3774118	1.08E-04	1.65E-05	7.09E-06
5033	462787.7	3774114	1.07E-04	1.64E-05	7.02E-06
5034	462779	3774111	1.06E-04	1.62E-05	6.96E-06
5035	462770.4	3774107	1.05E-04	1.61E-05	6.90E-06
5036	462761.7	3774104	1.04E-04	1.59E-05	6.83E-06
5037	462753.1	3774100	1.03E-04	1.58E-05	6.77E-06
5038	462744.4	3774097	1.02E-04	1.57E-05	6.71E-06
5039	462735.8	3774093	1.01E-04	1.55E-05	6.66E-06
5040	462727.1	3774089	1.01E-04	1.54E-05	6.60E-06
5041	462718.4	3774086	9.97E-05	1.53E-05	6.54E-06
5042	462606	3774040	8.85E-05	1.36E-05	5.81E-06
5043	462597.3	3774036	8.77E-05	1.34E-05	5.75E-06

5044	462588.6	3774032	8.69E-05	1.33E-05	5.70E-06
5045	462580	3774029	8.60E-05	1.32E-05	5.65E-06
5046	462571.3	3774025	8.52E-05	1.30E-05	5.59E-06
5047	462562.7	3774022	8.44E-05	1.29E-05	5.54E-06
5048	462554	3774018	8.36E-05	1.28E-05	5.48E-06
5049	462545.4	3774015	8.27E-05	1.27E-05	5.43E-06
5050	462536.7	3774011	8.18E-05	1.25E-05	5.37E-06
5051	462528.1	3774008	8.10E-05	1.24E-05	5.32E-06
5052	462519.4	3774004	8.02E-05	1.23E-05	5.26E-06
5053	462510.8	3774000	7.93E-05	1.21E-05	5.20E-06
5054	462502.1	3773997	7.84E-05	1.20E-05	5.15E-06
5055	462493.5	3773993	7.76E-05	1.19E-05	5.09E-06
5056	462484.8	3773990	7.68E-05	1.18E-05	5.04E-06
5057	462476.2	3773986	7.59E-05	1.16E-05	4.98E-06
5058	462467.5	3773983	7.51E-05	1.15E-05	4.93E-06
5059	462458.8	3773979	7.43E-05	1.14E-05	4.88E-06
5060	462450.2	3773975	7.35E-05	1.13E-05	4.82E-06
5061	462441.5	3773972	7.27E-05	1.11E-05	4.77E-06
5062	462432.9	3773968	7.19E-05	1.10E-05	4.72E-06
5063	462424.2	3773965	7.11E-05	1.09E-05	4.67E-06
5064	462415.6	3773961	7.04E-05	1.08E-05	4.62E-06
5065	462406.9	3773958	6.96E-05	1.07E-05	4.57E-06
5066	462398.3	3773954	6.89E-05	1.05E-05	4.52E-06
5067	462389.6	3773951	6.81E-05	1.04E-05	4.47E-06
5068	462381	3773947	6.74E-05	1.03E-05	4.42E-06
5069	462372.3	3773943	6.67E-05	1.02E-05	4.38E-06
5070	462363.7	3773940	6.60E-05	1.01E-05	4.33E-06
5071	462355	3773936	6.53E-05	9.99E-06	4.28E-06
5072	462346.4	3773933	6.46E-05	9.89E-06	4.24E-06
5073	462337.7	3773929	6.39E-05	9.79E-06	4.20E-06
5074	462329	3773926	6.33E-05	9.69E-06	4.15E-06
5075	462320.4	3773922	6.27E-05	9.59E-06	4.11E-06
5076	462255	3773863	6.00E-05	9.19E-06	3.94E-06
5077	462251.3	3773854	6.02E-05	9.21E-06	3.95E-06
5078	462247.7	3773846	6.04E-05	9.24E-06	3.96E-06
5079	462244.1	3773837	6.05E-05	9.26E-06	3.97E-06
5080	462240.4	3773829	6.07E-05	9.29E-06	3.98E-06
5081	462236.8	3773820	6.09E-05	9.33E-06	4.00E-06
5082	462233.1	3773811	6.12E-05	9.36E-06	4.01E-06
5083	462229.5	3773803	6.14E-05	9.39E-06	4.03E-06
5084	462225.9	3773794	6.15E-05	9.42E-06	4.04E-06
5085	462207.7	3773751	6.26E-05	9.59E-06	4.11E-06
5086	462204	3773742	6.28E-05	9.61E-06	4.12E-06
5087	462200.4	3773734	6.30E-05	9.65E-06	4.14E-06
5088	462196.7	3773725	6.33E-05	9.69E-06	4.15E-06
5089	462185.8	3773699	6.40E-05	9.80E-06	4.20E-06
5090	462182.2	3773691	6.42E-05	9.83E-06	4.21E-06
5091	462178.5	3773682	6.44E-05	9.86E-06	4.23E-06
5092	462174.9	3773673	6.46E-05	9.89E-06	4.24E-06
5093	462171.3	3773665	6.49E-05	9.93E-06	4.26E-06
5094	462083.9	3773458	6.67E-05	1.02E-05	4.38E-06
5095	462080.2	3773449	6.65E-05	1.02E-05	4.37E-06

5096	462076.6	3773441	6.64E-05	1.02E-05	4.36E-06
5097	462073	3773432	6.62E-05	1.01E-05	4.35E-06
5098	462054.8	3773389	6.51E-05	9.96E-06	4.27E-06
5099	462051.1	3773380	6.48E-05	9.92E-06	4.25E-06
5100	462047.5	3773372	6.46E-05	9.89E-06	4.24E-06
5101	462043.8	3773363	6.43E-05	9.84E-06	4.22E-06
5102	462040.2	3773355	6.38E-05	9.77E-06	4.19E-06
5103	462036.6	3773346	6.36E-05	9.73E-06	4.17E-06
5104	462032.9	3773337	6.32E-05	9.68E-06	4.15E-06
5105	462029.3	3773329	6.29E-05	9.64E-06	4.13E-06
5106	462025.6	3773320	6.27E-05	9.59E-06	4.11E-06
5107	462022	3773311	6.24E-05	9.56E-06	4.10E-06
5108	462018.4	3773303	6.22E-05	9.52E-06	4.08E-06
5109	462014.7	3773294	6.20E-05	9.49E-06	4.07E-06
5110	462011.1	3773286	6.17E-05	9.45E-06	4.05E-06
5111	462917.5	3774208	1.15E-04	1.76E-05	7.53E-06
5112	462908.8	3774204	1.14E-04	1.74E-05	7.47E-06
5113	462900.2	3774201	1.13E-04	1.73E-05	7.40E-06
5114	462891.5	3774197	1.12E-04	1.71E-05	7.34E-06
5115	462882.9	3774194	1.11E-04	1.70E-05	7.27E-06
5116	462874.3	3774190	1.10E-04	1.68E-05	7.21E-06
5117	462865.6	3774186	1.09E-04	1.67E-05	7.14E-06
5118	462857	3774183	1.08E-04	1.65E-05	7.08E-06
5119	462848.3	3774179	1.07E-04	1.64E-05	7.01E-06
5120	462839.7	3774176	1.06E-04	1.62E-05	6.95E-06
5121	462831	3774172	1.05E-04	1.61E-05	6.89E-06
5122	462813.7	3774165	1.03E-04	1.58E-05	6.78E-06
5123	462805.1	3774162	1.02E-04	1.57E-05	6.72E-06
5124	462796.5	3774158	1.01E-04	1.55E-05	6.66E-06
5125	462787.8	3774154	1.01E-04	1.54E-05	6.60E-06
5126	462779.2	3774151	9.97E-05	1.53E-05	6.54E-06
5127	462770.5	3774147	9.88E-05	1.51E-05	6.48E-06
5128	462761.9	3774144	9.80E-05	1.50E-05	6.43E-06
5129	462753.2	3774140	9.71E-05	1.49E-05	6.37E-06
5130	462744.6	3774137	9.63E-05	1.47E-05	6.32E-06
5131	462735.9	3774133	9.55E-05	1.46E-05	6.27E-06
5132	462727.3	3774130	9.47E-05	1.45E-05	6.21E-06
5133	462718.7	3774126	9.39E-05	1.44E-05	6.16E-06
5134	462710	3774122	9.31E-05	1.43E-05	6.11E-06
5135	462701.4	3774119	9.23E-05	1.41E-05	6.06E-06
5136	462692.7	3774115	9.15E-05	1.40E-05	6.01E-06
5137	462684.1	3774112	9.07E-05	1.39E-05	5.95E-06
5138	462675.4	3774108	8.99E-05	1.38E-05	5.90E-06
5139	462666.8	3774105	8.92E-05	1.37E-05	5.85E-06
5140	462658.1	3774101	8.84E-05	1.35E-05	5.80E-06
5141	462649.5	3774098	8.77E-05	1.34E-05	5.75E-06
5142	462640.8	3774094	8.69E-05	1.33E-05	5.70E-06
5143	462511.2	3774041	7.58E-05	1.16E-05	4.97E-06
5144	462502.5	3774037	7.50E-05	1.15E-05	4.92E-06
5145	462493.9	3774033	7.42E-05	1.14E-05	4.87E-06
5146	462485.2	3774030	7.35E-05	1.12E-05	4.82E-06
5147	462476.6	3774026	7.27E-05	1.11E-05	4.77E-06

5148	462468	3774023	7.20E-05	1.10E-05	4.72E-06
5149	462459.3	3774019	7.13E-05	1.09E-05	4.68E-06
5150	462450.7	3774016	7.05E-05	1.08E-05	4.63E-06
5151	462442	3774012	6.98E-05	1.07E-05	4.58E-06
5152	462433.4	3774009	6.91E-05	1.06E-05	4.54E-06
5153	462424.7	3774005	6.84E-05	1.05E-05	4.49E-06
5154	462416.1	3774001	6.77E-05	1.04E-05	4.44E-06
5155	462407.4	3773998	6.70E-05	1.03E-05	4.40E-06
5156	462398.8	3773994	6.64E-05	1.02E-05	4.35E-06
5157	462390.2	3773991	6.57E-05	1.01E-05	4.31E-06
5158	462381.5	3773987	6.50E-05	9.94E-06	4.26E-06
5159	462372.9	3773984	6.43E-05	9.84E-06	4.22E-06
5160	462364.2	3773980	6.36E-05	9.74E-06	4.17E-06
5161	462355.6	3773977	6.29E-05	9.64E-06	4.13E-06
5162	462346.9	3773973	6.23E-05	9.54E-06	4.09E-06
5163	462338.3	3773969	6.17E-05	9.45E-06	4.05E-06
5164	462329.6	3773966	6.11E-05	9.36E-06	4.01E-06
5165	462321	3773962	6.06E-05	9.27E-06	3.97E-06
5166	462206.2	3773843	5.71E-05	8.74E-06	3.75E-06
5167	462202.6	3773834	5.73E-05	8.77E-06	3.76E-06
5168	462199	3773826	5.75E-05	8.80E-06	3.77E-06
5169	462195.3	3773817	5.77E-05	8.83E-06	3.78E-06
5170	462191.7	3773808	5.78E-05	8.86E-06	3.80E-06
5171	462188	3773800	5.80E-05	8.88E-06	3.81E-06
5172	462184.4	3773791	5.82E-05	8.91E-06	3.82E-06
5173	462180.8	3773782	5.84E-05	8.93E-06	3.83E-06
5174	462177.1	3773774	5.85E-05	8.96E-06	3.84E-06
5175	462173.5	3773765	5.87E-05	8.99E-06	3.85E-06
5176	462169.9	3773757	5.89E-05	9.02E-06	3.87E-06
5177	462166.2	3773748	5.91E-05	9.05E-06	3.88E-06
5178	462162.6	3773739	5.93E-05	9.08E-06	3.89E-06
5179	462159	3773731	5.95E-05	9.11E-06	3.91E-06
5180	462144.4	3773696	6.03E-05	9.23E-06	3.96E-06
5181	462140.8	3773688	6.05E-05	9.26E-06	3.97E-06
5182	462137.1	3773679	6.07E-05	9.29E-06	3.98E-06
5183	462133.5	3773671	6.09E-05	9.32E-06	4.00E-06
5184	462042.6	3773455	6.21E-05	9.51E-06	4.08E-06
5185	462039	3773447	6.21E-05	9.50E-06	4.07E-06
5186	462035.3	3773438	6.19E-05	9.47E-06	4.06E-06
5187	462031.7	3773429	6.17E-05	9.44E-06	4.05E-06
5188	462028	3773421	6.14E-05	9.41E-06	4.03E-06
5189	462024.4	3773412	6.13E-05	9.38E-06	4.02E-06
5190	462020.8	3773404	6.10E-05	9.34E-06	4.00E-06
5191	462017.1	3773395	6.08E-05	9.31E-06	3.99E-06
5192	462013.5	3773386	6.06E-05	9.27E-06	3.97E-06
5193	462009.9	3773378	6.04E-05	9.24E-06	3.96E-06
5194	462006.2	3773369	6.01E-05	9.21E-06	3.95E-06
5195	462002.6	3773361	6.00E-05	9.18E-06	3.93E-06
5196	461999	3773352	5.95E-05	9.11E-06	3.91E-06
5197	461995.3	3773343	5.92E-05	9.07E-06	3.89E-06
5198	461991.7	3773335	5.90E-05	9.03E-06	3.87E-06
5199	461988	3773326	5.87E-05	8.98E-06	3.85E-06

5200	461984.4	3773317	5.85E-05	8.96E-06	3.84E-06
5201	461980.8	3773309	5.83E-05	8.92E-06	3.82E-06
5202	461977.1	3773300	5.81E-05	8.89E-06	3.81E-06
5203	461973.5	3773292	5.78E-05	8.86E-06	3.80E-06
5204	461969.9	3773283	5.76E-05	8.81E-06	3.78E-06
5205	462917.5	3774248	1.08E-04	1.65E-05	7.06E-06
5206	462908.8	3774244	1.07E-04	1.63E-05	7.00E-06
5207	462900.2	3774241	1.06E-04	1.62E-05	6.94E-06
5208	462891.5	3774237	1.05E-04	1.60E-05	6.87E-06
5209	462882.9	3774234	1.04E-04	1.59E-05	6.82E-06
5210	462874.2	3774230	1.03E-04	1.58E-05	6.76E-06
5211	462865.5	3774226	1.02E-04	1.56E-05	6.71E-06
5212	462856.9	3774223	1.01E-04	1.55E-05	6.65E-06
5213	462848.2	3774219	1.00E-04	1.54E-05	6.59E-06
5214	462839.6	3774216	9.96E-05	1.52E-05	6.53E-06
5215	462830.9	3774212	9.87E-05	1.51E-05	6.48E-06
5216	462822.3	3774209	9.79E-05	1.50E-05	6.43E-06
5217	462813.6	3774205	9.71E-05	1.49E-05	6.37E-06
5218	462805	3774202	9.63E-05	1.47E-05	6.32E-06
5219	462796.3	3774198	9.54E-05	1.46E-05	6.26E-06
5220	462787.7	3774194	9.47E-05	1.45E-05	6.21E-06
5221	462779	3774191	9.39E-05	1.44E-05	6.16E-06
5222	462770.4	3774187	9.31E-05	1.43E-05	6.11E-06
5223	462761.7	3774184	9.24E-05	1.41E-05	6.06E-06
5224	462753	3774180	9.16E-05	1.40E-05	6.01E-06
5225	462744.4	3774177	9.08E-05	1.39E-05	5.96E-06
5226	462735.7	3774173	9.01E-05	1.38E-05	5.91E-06
5227	462727.1	3774169	8.93E-05	1.37E-05	5.86E-06
5228	462718.4	3774166	8.86E-05	1.36E-05	5.82E-06
5229	462709.8	3774162	8.79E-05	1.35E-05	5.77E-06
5230	462701.1	3774159	8.72E-05	1.34E-05	5.72E-06
5231	462692.5	3774155	8.65E-05	1.32E-05	5.68E-06
5232	462683.8	3774152	8.59E-05	1.31E-05	5.63E-06
5233	462675.2	3774148	8.52E-05	1.30E-05	5.59E-06
5234	462666.5	3774145	8.45E-05	1.29E-05	5.55E-06
5235	462657.8	3774141	8.38E-05	1.28E-05	5.50E-06
5236	462649.2	3774137	8.31E-05	1.27E-05	5.46E-06
5237	462640.5	3774134	8.25E-05	1.26E-05	5.41E-06
5238	462631.9	3774130	8.18E-05	1.25E-05	5.37E-06
5239	462605.9	3774120	7.98E-05	1.22E-05	5.24E-06
5240	462597.3	3774116	7.91E-05	1.21E-05	5.19E-06
5241	462588.6	3774112	7.84E-05	1.20E-05	5.15E-06
5242	462580	3774109	7.77E-05	1.19E-05	5.10E-06
5243	462571.3	3774105	7.71E-05	1.18E-05	5.06E-06
5244	462562.7	3774102	7.64E-05	1.17E-05	5.01E-06
5245	462554	3774098	7.58E-05	1.16E-05	4.97E-06
5246	462545.3	3774095	7.51E-05	1.15E-05	4.93E-06
5247	462536.7	3774091	7.44E-05	1.14E-05	4.88E-06
5248	462528	3774088	7.37E-05	1.13E-05	4.84E-06
5249	462519.4	3774084	7.30E-05	1.12E-05	4.79E-06
5250	462415.5	3774041	6.52E-05	9.98E-06	4.28E-06
5251	462406.9	3774038	6.45E-05	9.88E-06	4.23E-06

5252	462398.2	3774034	6.39E-05	9.78E-06	4.19E-06
5253	462389.6	3774031	6.32E-05	9.68E-06	4.15E-06
5254	462380.9	3774027	6.26E-05	9.58E-06	4.11E-06
5255	462372.3	3774023	6.20E-05	9.49E-06	4.07E-06
5256	462363.6	3774020	6.14E-05	9.39E-06	4.03E-06
5257	462355	3774016	6.08E-05	9.31E-06	3.99E-06
5258	462346.3	3774013	6.02E-05	9.21E-06	3.95E-06
5259	462337.6	3774009	5.96E-05	9.13E-06	3.91E-06
5260	462329	3774006	5.90E-05	9.03E-06	3.87E-06
5261	462320.3	3774002	5.85E-05	8.95E-06	3.84E-06
5262	462211.4	3773950	5.24E-05	8.02E-06	3.44E-06
5263	462207.8	3773941	5.26E-05	8.05E-06	3.45E-06
5264	462204.1	3773933	5.27E-05	8.07E-06	3.46E-06
5265	462200.5	3773924	5.28E-05	8.09E-06	3.47E-06
5266	462196.8	3773916	5.29E-05	8.10E-06	3.47E-06
5267	462193.2	3773907	5.30E-05	8.12E-06	3.48E-06
5268	462189.6	3773898	5.32E-05	8.14E-06	3.49E-06
5269	462185.9	3773890	5.33E-05	8.16E-06	3.50E-06
5270	462182.3	3773881	5.35E-05	8.18E-06	3.51E-06
5271	462171.4	3773855	5.39E-05	8.25E-06	3.54E-06
5272	462167.7	3773847	5.41E-05	8.28E-06	3.55E-06
5273	462164.1	3773838	5.42E-05	8.30E-06	3.56E-06
5274	462160.4	3773829	5.43E-05	8.32E-06	3.57E-06
5275	462156.8	3773821	5.45E-05	8.34E-06	3.58E-06
5276	462153.2	3773812	5.47E-05	8.37E-06	3.59E-06
5277	462149.5	3773804	5.48E-05	8.39E-06	3.60E-06
5278	462145.9	3773795	5.50E-05	8.42E-06	3.61E-06
5279	462127.7	3773752	5.59E-05	8.55E-06	3.67E-06
5280	462124	3773743	5.61E-05	8.58E-06	3.68E-06
5281	462120.4	3773735	5.63E-05	8.61E-06	3.69E-06
5282	462116.8	3773726	5.64E-05	8.64E-06	3.70E-06
5283	462105.8	3773700	5.70E-05	8.72E-06	3.74E-06
5284	462102.2	3773691	5.71E-05	8.74E-06	3.75E-06
5285	462098.6	3773683	5.73E-05	8.77E-06	3.76E-06
5286	462094.9	3773674	5.74E-05	8.79E-06	3.77E-06
5287	462091.3	3773666	5.76E-05	8.82E-06	3.78E-06
5288	462003.9	3773459	5.82E-05	8.91E-06	3.82E-06
5289	462000.3	3773450	5.80E-05	8.88E-06	3.81E-06
5290	461996.6	3773441	5.79E-05	8.86E-06	3.80E-06
5291	461993	3773433	5.77E-05	8.83E-06	3.79E-06
5292	461989.3	3773424	5.75E-05	8.81E-06	3.77E-06
5293	461985.7	3773416	5.73E-05	8.78E-06	3.76E-06
5294	461982.1	3773407	5.71E-05	8.75E-06	3.75E-06
5295	461978.4	3773398	5.70E-05	8.73E-06	3.74E-06
5296	461974.8	3773390	5.68E-05	8.70E-06	3.73E-06
5297	461971.1	3773381	5.66E-05	8.67E-06	3.72E-06
5298	461967.5	3773372	5.64E-05	8.64E-06	3.70E-06
5299	461963.9	3773364	5.63E-05	8.61E-06	3.69E-06
5300	461960.2	3773355	5.59E-05	8.55E-06	3.67E-06
5301	461956.6	3773347	5.56E-05	8.52E-06	3.65E-06
5302	461952.9	3773338	5.54E-05	8.48E-06	3.63E-06
5303	461949.3	3773329	5.51E-05	8.44E-06	3.62E-06

5304	461945.7	3773321	5.49E-05	8.41E-06	3.61E-06
5305	461942	3773312	5.48E-05	8.38E-06	3.59E-06
5306	461938.4	3773304	5.46E-05	8.35E-06	3.58E-06
5307	461934.7	3773295	5.44E-05	8.33E-06	3.57E-06
5308	461931.1	3773286	5.42E-05	8.29E-06	3.55E-06
5309	462929.8	3773288	2.06E-02	3.15E-03	1.35E-03
5310	462939.1	3773288	2.62E-02	4.01E-03	1.72E-03
5311	462948.5	3773288	3.27E-02	5.01E-03	2.15E-03
5312	462957.8	3773288	3.99E-02	6.10E-03	2.62E-03
5313	462967.1	3773288	4.71E-02	7.20E-03	3.09E-03
5314	462976.4	3773288	5.38E-02	8.23E-03	3.53E-03
5315	462985.8	3773288	5.95E-02	9.11E-03	3.91E-03
5316	462995.1	3773288	6.38E-02	9.77E-03	4.19E-03
5317	463004.4	3773288	6.67E-02	1.02E-02	4.38E-03
5318	462929.8	3773298	1.63E-02	2.49E-03	1.07E-03
5319	462939.1	3773298	2.01E-02	3.08E-03	1.32E-03
5320	462948.5	3773298	2.45E-02	3.75E-03	1.61E-03
5321	462957.8	3773298	2.94E-02	4.50E-03	1.93E-03
5322	462967.1	3773298	3.44E-02	5.27E-03	2.26E-03
5323	462976.4	3773298	3.93E-02	6.01E-03	2.58E-03
5324	462985.8	3773298	4.36E-02	6.68E-03	2.86E-03
5325	462995.1	3773298	4.72E-02	7.23E-03	3.10E-03
5326	462929.8	3773308	1.34E-02	2.05E-03	8.77E-04
5327	462939.1	3773308	1.61E-02	2.47E-03	1.06E-03
5328	462948.5	3773308	1.93E-02	2.96E-03	1.27E-03
5329	462957.8	3773308	2.28E-02	3.49E-03	1.50E-03
5330	462967.1	3773308	2.64E-02	4.04E-03	1.73E-03
5331	462976.4	3773308	3.00E-02	4.59E-03	1.97E-03
5332	462985.8	3773308	3.34E-02	5.11E-03	2.19E-03
5333	462995.1	3773308	3.62E-02	5.55E-03	2.38E-03
5334	463004.4	3773308	3.86E-02	5.92E-03	2.54E-03
5335	462929.8	3773318	1.12E-02	1.71E-03	7.33E-04
5336	462939.1	3773318	1.32E-02	2.03E-03	8.69E-04
5337	462948.5	3773318	1.56E-02	2.39E-03	1.02E-03
5338	462957.8	3773318	1.82E-02	2.78E-03	1.19E-03
5339	462967.1	3773318	2.08E-02	3.19E-03	1.37E-03
5340	462976.4	3773318	2.36E-02	3.61E-03	1.55E-03
5341	462985.8	3773318	2.61E-02	4.00E-03	1.71E-03
5342	462995.1	3773318	2.84E-02	4.35E-03	1.87E-03
5343	462929.8	3773328	9.43E-03	1.44E-03	6.19E-04
5344	462939.1	3773328	1.10E-02	1.69E-03	7.23E-04
5345	462948.5	3773328	1.28E-02	1.96E-03	8.39E-04
5346	462957.8	3773328	1.47E-02	2.25E-03	9.66E-04
5347	462967.1	3773328	1.68E-02	2.57E-03	1.10E-03
5348	462976.4	3773328	1.89E-02	2.89E-03	1.24E-03
5349	462985.8	3773328	2.09E-02	3.20E-03	1.37E-03
5350	462995.1	3773328	2.28E-02	3.48E-03	1.49E-03
5351	462929.8	3773338	7.97E-03	1.22E-03	5.23E-04
5352	462939.1	3773338	9.20E-03	1.41E-03	6.04E-04
5353	462948.5	3773338	1.06E-02	1.62E-03	6.93E-04
5354	462957.8	3773338	1.20E-02	1.84E-03	7.90E-04
5355	462967.1	3773338	1.36E-02	2.08E-03	8.92E-04

5356	462976.4	3773338	1.52E-02	2.33E-03	1.00E-03
5357	462985.8	3773338	1.69E-02	2.59E-03	1.11E-03
5358	462995.1	3773338	1.85E-02	2.83E-03	1.21E-03
5359	463004.4	3773338	1.99E-02	3.04E-03	1.31E-03
5360	462929.8	3773348	6.83E-03	1.05E-03	4.48E-04
5361	462939.1	3773348	7.79E-03	1.19E-03	5.11E-04
5362	462948.5	3773348	8.85E-03	1.36E-03	5.81E-04
5363	462957.8	3773348	1.00E-02	1.53E-03	6.57E-04
5364	462967.1	3773348	1.12E-02	1.72E-03	7.37E-04
5365	462976.4	3773348	1.25E-02	1.92E-03	8.23E-04
5366	462985.8	3773348	1.39E-02	2.13E-03	9.13E-04
5367	462995.1	3773348	1.52E-02	2.33E-03	1.00E-03
5368	462929.8	3773368	5.22E-03	7.98E-04	3.42E-04
5369	462939.1	3773368	5.85E-03	8.95E-04	3.84E-04
5370	462948.5	3773368	6.54E-03	1.00E-03	4.29E-04
5371	462957.8	3773368	7.28E-03	1.12E-03	4.78E-04
5372	462967.1	3773368	8.07E-03	1.24E-03	5.30E-04
5373	462976.4	3773368	8.92E-03	1.37E-03	5.85E-04
5374	462985.8	3773368	9.79E-03	1.50E-03	6.43E-04
5375	462995.1	3773368	1.07E-02	1.63E-03	7.00E-04
5376	462929.8	3773388	4.11E-03	6.30E-04	2.70E-04
5377	462939.1	3773388	4.55E-03	6.97E-04	2.99E-04
5378	462948.5	3773388	5.03E-03	7.70E-04	3.30E-04
5379	462957.8	3773388	5.54E-03	8.47E-04	3.63E-04
5380	462967.1	3773388	6.07E-03	9.29E-04	3.98E-04
5381	462976.4	3773388	6.63E-03	1.01E-03	4.35E-04
5382	462985.8	3773388	7.19E-03	1.10E-03	4.72E-04
5383	462995.1	3773388	7.76E-03	1.19E-03	5.09E-04
5384	462929.8	3773408	3.27E-03	5.01E-04	2.15E-04
5385	462939.1	3773408	3.58E-03	5.49E-04	2.35E-04
5386	462948.5	3773408	3.92E-03	6.00E-04	2.57E-04
5387	462957.8	3773408	4.27E-03	6.54E-04	2.80E-04
5388	462967.1	3773408	4.65E-03	7.12E-04	3.05E-04
5389	462976.4	3773408	5.04E-03	7.71E-04	3.31E-04
5390	462985.8	3773408	5.44E-03	8.32E-04	3.57E-04
5391	462995.1	3773408	5.84E-03	8.94E-04	3.83E-04
5392	463004.4	3773408	6.25E-03	9.57E-04	4.10E-04
5393	462929.8	3773428	2.68E-03	4.10E-04	1.76E-04
5394	462939.1	3773428	2.91E-03	4.45E-04	1.91E-04
5395	462948.5	3773428	3.15E-03	4.83E-04	2.07E-04
5396	462957.8	3773428	3.41E-03	5.22E-04	2.24E-04
5397	462967.1	3773428	3.69E-03	5.64E-04	2.42E-04
5398	462976.4	3773428	3.97E-03	6.08E-04	2.60E-04
5399	462985.8	3773428	4.26E-03	6.52E-04	2.80E-04
5400	462995.1	3773428	4.56E-03	6.97E-04	2.99E-04
5401	463004.4	3773428	4.86E-03	7.44E-04	3.19E-04
5402	462929.8	3773448	2.23E-03	3.42E-04	1.47E-04
5403	462939.1	3773448	2.41E-03	3.69E-04	1.58E-04
5404	462948.5	3773448	2.59E-03	3.97E-04	1.70E-04
5405	462957.8	3773448	2.79E-03	4.27E-04	1.83E-04
5406	462967.1	3773448	2.99E-03	4.58E-04	1.96E-04
5407	462976.4	3773448	3.21E-03	4.91E-04	2.10E-04

5408	462985.8	3773448	3.42E-03	5.24E-04	2.25E-04
5409	462995.1	3773448	3.65E-03	5.58E-04	2.39E-04
5410	463004.4	3773448	3.87E-03	5.93E-04	2.54E-04
5411	462929.8	3773488	1.59E-03	2.43E-04	1.04E-04
5412	462939.1	3773488	1.70E-03	2.60E-04	1.11E-04
5413	462948.5	3773488	1.81E-03	2.77E-04	1.19E-04
5414	462957.8	3773488	1.92E-03	2.95E-04	1.26E-04
5415	462967.1	3773488	2.05E-03	3.13E-04	1.34E-04
5416	462976.4	3773488	2.17E-03	3.32E-04	1.43E-04
5417	462985.8	3773488	2.30E-03	3.52E-04	1.51E-04
5418	462995.1	3773488	2.43E-03	3.73E-04	1.60E-04
5419	462929.8	3773508	1.37E-03	2.10E-04	8.98E-05
5420	462939.1	3773508	1.46E-03	2.23E-04	9.57E-05
5421	462948.5	3773508	1.55E-03	2.37E-04	1.02E-04
5422	462957.8	3773508	1.64E-03	2.51E-04	1.08E-04
5423	462967.1	3773508	1.74E-03	2.66E-04	1.14E-04
5424	462976.4	3773508	1.84E-03	2.81E-04	1.21E-04
5425	462985.8	3773508	1.94E-03	2.97E-04	1.27E-04
5426	462995.1	3773508	2.05E-03	3.13E-04	1.34E-04
5427	462929.8	3773528	1.19E-03	1.82E-04	7.79E-05
5428	462939.1	3773528	1.26E-03	1.92E-04	8.24E-05
5429	462948.5	3773528	1.33E-03	2.03E-04	8.71E-05
5430	462957.8	3773528	1.40E-03	2.14E-04	9.20E-05
5431	462967.1	3773528	1.48E-03	2.26E-04	9.70E-05
5432	462976.4	3773528	1.56E-03	2.39E-04	1.02E-04
5433	462985.8	3773528	1.64E-03	2.51E-04	1.08E-04
5434	462995.1	3773528	1.73E-03	2.64E-04	1.13E-04
5435	462929.8	3773548	1.04E-03	1.59E-04	6.80E-05
5436	462939.1	3773548	1.09E-03	1.67E-04	7.16E-05
5437	462948.5	3773548	1.15E-03	1.76E-04	7.55E-05
5438	462957.8	3773548	1.21E-03	1.86E-04	7.96E-05
5439	462967.1	3773548	1.28E-03	1.96E-04	8.38E-05
5440	462976.4	3773548	1.34E-03	2.06E-04	8.82E-05
5441	462985.8	3773548	1.41E-03	2.16E-04	9.26E-05
5442	462995.1	3773548	1.48E-03	2.27E-04	9.71E-05
5443	462929.8	3773578	8.59E-04	1.32E-04	5.64E-05
5444	462939.1	3773578	9.01E-04	1.38E-04	5.91E-05
5445	462948.5	3773578	9.47E-04	1.45E-04	6.21E-05
5446	462957.8	3773578	9.94E-04	1.52E-04	6.52E-05
5447	462967.1	3773578	1.04E-03	1.60E-04	6.85E-05
5448	462976.4	3773578	1.09E-03	1.67E-04	7.18E-05
5449	462985.8	3773578	1.14E-03	1.75E-04	7.51E-05
5450	462995.1	3773578	1.20E-03	1.83E-04	7.85E-05
5451	462929.8	3773608	7.27E-04	1.11E-04	4.77E-05
5452	462939.1	3773608	7.61E-04	1.16E-04	4.99E-05
5453	462948.5	3773608	7.95E-04	1.22E-04	5.21E-05
5454	462957.8	3773608	8.30E-04	1.27E-04	5.45E-05
5455	462967.1	3773608	8.67E-04	1.33E-04	5.69E-05
5456	462976.4	3773608	9.04E-04	1.38E-04	5.93E-05
5457	462985.8	3773608	9.43E-04	1.44E-04	6.19E-05
5458	462995.1	3773608	9.83E-04	1.50E-04	6.45E-05
5459	462929.8	3773638	6.21E-04	9.51E-05	4.08E-05

5460	462939.1	3773638	6.48E-04	9.92E-05	4.25E-05
5461	462948.5	3773638	6.75E-04	1.03E-04	4.43E-05
5462	462957.8	3773638	7.02E-04	1.08E-04	4.61E-05
5463	462967.1	3773638	7.31E-04	1.12E-04	4.80E-05
5464	462976.4	3773638	7.61E-04	1.17E-04	5.00E-05
5465	462985.8	3773638	7.93E-04	1.21E-04	5.20E-05
5466	462995.1	3773638	8.25E-04	1.26E-04	5.41E-05
5467	462929.8	3773668	5.37E-04	8.22E-05	3.52E-05
5468	462939.1	3773668	5.58E-04	8.54E-05	3.66E-05
5469	462948.5	3773668	5.79E-04	8.86E-05	3.80E-05
5470	462957.8	3773668	6.01E-04	9.20E-05	3.94E-05
5471	462967.1	3773668	6.24E-04	9.55E-05	4.10E-05
5472	462976.4	3773668	6.48E-04	9.93E-05	4.26E-05
5473	462985.8	3773668	6.74E-04	1.03E-04	4.42E-05
5474	462995.1	3773668	7.00E-04	1.07E-04	4.59E-05
5475	462929.8	3773698	4.69E-04	7.18E-05	3.08E-05
5476	462939.1	3773698	4.86E-04	7.44E-05	3.19E-05
5477	462948.5	3773698	5.04E-04	7.71E-05	3.30E-05
5478	462957.8	3773698	5.22E-04	7.99E-05	3.43E-05
5479	462967.1	3773698	5.41E-04	8.29E-05	3.55E-05
5480	462976.4	3773698	5.61E-04	8.58E-05	3.68E-05
5481	462985.8	3773698	5.80E-04	8.88E-05	3.81E-05
5482	462995.1	3773698	6.00E-04	9.19E-05	3.94E-05
5483	462929.8	3773728	4.13E-04	6.32E-05	2.71E-05
5484	462939.1	3773728	4.27E-04	6.53E-05	2.80E-05
5485	462948.5	3773728	4.41E-04	6.76E-05	2.90E-05
5486	462957.8	3773728	4.57E-04	6.99E-05	3.00E-05
5487	462967.1	3773728	4.73E-04	7.24E-05	3.10E-05
5488	462976.4	3773728	4.89E-04	7.48E-05	3.21E-05
5489	462985.8	3773728	5.05E-04	7.73E-05	3.31E-05
5490	462995.1	3773728	5.21E-04	7.98E-05	3.42E-05
5491	463004.4	3773728	5.38E-04	8.24E-05	3.53E-05
5492	462929.8	3773758	3.67E-04	5.62E-05	2.41E-05
5493	462939.1	3773758	3.79E-04	5.79E-05	2.48E-05
5494	462948.5	3773758	3.91E-04	5.98E-05	2.56E-05
5495	462957.8	3773758	4.03E-04	6.17E-05	2.65E-05
5496	462967.1	3773758	4.16E-04	6.38E-05	2.73E-05
5497	462976.4	3773758	4.30E-04	6.58E-05	2.82E-05
5498	462985.8	3773758	4.43E-04	6.78E-05	2.91E-05
5499	462995.1	3773758	4.57E-04	6.99E-05	3.00E-05
5500	463004.4	3773758	4.71E-04	7.21E-05	3.09E-05
5501	462929.8	3773788	3.28E-04	5.02E-05	2.15E-05
5502	462939.1	3773788	3.38E-04	5.17E-05	2.22E-05
5503	462948.5	3773788	3.48E-04	5.33E-05	2.29E-05
5504	462957.8	3773788	3.59E-04	5.50E-05	2.36E-05
5505	462967.1	3773788	3.70E-04	5.67E-05	2.43E-05
5506	462976.4	3773788	3.81E-04	5.84E-05	2.50E-05
5507	462985.8	3773788	3.93E-04	6.01E-05	2.58E-05
5508	462995.1	3773788	4.04E-04	6.19E-05	2.65E-05
5509	462929.8	3773818	2.96E-04	4.53E-05	1.94E-05
5510	462939.1	3773818	3.04E-04	4.66E-05	2.00E-05
5511	462948.5	3773818	3.13E-04	4.79E-05	2.05E-05

5512	462957.8	3773818	3.22E-04	4.93E-05	2.11E-05
5513	462967.1	3773818	3.31E-04	5.07E-05	2.18E-05
5514	462976.4	3773818	3.41E-04	5.22E-05	2.24E-05
5515	462985.8	3773818	3.50E-04	5.36E-05	2.30E-05
5516	462995.1	3773818	3.60E-04	5.51E-05	2.36E-05
5517	462929.8	3773848	2.68E-04	4.11E-05	1.76E-05
5518	462939.1	3773848	2.75E-04	4.22E-05	1.81E-05
5519	462948.5	3773848	2.83E-04	4.33E-05	1.86E-05
5520	462957.8	3773848	2.91E-04	4.45E-05	1.91E-05
5521	462967.1	3773848	2.99E-04	4.58E-05	1.96E-05
5522	462976.4	3773848	3.07E-04	4.70E-05	2.01E-05
5523	462985.8	3773848	3.15E-04	4.83E-05	2.07E-05
5524	462995.1	3773848	3.24E-04	4.95E-05	2.12E-05
5525	463004.4	3773848	3.32E-04	5.08E-05	2.18E-05
5526	462929.8	3773888	2.38E-04	3.64E-05	1.56E-05
5527	462939.1	3773888	2.43E-04	3.73E-05	1.60E-05
5528	462948.5	3773888	2.50E-04	3.82E-05	1.64E-05
5529	462957.8	3773888	2.56E-04	3.92E-05	1.68E-05
5530	462967.1	3773888	2.63E-04	4.03E-05	1.73E-05
5531	462976.4	3773888	2.70E-04	4.13E-05	1.77E-05
5532	462985.8	3773888	2.76E-04	4.23E-05	1.81E-05
5533	462995.1	3773888	2.83E-04	4.34E-05	1.86E-05
5534	462929.8	3773928	2.13E-04	3.26E-05	1.40E-05
5535	462939.1	3773928	2.18E-04	3.33E-05	1.43E-05
5536	462948.5	3773928	2.23E-04	3.41E-05	1.46E-05
5537	462957.8	3773928	2.28E-04	3.49E-05	1.50E-05
5538	462967.1	3773928	2.33E-04	3.57E-05	1.53E-05
5539	462976.4	3773928	2.39E-04	3.66E-05	1.57E-05
5540	462985.8	3773928	2.44E-04	3.74E-05	1.60E-05
5541	462995.1	3773928	2.50E-04	3.83E-05	1.64E-05
5542	462929.8	3773968	1.91E-04	2.93E-05	1.26E-05
5543	462939.1	3773968	1.96E-04	3.00E-05	1.28E-05
5544	462948.5	3773968	2.00E-04	3.06E-05	1.31E-05
5545	462957.8	3773968	2.05E-04	3.13E-05	1.34E-05
5546	462967.1	3773968	2.09E-04	3.20E-05	1.37E-05
5547	462976.4	3773968	2.14E-04	3.28E-05	1.40E-05
5548	462985.8	3773968	2.19E-04	3.35E-05	1.44E-05
5549	462995.1	3773968	2.24E-04	3.42E-05	1.47E-05
5550	463004.4	3773968	2.28E-04	3.50E-05	1.50E-05
5551	462929.8	3774008	1.74E-04	2.66E-05	1.14E-05
5552	462939.1	3774008	1.78E-04	2.72E-05	1.17E-05
5553	462948.5	3774008	1.81E-04	2.78E-05	1.19E-05
5554	462957.8	3774008	1.85E-04	2.84E-05	1.22E-05
5555	462967.1	3774008	1.89E-04	2.89E-05	1.24E-05
5556	462976.4	3774008	1.93E-04	2.96E-05	1.27E-05
5557	462985.8	3774008	1.97E-04	3.02E-05	1.29E-05
5558	462995.1	3774008	2.01E-04	3.08E-05	1.32E-05
5559	463004.4	3774008	2.05E-04	3.14E-05	1.35E-05
5560	462929.8	3774168	1.25E-04	1.92E-05	8.23E-06
5561	462939.1	3774168	1.28E-04	1.95E-05	8.37E-06
5562	462948.5	3774168	1.30E-04	1.99E-05	8.51E-06
5563	462957.8	3774168	1.32E-04	2.02E-05	8.65E-06

5564	462967.1	3774168	1.34E-04	2.05E-05	8.80E-06
5565	462976.4	3774168	1.36E-04	2.09E-05	8.95E-06
5566	462985.8	3774168	1.39E-04	2.13E-05	9.11E-06
5567	462995.1	3774168	1.41E-04	2.16E-05	9.28E-06
5568	462929.8	3774208	1.17E-04	1.79E-05	7.68E-06
5569	462939.1	3774208	1.19E-04	1.82E-05	7.80E-06
5570	462948.5	3774208	1.21E-04	1.85E-05	7.93E-06
5571	462957.8	3774208	1.23E-04	1.88E-05	8.06E-06
5572	462967.1	3774208	1.25E-04	1.91E-05	8.19E-06
5573	462976.4	3774208	1.27E-04	1.94E-05	8.32E-06
5574	462985.8	3774208	1.29E-04	1.97E-05	8.46E-06
5575	462995.1	3774208	1.31E-04	2.01E-05	8.60E-06
5576	462929.8	3774248	1.10E-04	1.68E-05	7.20E-06
5577	462939.1	3774248	1.11E-04	1.70E-05	7.31E-06
5578	462948.5	3774248	1.13E-04	1.73E-05	7.42E-06
5579	462957.8	3774248	1.15E-04	1.76E-05	7.53E-06
5580	462967.1	3774248	1.17E-04	1.78E-05	7.65E-06
5581	462976.4	3774248	1.18E-04	1.81E-05	7.77E-06
5582	462985.8	3774248	1.20E-04	1.84E-05	7.89E-06
5583	462995.1	3774248	1.22E-04	1.87E-05	8.02E-06
5584	463004.4	3774248	1.24E-04	1.90E-05	8.14E-06

			T2		322			T2L3					T4F				
			318	463039.12	3773214.54												
							4.32E-07					6.62E-08					2.84E-08
			Yr 1	Yr 2	Yr 3	Yr 4	Total	Yr 1	Yr 2	Yr 3	Yr 4	Total	Yr 1	Yr 2	Yr 3	Yr 4	Total
1	463043.4	3773291	1.47E-07	0.00E+00	0.00E+00	0.00E+00	1.47E-07	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08	9.67E-09	0.00E+00	0.00E+00	0.00E+00	9.67E-09
2	463054.6	3773282	1.56E-07	0.00E+00	0.00E+00	0.00E+00	1.56E-07	2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
3	463050.8	3773297	1.24E-07	0.00E+00	0.00E+00	0.00E+00	1.24E-07	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	8.15E-09	0.00E+00	0.00E+00	0.00E+00	8.15E-09
4	463062.2	3773289	1.31E-07	0.00E+00	0.00E+00	0.00E+00	1.31E-07	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	8.62E-09	0.00E+00	0.00E+00	0.00E+00	8.62E-09
5	463059	3773303	1.06E-07	0.00E+00	0.00E+00	0.00E+00	1.06E-07	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	6.98E-09	0.00E+00	0.00E+00	0.00E+00	6.98E-09
6	463046.8	3773309	1.02E-07	0.00E+00	0.00E+00	0.00E+00	1.02E-07	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	6.70E-09	0.00E+00	0.00E+00	0.00E+00	6.70E-09
7	463069.8	3773295	1.12E-07	0.00E+00	0.00E+00	0.00E+00	1.12E-07	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	7.34E-09	0.00E+00	0.00E+00	0.00E+00	7.34E-09
8	463066.4	3773310	9.19E-08	0.00E+00	0.00E+00	0.00E+00	9.19E-08	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	6.03E-09	0.00E+00	0.00E+00	0.00E+00	6.03E-09
9	463054	3773316	8.82E-08	0.00E+00	0.00E+00	0.00E+00	8.82E-08	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	5.79E-09	0.00E+00	0.00E+00	0.00E+00	5.79E-09
10	463041.6	3773321	8.13E-08	0.00E+00	0.00E+00	0.00E+00	8.13E-08	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	5.33E-09	0.00E+00	0.00E+00	0.00E+00	5.33E-09
11	463077.3	3773302	9.65E-08	0.00E+00	0.00E+00	0.00E+00	9.65E-08	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	6.33E-09	0.00E+00	0.00E+00	0.00E+00	6.33E-09
12	463073.8	3773317	8.00E-08	0.00E+00	0.00E+00	0.00E+00	8.00E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	5.25E-09	0.00E+00	0.00E+00	0.00E+00	5.25E-09
13	463061.2	3773322	7.69E-08	0.00E+00	0.00E+00	0.00E+00	7.69E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	5.05E-09	0.00E+00	0.00E+00	0.00E+00	5.05E-09
14	463048.6	3773328	7.13E-08	0.00E+00	0.00E+00	0.00E+00	7.13E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	4.68E-09	0.00E+00	0.00E+00	0.00E+00	4.68E-09
15	463084.9	3773308	8.40E-08	0.00E+00	0.00E+00	0.00E+00	8.40E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	5.51E-09	0.00E+00	0.00E+00	0.00E+00	5.51E-09
16	463088.8	3773330	6.23E-08	0.00E+00	0.00E+00	0.00E+00	6.23E-08	9.53E-09	0.00E+00	0.00E+00	0.00E+00	9.53E-09	4.09E-09	0.00E+00	0.00E+00	0.00E+00	4.09E-09
17	463075.8	3773336	6.02E-08	0.00E+00	0.00E+00	0.00E+00	6.02E-08	9.22E-09	0.00E+00	0.00E+00	0.00E+00	9.22E-09	3.95E-09	0.00E+00	0.00E+00	0.00E+00	3.95E-09
18	463062.8	3773342	5.65E-08	0.00E+00	0.00E+00	0.00E+00	5.65E-08	8.64E-09	0.00E+00	0.00E+00	0.00E+00	8.64E-09	3.71E-09	0.00E+00	0.00E+00	0.00E+00	3.71E-09
19	463049.9	3773348	5.14E-08	0.00E+00	0.00E+00	0.00E+00	5.14E-08	7.87E-09	0.00E+00	0.00E+00	0.00E+00	7.87E-09	3.37E-09	0.00E+00	0.00E+00	0.00E+00	3.37E-09
20	463100.1	3773321	6.52E-08	0.00E+00	0.00E+00	0.00E+00	6.52E-08	9.98E-09	0.00E+00	0.00E+00	0.00E+00	9.98E-09	4.28E-09	0.00E+00	0.00E+00	0.00E+00	4.28E-09
21	463103.8	3773343	4.99E-08	0.00E+00	0.00E+00	0.00E+00	4.99E-08	7.64E-09	0.00E+00	0.00E+00	0.00E+00	7.64E-09	3.28E-09	0.00E+00	0.00E+00	0.00E+00	3.28E-09
22	463090.6	3773349	4.84E-08	0.00E+00	0.00E+00	0.00E+00	4.84E-08	7.42E-09	0.00E+00	0.00E+00	0.00E+00	7.42E-09	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.18E-09
23	463077.3	3773355	4.58E-08	0.00E+00	0.00E+00	0.00E+00	4.58E-08	7.01E-09	0.00E+00	0.00E+00	0.00E+00	7.01E-09	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09
24	463064.1	3773361	4.20E-08	0.00E+00	0.00E+00	0.00E+00	4.20E-08	6.44E-09	0.00E+00	0.00E+00	0.00E+00	6.44E-09	2.76E-09	0.00E+00	0.00E+00	0.00E+00	2.76E-09
25	463050.8	3773367	3.76E-08	0.00E+00	0.00E+00	0.00E+00	3.76E-08	5.75E-09	0.00E+00	0.00E+00	0.00E+00	5.75E-09	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09
26	463115.2	3773334	5.20E-08	0.00E+00	0.00E+00	0.00E+00	5.20E-08	7.96E-09	0.00E+00	0.00E+00	0.00E+00	7.96E-09	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09
27	463119.2	3773356	4.09E-08	0.00E+00	0.00E+00	0.00E+00	4.09E-08	6.26E-09	0.00E+00	0.00E+00	0.00E+00	6.26E-09	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09
28	463106.5	3773362	3.98E-08	0.00E+00	0.00E+00	0.00E+00	3.98E-08	6.09E-09	0.00E+00	0.00E+00	0.00E+00	6.09E-09	2.61E-09	0.00E+00	0.00E+00	0.00E+00	2.61E-09
29	463093.7	3773367	3.79E-08	0.00E+00	0.00E+00	0.00E+00	3.79E-08	5.80E-09	0.00E+00	0.00E+00	0.00E+00	5.80E-09	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09
30	463081	3773373	3.54E-08	0.00E+00	0.00E+00	0.00E+00	3.54E-08	5.42E-09	0.00E+00	0.00E+00	0.00E+00	5.42E-09	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09
31	463068.2	3773379	3.23E-08	0.00E+00	0.00E+00	0.00E+00	3.23E-08	4.95E-09	0.00E+00	0.00E+00	0.00E+00	4.95E-09	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09
32	463055.4	3773385	2.90E-08	0.00E+00	0.00E+00	0.00E+00	2.90E-08	4.43E-09	0.00E+00	0.00E+00	0.00E+00	4.43E-09	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09
33	463042.7	3773391	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	3.92E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-09	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09
34	463130.4	3773347	4.25E-08	0.00E+00	0.00E+00	0.00E+00	4.25E-08	6.50E-09	0.00E+00	0.00E+00	0.00E+00	6.50E-09	2.79E-09	0.00E+00	0.00E+00	0.00E+00	2.79E-09
35	463134.3	3773369	3.39E-08	0.00E+00	0.00E+00	0.00E+00	3.39E-08	5.19E-09	0.00E+00	0.00E+00	0.00E+00	5.19E-09	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09
36	463121.3	3773375	3.30E-08	0.00E+00	0.00E+00	0.00E+00	3.30E-08	5.06E-09	0.00E+00	0.00E+00	0.00E+00	5.06E-09	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09
37	463108.3	3773381	3.16E-08	0.00E+00	0.00E+00	0.00E+00	3.16E-08	4.84E-09	0.00E+00	0.00E+00	0.00E+00	4.84E-09	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09
38	463095.3	3773387	2.97E-08	0.00E+00	0.00E+00	0.00E+00	2.97E-08	4.54E-09	0.00E+00	0.00E+00	0.00E+00	4.54E-09	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09
39	463082.3	3773393	2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08	4.20E-09	0.00E+00	0.00E+00	0.00E+00	4.20E-09	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09
40	463069.3	3773399	2.49E-08	0.00E+00	0.00E+00	0.00E+00	2.49E-08	3.82E-09	0.00E+00	0.00E+00	0.00E+00	3.82E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
41	463056.4	3773405	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	3.42E-09	0.00E+00	0.00E+00	0.00E+00	3.42E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09
42	463043.4	3773411	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08	3.02E-09	0.00E+00	0.00E+00	0.00E+00	3.02E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
43	463145.5	3773360	3.52E-08	0.00E+00	0.00E+00	0.00E+00	3.52E-08	5.40E-09	0.00E+00	0.00E+00	0.00E+00	5.40E-09	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09
44	463149.3	3773382	2.85E-08	0.00E+00	0.00E+00	0.00E+00	2.85E-08	4.37E-09	0.00E+00	0.00E+00	0.00E+00	4.37E-09	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09
45	463136.1	3773388	2.78E-08	0.00E+00	0.00E+00	0.00E+00	2.78E-08	4.26E-09	0.00E+00	0.00E+00	0.00E+00	4.26E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
46	463123	3773394	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08	4.10E-09	0.00E+00	0.00E+00	0.00E+00	4.10E-09	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09
47	463109.8	3773400	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08	3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
48	463096.6	3773406	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.62E-09	0.00E+00	0.00E+00	0.00E+00	3.62E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
49	463083.4	3773412	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
50	463070.3	3773418	1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08	3.00E-09	0.00E+00	0.00E+00	0.00E+00	3.00E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
51	463057.1	3773424	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	2.67E-09	0.00E+00	0.00E+00	0.00E+00	2.67E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
52	463043.9	3773430	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08	2.35E-09	0.00E+00	0.00E+00	0.00E+00	2.35E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09

53	463160.6	3773373	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08	4.53E-09	0.00E+00	0.00E+00	0.00E+00	4.53E-09	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09
54	463164.6	3773395	2.44E-08	0.00E+00	0.00E+00	0.00E+00	2.44E-08	3.73E-09	0.00E+00	0.00E+00	0.00E+00	3.73E-09	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09
55	463151.8	3773401	2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08	3.66E-09	0.00E+00	0.00E+00	0.00E+00	3.66E-09	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09
56	463139	3773407	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.31E-08	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
57	463126.2	3773413	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	3.38E-09	0.00E+00	0.00E+00	0.00E+00	3.38E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09
58	463113.4	3773418	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.18E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
59	463100.5	3773424	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
60	463087.7	3773430	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	2.70E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
61	463074.9	3773436	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
62	463062.1	3773442	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	2.19E-09	0.00E+00	0.00E+00	0.00E+00	2.19E-09	9.41E-10	0.00E+00	0.00E+00	0.00E+00	9.41E-10
63	463049.3	3773448	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09	8.37E-10	0.00E+00	0.00E+00	0.00E+00	8.37E-10
64	463175.8	3773387	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	3.85E-09	0.00E+00	0.00E+00	0.00E+00	3.85E-09	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09
65	463179.7	3773408	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
66	463166.7	3773414	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.16E-09	0.00E+00	0.00E+00	0.00E+00	3.16E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
67	463153.7	3773420	2.00E-08	0.00E+00	0.00E+00	0.00E+00	2.00E-08	3.06E-09	0.00E+00	0.00E+00	0.00E+00	3.06E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09
68	463140.7	3773426	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	2.93E-09	0.00E+00	0.00E+00	0.00E+00	2.93E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
69	463127.8	3773432	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
70	463114.8	3773438	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
71	463101.8	3773444	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
72	463088.8	3773450	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09	9.33E-10	0.00E+00	0.00E+00	0.00E+00	9.33E-10
73	463075.8	3773456	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09	8.46E-10	0.00E+00	0.00E+00	0.00E+00	8.46E-10
74	463190.9	3773400	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09
75	463194.8	3773421	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	2.81E-09	0.00E+00	0.00E+00	0.00E+00	2.81E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
76	463181.6	3773427	1.80E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-08	2.75E-09	0.00E+00	0.00E+00	0.00E+00	2.75E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09
77	463168.5	3773433	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	2.67E-09	0.00E+00	0.00E+00	0.00E+00	2.67E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
78	463155.4	3773439	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
79	463142.3	3773445	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.43E-09	0.00E+00	0.00E+00	0.00E+00	2.43E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
80	463129.1	3773451	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09	9.78E-10	0.00E+00	0.00E+00	0.00E+00	9.78E-10
81	463116	3773457	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09	9.10E-10	0.00E+00	0.00E+00	0.00E+00	9.10E-10
82	463206.1	3773413	1.89E-08	0.00E+00	0.00E+00	0.00E+00	1.89E-08	2.90E-09	0.00E+00	0.00E+00	0.00E+00	2.90E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
83	463209.8	3773434	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
84	463196.6	3773440	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
85	463183.3	3773446	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09
86	463170.1	3773452	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09	9.68E-10	0.00E+00	0.00E+00	0.00E+00	9.68E-10
87	463156.8	3773459	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09	9.23E-10	0.00E+00	0.00E+00	0.00E+00	9.23E-10
88	463221.2	3773426	1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08	2.54E-09	0.00E+00	0.00E+00	0.00E+00	2.54E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
89	463225.1	3773447	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09	9.30E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-10
90	463212.1	3773453	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09	9.16E-10	0.00E+00	0.00E+00	0.00E+00	9.16E-10
91	463199.2	3773459	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09	8.94E-10	0.00E+00	0.00E+00	0.00E+00	8.94E-10
92	463236.4	3773439	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09	9.58E-10	0.00E+00	0.00E+00	0.00E+00	9.58E-10
93	463259.1	3773458	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09	8.05E-10	0.00E+00	0.00E+00	0.00E+00	8.05E-10
94	463037.2	3773873	8.58E-10	0.00E+00	0.00E+00	0.00E+00	8.58E-10	1.31E-10	0.00E+00	0.00E+00	0.00E+00	1.31E-10	5.63E-11	0.00E+00	0.00E+00	0.00E+00	5.63E-11
95	463129.9	3773871	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09	1.66E-10	0.00E+00	0.00E+00	0.00E+00	1.66E-10	7.11E-11	0.00E+00	0.00E+00	0.00E+00	7.11E-11
96	463116.7	3773877	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09	1.57E-10	0.00E+00	0.00E+00	0.00E+00	1.57E-10	6.75E-11	0.00E+00	0.00E+00	0.00E+00	6.75E-11
97	463103.5	3773883	9.76E-10	0.00E+00	0.00E+00	0.00E+00	9.76E-10	1.49E-10	0.00E+00	0.00E+00	0.00E+00	1.49E-10	6.40E-11	0.00E+00	0.00E+00	0.00E+00	6.40E-11
98	463090.3	3773889	9.26E-10	0.00E+00	0.00E+00	0.00E+00	9.26E-10	1.42E-10	0.00E+00	0.00E+00	0.00E+00	1.42E-10	6.08E-11	0.00E+00	0.00E+00	0.00E+00	6.08E-11
99	463077	3773895	8.79E-10	0.00E+00	0.00E+00	0.00E+00	8.79E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	1.35E-10	5.77E-11	0.00E+00	0.00E+00	0.00E+00	5.77E-11
100	463063.8	3773901	8.35E-10	0.00E+00	0.00E+00	0.00E+00	8.35E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	1.28E-10	5.48E-11	0.00E+00	0.00E+00	0.00E+00	5.48E-11
101	463050.6	3773907	7.93E-10	0.00E+00	0.00E+00	0.00E+00	7.93E-10	1.21E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-10	5.20E-11	0.00E+00	0.00E+00	0.00E+00	5.20E-11
102	463037.4	3773913	7.53E-10	0.00E+00	0.00E+00	0.00E+00	7.53E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-10	4.94E-11	0.00E+00	0.00E+00	0.00E+00	4.94E-11
103	463214.6	3773872	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09	1.95E-10	0.00E+00	0.00E+00	0.00E+00	1.95E-10	8.36E-11	0.00E+00	0.00E+00	0.00E+00	8.36E-11
104	463201.5	3773878	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09	1.86E-10	0.00E+00	0.00E+00	0.00E+00	1.86E-10	7.98E-11	0.00E+00	0.00E+00	0.00E+00	7.98E-11
105	463188.4	3773884	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09	1.77E-10	0.00E+00	0.00E+00	0.00E+00	1.77E-10	7.60E-11	0.00E+00	0.00E+00	0.00E+00	7.60E-11
106	463175.2	3773890	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09	1.69E-10	0.00E+00	0.00E+00	0.00E+00	1.69E-10	7.24E-11	0.00E+00	0.00E+00	0.00E+00	7.24E-11
107	463162.1	3773896	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09	1.61E-10	0.00E+00	0.00E+00	0.00E+00	1.61E-10	6.90E-11	0.00E+00	0.00E+00	0.00E+00	6.90E-11
108	463149	3773902	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09	1.54E-10	0.00E+00	0.00E+00	0.00E+00	1.54E-10	6.58E-11	0.00E+00	0.00E+00	0.00E+00	6.58E-11

109	463135.8	3773908	9.57E-10	0.00E+00	0.00E+00	0.00E+00	9.57E-10		1.46E-10	0.00E+00	0.00E+00	0.00E+00	1.46E-10		6.28E-11	0.00E+00	0.00E+00	0.00E+00	6.28E-11
110	463122.7	3773914	9.12E-10	0.00E+00	0.00E+00	0.00E+00	9.12E-10		1.40E-10	0.00E+00	0.00E+00	0.00E+00	1.40E-10		5.99E-11	0.00E+00	0.00E+00	0.00E+00	5.99E-11
111	463109.5	3773920	8.69E-10	0.00E+00	0.00E+00	0.00E+00	8.69E-10		1.33E-10	0.00E+00	0.00E+00	0.00E+00	1.33E-10		5.71E-11	0.00E+00	0.00E+00	0.00E+00	5.71E-11
112	463096.4	3773926	8.29E-10	0.00E+00	0.00E+00	0.00E+00	8.29E-10		1.27E-10	0.00E+00	0.00E+00	0.00E+00	1.27E-10		5.44E-11	0.00E+00	0.00E+00	0.00E+00	5.44E-11
113	463083.3	3773932	7.89E-10	0.00E+00	0.00E+00	0.00E+00	7.89E-10		1.21E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-10		5.18E-11	0.00E+00	0.00E+00	0.00E+00	5.18E-11
114	463070.1	3773938	7.51E-10	0.00E+00	0.00E+00	0.00E+00	7.51E-10		1.15E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-10		4.93E-11	0.00E+00	0.00E+00	0.00E+00	4.93E-11
115	463057	3773944	7.15E-10	0.00E+00	0.00E+00	0.00E+00	7.15E-10		1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10		4.70E-11	0.00E+00	0.00E+00	0.00E+00	4.70E-11
116	463043.8	3773950	6.82E-10	0.00E+00	0.00E+00	0.00E+00	6.82E-10		1.04E-10	0.00E+00	0.00E+00	0.00E+00	1.04E-10		4.47E-11	0.00E+00	0.00E+00	0.00E+00	4.47E-11
117	463308.7	3773869	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09		2.28E-10	0.00E+00	0.00E+00	0.00E+00	2.28E-10		9.77E-11	0.00E+00	0.00E+00	0.00E+00	9.77E-11
118	463295.5	3773875	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09		2.19E-10	0.00E+00	0.00E+00	0.00E+00	2.19E-10		9.37E-11	0.00E+00	0.00E+00	0.00E+00	9.37E-11
119	463282.3	3773881	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09		2.10E-10	0.00E+00	0.00E+00	0.00E+00	2.10E-10		9.00E-11	0.00E+00	0.00E+00	0.00E+00	9.00E-11
120	463269.1	3773887	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09		2.01E-10	0.00E+00	0.00E+00	0.00E+00	2.01E-10		8.63E-11	0.00E+00	0.00E+00	0.00E+00	8.63E-11
121	463255.8	3773893	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09		1.93E-10	0.00E+00	0.00E+00	0.00E+00	1.93E-10		8.27E-11	0.00E+00	0.00E+00	0.00E+00	8.27E-11
122	463242.6	3773899	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09		1.85E-10	0.00E+00	0.00E+00	0.00E+00	1.85E-10		7.92E-11	0.00E+00	0.00E+00	0.00E+00	7.92E-11
123	463229.4	3773905	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09		1.77E-10	0.00E+00	0.00E+00	0.00E+00	1.77E-10		7.57E-11	0.00E+00	0.00E+00	0.00E+00	7.57E-11
124	463216.1	3773911	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09		1.69E-10	0.00E+00	0.00E+00	0.00E+00	1.69E-10		7.24E-11	0.00E+00	0.00E+00	0.00E+00	7.24E-11
125	463202.9	3773917	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09		1.61E-10	0.00E+00	0.00E+00	0.00E+00	1.61E-10		6.92E-11	0.00E+00	0.00E+00	0.00E+00	6.92E-11
126	463189.7	3773924	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09		1.54E-10	0.00E+00	0.00E+00	0.00E+00	1.54E-10		6.61E-11	0.00E+00	0.00E+00	0.00E+00	6.61E-11
127	463176.4	3773930	9.63E-10	0.00E+00	0.00E+00	0.00E+00	9.63E-10		1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10		6.32E-11	0.00E+00	0.00E+00	0.00E+00	6.32E-11
128	463163.2	3773936	9.20E-10	0.00E+00	0.00E+00	0.00E+00	9.20E-10		1.41E-10	0.00E+00	0.00E+00	0.00E+00	1.41E-10		6.04E-11	0.00E+00	0.00E+00	0.00E+00	6.04E-11
129	463150	3773942	8.78E-10	0.00E+00	0.00E+00	0.00E+00	8.78E-10		1.34E-10	0.00E+00	0.00E+00	0.00E+00	1.34E-10		5.76E-11	0.00E+00	0.00E+00	0.00E+00	5.76E-11
130	463136.7	3773948	8.39E-10	0.00E+00	0.00E+00	0.00E+00	8.39E-10		1.28E-10	0.00E+00	0.00E+00	0.00E+00	1.28E-10		5.50E-11	0.00E+00	0.00E+00	0.00E+00	5.50E-11
131	463123.5	3773954	8.01E-10	0.00E+00	0.00E+00	0.00E+00	8.01E-10		1.23E-10	0.00E+00	0.00E+00	0.00E+00	1.23E-10		5.25E-11	0.00E+00	0.00E+00	0.00E+00	5.25E-11
132	463110.3	3773960	7.65E-10	0.00E+00	0.00E+00	0.00E+00	7.65E-10		1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10		5.02E-11	0.00E+00	0.00E+00	0.00E+00	5.02E-11
133	463097	3773966	7.31E-10	0.00E+00	0.00E+00	0.00E+00	7.31E-10		1.12E-10	0.00E+00	0.00E+00	0.00E+00	1.12E-10		4.80E-11	0.00E+00	0.00E+00	0.00E+00	4.80E-11
134	463083.8	3773972	6.98E-10	0.00E+00	0.00E+00	0.00E+00	6.98E-10		1.07E-10	0.00E+00	0.00E+00	0.00E+00	1.07E-10		4.58E-11	0.00E+00	0.00E+00	0.00E+00	4.58E-11
135	463070.6	3773978	6.67E-10	0.00E+00	0.00E+00	0.00E+00	6.67E-10		1.02E-10	0.00E+00	0.00E+00	0.00E+00	1.02E-10		4.38E-11	0.00E+00	0.00E+00	0.00E+00	4.38E-11
136	463057.4	3773984	6.37E-10	0.00E+00	0.00E+00	0.00E+00	6.37E-10		9.76E-11	0.00E+00	0.00E+00	0.00E+00	9.76E-11		4.18E-11	0.00E+00	0.00E+00	0.00E+00	4.18E-11
137	463044.1	3773990	6.09E-10	0.00E+00	0.00E+00	0.00E+00	6.09E-10		9.32E-11	0.00E+00	0.00E+00	0.00E+00	9.32E-11		3.99E-11	0.00E+00	0.00E+00	0.00E+00	3.99E-11
138	463393	3773870	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09		2.48E-10	0.00E+00	0.00E+00	0.00E+00	2.48E-10		1.06E-10	0.00E+00	0.00E+00	0.00E+00	1.06E-10
139	463379.8	3773876	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09		2.40E-10	0.00E+00	0.00E+00	0.00E+00	2.40E-10		1.03E-10	0.00E+00	0.00E+00	0.00E+00	1.03E-10
140	463366.6	3773882	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09		2.32E-10	0.00E+00	0.00E+00	0.00E+00	2.32E-10		9.93E-11	0.00E+00	0.00E+00	0.00E+00	9.93E-11
141	463353.4	3773888	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09		2.24E-10	0.00E+00	0.00E+00	0.00E+00	2.24E-10		9.58E-11	0.00E+00	0.00E+00	0.00E+00	9.58E-11
142	463340.3	3773895	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09		2.15E-10	0.00E+00	0.00E+00	0.00E+00	2.15E-10		9.23E-11	0.00E+00	0.00E+00	0.00E+00	9.23E-11
143	463327.1	3773901	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09		2.07E-10	0.00E+00	0.00E+00	0.00E+00	2.07E-10		8.89E-11	0.00E+00	0.00E+00	0.00E+00	8.89E-11
144	463313.9	3773907	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09		1.99E-10	0.00E+00	0.00E+00	0.00E+00	1.99E-10		8.55E-11	0.00E+00	0.00E+00	0.00E+00	8.55E-11
145	463300.8	3773913	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09		1.92E-10	0.00E+00	0.00E+00	0.00E+00	1.92E-10		8.21E-11	0.00E+00	0.00E+00	0.00E+00	8.21E-11
146	463287.6	3773919	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09		1.84E-10	0.00E+00	0.00E+00	0.00E+00	1.84E-10		7.89E-11	0.00E+00	0.00E+00	0.00E+00	7.89E-11
147	463274.4	3773925	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09		1.77E-10	0.00E+00	0.00E+00	0.00E+00	1.77E-10		7.57E-11	0.00E+00	0.00E+00	0.00E+00	7.57E-11
148	463261.3	3773931	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09		1.70E-10	0.00E+00	0.00E+00	0.00E+00	1.70E-10		7.27E-11	0.00E+00	0.00E+00	0.00E+00	7.27E-11
149	463248.1	3773937	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09		1.63E-10	0.00E+00	0.00E+00	0.00E+00	1.63E-10		6.98E-11	0.00E+00	0.00E+00	0.00E+00	6.98E-11
150	463234.9	3773943	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09		1.56E-10	0.00E+00	0.00E+00	0.00E+00	1.56E-10		6.69E-11	0.00E+00	0.00E+00	0.00E+00	6.69E-11
151	463221.7	3773949	9.79E-10	0.00E+00	0.00E+00	0.00E+00	9.79E-10		1.50E-10	0.00E+00	0.00E+00	0.00E+00	1.50E-10		6.42E-11	0.00E+00	0.00E+00	0.00E+00	6.42E-11
152	463208.6	3773955	9.38E-10	0.00E+00	0.00E+00	0.00E+00	9.38E-10		1.44E-10	0.00E+00	0.00E+00	0.00E+00	1.44E-10		6.16E-11	0.00E+00	0.00E+00	0.00E+00	6.16E-11
153	463195.4	3773961	8.98E-10	0.00E+00	0.00E+00	0.00E+00	8.98E-10		1.37E-10	0.00E+00	0.00E+00	0.00E+00	1.37E-10		5.89E-11	0.00E+00	0.00E+00	0.00E+00	5.89E-11
154	463182.2	3773967	8.59E-10	0.00E+00	0.00E+00	0.00E+00	8.59E-10		1.32E-10	0.00E+00	0.00E+00	0.00E+00	1.32E-10		5.64E-11	0.00E+00	0.00E+00	0.00E+00	5.64E-11
155	463169.1	3773973	8.23E-10	0.00E+00	0.00E+00	0.00E+00	8.23E-10		1.26E-10	0.00E+00	0.00E+00	0.00E+00	1.26E-10		5.40E-11	0.00E+00	0.00E+00	0.00E+00	5.40E-11
156	463155.9	3773979	7.89E-10	0.00E+00	0.00E+00	0.00E+00	7.89E-10		1.21E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-10		5.18E-11	0.00E+00	0.00E+00	0.00E+00	5.18E-11
157	463142.7	3773985	7.56E-10	0.00E+00	0.00E+00	0.00E+00	7.56E-10		1.16E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-10		4.96E-11	0.00E+00	0.00E+00	0.00E+00	4.96E-11
158	463129.5	3773991	7.24E-10	0.00E+00	0.00E+00	0.00E+00	7.24E-10		1.11E-10	0.00E+00	0.00E+00	0.00E+00	1.11E-10		4.75E-11	0.00E+00	0.00E+00	0.00E+00	4.75E-11
159	463116.4	3773997	6.93E-10	0.00E+00	0.00E+00	0.00E+00	6.93E-10		1.06E-10	0.00E+00	0.00E+00	0.00E+00	1.06E-10		4.55E-11	0.00E+00	0.00E+00	0.00E+00	4.55E-11
160	463103.2	3774003	6.63E-10	0.00E+00	0.00E+00	0.00E+00	6.63E-10		1.02E-10	0.00E+00	0.00E+00	0.00E+00	1.02E-10		4.35E-11	0.00E+00	0.00E+00	0.00E+00	4.35E-11
161	463090	3774009	6.35E-10	0.00E+00	0.00E+00	0.00E+00	6.35E-10		9.72E-11	0.00E+00	0.00E+00	0.00E+00	9.72E-11		4.17E-11	0.00E+00	0.00E+00	0.00E+00	4.17E-11
162	463076.9	3774015	6.08E-10	0.00E+00	0.00E+00	0.00E+00	6.08E-10		9.31E-11	0.00E+00	0.00E+00	0.00E+00	9.31E-11		3.99E-11	0.00E+00	0.00E+00	0.00E+00	3.99E-11
163	463063.7	3774021	5.82E-10	0.00E+00	0.00E+00	0.00E+00	5.82E-10		8.91E-11	0.00E+00	0.00E+00	0.00E+00	8.91E-11		3.82E-11	0.00E+00	0.00E+00	0.00E+00	3.82E-11
164	463050.5	3774027	5.58E-10	0.00E+00	0.00E+00	0.00E+00	5.58E-10		8.54E-11	0.00E+00	0.00E+00	0.00E+00	8.54E-11		3.66E-11	0.00E+00	0.00E+00	0.00E+00	3.66E-11

165	463408.6	3773903	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09		2.23E-10	0.00E+00	0.00E+00	0.00E+00	2.23E-10		9.58E-11	0.00E+00	0.00E+00	0.00E+00	9.58E-11
166	463395.4	3773909	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09		2.16E-10	0.00E+00	0.00E+00	0.00E+00	2.16E-10		9.27E-11	0.00E+00	0.00E+00	0.00E+00	9.27E-11
167	463382.1	3773915	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09		2.09E-10	0.00E+00	0.00E+00	0.00E+00	2.09E-10		8.97E-11	0.00E+00	0.00E+00	0.00E+00	8.97E-11
168	463368.9	3773921	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09		2.02E-10	0.00E+00	0.00E+00	0.00E+00	2.02E-10		8.67E-11	0.00E+00	0.00E+00	0.00E+00	8.67E-11
169	463355.6	3773927	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09		1.95E-10	0.00E+00	0.00E+00	0.00E+00	1.95E-10		8.37E-11	0.00E+00	0.00E+00	0.00E+00	8.37E-11
170	463342.4	3773934	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09		1.88E-10	0.00E+00	0.00E+00	0.00E+00	1.88E-10		8.07E-11	0.00E+00	0.00E+00	0.00E+00	8.07E-11
171	463329.1	3773940	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09		1.81E-10	0.00E+00	0.00E+00	0.00E+00	1.81E-10		7.77E-11	0.00E+00	0.00E+00	0.00E+00	7.77E-11
172	463315.9	3773946	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09		1.74E-10	0.00E+00	0.00E+00	0.00E+00	1.74E-10		7.47E-11	0.00E+00	0.00E+00	0.00E+00	7.47E-11
173	463302.6	3773952	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09		1.68E-10	0.00E+00	0.00E+00	0.00E+00	1.68E-10		7.19E-11	0.00E+00	0.00E+00	0.00E+00	7.19E-11
174	463289.4	3773958	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09		1.61E-10	0.00E+00	0.00E+00	0.00E+00	1.61E-10		6.92E-11	0.00E+00	0.00E+00	0.00E+00	6.92E-11
175	463276.1	3773964	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09		1.55E-10	0.00E+00	0.00E+00	0.00E+00	1.55E-10		6.65E-11	0.00E+00	0.00E+00	0.00E+00	6.65E-11
176	463262.9	3773970	9.73E-10	0.00E+00	0.00E+00	0.00E+00	9.73E-10		1.49E-10	0.00E+00	0.00E+00	0.00E+00	1.49E-10		6.39E-11	0.00E+00	0.00E+00	0.00E+00	6.39E-11
177	463249.6	3773976	9.35E-10	0.00E+00	0.00E+00	0.00E+00	9.35E-10		1.43E-10	0.00E+00	0.00E+00	0.00E+00	1.43E-10		6.13E-11	0.00E+00	0.00E+00	0.00E+00	6.13E-11
178	463236.4	3773982	8.98E-10	0.00E+00	0.00E+00	0.00E+00	8.98E-10		1.37E-10	0.00E+00	0.00E+00	0.00E+00	1.37E-10		5.89E-11	0.00E+00	0.00E+00	0.00E+00	5.89E-11
179	463223.1	3773988	8.62E-10	0.00E+00	0.00E+00	0.00E+00	8.62E-10		1.32E-10	0.00E+00	0.00E+00	0.00E+00	1.32E-10		5.66E-11	0.00E+00	0.00E+00	0.00E+00	5.66E-11
180	463209.8	3773994	8.28E-10	0.00E+00	0.00E+00	0.00E+00	8.28E-10		1.27E-10	0.00E+00	0.00E+00	0.00E+00	1.27E-10		5.43E-11	0.00E+00	0.00E+00	0.00E+00	5.43E-11
181	463196.6	3774000	7.95E-10	0.00E+00	0.00E+00	0.00E+00	7.95E-10		1.22E-10	0.00E+00	0.00E+00	0.00E+00	1.22E-10		5.22E-11	0.00E+00	0.00E+00	0.00E+00	5.22E-11
182	463183.3	3774006	7.64E-10	0.00E+00	0.00E+00	0.00E+00	7.64E-10		1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10		5.01E-11	0.00E+00	0.00E+00	0.00E+00	5.01E-11
183	463170.1	3774012	7.33E-10	0.00E+00	0.00E+00	0.00E+00	7.33E-10		1.12E-10	0.00E+00	0.00E+00	0.00E+00	1.12E-10		4.81E-11	0.00E+00	0.00E+00	0.00E+00	4.81E-11
184	463156.8	3774019	7.04E-10	0.00E+00	0.00E+00	0.00E+00	7.04E-10		1.08E-10	0.00E+00	0.00E+00	0.00E+00	1.08E-10		4.62E-11	0.00E+00	0.00E+00	0.00E+00	4.62E-11
185	463143.6	3774025	6.75E-10	0.00E+00	0.00E+00	0.00E+00	6.75E-10		1.03E-10	0.00E+00	0.00E+00	0.00E+00	1.03E-10		4.43E-11	0.00E+00	0.00E+00	0.00E+00	4.43E-11
186	463130.3	3774031	6.47E-10	0.00E+00	0.00E+00	0.00E+00	6.47E-10		9.91E-11	0.00E+00	0.00E+00	0.00E+00	9.91E-11		4.25E-11	0.00E+00	0.00E+00	0.00E+00	4.25E-11
187	463117.1	3774037	6.21E-10	0.00E+00	0.00E+00	0.00E+00	6.21E-10		9.50E-11	0.00E+00	0.00E+00	0.00E+00	9.50E-11		4.07E-11	0.00E+00	0.00E+00	0.00E+00	4.07E-11
188	463400.3	3773947	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09		1.91E-10	0.00E+00	0.00E+00	0.00E+00	1.91E-10		8.19E-11	0.00E+00	0.00E+00	0.00E+00	8.19E-11
189	463387.1	3773953	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09		1.85E-10	0.00E+00	0.00E+00	0.00E+00	1.85E-10		7.92E-11	0.00E+00	0.00E+00	0.00E+00	7.92E-11
190	463373.9	3773959	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09		1.79E-10	0.00E+00	0.00E+00	0.00E+00	1.79E-10		7.66E-11	0.00E+00	0.00E+00	0.00E+00	7.66E-11
191	463360.7	3773965	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09		1.73E-10	0.00E+00	0.00E+00	0.00E+00	1.73E-10		7.40E-11	0.00E+00	0.00E+00	0.00E+00	7.40E-11
192	463347.5	3773971	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09		1.67E-10	0.00E+00	0.00E+00	0.00E+00	1.67E-10		7.15E-11	0.00E+00	0.00E+00	0.00E+00	7.15E-11
193	463334.3	3773977	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09		1.61E-10	0.00E+00	0.00E+00	0.00E+00	1.61E-10		6.90E-11	0.00E+00	0.00E+00	0.00E+00	6.90E-11
194	463321.1	3773983	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09		1.55E-10	0.00E+00	0.00E+00	0.00E+00	1.55E-10		6.65E-11	0.00E+00	0.00E+00	0.00E+00	6.65E-11
195	463308	3773989	9.75E-10	0.00E+00	0.00E+00	0.00E+00	9.75E-10		1.49E-10	0.00E+00	0.00E+00	0.00E+00	1.49E-10		6.40E-11	0.00E+00	0.00E+00	0.00E+00	6.40E-11
196	463294.8	3773995	9.39E-10	0.00E+00	0.00E+00	0.00E+00	9.39E-10		1.44E-10	0.00E+00	0.00E+00	0.00E+00	1.44E-10		6.16E-11	0.00E+00	0.00E+00	0.00E+00	6.16E-11
197	463281.6	3774001	9.05E-10	0.00E+00	0.00E+00	0.00E+00	9.05E-10		1.39E-10	0.00E+00	0.00E+00	0.00E+00	1.39E-10		5.94E-11	0.00E+00	0.00E+00	0.00E+00	5.94E-11
198	463268.4	3774007	8.72E-10	0.00E+00	0.00E+00	0.00E+00	8.72E-10		1.33E-10	0.00E+00	0.00E+00	0.00E+00	1.33E-10		5.72E-11	0.00E+00	0.00E+00	0.00E+00	5.72E-11
199	463255.2	3774014	8.40E-10	0.00E+00	0.00E+00	0.00E+00	8.40E-10		1.29E-10	0.00E+00	0.00E+00	0.00E+00	1.29E-10		5.51E-11	0.00E+00	0.00E+00	0.00E+00	5.51E-11
200	463242	3774020	8.08E-10	0.00E+00	0.00E+00	0.00E+00	8.08E-10		1.24E-10	0.00E+00	0.00E+00	0.00E+00	1.24E-10		5.30E-11	0.00E+00	0.00E+00	0.00E+00	5.30E-11
201	463228.8	3774026	7.77E-10	0.00E+00	0.00E+00	0.00E+00	7.77E-10		1.19E-10	0.00E+00	0.00E+00	0.00E+00	1.19E-10		5.10E-11	0.00E+00	0.00E+00	0.00E+00	5.10E-11
202	463215.6	3774032	7.48E-10	0.00E+00	0.00E+00	0.00E+00	7.48E-10		1.14E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-10		4.91E-11	0.00E+00	0.00E+00	0.00E+00	4.91E-11
203	463202.4	3774038	7.19E-10	0.00E+00	0.00E+00	0.00E+00	7.19E-10		1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10		4.72E-11	0.00E+00	0.00E+00	0.00E+00	4.72E-11
204	463096.8	3774086	5.26E-10	0.00E+00	0.00E+00	0.00E+00	5.26E-10		8.06E-11	0.00E+00	0.00E+00	0.00E+00	8.06E-11		3.45E-11	0.00E+00	0.00E+00	0.00E+00	3.45E-11
205	463083.6	3774092	5.07E-10	0.00E+00	0.00E+00	0.00E+00	5.07E-10		7.75E-11	0.00E+00	0.00E+00	0.00E+00	7.75E-11		3.32E-11	0.00E+00	0.00E+00	0.00E+00	3.32E-11
206	463070.4	3774098	4.87E-10	0.00E+00	0.00E+00	0.00E+00	4.87E-10		7.46E-11	0.00E+00	0.00E+00	0.00E+00	7.46E-11		3.20E-11	0.00E+00	0.00E+00	0.00E+00	3.20E-11
207	463057.2	3774104	4.69E-10	0.00E+00	0.00E+00	0.00E+00	4.69E-10		7.18E-11	0.00E+00	0.00E+00	0.00E+00	7.18E-11		3.08E-11	0.00E+00	0.00E+00	0.00E+00	3.08E-11
208	463044	3774110	4.51E-10	0.00E+00	0.00E+00	0.00E+00	4.51E-10		6.91E-11	0.00E+00	0.00E+00	0.00E+00	6.91E-11		2.96E-11	0.00E+00	0.00E+00	0.00E+00	2.96E-11
209	463510.5	3773937	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09		2.14E-10	0.00E+00	0.00E+00	0.00E+00	2.14E-10		9.17E-11	0.00E+00	0.00E+00	0.00E+00	9.17E-11
210	463497.4	3773943	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09		2.09E-10	0.00E+00	0.00E+00	0.00E+00	2.09E-10		8.95E-11	0.00E+00	0.00E+00	0.00E+00	8.95E-11
211	463484.2	3773949	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09		2.04E-10	0.00E+00	0.00E+00	0.00E+00	2.04E-10		8.73E-11	0.00E+00	0.00E+00	0.00E+00	8.73E-11
212	463471.1	3773955	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09		1.98E-10	0.00E+00	0.00E+00	0.00E+00	1.98E-10		8.49E-11	0.00E+00	0.00E+00	0.00E+00	8.49E-11
213	463458	3773961	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09		1.92E-10	0.00E+00	0.00E+00	0.00E+00	1.92E-10		8.24E-11	0.00E+00	0.00E+00	0.00E+00	8.24E-11
214	463444.8	3773967	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09		1.87E-10	0.00E+00	0.00E+00	0.00E+00	1.87E-10		8.00E-11	0.00E+00	0.00E+00	0.00E+00	8.00E-11
215	463405.4	3773985	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09		1.70E-10	0.00E+00	0.00E+00	0.00E+00	1.70E-10		7.30E-11	0.00E+00	0.00E+00	0.00E+00	7.30E-11
216	463392.2	3773991	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09		1.65E-10	0.00E+00	0.00E+00	0.00E+00	1.65E-10		7.07E-11	0.00E+00	0.00E+00	0.00E+00	7.07E-11
217	463379.1	3773997	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09		1.59E-10	0.00E+00	0.00E+00	0.00E+00	1.59E-10		6.84E-11	0.00E+00	0.00E+00	0.00E+00	6.84E-11
218	463365.9	3774003	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09		1.54E-10	0.00E+00	0.00E+00	0.00E+00	1.54E-10		6.61E-11	0.00E+00	0.00E+00	0.00E+00	6.61E-11
219	463352.8	3774009	9.73E-10	0.00E+00	0.00E+00	0.00E+00	9.73E-10		1.49E-10	0.00E+00	0.00E+00	0.00E+00	1.49E-10		6.38E-11	0.00E+00	0.00E+00	0.00E+00	6.38E-11
220	463339.6	3774015	9.39E-10	0.00E+00	0.00E+00	0.00E+00	9.39E-10		1.44E-10	0.00E+00	0.00E+00	0.00E+00	1.44E-10		6.16E-11	0.00E+00	0.00E+00	0.00E+00	6.16E-11

221	463326.5	3774021	9.07E-10	0.00E+00	0.00E+00	0.00E+00	9.07E-10		1.39E-10	0.00E+00	0.00E+00	0.00E+00	1.39E-10		5.95E-11	0.00E+00	0.00E+00	0.00E+00	5.95E-11
222	463313.4	3774027	8.75E-10	0.00E+00	0.00E+00	0.00E+00	8.75E-10		1.34E-10	0.00E+00	0.00E+00	0.00E+00	1.34E-10		5.74E-11	0.00E+00	0.00E+00	0.00E+00	5.74E-11
223	463300.2	3774033	8.44E-10	0.00E+00	0.00E+00	0.00E+00	8.44E-10		1.29E-10	0.00E+00	0.00E+00	0.00E+00	1.29E-10		5.54E-11	0.00E+00	0.00E+00	0.00E+00	5.54E-11
224	463287.1	3774039	8.14E-10	0.00E+00	0.00E+00	0.00E+00	8.14E-10		1.25E-10	0.00E+00	0.00E+00	0.00E+00	1.25E-10		5.34E-11	0.00E+00	0.00E+00	0.00E+00	5.34E-11
225	463195	3774081	6.32E-10	0.00E+00	0.00E+00	0.00E+00	6.32E-10		9.68E-11	0.00E+00	0.00E+00	0.00E+00	9.68E-11		4.15E-11	0.00E+00	0.00E+00	0.00E+00	4.15E-11
226	463181.9	3774087	6.09E-10	0.00E+00	0.00E+00	0.00E+00	6.09E-10		9.33E-11	0.00E+00	0.00E+00	0.00E+00	9.33E-11		4.00E-11	0.00E+00	0.00E+00	0.00E+00	4.00E-11
227	463168.7	3774093	5.87E-10	0.00E+00	0.00E+00	0.00E+00	5.87E-10		8.99E-11	0.00E+00	0.00E+00	0.00E+00	8.99E-11		3.85E-11	0.00E+00	0.00E+00	0.00E+00	3.85E-11
228	463155.6	3774099	5.66E-10	0.00E+00	0.00E+00	0.00E+00	5.66E-10		8.66E-11	0.00E+00	0.00E+00	0.00E+00	8.66E-11		3.71E-11	0.00E+00	0.00E+00	0.00E+00	3.71E-11
229	463142.5	3774105	5.45E-10	0.00E+00	0.00E+00	0.00E+00	5.45E-10		8.34E-11	0.00E+00	0.00E+00	0.00E+00	8.34E-11		3.58E-11	0.00E+00	0.00E+00	0.00E+00	3.58E-11
230	463129.3	3774111	5.25E-10	0.00E+00	0.00E+00	0.00E+00	5.25E-10		8.04E-11	0.00E+00	0.00E+00	0.00E+00	8.04E-11		3.45E-11	0.00E+00	0.00E+00	0.00E+00	3.45E-11
231	463116.2	3774117	5.06E-10	0.00E+00	0.00E+00	0.00E+00	5.06E-10		7.74E-11	0.00E+00	0.00E+00	0.00E+00	7.74E-11		3.32E-11	0.00E+00	0.00E+00	0.00E+00	3.32E-11
232	463103	3774123	4.88E-10	0.00E+00	0.00E+00	0.00E+00	4.88E-10		7.46E-11	0.00E+00	0.00E+00	0.00E+00	7.46E-11		3.20E-11	0.00E+00	0.00E+00	0.00E+00	3.20E-11
233	463089.9	3774129	4.70E-10	0.00E+00	0.00E+00	0.00E+00	4.70E-10		7.19E-11	0.00E+00	0.00E+00	0.00E+00	7.19E-11		3.08E-11	0.00E+00	0.00E+00	0.00E+00	3.08E-11
234	463076.7	3774135	4.53E-10	0.00E+00	0.00E+00	0.00E+00	4.53E-10		6.93E-11	0.00E+00	0.00E+00	0.00E+00	6.93E-11		2.97E-11	0.00E+00	0.00E+00	0.00E+00	2.97E-11
235	463063.6	3774141	4.36E-10	0.00E+00	0.00E+00	0.00E+00	4.36E-10		6.68E-11	0.00E+00	0.00E+00	0.00E+00	6.68E-11		2.86E-11	0.00E+00	0.00E+00	0.00E+00	2.86E-11
236	463050.4	3774147	4.21E-10	0.00E+00	0.00E+00	0.00E+00	4.21E-10		6.44E-11	0.00E+00	0.00E+00	0.00E+00	6.44E-11		2.76E-11	0.00E+00	0.00E+00	0.00E+00	2.76E-11
237	463037.3	3774153	4.06E-10	0.00E+00	0.00E+00	0.00E+00	4.06E-10		6.22E-11	0.00E+00	0.00E+00	0.00E+00	6.22E-11		2.66E-11	0.00E+00	0.00E+00	0.00E+00	2.66E-11
238	463605.9	3773933	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09		2.22E-10	0.00E+00	0.00E+00	0.00E+00	2.22E-10		9.50E-11	0.00E+00	0.00E+00	0.00E+00	9.50E-11
239	463592.7	3773939	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09		2.18E-10	0.00E+00	0.00E+00	0.00E+00	2.18E-10		9.34E-11	0.00E+00	0.00E+00	0.00E+00	9.34E-11
240	463579.4	3773945	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09		2.14E-10	0.00E+00	0.00E+00	0.00E+00	2.14E-10		9.16E-11	0.00E+00	0.00E+00	0.00E+00	9.16E-11
241	463566.2	3773951	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09		2.09E-10	0.00E+00	0.00E+00	0.00E+00	2.09E-10		8.97E-11	0.00E+00	0.00E+00	0.00E+00	8.97E-11
242	463553	3773957	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09		2.05E-10	0.00E+00	0.00E+00	0.00E+00	2.05E-10		8.78E-11	0.00E+00	0.00E+00	0.00E+00	8.78E-11
243	463539.8	3773963	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09		2.00E-10	0.00E+00	0.00E+00	0.00E+00	2.00E-10		8.59E-11	0.00E+00	0.00E+00	0.00E+00	8.59E-11
244	463526.6	3773969	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09		1.96E-10	0.00E+00	0.00E+00	0.00E+00	1.96E-10		8.39E-11	0.00E+00	0.00E+00	0.00E+00	8.39E-11
245	463513.3	3773975	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09		1.91E-10	0.00E+00	0.00E+00	0.00E+00	1.91E-10		8.18E-11	0.00E+00	0.00E+00	0.00E+00	8.18E-11
246	463500.1	3773981	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09		1.86E-10	0.00E+00	0.00E+00	0.00E+00	1.86E-10		7.97E-11	0.00E+00	0.00E+00	0.00E+00	7.97E-11
247	463486.9	3773987	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09		1.81E-10	0.00E+00	0.00E+00	0.00E+00	1.81E-10		7.76E-11	0.00E+00	0.00E+00	0.00E+00	7.76E-11
248	463473.7	3773993	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09		1.76E-10	0.00E+00	0.00E+00	0.00E+00	1.76E-10		7.55E-11	0.00E+00	0.00E+00	0.00E+00	7.55E-11
249	463460.5	3773999	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09		1.71E-10	0.00E+00	0.00E+00	0.00E+00	1.71E-10		7.34E-11	0.00E+00	0.00E+00	0.00E+00	7.34E-11
250	463447.2	3774006	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09		1.66E-10	0.00E+00	0.00E+00	0.00E+00	1.66E-10		7.13E-11	0.00E+00	0.00E+00	0.00E+00	7.13E-11
251	463394.4	3774030	9.58E-10	0.00E+00	0.00E+00	0.00E+00	9.58E-10		1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10		6.29E-11	0.00E+00	0.00E+00	0.00E+00	6.29E-11
252	463381.2	3774036	9.28E-10	0.00E+00	0.00E+00	0.00E+00	9.28E-10		1.42E-10	0.00E+00	0.00E+00	0.00E+00	1.42E-10		6.09E-11	0.00E+00	0.00E+00	0.00E+00	6.09E-11
253	463275.4	3774084	7.07E-10	0.00E+00	0.00E+00	0.00E+00	7.07E-10		1.08E-10	0.00E+00	0.00E+00	0.00E+00	1.08E-10		4.64E-11	0.00E+00	0.00E+00	0.00E+00	4.64E-11
254	463262.2	3774090	6.83E-10	0.00E+00	0.00E+00	0.00E+00	6.83E-10		1.04E-10	0.00E+00	0.00E+00	0.00E+00	1.04E-10		4.48E-11	0.00E+00	0.00E+00	0.00E+00	4.48E-11
255	463249	3774096	6.59E-10	0.00E+00	0.00E+00	0.00E+00	6.59E-10		1.01E-10	0.00E+00	0.00E+00	0.00E+00	1.01E-10		4.32E-11	0.00E+00	0.00E+00	0.00E+00	4.32E-11
256	463235.8	3774102	6.36E-10	0.00E+00	0.00E+00	0.00E+00	6.36E-10		9.73E-11	0.00E+00	0.00E+00	0.00E+00	9.73E-11		4.17E-11	0.00E+00	0.00E+00	0.00E+00	4.17E-11
257	463222.5	3774108	6.14E-10	0.00E+00	0.00E+00	0.00E+00	6.14E-10		9.39E-11	0.00E+00	0.00E+00	0.00E+00	9.39E-11		4.03E-11	0.00E+00	0.00E+00	0.00E+00	4.03E-11
258	463209.3	3774115	5.93E-10	0.00E+00	0.00E+00	0.00E+00	5.93E-10		9.07E-11	0.00E+00	0.00E+00	0.00E+00	9.07E-11		3.89E-11	0.00E+00	0.00E+00	0.00E+00	3.89E-11
259	463196.1	3774121	5.72E-10	0.00E+00	0.00E+00	0.00E+00	5.72E-10		8.76E-11	0.00E+00	0.00E+00	0.00E+00	8.76E-11		3.76E-11	0.00E+00	0.00E+00	0.00E+00	3.76E-11
260	463182.9	3774127	5.53E-10	0.00E+00	0.00E+00	0.00E+00	5.53E-10		8.46E-11	0.00E+00	0.00E+00	0.00E+00	8.46E-11		3.63E-11	0.00E+00	0.00E+00	0.00E+00	3.63E-11
261	463169.7	3774133	5.34E-10	0.00E+00	0.00E+00	0.00E+00	5.34E-10		8.17E-11	0.00E+00	0.00E+00	0.00E+00	8.17E-11		3.50E-11	0.00E+00	0.00E+00	0.00E+00	3.50E-11
262	463156.4	3774139	5.15E-10	0.00E+00	0.00E+00	0.00E+00	5.15E-10		7.89E-11	0.00E+00	0.00E+00	0.00E+00	7.89E-11		3.38E-11	0.00E+00	0.00E+00	0.00E+00	3.38E-11
263	463143.2	3774145	4.97E-10	0.00E+00	0.00E+00	0.00E+00	4.97E-10		7.61E-11	0.00E+00	0.00E+00	0.00E+00	7.61E-11		3.26E-11	0.00E+00	0.00E+00	0.00E+00	3.26E-11
264	463130	3774151	4.80E-10	0.00E+00	0.00E+00	0.00E+00	4.80E-10		7.34E-11	0.00E+00	0.00E+00	0.00E+00	7.34E-11		3.15E-11	0.00E+00	0.00E+00	0.00E+00	3.15E-11
265	463116.8	3774157	4.63E-10	0.00E+00	0.00E+00	0.00E+00	4.63E-10		7.08E-11	0.00E+00	0.00E+00	0.00E+00	7.08E-11		3.04E-11	0.00E+00	0.00E+00	0.00E+00	3.04E-11
266	463103.6	3774163	4.47E-10	0.00E+00	0.00E+00	0.00E+00	4.47E-10		6.84E-11	0.00E+00	0.00E+00	0.00E+00	6.84E-11		2.93E-11	0.00E+00	0.00E+00	0.00E+00	2.93E-11
267	463090.3	3774169	4.31E-10	0.00E+00	0.00E+00	0.00E+00	4.31E-10		6.61E-11	0.00E+00	0.00E+00	0.00E+00	6.61E-11		2.83E-11	0.00E+00	0.00E+00	0.00E+00	2.83E-11
268	463077.1	3774175	4.16E-10	0.00E+00	0.00E+00	0.00E+00	4.16E-10		6.37E-11	0.00E+00	0.00E+00	0.00E+00	6.37E-11		2.73E-11	0.00E+00	0.00E+00	0.00E+00	2.73E-11
269	463063.9	3774181	4.02E-10	0.00E+00	0.00E+00	0.00E+00	4.02E-10		6.15E-11	0.00E+00	0.00E+00	0.00E+00	6.15E-11		2.64E-11	0.00E+00	0.00E+00	0.00E+00	2.64E-11
270	463050.7	3774187	3.88E-10	0.00E+00	0.00E+00	0.00E+00	3.88E-10		5.94E-11	0.00E+00	0.00E+00	0.00E+00	5.94E-11		2.55E-11	0.00E+00	0.00E+00	0.00E+00	2.55E-11
271	463037.5	3774193	3.75E-10	0.00E+00	0.00E+00	0.00E+00	3.75E-10		5.74E-11	0.00E+00	0.00E+00	0.00E+00	5.74E-11		2.46E-11	0.00E+00	0.00E+00	0.00E+00	2.46E-11
272	463689.3	3773935	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09		2.18E-10	0.00E+00	0.00E+00	0.00E+00	2.18E-10		9.36E-11	0.00E+00	0.00E+00	0.00E+00	9.36E-11
273	463676.1	3773941	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09		2.16E-10	0.00E+00	0.00E+00	0.00E+00	2.16E-10		9.26E-11	0.00E+00	0.00E+00	0.00E+00	9.26E-11
274	463663	3773947	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09		2.13E-10	0.00E+00	0.00E+00	0.00E+00	2.13E-10		9.14E-11	0.00E+00	0.00E+00	0.00E+00	9.14E-11
275	463649.8	3773953	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09		2.10E-10	0.00E+00	0.00E+00	0.00E+00	2.10E-10		9.01E-11	0.00E+00	0.00E+00	0.00E+00	9.01E-11
276	463636.6	3773959	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09		2.07E-10	0.00E+00	0.00E+00	0.00E+00	2.07E-10		8.88E-11	0.00E+00	0.00E+00	0.00E+00	8.88E-11

277	463623.4	3773965	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09		2.04E-10	0.00E+00	0.00E+00	0.00E+00	2.04E-10		8.74E-11	0.00E+00	0.00E+00	0.00E+00	8.74E-11
278	463610.3	3773971	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09		2.00E-10	0.00E+00	0.00E+00	0.00E+00	2.00E-10		8.59E-11	0.00E+00	0.00E+00	0.00E+00	8.59E-11
279	463597.1	3773977	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09		1.96E-10	0.00E+00	0.00E+00	0.00E+00	1.96E-10		8.42E-11	0.00E+00	0.00E+00	0.00E+00	8.42E-11
280	463583.9	3773983	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09		1.93E-10	0.00E+00	0.00E+00	0.00E+00	1.93E-10		8.25E-11	0.00E+00	0.00E+00	0.00E+00	8.25E-11
281	463570.8	3773989	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09		1.89E-10	0.00E+00	0.00E+00	0.00E+00	1.89E-10		8.09E-11	0.00E+00	0.00E+00	0.00E+00	8.09E-11
282	463557.6	3773995	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09		1.85E-10	0.00E+00	0.00E+00	0.00E+00	1.85E-10		7.91E-11	0.00E+00	0.00E+00	0.00E+00	7.91E-11
283	463544.4	3774001	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09		1.80E-10	0.00E+00	0.00E+00	0.00E+00	1.80E-10		7.73E-11	0.00E+00	0.00E+00	0.00E+00	7.73E-11
284	463531.3	3774007	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09		1.76E-10	0.00E+00	0.00E+00	0.00E+00	1.76E-10		7.54E-11	0.00E+00	0.00E+00	0.00E+00	7.54E-11
285	463518.1	3774013	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09		1.72E-10	0.00E+00	0.00E+00	0.00E+00	1.72E-10		7.36E-11	0.00E+00	0.00E+00	0.00E+00	7.36E-11
286	463504.9	3774019	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09		1.67E-10	0.00E+00	0.00E+00	0.00E+00	1.67E-10		7.17E-11	0.00E+00	0.00E+00	0.00E+00	7.17E-11
287	463491.7	3774025	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09		1.63E-10	0.00E+00	0.00E+00	0.00E+00	1.63E-10		6.98E-11	0.00E+00	0.00E+00	0.00E+00	6.98E-11
288	463478.6	3774031	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09		1.58E-10	0.00E+00	0.00E+00	0.00E+00	1.58E-10		6.79E-11	0.00E+00	0.00E+00	0.00E+00	6.79E-11
289	463465.4	3774037	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09		1.54E-10	0.00E+00	0.00E+00	0.00E+00	1.54E-10		6.60E-11	0.00E+00	0.00E+00	0.00E+00	6.60E-11
290	463452.2	3774043	9.76E-10	0.00E+00	0.00E+00	0.00E+00	9.76E-10		1.49E-10	0.00E+00	0.00E+00	0.00E+00	1.49E-10		6.41E-11	0.00E+00	0.00E+00	0.00E+00	6.41E-11
291	463360	3774085	7.85E-10	0.00E+00	0.00E+00	0.00E+00	7.85E-10		1.20E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-10		5.15E-11	0.00E+00	0.00E+00	0.00E+00	5.15E-11
292	463346.9	3774092	7.60E-10	0.00E+00	0.00E+00	0.00E+00	7.60E-10		1.16E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-10		4.99E-11	0.00E+00	0.00E+00	0.00E+00	4.99E-11
293	463333.7	3774098	7.35E-10	0.00E+00	0.00E+00	0.00E+00	7.35E-10		1.13E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-10		4.83E-11	0.00E+00	0.00E+00	0.00E+00	4.83E-11
294	463320.5	3774104	7.12E-10	0.00E+00	0.00E+00	0.00E+00	7.12E-10		1.09E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-10		4.67E-11	0.00E+00	0.00E+00	0.00E+00	4.67E-11
295	463307.4	3774110	6.90E-10	0.00E+00	0.00E+00	0.00E+00	6.90E-10		1.06E-10	0.00E+00	0.00E+00	0.00E+00	1.06E-10		4.53E-11	0.00E+00	0.00E+00	0.00E+00	4.53E-11
296	463294.2	3774116	6.68E-10	0.00E+00	0.00E+00	0.00E+00	6.68E-10		1.02E-10	0.00E+00	0.00E+00	0.00E+00	1.02E-10		4.38E-11	0.00E+00	0.00E+00	0.00E+00	4.38E-11
297	463281	3774122	6.46E-10	0.00E+00	0.00E+00	0.00E+00	6.46E-10		9.89E-11	0.00E+00	0.00E+00	0.00E+00	9.89E-11		4.24E-11	0.00E+00	0.00E+00	0.00E+00	4.24E-11
298	463267.8	3774128	6.25E-10	0.00E+00	0.00E+00	0.00E+00	6.25E-10		9.56E-11	0.00E+00	0.00E+00	0.00E+00	9.56E-11		4.10E-11	0.00E+00	0.00E+00	0.00E+00	4.10E-11
299	463254.7	3774134	6.04E-10	0.00E+00	0.00E+00	0.00E+00	6.04E-10		9.25E-11	0.00E+00	0.00E+00	0.00E+00	9.25E-11		3.96E-11	0.00E+00	0.00E+00	0.00E+00	3.96E-11
300	463241.5	3774140	5.84E-10	0.00E+00	0.00E+00	0.00E+00	5.84E-10		8.94E-11	0.00E+00	0.00E+00	0.00E+00	8.94E-11		3.83E-11	0.00E+00	0.00E+00	0.00E+00	3.83E-11
301	463228.3	3774146	5.65E-10	0.00E+00	0.00E+00	0.00E+00	5.65E-10		8.65E-11	0.00E+00	0.00E+00	0.00E+00	8.65E-11		3.71E-11	0.00E+00	0.00E+00	0.00E+00	3.71E-11
302	463215.2	3774152	5.46E-10	0.00E+00	0.00E+00	0.00E+00	5.46E-10		8.36E-11	0.00E+00	0.00E+00	0.00E+00	8.36E-11		3.59E-11	0.00E+00	0.00E+00	0.00E+00	3.59E-11
303	463202	3774158	5.28E-10	0.00E+00	0.00E+00	0.00E+00	5.28E-10		8.09E-11	0.00E+00	0.00E+00	0.00E+00	8.09E-11		3.47E-11	0.00E+00	0.00E+00	0.00E+00	3.47E-11
304	463188.8	3774164	5.11E-10	0.00E+00	0.00E+00	0.00E+00	5.11E-10		7.82E-11	0.00E+00	0.00E+00	0.00E+00	7.82E-11		3.35E-11	0.00E+00	0.00E+00	0.00E+00	3.35E-11
305	463175.6	3774170	4.94E-10	0.00E+00	0.00E+00	0.00E+00	4.94E-10		7.56E-11	0.00E+00	0.00E+00	0.00E+00	7.56E-11		3.24E-11	0.00E+00	0.00E+00	0.00E+00	3.24E-11
306	463162.5	3774176	4.78E-10	0.00E+00	0.00E+00	0.00E+00	4.78E-10		7.32E-11	0.00E+00	0.00E+00	0.00E+00	7.32E-11		3.14E-11	0.00E+00	0.00E+00	0.00E+00	3.14E-11
307	463149.3	3774182	4.62E-10	0.00E+00	0.00E+00	0.00E+00	4.62E-10		7.08E-11	0.00E+00	0.00E+00	0.00E+00	7.08E-11		3.03E-11	0.00E+00	0.00E+00	0.00E+00	3.03E-11
308	463136.1	3774188	4.47E-10	0.00E+00	0.00E+00	0.00E+00	4.47E-10		6.84E-11	0.00E+00	0.00E+00	0.00E+00	6.84E-11		2.93E-11	0.00E+00	0.00E+00	0.00E+00	2.93E-11
309	463123	3774194	4.32E-10	0.00E+00	0.00E+00	0.00E+00	4.32E-10		6.61E-11	0.00E+00	0.00E+00	0.00E+00	6.61E-11		2.83E-11	0.00E+00	0.00E+00	0.00E+00	2.83E-11
310	463109.8	3774200	4.17E-10	0.00E+00	0.00E+00	0.00E+00	4.17E-10		6.39E-11	0.00E+00	0.00E+00	0.00E+00	6.39E-11		2.74E-11	0.00E+00	0.00E+00	0.00E+00	2.74E-11
311	463096.6	3774206	4.04E-10	0.00E+00	0.00E+00	0.00E+00	4.04E-10		6.18E-11	0.00E+00	0.00E+00	0.00E+00	6.18E-11		2.65E-11	0.00E+00	0.00E+00	0.00E+00	2.65E-11
312	463083.4	3774212	3.90E-10	0.00E+00	0.00E+00	0.00E+00	3.90E-10		5.98E-11	0.00E+00	0.00E+00	0.00E+00	5.98E-11		2.56E-11	0.00E+00	0.00E+00	0.00E+00	2.56E-11
313	463070.3	3774218	3.78E-10	0.00E+00	0.00E+00	0.00E+00	3.78E-10		5.78E-11	0.00E+00	0.00E+00	0.00E+00	5.78E-11		2.48E-11	0.00E+00	0.00E+00	0.00E+00	2.48E-11
314	463057.1	3774224	3.66E-10	0.00E+00	0.00E+00	0.00E+00	3.66E-10		5.60E-11	0.00E+00	0.00E+00	0.00E+00	5.60E-11		2.40E-11	0.00E+00	0.00E+00	0.00E+00	2.40E-11
315	463043.9	3774230	3.54E-10	0.00E+00	0.00E+00	0.00E+00	3.54E-10		5.41E-11	0.00E+00	0.00E+00	0.00E+00	5.41E-11		2.32E-11	0.00E+00	0.00E+00	0.00E+00	2.32E-11
316	463039.2	3773233	4.10E-07	0.00E+00	0.00E+00	0.00E+00	4.10E-07		6.27E-08	0.00E+00	0.00E+00	0.00E+00	6.27E-08		2.69E-08	0.00E+00	0.00E+00	0.00E+00	2.69E-08
317	463039.1	3773224	4.31E-07	0.00E+00	0.00E+00	0.00E+00	4.31E-07		6.60E-08	0.00E+00	0.00E+00	0.00E+00	6.60E-08		2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08
318	463039.1	3773215	4.32E-07	0.00E+00	0.00E+00	0.00E+00	4.32E-07		6.62E-08	0.00E+00	0.00E+00	0.00E+00	6.62E-08		2.84E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-08
319	463039.1	3773205	4.17E-07	0.00E+00	0.00E+00	0.00E+00	4.17E-07		6.39E-08	0.00E+00	0.00E+00	0.00E+00	6.39E-08		2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08
320	463039.1	3773196	3.89E-07	0.00E+00	0.00E+00	0.00E+00	3.89E-07		5.96E-08	0.00E+00	0.00E+00	0.00E+00	5.96E-08		2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08
321	463039.1	3773186	3.49E-07	0.00E+00	0.00E+00	0.00E+00	3.49E-07		5.35E-08	0.00E+00	0.00E+00	0.00E+00	5.35E-08		2.29E-08	0.00E+00	0.00E+00	0.00E+00	2.29E-08
322	463039.1	3773177	2.99E-07	0.00E+00	0.00E+00	0.00E+00	2.99E-07		4.58E-08	0.00E+00	0.00E+00	0.00E+00	4.58E-08		1.96E-08	0.00E+00	0.00E+00	0.00E+00	1.96E-08
323	463039	3773167	2.40E-07	0.00E+00	0.00E+00	0.00E+00	2.40E-07		3.67E-08	0.00E+00	0.00E+00	0.00E+00	3.67E-08		1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08
324	463039	3773158	1.79E-07	0.00E+00	0.00E+00	0.00E+00	1.79E-07		2.75E-08	0.00E+00	0.00E+00	0.00E+00	2.75E-08		1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08
325	463039	3773149	1.26E-07	0.00E+00	0.00E+00	0.00E+00	1.26E-07		1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08		8.25E-09	0.00E+00	0.00E+00	0.00E+00	8.25E-09
326	463049.2	3773233	3.17E-07	0.00E+00	0.00E+00	0.00E+00	3.17E-07		4.86E-08	0.00E+00	0.00E+00	0.00E+00	4.86E-08		2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08
327	463049.1	3773224	3.29E-07	0.00E+00	0.00E+00	0.00E+00	3.29E-07		5.03E-08	0.00E+00	0.00E+00	0.00E+00	5.03E-08		2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08
328	463049.1	3773215	3.27E-07	0.00E+00	0.00E+00	0.00E+00	3.27E-07		5.01E-08	0.00E+00	0.00E+00	0.00E+00	5.01E-08		2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08
329	463049.1	3773205	3.14E-07	0.00E+00	0.00E+00	0.00E+00	3.14E-07		4.81E-08	0.00E+00	0.00E+00	0.00E+00	4.81E-08		2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08
330	463049.1	3773196	2.92E-07	0.00E+00	0.00E+00	0.00E+00	2.92E-07		4.46E-08	0.00E+00	0.00E+00	0.00E+00	4.46E-08		1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08
331	463049.1	3773186	2.61E-07	0.00E+00	0.00E+00	0.00E+00	2.61E-07		3.99E-08	0.00E+00	0.00E+00	0.00E+00	3.99E-08		1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08
332	463049.1	3773177	2.23E-07	0.00E+00	0.00E+00	0.00E+00	2.23E-07		3.42E-08	0.00E+00	0.00E+00	0.00E+00	3.42E-08		1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08

333	463049	3773167	1.82E-07	0.00E+00	0.00E+00	0.00E+00	1.82E-07	2.78E-08	0.00E+00	0.00E+00	0.00E+00	2.78E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08
334	463049	3773158	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	9.23E-09	0.00E+00	0.00E+00	0.00E+00	9.23E-09
335	463049	3773149	1.04E-07	0.00E+00	0.00E+00	0.00E+00	1.04E-07	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	6.81E-09	0.00E+00	0.00E+00	0.00E+00	6.81E-09
336	463059.2	3773233	2.53E-07	0.00E+00	0.00E+00	0.00E+00	2.53E-07	3.87E-08	0.00E+00	0.00E+00	0.00E+00	3.87E-08	1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08
337	463059.1	3773224	2.58E-07	0.00E+00	0.00E+00	0.00E+00	2.58E-07	3.95E-08	0.00E+00	0.00E+00	0.00E+00	3.95E-08	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08
338	463059.1	3773215	2.55E-07	0.00E+00	0.00E+00	0.00E+00	2.55E-07	3.90E-08	0.00E+00	0.00E+00	0.00E+00	3.90E-08	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08
339	463059.1	3773205	2.44E-07	0.00E+00	0.00E+00	0.00E+00	2.44E-07	3.73E-08	0.00E+00	0.00E+00	0.00E+00	3.73E-08	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08
340	463059.1	3773196	2.25E-07	0.00E+00	0.00E+00	0.00E+00	2.25E-07	3.45E-08	0.00E+00	0.00E+00	0.00E+00	3.45E-08	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08
341	463059.1	3773186	2.01E-07	0.00E+00	0.00E+00	0.00E+00	2.01E-07	3.08E-08	0.00E+00	0.00E+00	0.00E+00	3.08E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08
342	463059.1	3773177	1.73E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-07	2.65E-08	0.00E+00	0.00E+00	0.00E+00	2.65E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08
343	463059	3773167	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	9.39E-09	0.00E+00	0.00E+00	0.00E+00	9.39E-09
344	463059	3773158	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	7.45E-09	0.00E+00	0.00E+00	0.00E+00	7.45E-09
345	463059	3773149	8.68E-08	0.00E+00	0.00E+00	0.00E+00	8.68E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	5.70E-09	0.00E+00	0.00E+00	0.00E+00	5.70E-09
346	463069.2	3773233	2.05E-07	0.00E+00	0.00E+00	0.00E+00	2.05E-07	3.14E-08	0.00E+00	0.00E+00	0.00E+00	3.14E-08	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08
347	463069.1	3773224	2.07E-07	0.00E+00	0.00E+00	0.00E+00	2.07E-07	3.17E-08	0.00E+00	0.00E+00	0.00E+00	3.17E-08	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08
348	463069.1	3773214	2.03E-07	0.00E+00	0.00E+00	0.00E+00	2.03E-07	3.11E-08	0.00E+00	0.00E+00	0.00E+00	3.11E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08
349	463069.1	3773205	1.93E-07	0.00E+00	0.00E+00	0.00E+00	1.93E-07	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08
350	463069.1	3773196	1.79E-07	0.00E+00	0.00E+00	0.00E+00	1.79E-07	2.73E-08	0.00E+00	0.00E+00	0.00E+00	2.73E-08	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08
351	463069.1	3773186	1.60E-07	0.00E+00	0.00E+00	0.00E+00	1.60E-07	2.44E-08	0.00E+00	0.00E+00	0.00E+00	2.44E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08
352	463069.1	3773177	1.38E-07	0.00E+00	0.00E+00	0.00E+00	1.38E-07	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08	9.07E-09	0.00E+00	0.00E+00	0.00E+00	9.07E-09
353	463069	3773167	1.16E-07	0.00E+00	0.00E+00	0.00E+00	1.16E-07	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	7.59E-09	0.00E+00	0.00E+00	0.00E+00	7.59E-09
354	463069	3773158	9.37E-08	0.00E+00	0.00E+00	0.00E+00	9.37E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	6.15E-09	0.00E+00	0.00E+00	0.00E+00	6.15E-09
355	463069	3773149	7.37E-08	0.00E+00	0.00E+00	0.00E+00	7.37E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	4.84E-09	0.00E+00	0.00E+00	0.00E+00	4.84E-09
356	463079.2	3773233	1.69E-07	0.00E+00	0.00E+00	0.00E+00	1.69E-07	2.59E-08	0.00E+00	0.00E+00	0.00E+00	2.59E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08
357	463079.1	3773224	1.70E-07	0.00E+00	0.00E+00	0.00E+00	1.70E-07	2.59E-08	0.00E+00	0.00E+00	0.00E+00	2.59E-08	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08
358	463079.1	3773214	1.65E-07	0.00E+00	0.00E+00	0.00E+00	1.65E-07	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08
359	463079.1	3773205	1.57E-07	0.00E+00	0.00E+00	0.00E+00	1.57E-07	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08
360	463079.1	3773196	1.45E-07	0.00E+00	0.00E+00	0.00E+00	1.45E-07	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	9.48E-09	0.00E+00	0.00E+00	0.00E+00	9.48E-09
361	463079.1	3773186	1.30E-07	0.00E+00	0.00E+00	0.00E+00	1.30E-07	1.98E-08	0.00E+00	0.00E+00	0.00E+00	1.98E-08	8.50E-09	0.00E+00	0.00E+00	0.00E+00	8.50E-09
362	463079.1	3773177	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	7.41E-09	0.00E+00	0.00E+00	0.00E+00	7.41E-09
363	463079	3773167	9.56E-08	0.00E+00	0.00E+00	0.00E+00	9.56E-08	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	6.27E-09	0.00E+00	0.00E+00	0.00E+00	6.27E-09
364	463079	3773158	7.87E-08	0.00E+00	0.00E+00	0.00E+00	7.87E-08	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	5.17E-09	0.00E+00	0.00E+00	0.00E+00	5.17E-09
365	463079	3773149	6.33E-08	0.00E+00	0.00E+00	0.00E+00	6.33E-08	9.69E-09	0.00E+00	0.00E+00	0.00E+00	9.69E-09	4.15E-09	0.00E+00	0.00E+00	0.00E+00	4.15E-09
366	463073	3773286	1.22E-07	0.00E+00	0.00E+00	0.00E+00	1.22E-07	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	8.02E-09	0.00E+00	0.00E+00	0.00E+00	8.02E-09
367	463089.2	3773233	1.42E-07	0.00E+00	0.00E+00	0.00E+00	1.42E-07	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	9.30E-09	0.00E+00	0.00E+00	0.00E+00	9.30E-09
368	463089.1	3773224	1.41E-07	0.00E+00	0.00E+00	0.00E+00	1.41E-07	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	9.23E-09	0.00E+00	0.00E+00	0.00E+00	9.23E-09
369	463089.1	3773214	1.36E-07	0.00E+00	0.00E+00	0.00E+00	1.36E-07	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08	8.96E-09	0.00E+00	0.00E+00	0.00E+00	8.96E-09
370	463089.1	3773205	1.29E-07	0.00E+00	0.00E+00	0.00E+00	1.29E-07	1.98E-08	0.00E+00	0.00E+00	0.00E+00	1.98E-08	8.47E-09	0.00E+00	0.00E+00	0.00E+00	8.47E-09
371	463089.1	3773196	1.19E-07	0.00E+00	0.00E+00	0.00E+00	1.19E-07	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	7.81E-09	0.00E+00	0.00E+00	0.00E+00	7.81E-09
372	463089.1	3773186	1.07E-07	0.00E+00	0.00E+00	0.00E+00	1.07E-07	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	7.02E-09	0.00E+00	0.00E+00	0.00E+00	7.02E-09
373	463089.1	3773177	9.38E-08	0.00E+00	0.00E+00	0.00E+00	9.38E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	6.16E-09	0.00E+00	0.00E+00	0.00E+00	6.16E-09
374	463089	3773167	8.03E-08	0.00E+00	0.00E+00	0.00E+00	8.03E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	5.27E-09	0.00E+00	0.00E+00	0.00E+00	5.27E-09
375	463089	3773158	6.71E-08	0.00E+00	0.00E+00	0.00E+00	6.71E-08	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	4.40E-09	0.00E+00	0.00E+00	0.00E+00	4.40E-09
376	463089	3773148	5.49E-08	0.00E+00	0.00E+00	0.00E+00	5.49E-08	8.40E-09	0.00E+00	0.00E+00	0.00E+00	8.40E-09	3.60E-09	0.00E+00	0.00E+00	0.00E+00	3.60E-09
377	463080.5	3773293	1.05E-07	0.00E+00	0.00E+00	0.00E+00	1.05E-07	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	6.86E-09	0.00E+00	0.00E+00	0.00E+00	6.86E-09
378	463099.2	3773233	1.20E-07	0.00E+00	0.00E+00	0.00E+00	1.20E-07	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	7.87E-09	0.00E+00	0.00E+00	0.00E+00	7.87E-09
379	463099.1	3773224	1.18E-07	0.00E+00	0.00E+00	0.00E+00	1.18E-07	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	7.76E-09	0.00E+00	0.00E+00	0.00E+00	7.76E-09
380	463099.1	3773214	1.14E-07	0.00E+00	0.00E+00	0.00E+00	1.14E-07	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	7.50E-09	0.00E+00	0.00E+00	0.00E+00	7.50E-09
381	463099.1	3773205	1.08E-07	0.00E+00	0.00E+00	0.00E+00	1.08E-07	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	7.08E-09	0.00E+00	0.00E+00	0.00E+00	7.08E-09
382	463099.1	3773196	9.96E-08	0.00E+00	0.00E+00	0.00E+00	9.96E-08	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	6.53E-09	0.00E+00	0.00E+00	0.00E+00	6.53E-09
383	463099.1	3773186	8.98E-08	0.00E+00	0.00E+00	0.00E+00	8.98E-08	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	5.89E-09	0.00E+00	0.00E+00	0.00E+00	5.89E-09
384	463099.1	3773177	7.92E-08	0.00E+00	0.00E+00	0.00E+00	7.92E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	5.20E-09	0.00E+00	0.00E+00	0.00E+00	5.20E-09
385	463099	3773167	6.83E-08	0.00E+00	0.00E+00	0.00E+00	6.83E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	4.49E-09	0.00E+00	0.00E+00	0.00E+00	4.49E-09
386	463099	3773158	5.78E-08	0.00E+00	0.00E+00	0.00E+00	5.78E-08	8.85E-09	0.00E+00	0.00E+00	0.00E+00	8.85E-09	3.79E-09	0.00E+00	0.00E+00	0.00E+00	3.79E-09
387	463099	3773148	4.80E-08	0.00E+00	0.00E+00	0.00E+00	4.80E-08	7.35E-09	0.00E+00	0.00E+00	0.00E+00	7.35E-09	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.15E-09
388	463094	3773284	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	6.65E-09	0.00E+00	0.00E+00	0.00E+00	6.65E-09

389	463109.2	3773233	1.03E-07	0.00E+00	0.00E+00	0.00E+00	1.03E-07		1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08		6.73E-09	0.00E+00	0.00E+00	0.00E+00	6.73E-09
390	463109.1	3773224	1.01E-07	0.00E+00	0.00E+00	0.00E+00	1.01E-07		1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08		6.60E-09	0.00E+00	0.00E+00	0.00E+00	6.60E-09
391	463109.1	3773214	9.68E-08	0.00E+00	0.00E+00	0.00E+00	9.68E-08		1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08		6.35E-09	0.00E+00	0.00E+00	0.00E+00	6.35E-09
392	463109.1	3773205	9.13E-08	0.00E+00	0.00E+00	0.00E+00	9.13E-08		1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08		5.99E-09	0.00E+00	0.00E+00	0.00E+00	5.99E-09
393	463109.1	3773196	8.43E-08	0.00E+00	0.00E+00	0.00E+00	8.43E-08		1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08		5.53E-09	0.00E+00	0.00E+00	0.00E+00	5.53E-09
394	463109.1	3773186	7.63E-08	0.00E+00	0.00E+00	0.00E+00	7.63E-08		1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08		5.01E-09	0.00E+00	0.00E+00	0.00E+00	5.01E-09
395	463109.1	3773177	6.76E-08	0.00E+00	0.00E+00	0.00E+00	6.76E-08		1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08		4.44E-09	0.00E+00	0.00E+00	0.00E+00	4.44E-09
396	463109	3773167	5.89E-08	0.00E+00	0.00E+00	0.00E+00	5.89E-08		9.01E-09	0.00E+00	0.00E+00	0.00E+00	9.01E-09		3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09
397	463109	3773158	5.03E-08	0.00E+00	0.00E+00	0.00E+00	5.03E-08		7.71E-09	0.00E+00	0.00E+00	0.00E+00	7.71E-09		3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09
398	463109	3773148	4.24E-08	0.00E+00	0.00E+00	0.00E+00	4.24E-08		6.48E-09	0.00E+00	0.00E+00	0.00E+00	6.48E-09		2.78E-09	0.00E+00	0.00E+00	0.00E+00	2.78E-09
399	463113	3773286	8.14E-08	0.00E+00	0.00E+00	0.00E+00	8.14E-08		1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08		5.34E-09	0.00E+00	0.00E+00	0.00E+00	5.34E-09
400	463109.8	3773295	7.86E-08	0.00E+00	0.00E+00	0.00E+00	7.86E-08		1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08		5.16E-09	0.00E+00	0.00E+00	0.00E+00	5.16E-09
401	463106.5	3773304	7.48E-08	0.00E+00	0.00E+00	0.00E+00	7.48E-08		1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08		4.91E-09	0.00E+00	0.00E+00	0.00E+00	4.91E-09
402	463103.3	3773313	7.03E-08	0.00E+00	0.00E+00	0.00E+00	7.03E-08		1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08		4.61E-09	0.00E+00	0.00E+00	0.00E+00	4.61E-09
403	463129.2	3773233	7.69E-08	0.00E+00	0.00E+00	0.00E+00	7.69E-08		1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08		5.05E-09	0.00E+00	0.00E+00	0.00E+00	5.05E-09
404	463129.1	3773224	7.48E-08	0.00E+00	0.00E+00	0.00E+00	7.48E-08		1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08		4.91E-09	0.00E+00	0.00E+00	0.00E+00	4.91E-09
405	463129.1	3773214	7.16E-08	0.00E+00	0.00E+00	0.00E+00	7.16E-08		1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08		4.70E-09	0.00E+00	0.00E+00	0.00E+00	4.70E-09
406	463129.1	3773205	6.75E-08	0.00E+00	0.00E+00	0.00E+00	6.75E-08		1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08		4.43E-09	0.00E+00	0.00E+00	0.00E+00	4.43E-09
407	463129.1	3773196	6.24E-08	0.00E+00	0.00E+00	0.00E+00	6.24E-08		9.56E-09	0.00E+00	0.00E+00	0.00E+00	9.56E-09		4.10E-09	0.00E+00	0.00E+00	0.00E+00	4.10E-09
408	463129.1	3773186	5.68E-08	0.00E+00	0.00E+00	0.00E+00	5.68E-08		8.70E-09	0.00E+00	0.00E+00	0.00E+00	8.70E-09		3.73E-09	0.00E+00	0.00E+00	0.00E+00	3.73E-09
409	463129.1	3773177	5.09E-08	0.00E+00	0.00E+00	0.00E+00	5.09E-08		7.79E-09	0.00E+00	0.00E+00	0.00E+00	7.79E-09		3.34E-09	0.00E+00	0.00E+00	0.00E+00	3.34E-09
410	463129	3773167	4.49E-08	0.00E+00	0.00E+00	0.00E+00	4.49E-08		6.88E-09	0.00E+00	0.00E+00	0.00E+00	6.88E-09		2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09
411	463129	3773158	3.91E-08	0.00E+00	0.00E+00	0.00E+00	3.91E-08		5.98E-09	0.00E+00	0.00E+00	0.00E+00	5.98E-09		2.57E-09	0.00E+00	0.00E+00	0.00E+00	2.57E-09
412	463129	3773148	3.36E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-08		5.14E-09	0.00E+00	0.00E+00	0.00E+00	5.14E-09		2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09
413	463130.7	3773293	6.58E-08	0.00E+00	0.00E+00	0.00E+00	6.58E-08		1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08		4.32E-09	0.00E+00	0.00E+00	0.00E+00	4.32E-09
414	463127.6	3773301	6.41E-08	0.00E+00	0.00E+00	0.00E+00	6.41E-08		9.81E-09	0.00E+00	0.00E+00	0.00E+00	9.81E-09		4.21E-09	0.00E+00	0.00E+00	0.00E+00	4.21E-09
415	463121.4	3773318	5.89E-08	0.00E+00	0.00E+00	0.00E+00	5.89E-08		9.01E-09	0.00E+00	0.00E+00	0.00E+00	9.01E-09		3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09
416	463149.2	3773233	5.94E-08	0.00E+00	0.00E+00	0.00E+00	5.94E-08		9.09E-09	0.00E+00	0.00E+00	0.00E+00	9.09E-09		3.90E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-09
417	463149.1	3773224	5.74E-08	0.00E+00	0.00E+00	0.00E+00	5.74E-08		8.79E-09	0.00E+00	0.00E+00	0.00E+00	8.79E-09		3.77E-09	0.00E+00	0.00E+00	0.00E+00	3.77E-09
418	463149.1	3773214	5.48E-08	0.00E+00	0.00E+00	0.00E+00	5.48E-08		8.39E-09	0.00E+00	0.00E+00	0.00E+00	8.39E-09		3.60E-09	0.00E+00	0.00E+00	0.00E+00	3.60E-09
419	463149.1	3773205	5.16E-08	0.00E+00	0.00E+00	0.00E+00	5.16E-08		7.90E-09	0.00E+00	0.00E+00	0.00E+00	7.90E-09		3.38E-09	0.00E+00	0.00E+00	0.00E+00	3.38E-09
420	463149.1	3773195	4.79E-08	0.00E+00	0.00E+00	0.00E+00	4.79E-08		7.33E-09	0.00E+00	0.00E+00	0.00E+00	7.33E-09		3.14E-09	0.00E+00	0.00E+00	0.00E+00	3.14E-09
421	463149.1	3773186	4.38E-08	0.00E+00	0.00E+00	0.00E+00	4.38E-08		6.71E-09	0.00E+00	0.00E+00	0.00E+00	6.71E-09		2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09
422	463149.1	3773177	3.96E-08	0.00E+00	0.00E+00	0.00E+00	3.96E-08		6.06E-09	0.00E+00	0.00E+00	0.00E+00	6.06E-09		2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09
423	463149	3773167	3.53E-08	0.00E+00	0.00E+00	0.00E+00	3.53E-08		5.41E-09	0.00E+00	0.00E+00	0.00E+00	5.41E-09		2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09
424	463149	3773158	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08		4.77E-09	0.00E+00	0.00E+00	0.00E+00	4.77E-09		2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09
425	463149	3773148	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08		4.16E-09	0.00E+00	0.00E+00	0.00E+00	4.16E-09		1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09
426	463153	3773286	5.49E-08	0.00E+00	0.00E+00	0.00E+00	5.49E-08		8.40E-09	0.00E+00	0.00E+00	0.00E+00	8.40E-09		3.60E-09	0.00E+00	0.00E+00	0.00E+00	3.60E-09
427	463149.8	3773295	5.45E-08	0.00E+00	0.00E+00	0.00E+00	5.45E-08		8.35E-09	0.00E+00	0.00E+00	0.00E+00	8.35E-09		3.58E-09	0.00E+00	0.00E+00	0.00E+00	3.58E-09
428	463146.5	3773304	5.36E-08	0.00E+00	0.00E+00	0.00E+00	5.36E-08		8.21E-09	0.00E+00	0.00E+00	0.00E+00	8.21E-09		3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09
429	463143.3	3773312	5.22E-08	0.00E+00	0.00E+00	0.00E+00	5.22E-08		7.99E-09	0.00E+00	0.00E+00	0.00E+00	7.99E-09		3.42E-09	0.00E+00	0.00E+00	0.00E+00	3.42E-09
430	463140.1	3773321	5.02E-08	0.00E+00	0.00E+00	0.00E+00	5.02E-08		7.68E-09	0.00E+00	0.00E+00	0.00E+00	7.68E-09		3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09
431	463136.8	3773330	4.78E-08	0.00E+00	0.00E+00	0.00E+00	4.78E-08		7.32E-09	0.00E+00	0.00E+00	0.00E+00	7.32E-09		3.14E-09	0.00E+00	0.00E+00	0.00E+00	3.14E-09
432	463133.6	3773339	4.53E-08	0.00E+00	0.00E+00	0.00E+00	4.53E-08		6.93E-09	0.00E+00	0.00E+00	0.00E+00	6.93E-09		2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09
433	463169.2	3773233	4.68E-08	0.00E+00	0.00E+00	0.00E+00	4.68E-08		7.16E-09	0.00E+00	0.00E+00	0.00E+00	7.16E-09		3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09
434	463169.1	3773224	4.51E-08	0.00E+00	0.00E+00	0.00E+00	4.51E-08		6.91E-09	0.00E+00	0.00E+00	0.00E+00	6.91E-09		2.96E-09	0.00E+00	0.00E+00	0.00E+00	2.96E-09
435	463169.1	3773214	4.30E-08	0.00E+00	0.00E+00	0.00E+00	4.30E-08		6.58E-09	0.00E+00	0.00E+00	0.00E+00	6.58E-09		2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09
436	463169.1	3773205	4.05E-08	0.00E+00	0.00E+00	0.00E+00	4.05E-08		6.20E-09	0.00E+00	0.00E+00	0.00E+00	6.20E-09		2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09
437	463169.1	3773195	3.77E-08	0.00E+00	0.00E+00	0.00E+00	3.77E-08		5.77E-09	0.00E+00	0.00E+00	0.00E+00	5.77E-09		2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09
438	463169.1	3773186	3.47E-08	0.00E+00	0.00E+00	0.00E+00	3.47E-08		5.31E-09	0.00E+00	0.00E+00	0.00E+00	5.31E-09		2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09
439	463169.1	3773177	3.15E-08	0.00E+00	0.00E+00	0.00E+00	3.15E-08		4.83E-09	0.00E+00	0.00E+00	0.00E+00	4.83E-09		2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09
440	463169	3773167	2.84E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-08		4.35E-09	0.00E+00	0.00E+00	0.00E+00	4.35E-09		1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09
441	463169	3773158	2.54E-08	0.00E+00	0.00E+00	0.00E+00	2.54E-08		3.88E-09	0.00E+00	0.00E+00	0.00E+00	3.88E-09		1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
442	463169	3773148	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08		3.43E-09	0.00E+00	0.00E+00	0.00E+00	3.43E-09		1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09
443	463170.5	3773293	4.57E-08	0.00E+00	0.00E+00	0.00E+00	4.57E-08		6.99E-09	0.00E+00	0.00E+00	0.00E+00	6.99E-09		3.00E-09	0.00E+00	0.00E+00	0.00E+00	3.00E-09
444	463167.3	3773301	4.55E-08	0.00E+00	0.00E+00	0.00E+00	4.55E-08		6.97E-09	0.00E+00	0.00E+00	0.00E+00	6.97E-09		2.99E-09	0.00E+00	0.00E+00	0.00E+00	2.99E-09

445	463164.2	3773310	4.50E-08	0.00E+00	0.00E+00	0.00E+00	4.50E-08	6.88E-09	0.00E+00	0.00E+00	0.00E+00	6.88E-09	2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09
446	463158	3773327	4.27E-08	0.00E+00	0.00E+00	0.00E+00	4.27E-08	6.53E-09	0.00E+00	0.00E+00	0.00E+00	6.53E-09	2.80E-09	0.00E+00	0.00E+00	0.00E+00	2.80E-09
447	463154.9	3773335	4.11E-08	0.00E+00	0.00E+00	0.00E+00	4.11E-08	6.29E-09	0.00E+00	0.00E+00	0.00E+00	6.29E-09	2.70E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-09
448	463148.6	3773352	3.74E-08	0.00E+00	0.00E+00	0.00E+00	3.74E-08	5.72E-09	0.00E+00	0.00E+00	0.00E+00	5.72E-09	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09
449	463189.2	3773233	3.76E-08	0.00E+00	0.00E+00	0.00E+00	3.76E-08	5.76E-09	0.00E+00	0.00E+00	0.00E+00	5.76E-09	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09
450	463189.1	3773224	3.62E-08	0.00E+00	0.00E+00	0.00E+00	3.62E-08	5.54E-09	0.00E+00	0.00E+00	0.00E+00	5.54E-09	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09
451	463189.1	3773214	3.45E-08	0.00E+00	0.00E+00	0.00E+00	3.45E-08	5.28E-09	0.00E+00	0.00E+00	0.00E+00	5.28E-09	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09
452	463189.1	3773205	3.25E-08	0.00E+00	0.00E+00	0.00E+00	3.25E-08	4.98E-09	0.00E+00	0.00E+00	0.00E+00	4.98E-09	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09
453	463189.1	3773195	3.04E-08	0.00E+00	0.00E+00	0.00E+00	3.04E-08	4.65E-09	0.00E+00	0.00E+00	0.00E+00	4.65E-09	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09
454	463189.1	3773186	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08	4.30E-09	0.00E+00	0.00E+00	0.00E+00	4.30E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
455	463189.1	3773177	2.57E-08	0.00E+00	0.00E+00	0.00E+00	2.57E-08	3.93E-09	0.00E+00	0.00E+00	0.00E+00	3.93E-09	1.69E-09	0.00E+00	0.00E+00	0.00E+00	1.69E-09
456	463189	3773167	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08	3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09
457	463189	3773158	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.21E-09	0.00E+00	0.00E+00	0.00E+00	3.21E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
458	463189	3773148	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
459	463193	3773286	3.81E-08	0.00E+00	0.00E+00	0.00E+00	3.81E-08	5.83E-09	0.00E+00	0.00E+00	0.00E+00	5.83E-09	2.50E-09	0.00E+00	0.00E+00	0.00E+00	2.50E-09
460	463189.8	3773295	3.85E-08	0.00E+00	0.00E+00	0.00E+00	3.85E-08	5.89E-09	0.00E+00	0.00E+00	0.00E+00	5.89E-09	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09
461	463186.5	3773304	3.86E-08	0.00E+00	0.00E+00	0.00E+00	3.86E-08	5.91E-09	0.00E+00	0.00E+00	0.00E+00	5.91E-09	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09
462	463183.3	3773312	3.84E-08	0.00E+00	0.00E+00	0.00E+00	3.84E-08	5.87E-09	0.00E+00	0.00E+00	0.00E+00	5.87E-09	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09
463	463180.1	3773321	3.78E-08	0.00E+00	0.00E+00	0.00E+00	3.78E-08	5.78E-09	0.00E+00	0.00E+00	0.00E+00	5.78E-09	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09
464	463176.8	3773330	3.69E-08	0.00E+00	0.00E+00	0.00E+00	3.69E-08	5.65E-09	0.00E+00	0.00E+00	0.00E+00	5.65E-09	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09
465	463173.6	3773339	3.59E-08	0.00E+00	0.00E+00	0.00E+00	3.59E-08	5.49E-09	0.00E+00	0.00E+00	0.00E+00	5.49E-09	2.35E-09	0.00E+00	0.00E+00	0.00E+00	2.35E-09
466	463170.4	3773347	3.45E-08	0.00E+00	0.00E+00	0.00E+00	3.45E-08	5.29E-09	0.00E+00	0.00E+00	0.00E+00	5.29E-09	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09
467	463167.1	3773356	3.31E-08	0.00E+00	0.00E+00	0.00E+00	3.31E-08	5.06E-09	0.00E+00	0.00E+00	0.00E+00	5.06E-09	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09
468	463163.9	3773365	3.14E-08	0.00E+00	0.00E+00	0.00E+00	3.14E-08	4.81E-09	0.00E+00	0.00E+00	0.00E+00	4.81E-09	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09
469	463209.2	3773233	3.08E-08	0.00E+00	0.00E+00	0.00E+00	3.08E-08	4.71E-09	0.00E+00	0.00E+00	0.00E+00	4.71E-09	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09
470	463209.1	3773224	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08	4.53E-09	0.00E+00	0.00E+00	0.00E+00	4.53E-09	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09
471	463209.1	3773214	2.82E-08	0.00E+00	0.00E+00	0.00E+00	2.82E-08	4.31E-09	0.00E+00	0.00E+00	0.00E+00	4.31E-09	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09
472	463209.1	3773205	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	4.08E-09	0.00E+00	0.00E+00	0.00E+00	4.08E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
473	463209.1	3773195	2.49E-08	0.00E+00	0.00E+00	0.00E+00	2.49E-08	3.82E-09	0.00E+00	0.00E+00	0.00E+00	3.82E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
474	463209.1	3773186	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.31E-08	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
475	463209.1	3773177	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.26E-09	0.00E+00	0.00E+00	0.00E+00	3.26E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09
476	463209	3773167	1.95E-08	0.00E+00	0.00E+00	0.00E+00	1.95E-08	2.98E-09	0.00E+00	0.00E+00	0.00E+00	2.98E-09	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09
477	463209	3773158	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	2.70E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
478	463209	3773148	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.43E-09	0.00E+00	0.00E+00	0.00E+00	2.43E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
479	463213.5	3773285	3.20E-08	0.00E+00	0.00E+00	0.00E+00	3.20E-08	4.90E-09	0.00E+00	0.00E+00	0.00E+00	4.90E-09	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09
480	463210.3	3773293	3.25E-08	0.00E+00	0.00E+00	0.00E+00	3.25E-08	4.98E-09	0.00E+00	0.00E+00	0.00E+00	4.98E-09	2.13E-09	0.00E+00	0.00E+00	0.00E+00	2.13E-09
481	463207.2	3773302	3.29E-08	0.00E+00	0.00E+00	0.00E+00	3.29E-08	5.03E-09	0.00E+00	0.00E+00	0.00E+00	5.03E-09	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-09
482	463204.1	3773310	3.30E-08	0.00E+00	0.00E+00	0.00E+00	3.30E-08	5.05E-09	0.00E+00	0.00E+00	0.00E+00	5.05E-09	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-09
483	463200.9	3773319	3.28E-08	0.00E+00	0.00E+00	0.00E+00	3.28E-08	5.03E-09	0.00E+00	0.00E+00	0.00E+00	5.03E-09	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09
484	463197.8	3773327	3.25E-08	0.00E+00	0.00E+00	0.00E+00	3.25E-08	4.97E-09	0.00E+00	0.00E+00	0.00E+00	4.97E-09	2.13E-09	0.00E+00	0.00E+00	0.00E+00	2.13E-09
485	463194.6	3773336	3.19E-08	0.00E+00	0.00E+00	0.00E+00	3.19E-08	4.89E-09	0.00E+00	0.00E+00	0.00E+00	4.89E-09	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09
486	463191.5	3773344	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08	4.77E-09	0.00E+00	0.00E+00	0.00E+00	4.77E-09	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09
487	463188.4	3773353	3.02E-08	0.00E+00	0.00E+00	0.00E+00	3.02E-08	4.63E-09	0.00E+00	0.00E+00	0.00E+00	4.63E-09	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09
488	463182.1	3773370	2.79E-08	0.00E+00	0.00E+00	0.00E+00	2.79E-08	4.27E-09	0.00E+00	0.00E+00	0.00E+00	4.27E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
489	463178.9	3773378	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	4.07E-09	0.00E+00	0.00E+00	0.00E+00	4.07E-09	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09
490	463229.2	3773233	2.56E-08	0.00E+00	0.00E+00	0.00E+00	2.56E-08	3.91E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-09	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09
491	463229.1	3773224	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
492	463229.1	3773214	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08	3.58E-09	0.00E+00	0.00E+00	0.00E+00	3.58E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
493	463229.1	3773205	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	3.39E-09	0.00E+00	0.00E+00	0.00E+00	3.39E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09
494	463229.1	3773195	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.18E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
495	463229.1	3773186	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	2.96E-09	0.00E+00	0.00E+00	0.00E+00	2.96E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
496	463229.1	3773176	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
497	463229	3773167	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
498	463229	3773158	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09	9.85E-10	0.00E+00	0.00E+00	0.00E+00	9.85E-10
499	463229	3773148	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09	8.93E-10	0.00E+00	0.00E+00	0.00E+00	8.93E-10
500	463233	3773286	2.73E-08	0.00E+00	0.00E+00	0.00E+00	2.73E-08	4.17E-09	0.00E+00	0.00E+00	0.00E+00	4.17E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09

501	463229.8	3773295	2.78E-08	0.00E+00	0.00E+00	0.00E+00	2.78E-08	4.26E-09	0.00E+00	0.00E+00	0.00E+00	4.26E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
502	463226.5	3773304	2.82E-08	0.00E+00	0.00E+00	0.00E+00	2.82E-08	4.32E-09	0.00E+00	0.00E+00	0.00E+00	4.32E-09	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09
503	463223.3	3773312	2.84E-08	0.00E+00	0.00E+00	0.00E+00	2.84E-08	4.35E-09	0.00E+00	0.00E+00	0.00E+00	4.35E-09	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09
504	463220.1	3773321	2.85E-08	0.00E+00	0.00E+00	0.00E+00	2.85E-08	4.36E-09	0.00E+00	0.00E+00	0.00E+00	4.36E-09	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09
505	463216.8	3773330	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
506	463213.6	3773338	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	4.28E-09	0.00E+00	0.00E+00	0.00E+00	4.28E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
507	463210.4	3773347	2.75E-08	0.00E+00	0.00E+00	0.00E+00	2.75E-08	4.20E-09	0.00E+00	0.00E+00	0.00E+00	4.20E-09	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09
508	463207.1	3773356	2.68E-08	0.00E+00	0.00E+00	0.00E+00	2.68E-08	4.10E-09	0.00E+00	0.00E+00	0.00E+00	4.10E-09	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09
509	463203.9	3773365	2.60E-08	0.00E+00	0.00E+00	0.00E+00	2.60E-08	3.97E-09	0.00E+00	0.00E+00	0.00E+00	3.97E-09	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09
510	463200.6	3773373	2.50E-08	0.00E+00	0.00E+00	0.00E+00	2.50E-08	3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
511	463197.4	3773382	2.39E-08	0.00E+00	0.00E+00	0.00E+00	2.39E-08	3.67E-09	0.00E+00	0.00E+00	0.00E+00	3.67E-09	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09
512	463194.2	3773391	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08	3.50E-09	0.00E+00	0.00E+00	0.00E+00	3.50E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09
513	463249.2	3773233	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
514	463249.1	3773224	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	3.16E-09	0.00E+00	0.00E+00	0.00E+00	3.16E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09
515	463249.1	3773214	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
516	463249.1	3773205	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	2.85E-09	0.00E+00	0.00E+00	0.00E+00	2.85E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
517	463249.1	3773195	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
518	463249.1	3773186	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	2.51E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
519	463249.1	3773176	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	2.33E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-09	9.99E-10	0.00E+00	0.00E+00	0.00E+00	9.99E-10
520	463249	3773167	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09	9.22E-10	0.00E+00	0.00E+00	0.00E+00	9.22E-10
521	463249	3773158	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09	8.46E-10	0.00E+00	0.00E+00	0.00E+00	8.46E-10
522	463249	3773148	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09	7.73E-10	0.00E+00	0.00E+00	0.00E+00	7.73E-10
523	463253.4	3773285	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08	3.56E-09	0.00E+00	0.00E+00	0.00E+00	3.56E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09
524	463250.3	3773293	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.38E-08	3.65E-09	0.00E+00	0.00E+00	0.00E+00	3.65E-09	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09
525	463247.1	3773302	2.43E-08	0.00E+00	0.00E+00	0.00E+00	2.43E-08	3.72E-09	0.00E+00	0.00E+00	0.00E+00	3.72E-09	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09
526	463243.9	3773310	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	3.77E-09	0.00E+00	0.00E+00	0.00E+00	3.77E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
527	463240.8	3773319	2.48E-08	0.00E+00	0.00E+00	0.00E+00	2.48E-08	3.79E-09	0.00E+00	0.00E+00	0.00E+00	3.79E-09	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09
528	463237.6	3773328	2.48E-08	0.00E+00	0.00E+00	0.00E+00	2.48E-08	3.80E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-09	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09
529	463234.5	3773336	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	3.78E-09	0.00E+00	0.00E+00	0.00E+00	3.78E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09
530	463231.3	3773345	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	3.74E-09	0.00E+00	0.00E+00	0.00E+00	3.74E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
531	463228.2	3773353	2.41E-08	0.00E+00	0.00E+00	0.00E+00	2.41E-08	3.69E-09	0.00E+00	0.00E+00	0.00E+00	3.69E-09	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09
532	463225	3773362	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.61E-09	0.00E+00	0.00E+00	0.00E+00	3.61E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
533	463221.9	3773370	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
534	463218.7	3773379	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.23E-08	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09
535	463215.6	3773387	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
536	463212.4	3773396	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
537	463209.2	3773404	1.98E-08	0.00E+00	0.00E+00	0.00E+00	1.98E-08	3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.03E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09
538	463269.2	3773233	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	2.80E-09	0.00E+00	0.00E+00	0.00E+00	2.80E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
539	463269.1	3773224	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
540	463269.1	3773214	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
541	463269.1	3773205	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.43E-09	0.00E+00	0.00E+00	0.00E+00	2.43E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
542	463269.1	3773195	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09	9.82E-10	0.00E+00	0.00E+00	0.00E+00	9.82E-10
543	463269.1	3773186	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09	9.21E-10	0.00E+00	0.00E+00	0.00E+00	9.21E-10
544	463269.1	3773176	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09	8.59E-10	0.00E+00	0.00E+00	0.00E+00	8.59E-10
545	463269	3773167	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	7.96E-10	0.00E+00	0.00E+00	0.00E+00	7.96E-10
546	463269	3773158	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.34E-10	0.00E+00	0.00E+00	0.00E+00	7.34E-10
547	463269	3773148	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09	6.74E-10	0.00E+00	0.00E+00	0.00E+00	6.74E-10
548	463273	3773286	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	3.08E-09	0.00E+00	0.00E+00	0.00E+00	3.08E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09
549	463269.8	3773295	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.16E-09	0.00E+00	0.00E+00	0.00E+00	3.16E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
550	463266.5	3773303	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
551	463263.3	3773312	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
552	463260.1	3773321	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
553	463256.8	3773330	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	3.34E-09	0.00E+00	0.00E+00	0.00E+00	3.34E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09
554	463253.6	3773338	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09
555	463250.4	3773347	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08	3.31E-09	0.00E+00	0.00E+00	0.00E+00	3.31E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
556	463247.1	3773356	2.14E-08	0.00E+00	0.00E+00	0.00E+00	2.14E-08	3.27E-09	0.00E+00	0.00E+00	0.00E+00	3.27E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09

557	463243.9	3773365	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
558	463240.6	3773373	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.15E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09
559	463237.4	3773382	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08	3.08E-09	0.00E+00	0.00E+00	0.00E+00	3.08E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09
560	463234.2	3773391	1.95E-08	0.00E+00	0.00E+00	0.00E+00	1.95E-08	2.98E-09	0.00E+00	0.00E+00	0.00E+00	2.98E-09	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09
561	463230.9	3773400	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	2.88E-09	0.00E+00	0.00E+00	0.00E+00	2.88E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
562	463227.7	3773408	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	2.78E-09	0.00E+00	0.00E+00	0.00E+00	2.78E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
563	463224.5	3773417	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
564	463289.2	3773233	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
565	463289.1	3773223	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09	9.90E-10	0.00E+00	0.00E+00	0.00E+00	9.90E-10
566	463289.1	3773214	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09	9.45E-10	0.00E+00	0.00E+00	0.00E+00	9.45E-10
567	463289.1	3773205	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09	8.97E-10	0.00E+00	0.00E+00	0.00E+00	8.97E-10
568	463289.1	3773195	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09	8.47E-10	0.00E+00	0.00E+00	0.00E+00	8.47E-10
569	463289.1	3773186	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	7.96E-10	0.00E+00	0.00E+00	0.00E+00	7.96E-10
570	463289.1	3773176	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	7.45E-10	0.00E+00	0.00E+00	0.00E+00	7.45E-10
571	463289	3773167	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.93E-10	0.00E+00	0.00E+00	0.00E+00	6.93E-10
572	463289	3773158	9.78E-09	0.00E+00	0.00E+00	0.00E+00	9.78E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09	6.42E-10	0.00E+00	0.00E+00	0.00E+00	6.42E-10
573	463289	3773148	9.03E-09	0.00E+00	0.00E+00	0.00E+00	9.03E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09	5.92E-10	0.00E+00	0.00E+00	0.00E+00	5.92E-10
574	463293.4	3773285	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	2.67E-09	0.00E+00	0.00E+00	0.00E+00	2.67E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
575	463290.2	3773294	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09
576	463287	3773302	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	2.81E-09	0.00E+00	0.00E+00	0.00E+00	2.81E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
577	463283.9	3773311	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
578	463280.7	3773319	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
579	463277.5	3773328	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08	2.94E-09	0.00E+00	0.00E+00	0.00E+00	2.94E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
580	463274.4	3773336	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
581	463271.2	3773345	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
582	463268	3773353	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08	2.94E-09	0.00E+00	0.00E+00	0.00E+00	2.94E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
583	463264.9	3773362	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
584	463261.7	3773370	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	2.87E-09	0.00E+00	0.00E+00	0.00E+00	2.87E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
585	463258.5	3773379	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
586	463255.4	3773388	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	2.76E-09	0.00E+00	0.00E+00	0.00E+00	2.76E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09
587	463252.2	3773396	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09
588	463249	3773405	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	2.62E-09	0.00E+00	0.00E+00	0.00E+00	2.62E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
589	463245.9	3773413	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
590	463242.7	3773422	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.44E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
591	463239.5	3773430	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09
592	463309.2	3773233	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09	8.94E-10	0.00E+00	0.00E+00	0.00E+00	8.94E-10
593	463309.1	3773223	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09	8.58E-10	0.00E+00	0.00E+00	0.00E+00	8.58E-10
594	463309.1	3773214	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	8.19E-10	0.00E+00	0.00E+00	0.00E+00	8.19E-10
595	463309.1	3773205	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09	7.79E-10	0.00E+00	0.00E+00	0.00E+00	7.79E-10
596	463309.1	3773195	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09	7.37E-10	0.00E+00	0.00E+00	0.00E+00	7.37E-10
597	463309.1	3773186	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	6.94E-10	0.00E+00	0.00E+00	0.00E+00	6.94E-10
598	463309.1	3773176	9.93E-09	0.00E+00	0.00E+00	0.00E+00	9.93E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09	6.51E-10	0.00E+00	0.00E+00	0.00E+00	6.51E-10
599	463309	3773167	9.27E-09	0.00E+00	0.00E+00	0.00E+00	9.27E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.08E-10	0.00E+00	0.00E+00	0.00E+00	6.08E-10
600	463309	3773157	8.62E-09	0.00E+00	0.00E+00	0.00E+00	8.62E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09	5.66E-10	0.00E+00	0.00E+00	0.00E+00	5.66E-10
601	463309	3773148	7.99E-09	0.00E+00	0.00E+00	0.00E+00	7.99E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09	5.24E-10	0.00E+00	0.00E+00	0.00E+00	5.24E-10
602	463323.2	3773285	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	2.19E-09	0.00E+00	0.00E+00	0.00E+00	2.19E-09	9.38E-10	0.00E+00	0.00E+00	0.00E+00	9.38E-10
603	463320	3773294	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09	9.68E-10	0.00E+00	0.00E+00	0.00E+00	9.68E-10
604	463316.8	3773303	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09	9.95E-10	0.00E+00	0.00E+00	0.00E+00	9.95E-10
605	463313.6	3773311	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
606	463310.4	3773320	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	2.42E-09	0.00E+00	0.00E+00	0.00E+00	2.42E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09
607	463307.2	3773329	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
608	463303.9	3773337	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09
609	463300.7	3773346	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
610	463297.5	3773355	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	2.50E-09	0.00E+00	0.00E+00	0.00E+00	2.50E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
611	463294.3	3773363	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
612	463291.1	3773372	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09

613	463287.9	3773381	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.44E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
614	463284.7	3773389	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
615	463281.5	3773398	1.54E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-08	2.36E-09	0.00E+00	0.00E+00	0.00E+00	2.36E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
616	463278.3	3773406	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09	9.90E-10	0.00E+00	0.00E+00	0.00E+00	9.90E-10
617	463275.1	3773415	1.47E-08	0.00E+00	0.00E+00	0.00E+00	1.47E-08	2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09	9.65E-10	0.00E+00	0.00E+00	0.00E+00	9.65E-10
618	463271.9	3773424	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09	9.36E-10	0.00E+00	0.00E+00	0.00E+00	9.36E-10
619	463268.7	3773432	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09	9.05E-10	0.00E+00	0.00E+00	0.00E+00	9.05E-10
620	463265.5	3773441	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09	8.72E-10	0.00E+00	0.00E+00	0.00E+00	8.72E-10
621	463262.3	3773450	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09	8.39E-10	0.00E+00	0.00E+00	0.00E+00	8.39E-10
622	463339.2	3773233	1.11E-08	0.00E+00	0.00E+00	0.00E+00	1.11E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.31E-10	0.00E+00	0.00E+00	0.00E+00	7.31E-10
623	463339.1	3773223	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09	7.02E-10	0.00E+00	0.00E+00	0.00E+00	7.02E-10
624	463339.1	3773214	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09	6.71E-10	0.00E+00	0.00E+00	0.00E+00	6.71E-10
625	463339.1	3773205	9.74E-09	0.00E+00	0.00E+00	0.00E+00	9.74E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09	6.39E-10	0.00E+00	0.00E+00	0.00E+00	6.39E-10
626	463339.1	3773195	9.25E-09	0.00E+00	0.00E+00	0.00E+00	9.25E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.07E-10	0.00E+00	0.00E+00	0.00E+00	6.07E-10
627	463339.1	3773186	8.74E-09	0.00E+00	0.00E+00	0.00E+00	8.74E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	5.74E-10	0.00E+00	0.00E+00	0.00E+00	5.74E-10
628	463339.1	3773176	8.23E-09	0.00E+00	0.00E+00	0.00E+00	8.23E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09	5.40E-10	0.00E+00	0.00E+00	0.00E+00	5.40E-10
629	463339	3773167	7.72E-09	0.00E+00	0.00E+00	0.00E+00	7.72E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09	5.07E-10	0.00E+00	0.00E+00	0.00E+00	5.07E-10
630	463339	3773157	7.22E-09	0.00E+00	0.00E+00	0.00E+00	7.22E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09	4.74E-10	0.00E+00	0.00E+00	0.00E+00	4.74E-10
631	463339	3773148	6.73E-09	0.00E+00	0.00E+00	0.00E+00	6.73E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09	4.41E-10	0.00E+00	0.00E+00	0.00E+00	4.41E-10
632	463353	3773286	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09	7.80E-10	0.00E+00	0.00E+00	0.00E+00	7.80E-10
633	463349.8	3773295	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09	8.06E-10	0.00E+00	0.00E+00	0.00E+00	8.06E-10
634	463346.5	3773303	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	8.30E-10	0.00E+00	0.00E+00	0.00E+00	8.30E-10
635	463343.3	3773312	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09	8.51E-10	0.00E+00	0.00E+00	0.00E+00	8.51E-10
636	463340.1	3773321	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09	8.69E-10	0.00E+00	0.00E+00	0.00E+00	8.69E-10
637	463336.8	3773329	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09	8.84E-10	0.00E+00	0.00E+00	0.00E+00	8.84E-10
638	463333.6	3773338	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09	8.96E-10	0.00E+00	0.00E+00	0.00E+00	8.96E-10
639	463330.4	3773347	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09	9.05E-10	0.00E+00	0.00E+00	0.00E+00	9.05E-10
640	463327.1	3773356	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.13E-09	0.00E+00	0.00E+00	0.00E+00	2.13E-09	9.11E-10	0.00E+00	0.00E+00	0.00E+00	9.11E-10
641	463323.9	3773364	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.13E-09	0.00E+00	0.00E+00	0.00E+00	2.13E-09	9.13E-10	0.00E+00	0.00E+00	0.00E+00	9.13E-10
642	463320.6	3773373	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09	9.11E-10	0.00E+00	0.00E+00	0.00E+00	9.11E-10
643	463317.4	3773382	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09	9.05E-10	0.00E+00	0.00E+00	0.00E+00	9.05E-10
644	463314.2	3773391	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09	8.97E-10	0.00E+00	0.00E+00	0.00E+00	8.97E-10
645	463310.9	3773399	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09	8.86E-10	0.00E+00	0.00E+00	0.00E+00	8.86E-10
646	463307.7	3773408	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09	8.73E-10	0.00E+00	0.00E+00	0.00E+00	8.73E-10
647	463304.5	3773417	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09	8.56E-10	0.00E+00	0.00E+00	0.00E+00	8.56E-10
648	463301.2	3773426	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09	8.36E-10	0.00E+00	0.00E+00	0.00E+00	8.36E-10
649	463298	3773434	1.24E-08	0.00E+00	0.00E+00	0.00E+00	1.24E-08	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	8.14E-10	0.00E+00	0.00E+00	0.00E+00	8.14E-10
650	463294.8	3773443	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09	7.90E-10	0.00E+00	0.00E+00	0.00E+00	7.90E-10
651	463291.5	3773452	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	7.65E-10	0.00E+00	0.00E+00	0.00E+00	7.65E-10
652	463369.2	3773233	9.26E-09	0.00E+00	0.00E+00	0.00E+00	9.26E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.07E-10	0.00E+00	0.00E+00	0.00E+00	6.07E-10
653	463369.1	3773223	8.89E-09	0.00E+00	0.00E+00	0.00E+00	8.89E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09	5.84E-10	0.00E+00	0.00E+00	0.00E+00	5.84E-10
654	463369.1	3773214	8.52E-09	0.00E+00	0.00E+00	0.00E+00	8.52E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09	5.59E-10	0.00E+00	0.00E+00	0.00E+00	5.59E-10
655	463369.1	3773204	8.12E-09	0.00E+00	0.00E+00	0.00E+00	8.12E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09	5.33E-10	0.00E+00	0.00E+00	0.00E+00	5.33E-10
656	463369.1	3773195	7.73E-09	0.00E+00	0.00E+00	0.00E+00	7.73E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09	5.07E-10	0.00E+00	0.00E+00	0.00E+00	5.07E-10
657	463369.1	3773186	7.33E-09	0.00E+00	0.00E+00	0.00E+00	7.33E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09	4.81E-10	0.00E+00	0.00E+00	0.00E+00	4.81E-10
658	463369.1	3773176	6.92E-09	0.00E+00	0.00E+00	0.00E+00	6.92E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09	4.54E-10	0.00E+00	0.00E+00	0.00E+00	4.54E-10
659	463369	3773167	6.52E-09	0.00E+00	0.00E+00	0.00E+00	6.52E-09	9.98E-10	0.00E+00	0.00E+00	0.00E+00	9.98E-10	4.28E-10	0.00E+00	0.00E+00	0.00E+00	4.28E-10
660	463369	3773157	6.12E-09	0.00E+00	0.00E+00	0.00E+00	6.12E-09	9.37E-10	0.00E+00	0.00E+00	0.00E+00	9.37E-10	4.02E-10	0.00E+00	0.00E+00	0.00E+00	4.02E-10
661	463369	3773148	5.73E-09	0.00E+00	0.00E+00	0.00E+00	5.73E-09	8.77E-10	0.00E+00	0.00E+00	0.00E+00	8.77E-10	3.76E-10	0.00E+00	0.00E+00	0.00E+00	3.76E-10
662	463382.9	3773286	9.99E-09	0.00E+00	0.00E+00	0.00E+00	9.99E-09	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09	6.55E-10	0.00E+00	0.00E+00	0.00E+00	6.55E-10
663	463379.6	3773295	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09	6.78E-10	0.00E+00	0.00E+00	0.00E+00	6.78E-10
664	463376.3	3773304	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09	6.99E-10	0.00E+00	0.00E+00	0.00E+00	6.99E-10
665	463373.1	3773313	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	7.18E-10	0.00E+00	0.00E+00	0.00E+00	7.18E-10
666	463369.8	3773321	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.35E-10	0.00E+00	0.00E+00	0.00E+00	7.35E-10
667	463366.5	3773330	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09	7.49E-10	0.00E+00	0.00E+00	0.00E+00	7.49E-10
668	463363.3	3773339	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	7.62E-10	0.00E+00	0.00E+00	0.00E+00	7.62E-10

669	463360	3773348	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08		1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09		7.73E-10	0.00E+00	0.00E+00	0.00E+00	7.73E-10
670	463356.8	3773357	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08		1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09		7.81E-10	0.00E+00	0.00E+00	0.00E+00	7.81E-10
671	463353.5	3773365	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08		1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09		7.85E-10	0.00E+00	0.00E+00	0.00E+00	7.85E-10
672	463350.2	3773374	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08		1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09		7.86E-10	0.00E+00	0.00E+00	0.00E+00	7.86E-10
673	463347	3773383	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08		1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09		7.85E-10	0.00E+00	0.00E+00	0.00E+00	7.85E-10
674	463343.7	3773392	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08		1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09		7.82E-10	0.00E+00	0.00E+00	0.00E+00	7.82E-10
675	463340.4	3773401	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08		1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09		7.77E-10	0.00E+00	0.00E+00	0.00E+00	7.77E-10
676	463337.2	3773409	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08		1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09		7.69E-10	0.00E+00	0.00E+00	0.00E+00	7.69E-10
677	463333.9	3773418	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08		1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09		7.59E-10	0.00E+00	0.00E+00	0.00E+00	7.59E-10
678	463330.6	3773427	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08		1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09		7.47E-10	0.00E+00	0.00E+00	0.00E+00	7.47E-10
679	463327.4	3773436	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08		1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09		7.33E-10	0.00E+00	0.00E+00	0.00E+00	7.33E-10
680	463324.1	3773445	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08		1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09		7.16E-10	0.00E+00	0.00E+00	0.00E+00	7.16E-10
681	463320.9	3773454	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08		1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09		6.98E-10	0.00E+00	0.00E+00	0.00E+00	6.98E-10
682	463399.2	3773233	7.79E-09	0.00E+00	0.00E+00	0.00E+00	7.79E-09		1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09		5.11E-10	0.00E+00	0.00E+00	0.00E+00	5.11E-10
683	463399.1	3773223	7.49E-09	0.00E+00	0.00E+00	0.00E+00	7.49E-09		1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09		4.92E-10	0.00E+00	0.00E+00	0.00E+00	4.92E-10
684	463399.1	3773214	7.18E-09	0.00E+00	0.00E+00	0.00E+00	7.18E-09		1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09		4.71E-10	0.00E+00	0.00E+00	0.00E+00	4.71E-10
685	463399.1	3773204	6.87E-09	0.00E+00	0.00E+00	0.00E+00	6.87E-09		1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09		4.51E-10	0.00E+00	0.00E+00	0.00E+00	4.51E-10
686	463399.1	3773195	6.55E-09	0.00E+00	0.00E+00	0.00E+00	6.55E-09		1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09		4.30E-10	0.00E+00	0.00E+00	0.00E+00	4.30E-10
687	463399.1	3773186	6.22E-09	0.00E+00	0.00E+00	0.00E+00	6.22E-09		9.52E-10	0.00E+00	0.00E+00	0.00E+00	9.52E-10		4.08E-10	0.00E+00	0.00E+00	0.00E+00	4.08E-10
688	463399.1	3773176	5.89E-09	0.00E+00	0.00E+00	0.00E+00	5.89E-09		9.02E-10	0.00E+00	0.00E+00	0.00E+00	9.02E-10		3.87E-10	0.00E+00	0.00E+00	0.00E+00	3.87E-10
689	463399	3773167	5.57E-09	0.00E+00	0.00E+00	0.00E+00	5.57E-09		8.53E-10	0.00E+00	0.00E+00	0.00E+00	8.53E-10		3.65E-10	0.00E+00	0.00E+00	0.00E+00	3.65E-10
690	463399	3773157	5.25E-09	0.00E+00	0.00E+00	0.00E+00	5.25E-09		8.04E-10	0.00E+00	0.00E+00	0.00E+00	8.04E-10		3.45E-10	0.00E+00	0.00E+00	0.00E+00	3.45E-10
691	463399	3773148	4.94E-09	0.00E+00	0.00E+00	0.00E+00	4.94E-09		7.56E-10	0.00E+00	0.00E+00	0.00E+00	7.56E-10		3.24E-10	0.00E+00	0.00E+00	0.00E+00	3.24E-10
692	463403.7	3773311	9.26E-09	0.00E+00	0.00E+00	0.00E+00	9.26E-09		1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09		6.08E-10	0.00E+00	0.00E+00	0.00E+00	6.08E-10
693	463400.5	3773319	9.50E-09	0.00E+00	0.00E+00	0.00E+00	9.50E-09		1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09		6.23E-10	0.00E+00	0.00E+00	0.00E+00	6.23E-10
694	463397.3	3773328	9.71E-09	0.00E+00	0.00E+00	0.00E+00	9.71E-09		1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09		6.37E-10	0.00E+00	0.00E+00	0.00E+00	6.37E-10
695	463394.1	3773337	9.89E-09	0.00E+00	0.00E+00	0.00E+00	9.89E-09		1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09		6.49E-10	0.00E+00	0.00E+00	0.00E+00	6.49E-10
696	463391	3773345	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08		1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09		6.60E-10	0.00E+00	0.00E+00	0.00E+00	6.60E-10
697	463387.8	3773354	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08		1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09		6.69E-10	0.00E+00	0.00E+00	0.00E+00	6.69E-10
698	463384.6	3773362	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08		1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09		6.77E-10	0.00E+00	0.00E+00	0.00E+00	6.77E-10
699	463381.4	3773371	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08		1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09		6.82E-10	0.00E+00	0.00E+00	0.00E+00	6.82E-10
700	463378.2	3773380	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08		1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09		6.85E-10	0.00E+00	0.00E+00	0.00E+00	6.85E-10
701	463375	3773388	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08		1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09		6.86E-10	0.00E+00	0.00E+00	0.00E+00	6.86E-10
702	463371.9	3773397	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08		1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09		6.84E-10	0.00E+00	0.00E+00	0.00E+00	6.84E-10
703	463368.7	3773405	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08		1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09		6.82E-10	0.00E+00	0.00E+00	0.00E+00	6.82E-10
704	463365.5	3773414	1.03E-08	0.00E+00	0.00E+00	0.00E+00	1.03E-08		1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09		6.77E-10	0.00E+00	0.00E+00	0.00E+00	6.77E-10
705	463362.3	3773423	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08		1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09		6.71E-10	0.00E+00	0.00E+00	0.00E+00	6.71E-10
706	463359.1	3773431	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08		1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09		6.63E-10	0.00E+00	0.00E+00	0.00E+00	6.63E-10
707	463355.9	3773440	9.96E-09	0.00E+00	0.00E+00	0.00E+00	9.96E-09		1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09		6.54E-10	0.00E+00	0.00E+00	0.00E+00	6.54E-10
708	463352.7	3773448	9.79E-09	0.00E+00	0.00E+00	0.00E+00	9.79E-09		1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09		6.43E-10	0.00E+00	0.00E+00	0.00E+00	6.43E-10
709	463349.6	3773457	9.59E-09	0.00E+00	0.00E+00	0.00E+00	9.59E-09		1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09		6.29E-10	0.00E+00	0.00E+00	0.00E+00	6.29E-10
710	463401.4	3773398	9.18E-09	0.00E+00	0.00E+00	0.00E+00	9.18E-09		1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09		6.03E-10	0.00E+00	0.00E+00	0.00E+00	6.03E-10
711	463398.2	3773407	9.17E-09	0.00E+00	0.00E+00	0.00E+00	9.17E-09		1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09		6.02E-10	0.00E+00	0.00E+00	0.00E+00	6.02E-10
712	463394.9	3773415	9.13E-09	0.00E+00	0.00E+00	0.00E+00	9.13E-09		1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09		5.99E-10	0.00E+00	0.00E+00	0.00E+00	5.99E-10
713	463391.7	3773424	9.09E-09	0.00E+00	0.00E+00	0.00E+00	9.09E-09		1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09		5.96E-10	0.00E+00	0.00E+00	0.00E+00	5.96E-10
714	463388.5	3773433	9.02E-09	0.00E+00	0.00E+00	0.00E+00	9.02E-09		1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09		5.92E-10	0.00E+00	0.00E+00	0.00E+00	5.92E-10
715	463385.3	3773441	8.93E-09	0.00E+00	0.00E+00	0.00E+00	8.93E-09		1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09		5.86E-10	0.00E+00	0.00E+00	0.00E+00	5.86E-10
716	463382.1	3773450	8.82E-09	0.00E+00	0.00E+00	0.00E+00	8.82E-09		1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09		5.79E-10	0.00E+00	0.00E+00	0.00E+00	5.79E-10
717	463459.2	3773242	5.90E-09	0.00E+00	0.00E+00	0.00E+00	5.90E-09		9.03E-10	0.00E+00	0.00E+00	0.00E+00	9.03E-10		3.87E-10	0.00E+00	0.00E+00	0.00E+00	3.87E-10
718	463459.2	3773233	5.70E-09	0.00E+00	0.00E+00	0.00E+00	5.70E-09		8.73E-10	0.00E+00	0.00E+00	0.00E+00	8.73E-10		3.74E-10	0.00E+00	0.00E+00	0.00E+00	3.74E-10
719	463459.1	3773223	5.50E-09	0.00E+00	0.00E+00	0.00E+00	5.50E-09		8.41E-10	0.00E+00	0.00E+00	0.00E+00	8.41E-10		3.61E-10	0.00E+00	0.00E+00	0.00E+00	3.61E-10
720	463459.1	3773214	5.28E-09	0.00E+00	0.00E+00	0.00E+00	5.28E-09		8.09E-10	0.00E+00	0.00E+00	0.00E+00	8.09E-10		3.47E-10	0.00E+00	0.00E+00	0.00E+00	3.47E-10
721	463459.1	3773204	5.07E-09	0.00E+00	0.00E+00	0.00E+00	5.07E-09		7.76E-10	0.00E+00	0.00E+00	0.00E+00	7.76E-10		3.33E-10	0.00E+00	0.00E+00	0.00E+00	3.33E-10
722	463459.1	3773195	4.85E-09	0.00E+00	0.00E+00	0.00E+00	4.85E-09		7.42E-10	0.00E+00	0.00E+00	0.00E+00	7.42E-10		3.18E-10	0.00E+00	0.00E+00	0.00E+00	3.18E-10
723	463459.1	3773185	4.63E-09	0.00E+00	0.00E+00	0.00E+00	4.63E-09		7.08E-10	0.00E+00	0.00E+00	0.00E+00	7.08E-10		3.04E-10	0.00E+00	0.00E+00	0.00E+00	3.04E-10
724	463459.1	3773176	4.41E-09	0.00E+00	0.00E+00	0.00E+00	4.41E-09		6.74E-10	0.00E+00	0.00E+00	0.00E+00	6.74E-10		2.89E-10	0.00E+00	0.00E+00	0.00E+00	2.89E-10

725	463459	3773167	4.19E-09	0.00E+00	0.00E+00	0.00E+00	4.19E-09	6.41E-10	0.00E+00	0.00E+00	0.00E+00	6.41E-10	2.75E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-10
726	463459	3773157	3.97E-09	0.00E+00	0.00E+00	0.00E+00	3.97E-09	6.08E-10	0.00E+00	0.00E+00	0.00E+00	6.08E-10	2.61E-10	0.00E+00	0.00E+00	0.00E+00	2.61E-10
727	463459	3773148	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09	5.76E-10	0.00E+00	0.00E+00	0.00E+00	5.76E-10	2.47E-10	0.00E+00	0.00E+00	0.00E+00	2.47E-10
728	463489.2	3773242	5.12E-09	0.00E+00	0.00E+00	0.00E+00	5.12E-09	7.84E-10	0.00E+00	0.00E+00	0.00E+00	7.84E-10	3.36E-10	0.00E+00	0.00E+00	0.00E+00	3.36E-10
729	463489.2	3773232	4.95E-09	0.00E+00	0.00E+00	0.00E+00	4.95E-09	7.58E-10	0.00E+00	0.00E+00	0.00E+00	7.58E-10	3.25E-10	0.00E+00	0.00E+00	0.00E+00	3.25E-10
730	463489.1	3773223	4.77E-09	0.00E+00	0.00E+00	0.00E+00	4.77E-09	7.31E-10	0.00E+00	0.00E+00	0.00E+00	7.31E-10	3.13E-10	0.00E+00	0.00E+00	0.00E+00	3.13E-10
731	463489.1	3773214	4.59E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-09	7.03E-10	0.00E+00	0.00E+00	0.00E+00	7.03E-10	3.01E-10	0.00E+00	0.00E+00	0.00E+00	3.01E-10
732	463489.1	3773204	4.41E-09	0.00E+00	0.00E+00	0.00E+00	4.41E-09	6.75E-10	0.00E+00	0.00E+00	0.00E+00	6.75E-10	2.89E-10	0.00E+00	0.00E+00	0.00E+00	2.89E-10
733	463489.1	3773195	4.23E-09	0.00E+00	0.00E+00	0.00E+00	4.23E-09	6.47E-10	0.00E+00	0.00E+00	0.00E+00	6.47E-10	2.77E-10	0.00E+00	0.00E+00	0.00E+00	2.77E-10
734	463489.1	3773185	4.04E-09	0.00E+00	0.00E+00	0.00E+00	4.04E-09	6.19E-10	0.00E+00	0.00E+00	0.00E+00	6.19E-10	2.65E-10	0.00E+00	0.00E+00	0.00E+00	2.65E-10
735	463489.1	3773176	3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09	5.91E-10	0.00E+00	0.00E+00	0.00E+00	5.91E-10	2.53E-10	0.00E+00	0.00E+00	0.00E+00	2.53E-10
736	463489	3773167	3.68E-09	0.00E+00	0.00E+00	0.00E+00	3.68E-09	5.63E-10	0.00E+00	0.00E+00	0.00E+00	5.63E-10	2.41E-10	0.00E+00	0.00E+00	0.00E+00	2.41E-10
737	463489	3773157	3.50E-09	0.00E+00	0.00E+00	0.00E+00	3.50E-09	5.35E-10	0.00E+00	0.00E+00	0.00E+00	5.35E-10	2.29E-10	0.00E+00	0.00E+00	0.00E+00	2.29E-10
738	463489	3773148	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09	5.08E-10	0.00E+00	0.00E+00	0.00E+00	5.08E-10	2.18E-10	0.00E+00	0.00E+00	0.00E+00	2.18E-10
739	463519.2	3773242	4.47E-09	0.00E+00	0.00E+00	0.00E+00	4.47E-09	6.85E-10	0.00E+00	0.00E+00	0.00E+00	6.85E-10	2.94E-10	0.00E+00	0.00E+00	0.00E+00	2.94E-10
740	463519.2	3773232	4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09	6.63E-10	0.00E+00	0.00E+00	0.00E+00	6.63E-10	2.84E-10	0.00E+00	0.00E+00	0.00E+00	2.84E-10
741	463519.1	3773223	4.18E-09	0.00E+00	0.00E+00	0.00E+00	4.18E-09	6.40E-10	0.00E+00	0.00E+00	0.00E+00	6.40E-10	2.74E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-10
742	463519.1	3773214	4.02E-09	0.00E+00	0.00E+00	0.00E+00	4.02E-09	6.16E-10	0.00E+00	0.00E+00	0.00E+00	6.16E-10	2.64E-10	0.00E+00	0.00E+00	0.00E+00	2.64E-10
743	463519.1	3773204	3.87E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-09	5.92E-10	0.00E+00	0.00E+00	0.00E+00	5.92E-10	2.54E-10	0.00E+00	0.00E+00	0.00E+00	2.54E-10
744	463519.1	3773195	3.72E-09	0.00E+00	0.00E+00	0.00E+00	3.72E-09	5.69E-10	0.00E+00	0.00E+00	0.00E+00	5.69E-10	2.44E-10	0.00E+00	0.00E+00	0.00E+00	2.44E-10
745	463519.1	3773185	3.56E-09	0.00E+00	0.00E+00	0.00E+00	3.56E-09	5.45E-10	0.00E+00	0.00E+00	0.00E+00	5.45E-10	2.34E-10	0.00E+00	0.00E+00	0.00E+00	2.34E-10
746	463519.1	3773176	3.41E-09	0.00E+00	0.00E+00	0.00E+00	3.41E-09	5.21E-10	0.00E+00	0.00E+00	0.00E+00	5.21E-10	2.23E-10	0.00E+00	0.00E+00	0.00E+00	2.23E-10
747	463519	3773166	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09	4.98E-10	0.00E+00	0.00E+00	0.00E+00	4.98E-10	2.13E-10	0.00E+00	0.00E+00	0.00E+00	2.13E-10
748	463519	3773157	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09	4.74E-10	0.00E+00	0.00E+00	0.00E+00	4.74E-10	2.03E-10	0.00E+00	0.00E+00	0.00E+00	2.03E-10
749	463519	3773148	2.95E-09	0.00E+00	0.00E+00	0.00E+00	2.95E-09	4.51E-10	0.00E+00	0.00E+00	0.00E+00	4.51E-10	1.94E-10	0.00E+00	0.00E+00	0.00E+00	1.94E-10
750	463549.2	3773242	3.94E-09	0.00E+00	0.00E+00	0.00E+00	3.94E-09	6.03E-10	0.00E+00	0.00E+00	0.00E+00	6.03E-10	2.58E-10	0.00E+00	0.00E+00	0.00E+00	2.58E-10
751	463549.2	3773232	3.81E-09	0.00E+00	0.00E+00	0.00E+00	3.81E-09	5.84E-10	0.00E+00	0.00E+00	0.00E+00	5.84E-10	2.50E-10	0.00E+00	0.00E+00	0.00E+00	2.50E-10
752	463549.1	3773223	3.68E-09	0.00E+00	0.00E+00	0.00E+00	3.68E-09	5.64E-10	0.00E+00	0.00E+00	0.00E+00	5.64E-10	2.42E-10	0.00E+00	0.00E+00	0.00E+00	2.42E-10
753	463549.1	3773214	3.55E-09	0.00E+00	0.00E+00	0.00E+00	3.55E-09	5.44E-10	0.00E+00	0.00E+00	0.00E+00	5.44E-10	2.33E-10	0.00E+00	0.00E+00	0.00E+00	2.33E-10
754	463549.1	3773204	3.42E-09	0.00E+00	0.00E+00	0.00E+00	3.42E-09	5.24E-10	0.00E+00	0.00E+00	0.00E+00	5.24E-10	2.24E-10	0.00E+00	0.00E+00	0.00E+00	2.24E-10
755	463549.1	3773195	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09	5.03E-10	0.00E+00	0.00E+00	0.00E+00	5.03E-10	2.16E-10	0.00E+00	0.00E+00	0.00E+00	2.16E-10
756	463549.1	3773185	3.16E-09	0.00E+00	0.00E+00	0.00E+00	3.16E-09	4.83E-10	0.00E+00	0.00E+00	0.00E+00	4.83E-10	2.07E-10	0.00E+00	0.00E+00	0.00E+00	2.07E-10
757	463549.1	3773176	3.02E-09	0.00E+00	0.00E+00	0.00E+00	3.02E-09	4.63E-10	0.00E+00	0.00E+00	0.00E+00	4.63E-10	1.98E-10	0.00E+00	0.00E+00	0.00E+00	1.98E-10
758	463549	3773166	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09	4.43E-10	0.00E+00	0.00E+00	0.00E+00	4.43E-10	1.90E-10	0.00E+00	0.00E+00	0.00E+00	1.90E-10
759	463549	3773157	2.76E-09	0.00E+00	0.00E+00	0.00E+00	2.76E-09	4.23E-10	0.00E+00	0.00E+00	0.00E+00	4.23E-10	1.81E-10	0.00E+00	0.00E+00	0.00E+00	1.81E-10
760	463549	3773148	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09	4.04E-10	0.00E+00	0.00E+00	0.00E+00	4.04E-10	1.73E-10	0.00E+00	0.00E+00	0.00E+00	1.73E-10
761	463579.2	3773242	3.49E-09	0.00E+00	0.00E+00	0.00E+00	3.49E-09	5.34E-10	0.00E+00	0.00E+00	0.00E+00	5.34E-10	2.29E-10	0.00E+00	0.00E+00	0.00E+00	2.29E-10
762	463579.2	3773232	3.38E-09	0.00E+00	0.00E+00	0.00E+00	3.38E-09	5.17E-10	0.00E+00	0.00E+00	0.00E+00	5.17E-10	2.22E-10	0.00E+00	0.00E+00	0.00E+00	2.22E-10
763	463579.1	3773223	3.27E-09	0.00E+00	0.00E+00	0.00E+00	3.27E-09	5.00E-10	0.00E+00	0.00E+00	0.00E+00	5.00E-10	2.15E-10	0.00E+00	0.00E+00	0.00E+00	2.15E-10
764	463579.1	3773213	3.16E-09	0.00E+00	0.00E+00	0.00E+00	3.16E-09	4.83E-10	0.00E+00	0.00E+00	0.00E+00	4.83E-10	2.07E-10	0.00E+00	0.00E+00	0.00E+00	2.07E-10
765	463579.1	3773204	3.04E-09	0.00E+00	0.00E+00	0.00E+00	3.04E-09	4.66E-10	0.00E+00	0.00E+00	0.00E+00	4.66E-10	2.00E-10	0.00E+00	0.00E+00	0.00E+00	2.00E-10
766	463579.1	3773195	2.93E-09	0.00E+00	0.00E+00	0.00E+00	2.93E-09	4.48E-10	0.00E+00	0.00E+00	0.00E+00	4.48E-10	1.92E-10	0.00E+00	0.00E+00	0.00E+00	1.92E-10
767	463579.1	3773185	2.81E-09	0.00E+00	0.00E+00	0.00E+00	2.81E-09	4.31E-10	0.00E+00	0.00E+00	0.00E+00	4.31E-10	1.85E-10	0.00E+00	0.00E+00	0.00E+00	1.85E-10
768	463579.1	3773176	2.70E-09	0.00E+00	0.00E+00	0.00E+00	2.70E-09	4.13E-10	0.00E+00	0.00E+00	0.00E+00	4.13E-10	1.77E-10	0.00E+00	0.00E+00	0.00E+00	1.77E-10
769	463579	3773166	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09	3.96E-10	0.00E+00	0.00E+00	0.00E+00	3.96E-10	1.70E-10	0.00E+00	0.00E+00	0.00E+00	1.70E-10
770	463579	3773157	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09	3.79E-10	0.00E+00	0.00E+00	0.00E+00	3.79E-10	1.63E-10	0.00E+00	0.00E+00	0.00E+00	1.63E-10
771	463579	3773148	2.37E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-09	3.63E-10	0.00E+00	0.00E+00	0.00E+00	3.63E-10	1.55E-10	0.00E+00	0.00E+00	0.00E+00	1.55E-10
772	463609.2	3773242	3.11E-09	0.00E+00	0.00E+00	0.00E+00	3.11E-09	4.76E-10	0.00E+00	0.00E+00	0.00E+00	4.76E-10	2.04E-10	0.00E+00	0.00E+00	0.00E+00	2.04E-10
773	463609.2	3773232	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09	4.61E-10	0.00E+00	0.00E+00	0.00E+00	4.61E-10	1.98E-10	0.00E+00	0.00E+00	0.00E+00	1.98E-10
774	463609.1	3773223	2.92E-09	0.00E+00	0.00E+00	0.00E+00	2.92E-09	4.47E-10	0.00E+00	0.00E+00	0.00E+00	4.47E-10	1.91E-10	0.00E+00	0.00E+00	0.00E+00	1.91E-10
775	463609.1	3773213	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09	4.32E-10	0.00E+00	0.00E+00	0.00E+00	4.32E-10	1.85E-10	0.00E+00	0.00E+00	0.00E+00	1.85E-10
776	463609.1	3773204	2.72E-09	0.00E+00	0.00E+00	0.00E+00	2.72E-09	4.17E-10	0.00E+00	0.00E+00	0.00E+00	4.17E-10	1.79E-10	0.00E+00	0.00E+00	0.00E+00	1.79E-10
777	463609.1	3773195	2.62E-09	0.00E+00	0.00E+00	0.00E+00	2.62E-09	4.02E-10	0.00E+00	0.00E+00	0.00E+00	4.02E-10	1.72E-10	0.00E+00	0.00E+00	0.00E+00	1.72E-10
778	463609.1	3773185	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09	3.87E-10	0.00E+00	0.00E+00	0.00E+00	3.87E-10	1.66E-10	0.00E+00	0.00E+00	0.00E+00	1.66E-10
779	463609.1	3773176	2.43E-09	0.00E+00	0.00E+00	0.00E+00	2.43E-09	3.72E-10	0.00E+00	0.00E+00	0.00E+00	3.72E-10	1.59E-10	0.00E+00	0.00E+00	0.00E+00	1.59E-10
780	463609	3773166	2.33E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-09	3.57E-10	0.00E+00	0.00E+00	0.00E+00	3.57E-10	1.53E-10	0.00E+00	0.00E+00	0.00E+00	1.53E-10

781	463609	3773157	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09	3.42E-10	0.00E+00	0.00E+00	0.00E+00	3.42E-10	1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10
782	463609	3773147	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09	3.28E-10	0.00E+00	0.00E+00	0.00E+00	3.28E-10	1.40E-10	0.00E+00	0.00E+00	0.00E+00	1.40E-10
783	463649.2	3773232	2.61E-09	0.00E+00	0.00E+00	0.00E+00	2.61E-09	4.00E-10	0.00E+00	0.00E+00	0.00E+00	4.00E-10	1.71E-10	0.00E+00	0.00E+00	0.00E+00	1.71E-10
784	463649.1	3773223	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09	3.87E-10	0.00E+00	0.00E+00	0.00E+00	3.87E-10	1.66E-10	0.00E+00	0.00E+00	0.00E+00	1.66E-10
785	463649.1	3773213	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09	3.75E-10	0.00E+00	0.00E+00	0.00E+00	3.75E-10	1.61E-10	0.00E+00	0.00E+00	0.00E+00	1.61E-10
786	463649.1	3773204	2.36E-09	0.00E+00	0.00E+00	0.00E+00	2.36E-09	3.62E-10	0.00E+00	0.00E+00	0.00E+00	3.62E-10	1.55E-10	0.00E+00	0.00E+00	0.00E+00	1.55E-10
787	463649.1	3773194	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09	3.49E-10	0.00E+00	0.00E+00	0.00E+00	3.49E-10	1.50E-10	0.00E+00	0.00E+00	0.00E+00	1.50E-10
788	463649.1	3773185	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09	3.37E-10	0.00E+00	0.00E+00	0.00E+00	3.37E-10	1.44E-10	0.00E+00	0.00E+00	0.00E+00	1.44E-10
789	463649.1	3773176	2.12E-09	0.00E+00	0.00E+00	0.00E+00	2.12E-09	3.25E-10	0.00E+00	0.00E+00	0.00E+00	3.25E-10	1.39E-10	0.00E+00	0.00E+00	0.00E+00	1.39E-10
790	463649	3773166	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09	3.12E-10	0.00E+00	0.00E+00	0.00E+00	3.12E-10	1.34E-10	0.00E+00	0.00E+00	0.00E+00	1.34E-10
791	463649	3773157	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09	3.00E-10	0.00E+00	0.00E+00	0.00E+00	3.00E-10	1.29E-10	0.00E+00	0.00E+00	0.00E+00	1.29E-10
792	463649	3773147	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09	2.88E-10	0.00E+00	0.00E+00	0.00E+00	2.88E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	1.24E-10
793	463689.2	3773232	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09	3.49E-10	0.00E+00	0.00E+00	0.00E+00	3.49E-10	1.50E-10	0.00E+00	0.00E+00	0.00E+00	1.50E-10
794	463689.1	3773223	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09	3.38E-10	0.00E+00	0.00E+00	0.00E+00	3.38E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	1.45E-10
795	463689.1	3773213	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09	3.28E-10	0.00E+00	0.00E+00	0.00E+00	3.28E-10	1.40E-10	0.00E+00	0.00E+00	0.00E+00	1.40E-10
796	463689.1	3773204	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09	3.17E-10	0.00E+00	0.00E+00	0.00E+00	3.17E-10	1.36E-10	0.00E+00	0.00E+00	0.00E+00	1.36E-10
797	463689.1	3773194	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09	3.07E-10	0.00E+00	0.00E+00	0.00E+00	3.07E-10	1.31E-10	0.00E+00	0.00E+00	0.00E+00	1.31E-10
798	463689.1	3773185	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09	2.96E-10	0.00E+00	0.00E+00	0.00E+00	2.96E-10	1.27E-10	0.00E+00	0.00E+00	0.00E+00	1.27E-10
799	463689.1	3773176	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09	2.86E-10	0.00E+00	0.00E+00	0.00E+00	2.86E-10	1.22E-10	0.00E+00	0.00E+00	0.00E+00	1.22E-10
800	463689	3773166	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09	2.75E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	1.18E-10
801	463689	3773157	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09	2.65E-10	0.00E+00	0.00E+00	0.00E+00	2.65E-10	1.14E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-10
802	463689	3773147	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09	2.55E-10	0.00E+00	0.00E+00	0.00E+00	2.55E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-10
803	463729.2	3773232	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09	3.07E-10	0.00E+00	0.00E+00	0.00E+00	3.07E-10	1.32E-10	0.00E+00	0.00E+00	0.00E+00	1.32E-10
804	463729.1	3773223	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09	2.98E-10	0.00E+00	0.00E+00	0.00E+00	2.98E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	1.28E-10
805	463729.1	3773213	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09	2.89E-10	0.00E+00	0.00E+00	0.00E+00	2.89E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	1.24E-10
806	463729.1	3773204	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09	2.80E-10	0.00E+00	0.00E+00	0.00E+00	2.80E-10	1.20E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-10
807	463729.1	3773194	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	2.71E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-10
808	463729.1	3773185	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	2.62E-10	0.00E+00	0.00E+00	0.00E+00	2.62E-10	1.12E-10	0.00E+00	0.00E+00	0.00E+00	1.12E-10
809	463729.1	3773175	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	2.53E-10	0.00E+00	0.00E+00	0.00E+00	2.53E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-10
810	463729	3773166	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09	2.45E-10	0.00E+00	0.00E+00	0.00E+00	2.45E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	1.05E-10
811	463729	3773157	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	2.36E-10	0.00E+00	0.00E+00	0.00E+00	2.36E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	1.01E-10
812	463729	3773147	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09	2.27E-10	0.00E+00	0.00E+00	0.00E+00	2.27E-10	9.75E-11	0.00E+00	0.00E+00	0.00E+00	9.75E-11
813	463769.2	3773232	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	2.72E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10
814	463769.1	3773222	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09	2.64E-10	0.00E+00	0.00E+00	0.00E+00	2.64E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-10
815	463769.1	3773213	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	2.57E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
816	463769.1	3773204	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09	2.49E-10	0.00E+00	0.00E+00	0.00E+00	2.49E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	1.07E-10
817	463769.1	3773194	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09	2.41E-10	0.00E+00	0.00E+00	0.00E+00	2.41E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	1.03E-10
818	463769.1	3773185	1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09	2.34E-10	0.00E+00	0.00E+00	0.00E+00	2.34E-10	1.00E-10	0.00E+00	0.00E+00	0.00E+00	1.00E-10
819	463769.1	3773175	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09	2.26E-10	0.00E+00	0.00E+00	0.00E+00	2.26E-10	9.69E-11	0.00E+00	0.00E+00	0.00E+00	9.69E-11
820	463769	3773166	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09	2.18E-10	0.00E+00	0.00E+00	0.00E+00	2.18E-10	9.37E-11	0.00E+00	0.00E+00	0.00E+00	9.37E-11
821	463769	3773157	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09	2.11E-10	0.00E+00	0.00E+00	0.00E+00	2.11E-10	9.05E-11	0.00E+00	0.00E+00	0.00E+00	9.05E-11
822	463769	3773147	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	2.04E-10	0.00E+00	0.00E+00	0.00E+00	2.04E-10	8.74E-11	0.00E+00	0.00E+00	0.00E+00	8.74E-11
823	463809.2	3773232	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09	2.43E-10	0.00E+00	0.00E+00	0.00E+00	2.43E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	1.04E-10
824	463809.1	3773222	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	2.36E-10	0.00E+00	0.00E+00	0.00E+00	2.36E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	1.01E-10
825	463809.1	3773213	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09	2.29E-10	0.00E+00	0.00E+00	0.00E+00	2.29E-10	9.84E-11	0.00E+00	0.00E+00	0.00E+00	9.84E-11
826	463809.1	3773204	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09	2.23E-10	0.00E+00	0.00E+00	0.00E+00	2.23E-10	9.55E-11	0.00E+00	0.00E+00	0.00E+00	9.55E-11
827	463809.1	3773194	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09	2.16E-10	0.00E+00	0.00E+00	0.00E+00	2.16E-10	9.27E-11	0.00E+00	0.00E+00	0.00E+00	9.27E-11
828	463809.1	3773185	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09	2.10E-10	0.00E+00	0.00E+00	0.00E+00	2.10E-10	8.98E-11	0.00E+00	0.00E+00	0.00E+00	8.98E-11
829	463809.1	3773175	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	2.03E-10	0.00E+00	0.00E+00	0.00E+00	2.03E-10	8.70E-11	0.00E+00	0.00E+00	0.00E+00	8.70E-11
830	463809	3773166	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09	1.96E-10	0.00E+00	0.00E+00	0.00E+00	1.96E-10	8.42E-11	0.00E+00	0.00E+00	0.00E+00	8.42E-11
831	463809	3773156	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09	1.90E-10	0.00E+00	0.00E+00	0.00E+00	1.90E-10	8.15E-11	0.00E+00	0.00E+00	0.00E+00	8.15E-11
832	463809	3773147	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09	1.84E-10	0.00E+00	0.00E+00	0.00E+00	1.84E-10	7.88E-11	0.00E+00	0.00E+00	0.00E+00	7.88E-11
833	463849.2	3773232	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	2.18E-10	0.00E+00	0.00E+00	0.00E+00	2.18E-10	9.33E-11	0.00E+00	0.00E+00	0.00E+00	9.33E-11
834	463849.1	3773222	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09	2.12E-10	0.00E+00	0.00E+00	0.00E+00	2.12E-10	9.09E-11	0.00E+00	0.00E+00	0.00E+00	9.09E-11
835	463849.1	3773213	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	2.06E-10	0.00E+00	0.00E+00	0.00E+00	2.06E-10	8.84E-11	0.00E+00	0.00E+00	0.00E+00	8.84E-11
836	463849.1	3773203	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09	2.00E-10	0.00E+00	0.00E+00	0.00E+00	2.00E-10	8.59E-11	0.00E+00	0.00E+00	0.00E+00	8.59E-11

837	463849.1	3773194	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09	1.95E-10	0.00E+00	0.00E+00	0.00E+00	1.95E-10	8.34E-11	0.00E+00	0.00E+00	0.00E+00	8.34E-11
838	463849.1	3773185	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09	1.89E-10	0.00E+00	0.00E+00	0.00E+00	1.89E-10	8.10E-11	0.00E+00	0.00E+00	0.00E+00	8.10E-11
839	463849.1	3773175	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09	1.83E-10	0.00E+00	0.00E+00	0.00E+00	1.83E-10	7.86E-11	0.00E+00	0.00E+00	0.00E+00	7.86E-11
840	463849	3773166	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09	1.78E-10	0.00E+00	0.00E+00	0.00E+00	1.78E-10	7.62E-11	0.00E+00	0.00E+00	0.00E+00	7.62E-11
841	463849	3773156	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09	1.72E-10	0.00E+00	0.00E+00	0.00E+00	1.72E-10	7.38E-11	0.00E+00	0.00E+00	0.00E+00	7.38E-11
842	463849	3773147	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09	1.67E-10	0.00E+00	0.00E+00	0.00E+00	1.67E-10	7.15E-11	0.00E+00	0.00E+00	0.00E+00	7.15E-11
843	463889.2	3773241	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09	2.01E-10	0.00E+00	0.00E+00	0.00E+00	2.01E-10	8.63E-11	0.00E+00	0.00E+00	0.00E+00	8.63E-11
844	463889.2	3773232	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09	1.96E-10	0.00E+00	0.00E+00	0.00E+00	1.96E-10	8.42E-11	0.00E+00	0.00E+00	0.00E+00	8.42E-11
845	463889.1	3773222	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09	1.91E-10	0.00E+00	0.00E+00	0.00E+00	1.91E-10	8.20E-11	0.00E+00	0.00E+00	0.00E+00	8.20E-11
846	463889.1	3773213	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09	1.86E-10	0.00E+00	0.00E+00	0.00E+00	1.86E-10	7.99E-11	0.00E+00	0.00E+00	0.00E+00	7.99E-11
847	463889.1	3773203	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09	1.81E-10	0.00E+00	0.00E+00	0.00E+00	1.81E-10	7.77E-11	0.00E+00	0.00E+00	0.00E+00	7.77E-11
848	463889.1	3773194	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09	1.76E-10	0.00E+00	0.00E+00	0.00E+00	1.76E-10	7.56E-11	0.00E+00	0.00E+00	0.00E+00	7.56E-11
849	463889.1	3773185	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09	1.71E-10	0.00E+00	0.00E+00	0.00E+00	1.71E-10	7.34E-11	0.00E+00	0.00E+00	0.00E+00	7.34E-11
850	463889.1	3773175	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09	1.66E-10	0.00E+00	0.00E+00	0.00E+00	1.66E-10	7.13E-11	0.00E+00	0.00E+00	0.00E+00	7.13E-11
851	463889	3773166	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09	1.61E-10	0.00E+00	0.00E+00	0.00E+00	1.61E-10	6.92E-11	0.00E+00	0.00E+00	0.00E+00	6.92E-11
852	463889	3773156	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09	1.57E-10	0.00E+00	0.00E+00	0.00E+00	1.57E-10	6.71E-11	0.00E+00	0.00E+00	0.00E+00	6.71E-11
853	463889	3773147	9.92E-10	0.00E+00	0.00E+00	0.00E+00	9.92E-10	1.52E-10	0.00E+00	0.00E+00	0.00E+00	1.52E-10	6.51E-11	0.00E+00	0.00E+00	0.00E+00	6.51E-11
854	463929.2	3773241	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09	1.83E-10	0.00E+00	0.00E+00	0.00E+00	1.83E-10	7.83E-11	0.00E+00	0.00E+00	0.00E+00	7.83E-11
855	463929.2	3773232	1.16E-09	0.00E+00	0.00E+00	0.00E+00	1.16E-09	1.78E-10	0.00E+00	0.00E+00	0.00E+00	1.78E-10	7.64E-11	0.00E+00	0.00E+00	0.00E+00	7.64E-11
856	463929.1	3773222	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09	1.74E-10	0.00E+00	0.00E+00	0.00E+00	1.74E-10	7.44E-11	0.00E+00	0.00E+00	0.00E+00	7.44E-11
857	463929.1	3773213	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09	1.69E-10	0.00E+00	0.00E+00	0.00E+00	1.69E-10	7.25E-11	0.00E+00	0.00E+00	0.00E+00	7.25E-11
858	463929.1	3773203	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09	1.65E-10	0.00E+00	0.00E+00	0.00E+00	1.65E-10	7.06E-11	0.00E+00	0.00E+00	0.00E+00	7.06E-11
859	463929.1	3773194	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09	1.60E-10	0.00E+00	0.00E+00	0.00E+00	1.60E-10	6.87E-11	0.00E+00	0.00E+00	0.00E+00	6.87E-11
860	463929.1	3773184	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09	1.56E-10	0.00E+00	0.00E+00	0.00E+00	1.56E-10	6.69E-11	0.00E+00	0.00E+00	0.00E+00	6.69E-11
861	463929.1	3773175	9.90E-10	0.00E+00	0.00E+00	0.00E+00	9.90E-10	1.52E-10	0.00E+00	0.00E+00	0.00E+00	1.52E-10	6.50E-11	0.00E+00	0.00E+00	0.00E+00	6.50E-11
862	463929	3773166	9.63E-10	0.00E+00	0.00E+00	0.00E+00	9.63E-10	1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10	6.32E-11	0.00E+00	0.00E+00	0.00E+00	6.32E-11
863	463929	3773156	9.35E-10	0.00E+00	0.00E+00	0.00E+00	9.35E-10	1.43E-10	0.00E+00	0.00E+00	0.00E+00	1.43E-10	6.13E-11	0.00E+00	0.00E+00	0.00E+00	6.13E-11
864	463929	3773147	9.08E-10	0.00E+00	0.00E+00	0.00E+00	9.08E-10	1.39E-10	0.00E+00	0.00E+00	0.00E+00	1.39E-10	5.96E-11	0.00E+00	0.00E+00	0.00E+00	5.96E-11
865	463969.2	3773241	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09	1.66E-10	0.00E+00	0.00E+00	0.00E+00	1.66E-10	7.12E-11	0.00E+00	0.00E+00	0.00E+00	7.12E-11
866	463969.2	3773232	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09	1.62E-10	0.00E+00	0.00E+00	0.00E+00	1.62E-10	6.95E-11	0.00E+00	0.00E+00	0.00E+00	6.95E-11
867	463969.1	3773222	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09	1.58E-10	0.00E+00	0.00E+00	0.00E+00	1.58E-10	6.78E-11	0.00E+00	0.00E+00	0.00E+00	6.78E-11
868	463969.1	3773213	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09	1.54E-10	0.00E+00	0.00E+00	0.00E+00	1.54E-10	6.62E-11	0.00E+00	0.00E+00	0.00E+00	6.62E-11
869	463969.1	3773203	9.83E-10	0.00E+00	0.00E+00	0.00E+00	9.83E-10	1.50E-10	0.00E+00	0.00E+00	0.00E+00	1.50E-10	6.45E-11	0.00E+00	0.00E+00	0.00E+00	6.45E-11
870	463969.1	3773194	9.57E-10	0.00E+00	0.00E+00	0.00E+00	9.57E-10	1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10	6.28E-11	0.00E+00	0.00E+00	0.00E+00	6.28E-11
871	463969.1	3773184	9.32E-10	0.00E+00	0.00E+00	0.00E+00	9.32E-10	1.43E-10	0.00E+00	0.00E+00	0.00E+00	1.43E-10	6.12E-11	0.00E+00	0.00E+00	0.00E+00	6.12E-11
872	463969.1	3773175	9.07E-10	0.00E+00	0.00E+00	0.00E+00	9.07E-10	1.39E-10	0.00E+00	0.00E+00	0.00E+00	1.39E-10	5.95E-11	0.00E+00	0.00E+00	0.00E+00	5.95E-11
873	463969	3773166	8.82E-10	0.00E+00	0.00E+00	0.00E+00	8.82E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	1.35E-10	5.79E-11	0.00E+00	0.00E+00	0.00E+00	5.79E-11
874	463969	3773156	8.58E-10	0.00E+00	0.00E+00	0.00E+00	8.58E-10	1.31E-10	0.00E+00	0.00E+00	0.00E+00	1.31E-10	5.63E-11	0.00E+00	0.00E+00	0.00E+00	5.63E-11
875	463969	3773147	8.34E-10	0.00E+00	0.00E+00	0.00E+00	8.34E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	1.28E-10	5.47E-11	0.00E+00	0.00E+00	0.00E+00	5.47E-11
876	464009.2	3773241	9.92E-10	0.00E+00	0.00E+00	0.00E+00	9.92E-10	1.52E-10	0.00E+00	0.00E+00	0.00E+00	1.52E-10	6.51E-11	0.00E+00	0.00E+00	0.00E+00	6.51E-11
877	464009.2	3773231	9.69E-10	0.00E+00	0.00E+00	0.00E+00	9.69E-10	1.48E-10	0.00E+00	0.00E+00	0.00E+00	1.48E-10	6.36E-11	0.00E+00	0.00E+00	0.00E+00	6.36E-11
878	464009.1	3773222	9.46E-10	0.00E+00	0.00E+00	0.00E+00	9.46E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	1.45E-10	6.21E-11	0.00E+00	0.00E+00	0.00E+00	6.21E-11
879	464009.1	3773213	9.24E-10	0.00E+00	0.00E+00	0.00E+00	9.24E-10	1.41E-10	0.00E+00	0.00E+00	0.00E+00	1.41E-10	6.06E-11	0.00E+00	0.00E+00	0.00E+00	6.06E-11
880	464009.1	3773203	9.01E-10	0.00E+00	0.00E+00	0.00E+00	9.01E-10	1.38E-10	0.00E+00	0.00E+00	0.00E+00	1.38E-10	5.91E-11	0.00E+00	0.00E+00	0.00E+00	5.91E-11
881	464009.1	3773194	8.78E-10	0.00E+00	0.00E+00	0.00E+00	8.78E-10	1.34E-10	0.00E+00	0.00E+00	0.00E+00	1.34E-10	5.76E-11	0.00E+00	0.00E+00	0.00E+00	5.76E-11
882	464009.1	3773184	8.56E-10	0.00E+00	0.00E+00	0.00E+00	8.56E-10	1.31E-10	0.00E+00	0.00E+00	0.00E+00	1.31E-10	5.62E-11	0.00E+00	0.00E+00	0.00E+00	5.62E-11
883	464009	3773175	8.34E-10	0.00E+00	0.00E+00	0.00E+00	8.34E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	1.28E-10	5.47E-11	0.00E+00	0.00E+00	0.00E+00	5.47E-11
884	464009	3773165	8.12E-10	0.00E+00	0.00E+00	0.00E+00	8.12E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	1.24E-10	5.33E-11	0.00E+00	0.00E+00	0.00E+00	5.33E-11
885	464009	3773156	7.90E-10	0.00E+00	0.00E+00	0.00E+00	7.90E-10	1.21E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-10	5.19E-11	0.00E+00	0.00E+00	0.00E+00	5.19E-11
886	464009	3773147	7.69E-10	0.00E+00	0.00E+00	0.00E+00	7.69E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	1.18E-10	5.05E-11	0.00E+00	0.00E+00	0.00E+00	5.05E-11
887	463009	3773139	1.16E-07	0.00E+00	0.00E+00	0.00E+00	1.16E-07	1.77E-08	0.00E+00	0.00E+00	0.00E+00	1.77E-08	7.60E-09	0.00E+00	0.00E+00	0.00E+00	7.60E-09
888	462999.9	3773139	1.27E-07	0.00E+00	0.00E+00	0.00E+00	1.27E-07	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08	8.31E-09	0.00E+00	0.00E+00	0.00E+00	8.31E-09
889	462990.8	3773139	1.37E-07	0.00E+00	0.00E+00	0.00E+00	1.37E-07	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	9.00E-09	0.00E+00	0.00E+00	0.00E+00	9.00E-09
890	462981.7	3773139	1.43E-07	0.00E+00	0.00E+00	0.00E+00	1.43E-07	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	9.39E-09	0.00E+00	0.00E+00	0.00E+00	9.39E-09
891	462972.6	3773139	1.44E-07	0.00E+00	0.00E+00	0.00E+00	1.44E-07	2.20E-08	0.00E+00	0.00E+00	0.00E+00	2.20E-08	9.42E-09	0.00E+00	0.00E+00	0.00E+00	9.42E-09
892	462963.5	3773139	1.40E-07	0.00E+00	0.00E+00	0.00E+00	1.40E-07	2.15E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-08	9.20E-09	0.00E+00	0.00E+00	0.00E+00	9.20E-09

893	462954.4	3773139	1.34E-07	0.00E+00	0.00E+00	0.00E+00	1.34E-07		2.04E-08	0.00E+00	0.00E+00	0.00E+00	2.04E-08		8.77E-09	0.00E+00	0.00E+00	0.00E+00	8.77E-09
894	462945.3	3773139	1.25E-07	0.00E+00	0.00E+00	0.00E+00	1.25E-07		1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08		8.17E-09	0.00E+00	0.00E+00	0.00E+00	8.17E-09
895	462936.2	3773139	1.13E-07	0.00E+00	0.00E+00	0.00E+00	1.13E-07		1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08		7.39E-09	0.00E+00	0.00E+00	0.00E+00	7.39E-09
896	462927.1	3773139	9.68E-08	0.00E+00	0.00E+00	0.00E+00	9.68E-08		1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08		6.35E-09	0.00E+00	0.00E+00	0.00E+00	6.35E-09
897	462918	3773139	7.85E-08	0.00E+00	0.00E+00	0.00E+00	7.85E-08		1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08		5.15E-09	0.00E+00	0.00E+00	0.00E+00	5.15E-09
898	462999.9	3773129	7.58E-08	0.00E+00	0.00E+00	0.00E+00	7.58E-08		1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08		4.98E-09	0.00E+00	0.00E+00	0.00E+00	4.98E-09
899	462990.8	3773129	8.17E-08	0.00E+00	0.00E+00	0.00E+00	8.17E-08		1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08		5.36E-09	0.00E+00	0.00E+00	0.00E+00	5.36E-09
900	462981.7	3773129	8.62E-08	0.00E+00	0.00E+00	0.00E+00	8.62E-08		1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08		5.66E-09	0.00E+00	0.00E+00	0.00E+00	5.66E-09
901	462972.6	3773129	8.87E-08	0.00E+00	0.00E+00	0.00E+00	8.87E-08		1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08		5.82E-09	0.00E+00	0.00E+00	0.00E+00	5.82E-09
902	462963.5	3773129	8.92E-08	0.00E+00	0.00E+00	0.00E+00	8.92E-08		1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08		5.85E-09	0.00E+00	0.00E+00	0.00E+00	5.85E-09
903	462954.4	3773129	8.78E-08	0.00E+00	0.00E+00	0.00E+00	8.78E-08		1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08		5.76E-09	0.00E+00	0.00E+00	0.00E+00	5.76E-09
904	462945.3	3773129	8.46E-08	0.00E+00	0.00E+00	0.00E+00	8.46E-08		1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08		5.55E-09	0.00E+00	0.00E+00	0.00E+00	5.55E-09
905	462936.2	3773129	7.92E-08	0.00E+00	0.00E+00	0.00E+00	7.92E-08		1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08		5.20E-09	0.00E+00	0.00E+00	0.00E+00	5.20E-09
906	462927.1	3773129	7.14E-08	0.00E+00	0.00E+00	0.00E+00	7.14E-08		1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08		4.69E-09	0.00E+00	0.00E+00	0.00E+00	4.69E-09
907	462918	3773129	6.18E-08	0.00E+00	0.00E+00	0.00E+00	6.18E-08		9.46E-09	0.00E+00	0.00E+00	0.00E+00	9.46E-09		4.06E-09	0.00E+00	0.00E+00	0.00E+00	4.06E-09
908	463033.1	3773134	7.49E-08	0.00E+00	0.00E+00	0.00E+00	7.49E-08		1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08		4.92E-09	0.00E+00	0.00E+00	0.00E+00	4.92E-09
909	462999.8	3773119	4.99E-08	0.00E+00	0.00E+00	0.00E+00	4.99E-08		7.64E-09	0.00E+00	0.00E+00	0.00E+00	7.64E-09		3.27E-09	0.00E+00	0.00E+00	0.00E+00	3.27E-09
910	462990.7	3773119	5.36E-08	0.00E+00	0.00E+00	0.00E+00	5.36E-08		8.20E-09	0.00E+00	0.00E+00	0.00E+00	8.20E-09		3.51E-09	0.00E+00	0.00E+00	0.00E+00	3.51E-09
911	462981.6	3773119	5.70E-08	0.00E+00	0.00E+00	0.00E+00	5.70E-08		8.73E-09	0.00E+00	0.00E+00	0.00E+00	8.73E-09		3.74E-09	0.00E+00	0.00E+00	0.00E+00	3.74E-09
912	462972.5	3773119	5.97E-08	0.00E+00	0.00E+00	0.00E+00	5.97E-08		9.13E-09	0.00E+00	0.00E+00	0.00E+00	9.13E-09		3.92E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-09
913	462963.4	3773119	6.13E-08	0.00E+00	0.00E+00	0.00E+00	6.13E-08		9.38E-09	0.00E+00	0.00E+00	0.00E+00	9.38E-09		4.02E-09	0.00E+00	0.00E+00	0.00E+00	4.02E-09
914	462954.3	3773119	6.16E-08	0.00E+00	0.00E+00	0.00E+00	6.16E-08		9.44E-09	0.00E+00	0.00E+00	0.00E+00	9.44E-09		4.05E-09	0.00E+00	0.00E+00	0.00E+00	4.05E-09
915	462945.2	3773119	6.07E-08	0.00E+00	0.00E+00	0.00E+00	6.07E-08		9.29E-09	0.00E+00	0.00E+00	0.00E+00	9.29E-09		3.98E-09	0.00E+00	0.00E+00	0.00E+00	3.98E-09
916	462936.1	3773119	5.83E-08	0.00E+00	0.00E+00	0.00E+00	5.83E-08		8.93E-09	0.00E+00	0.00E+00	0.00E+00	8.93E-09		3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09
917	462927	3773119	5.44E-08	0.00E+00	0.00E+00	0.00E+00	5.44E-08		8.33E-09	0.00E+00	0.00E+00	0.00E+00	8.33E-09		3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09
918	462917.9	3773119	4.92E-08	0.00E+00	0.00E+00	0.00E+00	4.92E-08		7.53E-09	0.00E+00	0.00E+00	0.00E+00	7.53E-09		3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09
919	463040.2	3773127	5.27E-08	0.00E+00	0.00E+00	0.00E+00	5.27E-08		8.06E-09	0.00E+00	0.00E+00	0.00E+00	8.06E-09		3.46E-09	0.00E+00	0.00E+00	0.00E+00	3.46E-09
920	462999.8	3773109	3.51E-08	0.00E+00	0.00E+00	0.00E+00	3.51E-08		5.37E-09	0.00E+00	0.00E+00	0.00E+00	5.37E-09		2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09
921	462990.7	3773109	3.76E-08	0.00E+00	0.00E+00	0.00E+00	3.76E-08		5.76E-09	0.00E+00	0.00E+00	0.00E+00	5.76E-09		2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09
922	462981.6	3773109	4.03E-08	0.00E+00	0.00E+00	0.00E+00	4.03E-08		6.17E-09	0.00E+00	0.00E+00	0.00E+00	6.17E-09		2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09
923	462972.5	3773109	4.27E-08	0.00E+00	0.00E+00	0.00E+00	4.27E-08		6.53E-09	0.00E+00	0.00E+00	0.00E+00	6.53E-09		2.80E-09	0.00E+00	0.00E+00	0.00E+00	2.80E-09
924	462963.4	3773109	4.45E-08	0.00E+00	0.00E+00	0.00E+00	4.45E-08		6.81E-09	0.00E+00	0.00E+00	0.00E+00	6.81E-09		2.92E-09	0.00E+00	0.00E+00	0.00E+00	2.92E-09
925	462954.3	3773109	4.55E-08	0.00E+00	0.00E+00	0.00E+00	4.55E-08		6.96E-09	0.00E+00	0.00E+00	0.00E+00	6.96E-09		2.98E-09	0.00E+00	0.00E+00	0.00E+00	2.98E-09
926	462945.2	3773109	4.56E-08	0.00E+00	0.00E+00	0.00E+00	4.56E-08		6.98E-09	0.00E+00	0.00E+00	0.00E+00	6.98E-09		2.99E-09	0.00E+00	0.00E+00	0.00E+00	2.99E-09
927	462936.1	3773109	4.47E-08	0.00E+00	0.00E+00	0.00E+00	4.47E-08		6.85E-09	0.00E+00	0.00E+00	0.00E+00	6.85E-09		2.93E-09	0.00E+00	0.00E+00	0.00E+00	2.93E-09
928	462927	3773109	4.28E-08	0.00E+00	0.00E+00	0.00E+00	4.28E-08		6.55E-09	0.00E+00	0.00E+00	0.00E+00	6.55E-09		2.81E-09	0.00E+00	0.00E+00	0.00E+00	2.81E-09
929	462917.9	3773109	3.98E-08	0.00E+00	0.00E+00	0.00E+00	3.98E-08		6.10E-09	0.00E+00	0.00E+00	0.00E+00	6.10E-09		2.61E-09	0.00E+00	0.00E+00	0.00E+00	2.61E-09
930	463047.2	3773120	3.88E-08	0.00E+00	0.00E+00	0.00E+00	3.88E-08		5.94E-09	0.00E+00	0.00E+00	0.00E+00	5.94E-09		2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09
931	463053.1	3773134	5.98E-08	0.00E+00	0.00E+00	0.00E+00	5.98E-08		9.15E-09	0.00E+00	0.00E+00	0.00E+00	9.15E-09		3.92E-09	0.00E+00	0.00E+00	0.00E+00	3.92E-09
932	462999.8	3773099	2.60E-08	0.00E+00	0.00E+00	0.00E+00	2.60E-08		3.99E-09	0.00E+00	0.00E+00	0.00E+00	3.99E-09		1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09
933	462990.7	3773099	2.79E-08	0.00E+00	0.00E+00	0.00E+00	2.79E-08		4.27E-09	0.00E+00	0.00E+00	0.00E+00	4.27E-09		1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
934	462981.6	3773099	3.00E-08	0.00E+00	0.00E+00	0.00E+00	3.00E-08		4.59E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-09		1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09
935	462972.5	3773099	3.19E-08	0.00E+00	0.00E+00	0.00E+00	3.19E-08		4.89E-09	0.00E+00	0.00E+00	0.00E+00	4.89E-09		2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09
936	462963.4	3773099	3.36E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-08		5.14E-09	0.00E+00	0.00E+00	0.00E+00	5.14E-09		2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09
937	462954.3	3773099	3.48E-08	0.00E+00	0.00E+00	0.00E+00	3.48E-08		5.32E-09	0.00E+00	0.00E+00	0.00E+00	5.32E-09		2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09
938	462945.2	3773099	3.53E-08	0.00E+00	0.00E+00	0.00E+00	3.53E-08		5.41E-09	0.00E+00	0.00E+00	0.00E+00	5.41E-09		2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09
939	462936.1	3773099	3.52E-08	0.00E+00	0.00E+00	0.00E+00	3.52E-08		5.39E-09	0.00E+00	0.00E+00	0.00E+00	5.39E-09		2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09
940	462927	3773099	3.43E-08	0.00E+00	0.00E+00	0.00E+00	3.43E-08		5.25E-09	0.00E+00	0.00E+00	0.00E+00	5.25E-09		2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09
941	462917.9	3773099	3.27E-08	0.00E+00	0.00E+00	0.00E+00	3.27E-08		5.01E-09	0.00E+00	0.00E+00	0.00E+00	5.01E-09		2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09
942	463044.3	3773103	2.33E-08	0.00E+00	0.00E+00	0.00E+00	2.33E-08		3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09		1.53E-09	0.00E+00	0.00E+00	0.00E+00	1.53E-09
943	463054.3	3773113	2.96E-08	0.00E+00	0.00E+00	0.00E+00	2.96E-08		4.54E-09	0.00E+00	0.00E+00	0.00E+00	4.54E-09		1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09
944	463060.2	3773127	4.39E-08	0.00E+00	0.00E+00	0.00E+00	4.39E-08		6.73E-09	0.00E+00	0.00E+00	0.00E+00	6.73E-09		2.88E-09	0.00E+00	0.00E+00	0.00E+00	2.88E-09
945	462999.8	3773089	2.01E-08	0.00E+00	0.00E+00	0.00E+00	2.01E-08		3.08E-09	0.00E+00	0.00E+00	0.00E+00	3.08E-09		1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09
946	462990.7	3773089	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08		3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09		1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
947	462981.6	3773089	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08		3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09		1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
948	462972.5	3773089	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08		3.79E-09	0.00E+00	0.00E+00	0.00E+00	3.79E-09		1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09

949	462963.4	3773089	2.62E-08	0.00E+00	0.00E+00	0.00E+00	2.62E-08	4.01E-09	0.00E+00	0.00E+00	0.00E+00	4.01E-09	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09
950	462954.3	3773089	2.73E-08	0.00E+00	0.00E+00	0.00E+00	2.73E-08	4.18E-09	0.00E+00	0.00E+00	0.00E+00	4.18E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09
951	462945.2	3773089	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	4.29E-09	0.00E+00	0.00E+00	0.00E+00	4.29E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
952	462936.1	3773089	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	4.33E-09	0.00E+00	0.00E+00	0.00E+00	4.33E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
953	462927	3773089	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	4.28E-09	0.00E+00	0.00E+00	0.00E+00	4.28E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
954	462917.9	3773089	2.71E-08	0.00E+00	0.00E+00	0.00E+00	2.71E-08	4.15E-09	0.00E+00	0.00E+00	0.00E+00	4.15E-09	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09
955	463033.6	3773089	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
956	463050.1	3773096	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	2.85E-09	0.00E+00	0.00E+00	0.00E+00	2.85E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
957	463061.8	3773107	2.40E-08	0.00E+00	0.00E+00	0.00E+00	2.40E-08	3.67E-09	0.00E+00	0.00E+00	0.00E+00	3.67E-09	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09
958	463068.7	3773124	3.65E-08	0.00E+00	0.00E+00	0.00E+00	3.65E-08	5.59E-09	0.00E+00	0.00E+00	0.00E+00	5.59E-09	2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09
959	462999.7	3773079	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
960	462990.7	3773079	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	2.63E-09	0.00E+00	0.00E+00	0.00E+00	2.63E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
961	462981.6	3773079	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
962	462972.5	3773079	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
963	462963.4	3773079	2.09E-08	0.00E+00	0.00E+00	0.00E+00	2.09E-08	3.20E-09	0.00E+00	0.00E+00	0.00E+00	3.20E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09
964	462954.3	3773079	2.19E-08	0.00E+00	0.00E+00	0.00E+00	2.19E-08	3.35E-09	0.00E+00	0.00E+00	0.00E+00	3.35E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09
965	462945.2	3773079	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	3.47E-09	0.00E+00	0.00E+00	0.00E+00	3.47E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
966	462936.1	3773079	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.31E-08	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
967	462927	3773079	2.31E-08	0.00E+00	0.00E+00	0.00E+00	2.31E-08	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
968	462917.9	3773079	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	3.48E-09	0.00E+00	0.00E+00	0.00E+00	3.48E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
969	463033.1	3773079	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09	8.82E-10	0.00E+00	0.00E+00	0.00E+00	8.82E-10
970	463049.3	3773085	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09	9.60E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-10
971	463068.8	3773100	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08	2.94E-09	0.00E+00	0.00E+00	0.00E+00	2.94E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
972	463075.5	3773116	2.80E-08	0.00E+00	0.00E+00	0.00E+00	2.80E-08	4.29E-09	0.00E+00	0.00E+00	0.00E+00	4.29E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
973	463082.3	3773132	4.04E-08	0.00E+00	0.00E+00	0.00E+00	4.04E-08	6.18E-09	0.00E+00	0.00E+00	0.00E+00	6.18E-09	2.65E-09	0.00E+00	0.00E+00	0.00E+00	2.65E-09
974	462999.7	3773069	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09	8.62E-10	0.00E+00	0.00E+00	0.00E+00	8.62E-10
975	462990.6	3773069	1.40E-08	0.00E+00	0.00E+00	0.00E+00	1.40E-08	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09	9.19E-10	0.00E+00	0.00E+00	0.00E+00	9.19E-10
976	462981.5	3773069	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.50E-08	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09	9.83E-10	0.00E+00	0.00E+00	0.00E+00	9.83E-10
977	462972.4	3773069	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
978	462963.3	3773069	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.70E-08	2.60E-09	0.00E+00	0.00E+00	0.00E+00	2.60E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
979	462954.2	3773069	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
980	462945.1	3773069	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	2.85E-09	0.00E+00	0.00E+00	0.00E+00	2.85E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
981	462936	3773069	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	2.93E-09	0.00E+00	0.00E+00	0.00E+00	2.93E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
982	462926.9	3773069	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	2.96E-09	0.00E+00	0.00E+00	0.00E+00	2.96E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
983	462917.8	3773069	1.92E-08	0.00E+00	0.00E+00	0.00E+00	1.92E-08	2.94E-09	0.00E+00	0.00E+00	0.00E+00	2.94E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09
984	463048.6	3773075	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09	7.75E-10	0.00E+00	0.00E+00	0.00E+00	7.75E-10
985	463064.5	3773082	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09	8.41E-10	0.00E+00	0.00E+00	0.00E+00	8.41E-10
986	463075.8	3773093	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
987	463082.4	3773109	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	3.38E-09	0.00E+00	0.00E+00	0.00E+00	3.38E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09
988	463089.1	3773125	3.11E-08	0.00E+00	0.00E+00	0.00E+00	3.11E-08	4.76E-09	0.00E+00	0.00E+00	0.00E+00	4.76E-09	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09
989	463048.1	3773065	9.74E-09	0.00E+00	0.00E+00	0.00E+00	9.74E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09	6.39E-10	0.00E+00	0.00E+00	0.00E+00	6.39E-10
990	463063.8	3773071	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09	6.87E-10	0.00E+00	0.00E+00	0.00E+00	6.87E-10
991	463082.8	3773086	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09	8.56E-10	0.00E+00	0.00E+00	0.00E+00	8.56E-10
992	463089.4	3773101	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
993	463095.9	3773117	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
994	463102.5	3773133	3.30E-08	0.00E+00	0.00E+00	0.00E+00	3.30E-08	5.05E-09	0.00E+00	0.00E+00	0.00E+00	5.05E-09	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09
995	463047.3	3773045	6.95E-09	0.00E+00	0.00E+00	0.00E+00	6.95E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09	4.56E-10	0.00E+00	0.00E+00	0.00E+00	4.56E-10
996	463062.8	3773051	7.35E-09	0.00E+00	0.00E+00	0.00E+00	7.35E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09	4.82E-10	0.00E+00	0.00E+00	0.00E+00	4.82E-10
997	463078.2	3773057	7.82E-09	0.00E+00	0.00E+00	0.00E+00	7.82E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09	5.13E-10	0.00E+00	0.00E+00	0.00E+00	5.13E-10
998	463096.9	3773071	9.41E-09	0.00E+00	0.00E+00	0.00E+00	9.41E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09	6.18E-10	0.00E+00	0.00E+00	0.00E+00	6.18E-10
999	463103.3	3773087	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09	8.04E-10	0.00E+00	0.00E+00	0.00E+00	8.04E-10
1000	463109.7	3773102	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.62E-08	2.47E-09	0.00E+00	0.00E+00	0.00E+00	2.47E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09
1001	463116.2	3773118	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
1002	463122.6	3773133	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08	4.16E-09	0.00E+00	0.00E+00	0.00E+00	4.16E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09
1003	463050	3773026	5.26E-09	0.00E+00	0.00E+00	0.00E+00	5.26E-09	8.05E-10	0.00E+00	0.00E+00	0.00E+00	8.05E-10	3.45E-10	0.00E+00	0.00E+00	0.00E+00	3.45E-10
1004	463066.5	3773032	5.52E-09	0.00E+00	0.00E+00	0.00E+00	5.52E-09	8.46E-10	0.00E+00	0.00E+00	0.00E+00	8.46E-10	3.63E-10	0.00E+00	0.00E+00	0.00E+00	3.63E-10

1005	463083	3773039	5.84E-09	0.00E+00	0.00E+00	0.00E+00	5.84E-09	8.94E-10	0.00E+00	0.00E+00	0.00E+00	8.94E-10	3.83E-10	0.00E+00	0.00E+00	0.00E+00	3.83E-10
1006	463099.5	3773046	6.19E-09	0.00E+00	0.00E+00	0.00E+00	6.19E-09	9.47E-10	0.00E+00	0.00E+00	0.00E+00	9.47E-10	4.06E-10	0.00E+00	0.00E+00	0.00E+00	4.06E-10
1007	463111.2	3773058	7.15E-09	0.00E+00	0.00E+00	0.00E+00	7.15E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09	4.69E-10	0.00E+00	0.00E+00	0.00E+00	4.69E-10
1008	463118.1	3773074	9.16E-09	0.00E+00	0.00E+00	0.00E+00	9.16E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09	6.01E-10	0.00E+00	0.00E+00	0.00E+00	6.01E-10
1009	463125	3773091	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09	7.82E-10	0.00E+00	0.00E+00	0.00E+00	7.82E-10
1010	463131.8	3773107	1.55E-08	0.00E+00	0.00E+00	0.00E+00	1.55E-08	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
1011	463138.7	3773124	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.05E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09
1012	463049.1	3773005	4.08E-09	0.00E+00	0.00E+00	0.00E+00	4.08E-09	6.24E-10	0.00E+00	0.00E+00	0.00E+00	6.24E-10	2.67E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-10
1013	463065.3	3773012	4.24E-09	0.00E+00	0.00E+00	0.00E+00	4.24E-09	6.49E-10	0.00E+00	0.00E+00	0.00E+00	6.49E-10	2.78E-10	0.00E+00	0.00E+00	0.00E+00	2.78E-10
1014	463081.5	3773019	4.44E-09	0.00E+00	0.00E+00	0.00E+00	4.44E-09	6.79E-10	0.00E+00	0.00E+00	0.00E+00	6.79E-10	2.91E-10	0.00E+00	0.00E+00	0.00E+00	2.91E-10
1015	463097.6	3773025	4.66E-09	0.00E+00	0.00E+00	0.00E+00	4.66E-09	7.13E-10	0.00E+00	0.00E+00	0.00E+00	7.13E-10	3.06E-10	0.00E+00	0.00E+00	0.00E+00	3.06E-10
1016	463113.8	3773032	4.89E-09	0.00E+00	0.00E+00	0.00E+00	4.89E-09	7.49E-10	0.00E+00	0.00E+00	0.00E+00	7.49E-10	3.21E-10	0.00E+00	0.00E+00	0.00E+00	3.21E-10
1017	463125.3	3773043	5.55E-09	0.00E+00	0.00E+00	0.00E+00	5.55E-09	8.49E-10	0.00E+00	0.00E+00	0.00E+00	8.49E-10	3.64E-10	0.00E+00	0.00E+00	0.00E+00	3.64E-10
1018	463132	3773060	6.88E-09	0.00E+00	0.00E+00	0.00E+00	6.88E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09	4.51E-10	0.00E+00	0.00E+00	0.00E+00	4.51E-10
1019	463138.7	3773076	8.64E-09	0.00E+00	0.00E+00	0.00E+00	8.64E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09	5.67E-10	0.00E+00	0.00E+00	0.00E+00	5.67E-10
1020	463145.4	3773092	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09	7.18E-10	0.00E+00	0.00E+00	0.00E+00	7.18E-10
1021	463152.2	3773108	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09	9.05E-10	0.00E+00	0.00E+00	0.00E+00	9.05E-10
1022	463158.9	3773124	1.71E-08	0.00E+00	0.00E+00	0.00E+00	1.71E-08	2.62E-09	0.00E+00	0.00E+00	0.00E+00	2.62E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09
1023	463048.4	3772985	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09	4.98E-10	0.00E+00	0.00E+00	0.00E+00	4.98E-10	2.13E-10	0.00E+00	0.00E+00	0.00E+00	2.13E-10
1024	463064.4	3772992	3.35E-09	0.00E+00	0.00E+00	0.00E+00	3.35E-09	5.13E-10	0.00E+00	0.00E+00	0.00E+00	5.13E-10	2.20E-10	0.00E+00	0.00E+00	0.00E+00	2.20E-10
1025	463080.3	3772998	3.48E-09	0.00E+00	0.00E+00	0.00E+00	3.48E-09	5.33E-10	0.00E+00	0.00E+00	0.00E+00	5.33E-10	2.28E-10	0.00E+00	0.00E+00	0.00E+00	2.28E-10
1026	463096.2	3773005	3.63E-09	0.00E+00	0.00E+00	0.00E+00	3.63E-09	5.56E-10	0.00E+00	0.00E+00	0.00E+00	5.56E-10	2.38E-10	0.00E+00	0.00E+00	0.00E+00	2.38E-10
1027	463112.1	3773011	3.79E-09	0.00E+00	0.00E+00	0.00E+00	3.79E-09	5.81E-10	0.00E+00	0.00E+00	0.00E+00	5.81E-10	2.49E-10	0.00E+00	0.00E+00	0.00E+00	2.49E-10
1028	463128.1	3773018	3.96E-09	0.00E+00	0.00E+00	0.00E+00	3.96E-09	6.06E-10	0.00E+00	0.00E+00	0.00E+00	6.06E-10	2.60E-10	0.00E+00	0.00E+00	0.00E+00	2.60E-10
1029	463139.3	3773029	4.42E-09	0.00E+00	0.00E+00	0.00E+00	4.42E-09	6.77E-10	0.00E+00	0.00E+00	0.00E+00	6.77E-10	2.90E-10	0.00E+00	0.00E+00	0.00E+00	2.90E-10
1030	463145.9	3773045	5.34E-09	0.00E+00	0.00E+00	0.00E+00	5.34E-09	8.17E-10	0.00E+00	0.00E+00	0.00E+00	8.17E-10	3.50E-10	0.00E+00	0.00E+00	0.00E+00	3.50E-10
1031	463152.6	3773061	6.53E-09	0.00E+00	0.00E+00	0.00E+00	6.53E-09	9.99E-10	0.00E+00	0.00E+00	0.00E+00	9.99E-10	4.28E-10	0.00E+00	0.00E+00	0.00E+00	4.28E-10
1032	463159.2	3773077	8.05E-09	0.00E+00	0.00E+00	0.00E+00	8.05E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09	5.28E-10	0.00E+00	0.00E+00	0.00E+00	5.28E-10
1033	463165.8	3773093	9.95E-09	0.00E+00	0.00E+00	0.00E+00	9.95E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09	6.53E-10	0.00E+00	0.00E+00	0.00E+00	6.53E-10
1034	463172.4	3773109	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09	8.01E-10	0.00E+00	0.00E+00	0.00E+00	8.01E-10
1035	463179.1	3773124	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09	9.69E-10	0.00E+00	0.00E+00	0.00E+00	9.69E-10
1036	463050.2	3772966	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09	4.07E-10	0.00E+00	0.00E+00	0.00E+00	4.07E-10	1.75E-10	0.00E+00	0.00E+00	0.00E+00	1.75E-10
1037	463058.5	3772969	2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09	4.12E-10	0.00E+00	0.00E+00	0.00E+00	4.12E-10	1.77E-10	0.00E+00	0.00E+00	0.00E+00	1.77E-10
1038	463066.9	3772973	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09	4.18E-10	0.00E+00	0.00E+00	0.00E+00	4.18E-10	1.79E-10	0.00E+00	0.00E+00	0.00E+00	1.79E-10
1039	463083.5	3772980	2.83E-09	0.00E+00	0.00E+00	0.00E+00	2.83E-09	4.33E-10	0.00E+00	0.00E+00	0.00E+00	4.33E-10	1.86E-10	0.00E+00	0.00E+00	0.00E+00	1.86E-10
1040	463091.8	3772983	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09	4.42E-10	0.00E+00	0.00E+00	0.00E+00	4.42E-10	1.89E-10	0.00E+00	0.00E+00	0.00E+00	1.89E-10
1041	463108.5	3772990	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09	4.60E-10	0.00E+00	0.00E+00	0.00E+00	4.60E-10	1.97E-10	0.00E+00	0.00E+00	0.00E+00	1.97E-10
1042	463116.8	3772993	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09	4.70E-10	0.00E+00	0.00E+00	0.00E+00	4.70E-10	2.01E-10	0.00E+00	0.00E+00	0.00E+00	2.01E-10
1043	463125.1	3772997	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09	4.79E-10	0.00E+00	0.00E+00	0.00E+00	4.79E-10	2.05E-10	0.00E+00	0.00E+00	0.00E+00	2.05E-10
1044	463141.8	3773004	3.26E-09	0.00E+00	0.00E+00	0.00E+00	3.26E-09	4.99E-10	0.00E+00	0.00E+00	0.00E+00	4.99E-10	2.14E-10	0.00E+00	0.00E+00	0.00E+00	2.14E-10
1045	463153.6	3773015	3.62E-09	0.00E+00	0.00E+00	0.00E+00	3.62E-09	5.54E-10	0.00E+00	0.00E+00	0.00E+00	5.54E-10	2.37E-10	0.00E+00	0.00E+00	0.00E+00	2.37E-10
1046	463160.5	3773032	4.32E-09	0.00E+00	0.00E+00	0.00E+00	4.32E-09	6.62E-10	0.00E+00	0.00E+00	0.00E+00	6.62E-10	2.84E-10	0.00E+00	0.00E+00	0.00E+00	2.84E-10
1047	463167.4	3773049	5.23E-09	0.00E+00	0.00E+00	0.00E+00	5.23E-09	8.01E-10	0.00E+00	0.00E+00	0.00E+00	8.01E-10	3.43E-10	0.00E+00	0.00E+00	0.00E+00	3.43E-10
1048	463174.4	3773065	6.39E-09	0.00E+00	0.00E+00	0.00E+00	6.39E-09	9.78E-10	0.00E+00	0.00E+00	0.00E+00	9.78E-10	4.19E-10	0.00E+00	0.00E+00	0.00E+00	4.19E-10
1049	463177.8	3773073	7.07E-09	0.00E+00	0.00E+00	0.00E+00	7.07E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09	4.64E-10	0.00E+00	0.00E+00	0.00E+00	4.64E-10
1050	463184.8	3773090	8.67E-09	0.00E+00	0.00E+00	0.00E+00	8.67E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.69E-10	0.00E+00	0.00E+00	0.00E+00	5.69E-10
1051	463191.7	3773107	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09	6.92E-10	0.00E+00	0.00E+00	0.00E+00	6.92E-10
1052	463198.6	3773123	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09	8.29E-10	0.00E+00	0.00E+00	0.00E+00	8.29E-10
1053	463049.5	3772946	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09	3.38E-10	0.00E+00	0.00E+00	0.00E+00	3.38E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	1.45E-10
1054	463065.9	3772952	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09	3.45E-10	0.00E+00	0.00E+00	0.00E+00	3.45E-10	1.48E-10	0.00E+00	0.00E+00	0.00E+00	1.48E-10
1055	463082.3	3772959	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09	3.56E-10	0.00E+00	0.00E+00	0.00E+00	3.56E-10	1.52E-10	0.00E+00	0.00E+00	0.00E+00	1.52E-10
1056	463098.7	3772966	2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09	3.68E-10	0.00E+00	0.00E+00	0.00E+00	3.68E-10	1.58E-10	0.00E+00	0.00E+00	0.00E+00	1.58E-10
1057	463115.1	3772973	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09	3.82E-10	0.00E+00	0.00E+00	0.00E+00	3.82E-10	1.64E-10	0.00E+00	0.00E+00	0.00E+00	1.64E-10
1058	463131.5	3772979	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09	3.96E-10	0.00E+00	0.00E+00	0.00E+00	3.96E-10	1.70E-10	0.00E+00	0.00E+00	0.00E+00	1.70E-10
1059	463147.8	3772986	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09	4.10E-10	0.00E+00	0.00E+00	0.00E+00	4.10E-10	1.76E-10	0.00E+00	0.00E+00	0.00E+00	1.76E-10
1060	463167.6	3773001	2.99E-09	0.00E+00	0.00E+00	0.00E+00	2.99E-09	4.58E-10	0.00E+00	0.00E+00	0.00E+00	4.58E-10	1.97E-10	0.00E+00	0.00E+00	0.00E+00	1.97E-10

1061	463174.5	3773017	3.51E-09	0.00E+00	0.00E+00	0.00E+00	3.51E-09	5.38E-10	0.00E+00	0.00E+00	0.00E+00	5.38E-10	2.31E-10	0.00E+00	0.00E+00	0.00E+00	2.31E-10
1062	463181.3	3773034	4.16E-09	0.00E+00	0.00E+00	0.00E+00	4.16E-09	6.37E-10	0.00E+00	0.00E+00	0.00E+00	6.37E-10	2.73E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-10
1063	463188.1	3773050	4.98E-09	0.00E+00	0.00E+00	0.00E+00	4.98E-09	7.62E-10	0.00E+00	0.00E+00	0.00E+00	7.62E-10	3.27E-10	0.00E+00	0.00E+00	0.00E+00	3.27E-10
1064	463194.9	3773066	5.99E-09	0.00E+00	0.00E+00	0.00E+00	5.99E-09	9.17E-10	0.00E+00	0.00E+00	0.00E+00	9.17E-10	3.93E-10	0.00E+00	0.00E+00	0.00E+00	3.93E-10
1065	463201.7	3773083	7.21E-09	0.00E+00	0.00E+00	0.00E+00	7.21E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09	4.73E-10	0.00E+00	0.00E+00	0.00E+00	4.73E-10
1066	463208.5	3773099	8.64E-09	0.00E+00	0.00E+00	0.00E+00	8.64E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09	5.67E-10	0.00E+00	0.00E+00	0.00E+00	5.67E-10
1067	463215.4	3773115	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09	6.72E-10	0.00E+00	0.00E+00	0.00E+00	6.72E-10
1068	463222.2	3773132	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09	7.83E-10	0.00E+00	0.00E+00	0.00E+00	7.83E-10
1069	463048.9	3772925	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	2.85E-10	0.00E+00	0.00E+00	0.00E+00	2.85E-10	1.22E-10	0.00E+00	0.00E+00	0.00E+00	1.22E-10
1070	463065.1	3772932	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09	2.90E-10	0.00E+00	0.00E+00	0.00E+00	2.90E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	1.24E-10
1071	463081.3	3772939	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	2.97E-10	0.00E+00	0.00E+00	0.00E+00	2.97E-10	1.27E-10	0.00E+00	0.00E+00	0.00E+00	1.27E-10
1072	463097.5	3772945	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09	3.06E-10	0.00E+00	0.00E+00	0.00E+00	3.06E-10	1.31E-10	0.00E+00	0.00E+00	0.00E+00	1.31E-10
1073	463113.6	3772952	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09	3.16E-10	0.00E+00	0.00E+00	0.00E+00	3.16E-10	1.36E-10	0.00E+00	0.00E+00	0.00E+00	1.36E-10
1074	463129.8	3772959	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09	3.27E-10	0.00E+00	0.00E+00	0.00E+00	3.27E-10	1.40E-10	0.00E+00	0.00E+00	0.00E+00	1.40E-10
1075	463146	3772965	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09	3.38E-10	0.00E+00	0.00E+00	0.00E+00	3.38E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	1.45E-10
1076	463162.2	3772972	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09	3.49E-10	0.00E+00	0.00E+00	0.00E+00	3.49E-10	1.49E-10	0.00E+00	0.00E+00	0.00E+00	1.49E-10
1077	463181.7	3772987	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09	3.85E-10	0.00E+00	0.00E+00	0.00E+00	3.85E-10	1.65E-10	0.00E+00	0.00E+00	0.00E+00	1.65E-10
1078	463188.4	3773003	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09	4.45E-10	0.00E+00	0.00E+00	0.00E+00	4.45E-10	1.91E-10	0.00E+00	0.00E+00	0.00E+00	1.91E-10
1079	463195.2	3773019	3.39E-09	0.00E+00	0.00E+00	0.00E+00	3.39E-09	5.19E-10	0.00E+00	0.00E+00	0.00E+00	5.19E-10	2.22E-10	0.00E+00	0.00E+00	0.00E+00	2.22E-10
1080	463201.9	3773035	3.98E-09	0.00E+00	0.00E+00	0.00E+00	3.98E-09	6.09E-10	0.00E+00	0.00E+00	0.00E+00	6.09E-10	2.61E-10	0.00E+00	0.00E+00	0.00E+00	2.61E-10
1081	463208.6	3773051	4.71E-09	0.00E+00	0.00E+00	0.00E+00	4.71E-09	7.20E-10	0.00E+00	0.00E+00	0.00E+00	7.20E-10	3.09E-10	0.00E+00	0.00E+00	0.00E+00	3.09E-10
1082	463215.4	3773067	5.58E-09	0.00E+00	0.00E+00	0.00E+00	5.58E-09	8.54E-10	0.00E+00	0.00E+00	0.00E+00	8.54E-10	3.66E-10	0.00E+00	0.00E+00	0.00E+00	3.66E-10
1083	463222.1	3773084	6.61E-09	0.00E+00	0.00E+00	0.00E+00	6.61E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09	4.34E-10	0.00E+00	0.00E+00	0.00E+00	4.34E-10
1084	463228.8	3773100	7.79E-09	0.00E+00	0.00E+00	0.00E+00	7.79E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09	5.11E-10	0.00E+00	0.00E+00	0.00E+00	5.11E-10
1085	463235.5	3773116	9.09E-09	0.00E+00	0.00E+00	0.00E+00	9.09E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09	5.96E-10	0.00E+00	0.00E+00	0.00E+00	5.96E-10
1086	463242.3	3773132	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.60E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-09	6.85E-10	0.00E+00	0.00E+00	0.00E+00	6.85E-10
1087	463075.4	3772916	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09	2.50E-10	0.00E+00	0.00E+00	0.00E+00	2.50E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	1.07E-10
1088	463083.7	3772920	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	2.53E-10	0.00E+00	0.00E+00	0.00E+00	2.53E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-10
1089	463100.5	3772927	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09	2.60E-10	0.00E+00	0.00E+00	0.00E+00	2.60E-10	1.12E-10	0.00E+00	0.00E+00	0.00E+00	1.12E-10
1090	463108.8	3772930	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09	2.64E-10	0.00E+00	0.00E+00	0.00E+00	2.64E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-10
1091	463117.2	3772933	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09	2.68E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-10
1092	463133.9	3772940	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09	2.77E-10	0.00E+00	0.00E+00	0.00E+00	2.77E-10	1.19E-10	0.00E+00	0.00E+00	0.00E+00	1.19E-10
1093	463142.3	3772944	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09	2.82E-10	0.00E+00	0.00E+00	0.00E+00	2.82E-10	1.21E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-10
1094	463150.6	3772947	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09	2.86E-10	0.00E+00	0.00E+00	0.00E+00	2.86E-10	1.23E-10	0.00E+00	0.00E+00	0.00E+00	1.23E-10
1095	463159	3772951	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	2.91E-10	0.00E+00	0.00E+00	0.00E+00	2.91E-10	1.25E-10	0.00E+00	0.00E+00	0.00E+00	1.25E-10
1096	463175.7	3772958	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09	2.99E-10	0.00E+00	0.00E+00	0.00E+00	2.99E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	1.28E-10
1097	463184.1	3772961	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09	3.04E-10	0.00E+00	0.00E+00	0.00E+00	3.04E-10	1.30E-10	0.00E+00	0.00E+00	0.00E+00	1.30E-10
1098	463195.9	3772973	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09	3.29E-10	0.00E+00	0.00E+00	0.00E+00	3.29E-10	1.41E-10	0.00E+00	0.00E+00	0.00E+00	1.41E-10
1099	463199.4	3772981	2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09	3.52E-10	0.00E+00	0.00E+00	0.00E+00	3.52E-10	1.51E-10	0.00E+00	0.00E+00	0.00E+00	1.51E-10
1100	463206.4	3772998	2.65E-09	0.00E+00	0.00E+00	0.00E+00	2.65E-09	4.06E-10	0.00E+00	0.00E+00	0.00E+00	4.06E-10	1.74E-10	0.00E+00	0.00E+00	0.00E+00	1.74E-10
1101	463209.9	3773006	2.86E-09	0.00E+00	0.00E+00	0.00E+00	2.86E-09	4.37E-10	0.00E+00	0.00E+00	0.00E+00	4.37E-10	1.87E-10	0.00E+00	0.00E+00	0.00E+00	1.87E-10
1102	463216.8	3773023	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09	5.10E-10	0.00E+00	0.00E+00	0.00E+00	5.10E-10	2.18E-10	0.00E+00	0.00E+00	0.00E+00	2.18E-10
1103	463223.8	3773040	3.91E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-09	5.98E-10	0.00E+00	0.00E+00	0.00E+00	5.98E-10	2.56E-10	0.00E+00	0.00E+00	0.00E+00	2.56E-10
1104	463227.3	3773048	4.24E-09	0.00E+00	0.00E+00	0.00E+00	4.24E-09	6.49E-10	0.00E+00	0.00E+00	0.00E+00	6.49E-10	2.78E-10	0.00E+00	0.00E+00	0.00E+00	2.78E-10
1105	463234.2	3773065	5.00E-09	0.00E+00	0.00E+00	0.00E+00	5.00E-09	7.66E-10	0.00E+00	0.00E+00	0.00E+00	7.66E-10	3.28E-10	0.00E+00	0.00E+00	0.00E+00	3.28E-10
1106	463241.2	3773081	5.89E-09	0.00E+00	0.00E+00	0.00E+00	5.89E-09	9.02E-10	0.00E+00	0.00E+00	0.00E+00	9.02E-10	3.86E-10	0.00E+00	0.00E+00	0.00E+00	3.86E-10
1107	463244.6	3773090	6.38E-09	0.00E+00	0.00E+00	0.00E+00	6.38E-09	9.76E-10	0.00E+00	0.00E+00	0.00E+00	9.76E-10	4.19E-10	0.00E+00	0.00E+00	0.00E+00	4.19E-10
1108	463251.6	3773106	7.44E-09	0.00E+00	0.00E+00	0.00E+00	7.44E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09	4.88E-10	0.00E+00	0.00E+00	0.00E+00	4.88E-10
1109	463258.6	3773123	8.57E-09	0.00E+00	0.00E+00	0.00E+00	8.57E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09	5.62E-10	0.00E+00	0.00E+00	0.00E+00	5.62E-10
1110	463262	3773131	9.14E-09	0.00E+00	0.00E+00	0.00E+00	9.14E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09	6.00E-10	0.00E+00	0.00E+00	0.00E+00	6.00E-10
1111	463115.8	3772913	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09	2.29E-10	0.00E+00	0.00E+00	0.00E+00	2.29E-10	9.81E-11	0.00E+00	0.00E+00	0.00E+00	9.81E-11
1112	463132.3	3772920	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09	2.35E-10	0.00E+00	0.00E+00	0.00E+00	2.35E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	1.01E-10
1113	463148.8	3772926	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09	2.42E-10	0.00E+00	0.00E+00	0.00E+00	2.42E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	1.04E-10
1114	463165.3	3772933	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09	2.50E-10	0.00E+00	0.00E+00	0.00E+00	2.50E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	1.07E-10
1115	463181.8	3772940	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	2.57E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
1116	463198.3	3772947	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09	2.63E-10	0.00E+00	0.00E+00	0.00E+00	2.63E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-10

1117	463210	3772959	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09	2.83E-10	0.00E+00	0.00E+00	0.00E+00	2.83E-10	1.21E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-10
1118	463216.9	3772975	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09	3.21E-10	0.00E+00	0.00E+00	0.00E+00	3.21E-10	1.38E-10	0.00E+00	0.00E+00	0.00E+00	1.38E-10
1119	463223.7	3772991	2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09	3.67E-10	0.00E+00	0.00E+00	0.00E+00	3.67E-10	1.57E-10	0.00E+00	0.00E+00	0.00E+00	1.57E-10
1120	463230.6	3773008	2.76E-09	0.00E+00	0.00E+00	0.00E+00	2.76E-09	4.22E-10	0.00E+00	0.00E+00	0.00E+00	4.22E-10	1.81E-10	0.00E+00	0.00E+00	0.00E+00	1.81E-10
1121	463237.5	3773024	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.19E-09	4.88E-10	0.00E+00	0.00E+00	0.00E+00	4.88E-10	2.09E-10	0.00E+00	0.00E+00	0.00E+00	2.09E-10
1122	463244.4	3773041	3.71E-09	0.00E+00	0.00E+00	0.00E+00	3.71E-09	5.67E-10	0.00E+00	0.00E+00	0.00E+00	5.67E-10	2.43E-10	0.00E+00	0.00E+00	0.00E+00	2.43E-10
1123	463251.2	3773057	4.32E-09	0.00E+00	0.00E+00	0.00E+00	4.32E-09	6.61E-10	0.00E+00	0.00E+00	0.00E+00	6.61E-10	2.83E-10	0.00E+00	0.00E+00	0.00E+00	2.83E-10
1124	463258.1	3773074	5.03E-09	0.00E+00	0.00E+00	0.00E+00	5.03E-09	7.70E-10	0.00E+00	0.00E+00	0.00E+00	7.70E-10	3.30E-10	0.00E+00	0.00E+00	0.00E+00	3.30E-10
1125	463265	3773090	5.83E-09	0.00E+00	0.00E+00	0.00E+00	5.83E-09	8.92E-10	0.00E+00	0.00E+00	0.00E+00	8.92E-10	3.83E-10	0.00E+00	0.00E+00	0.00E+00	3.83E-10
1126	463271.8	3773107	6.71E-09	0.00E+00	0.00E+00	0.00E+00	6.71E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09	4.40E-10	0.00E+00	0.00E+00	0.00E+00	4.40E-10
1127	463278.7	3773123	7.64E-09	0.00E+00	0.00E+00	0.00E+00	7.64E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09	5.01E-10	0.00E+00	0.00E+00	0.00E+00	5.01E-10
1128	463179.9	3772919	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09	2.19E-10	0.00E+00	0.00E+00	0.00E+00	2.19E-10	9.41E-11	0.00E+00	0.00E+00	0.00E+00	9.41E-11
1129	463196.2	3772926	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09	2.25E-10	0.00E+00	0.00E+00	0.00E+00	2.25E-10	9.64E-11	0.00E+00	0.00E+00	0.00E+00	9.64E-11
1130	463212.5	3772933	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09	2.30E-10	0.00E+00	0.00E+00	0.00E+00	2.30E-10	9.87E-11	0.00E+00	0.00E+00	0.00E+00	9.87E-11
1131	463224.1	3772944	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09	2.46E-10	0.00E+00	0.00E+00	0.00E+00	2.46E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	1.06E-10
1132	463230.9	3772961	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09	2.77E-10	0.00E+00	0.00E+00	0.00E+00	2.77E-10	1.19E-10	0.00E+00	0.00E+00	0.00E+00	1.19E-10
1133	463237.7	3772977	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09	3.13E-10	0.00E+00	0.00E+00	0.00E+00	3.13E-10	1.34E-10	0.00E+00	0.00E+00	0.00E+00	1.34E-10
1134	463244.5	3772993	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09	3.55E-10	0.00E+00	0.00E+00	0.00E+00	3.55E-10	1.52E-10	0.00E+00	0.00E+00	0.00E+00	1.52E-10
1135	463251.3	3773009	2.65E-09	0.00E+00	0.00E+00	0.00E+00	2.65E-09	4.06E-10	0.00E+00	0.00E+00	0.00E+00	4.06E-10	1.74E-10	0.00E+00	0.00E+00	0.00E+00	1.74E-10
1136	463258.1	3773026	3.04E-09	0.00E+00	0.00E+00	0.00E+00	3.04E-09	4.66E-10	0.00E+00	0.00E+00	0.00E+00	4.66E-10	2.00E-10	0.00E+00	0.00E+00	0.00E+00	2.00E-10
1137	463264.8	3773042	3.50E-09	0.00E+00	0.00E+00	0.00E+00	3.50E-09	5.36E-10	0.00E+00	0.00E+00	0.00E+00	5.36E-10	2.30E-10	0.00E+00	0.00E+00	0.00E+00	2.30E-10
1138	463271.6	3773058	4.04E-09	0.00E+00	0.00E+00	0.00E+00	4.04E-09	6.19E-10	0.00E+00	0.00E+00	0.00E+00	6.19E-10	2.65E-10	0.00E+00	0.00E+00	0.00E+00	2.65E-10
1139	463278.4	3773075	4.65E-09	0.00E+00	0.00E+00	0.00E+00	4.65E-09	7.12E-10	0.00E+00	0.00E+00	0.00E+00	7.12E-10	3.05E-10	0.00E+00	0.00E+00	0.00E+00	3.05E-10
1140	463285.2	3773091	5.33E-09	0.00E+00	0.00E+00	0.00E+00	5.33E-09	8.16E-10	0.00E+00	0.00E+00	0.00E+00	8.16E-10	3.50E-10	0.00E+00	0.00E+00	0.00E+00	3.50E-10
1141	463292	3773107	6.07E-09	0.00E+00	0.00E+00	0.00E+00	6.07E-09	9.29E-10	0.00E+00	0.00E+00	0.00E+00	9.29E-10	3.98E-10	0.00E+00	0.00E+00	0.00E+00	3.98E-10
1142	463298.8	3773124	6.84E-09	0.00E+00	0.00E+00	0.00E+00	6.84E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09	4.49E-10	0.00E+00	0.00E+00	0.00E+00	4.49E-10
1143	463041.7	3772832	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09	1.53E-10	0.00E+00	0.00E+00	0.00E+00	1.53E-10	6.57E-11	0.00E+00	0.00E+00	0.00E+00	6.57E-11
1144	463058.4	3772839	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09	1.53E-10	0.00E+00	0.00E+00	0.00E+00	1.53E-10	6.58E-11	0.00E+00	0.00E+00	0.00E+00	6.58E-11
1145	463066.7	3772843	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09	1.54E-10	0.00E+00	0.00E+00	0.00E+00	1.54E-10	6.60E-11	0.00E+00	0.00E+00	0.00E+00	6.60E-11
1146	463075	3772846	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09	1.55E-10	0.00E+00	0.00E+00	0.00E+00	1.55E-10	6.63E-11	0.00E+00	0.00E+00	0.00E+00	6.63E-11
1147	463091.7	3772853	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09	1.57E-10	0.00E+00	0.00E+00	0.00E+00	1.57E-10	6.73E-11	0.00E+00	0.00E+00	0.00E+00	6.73E-11
1148	463100.1	3772856	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09	1.59E-10	0.00E+00	0.00E+00	0.00E+00	1.59E-10	6.80E-11	0.00E+00	0.00E+00	0.00E+00	6.80E-11
1149	463245.3	3772923	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	2.03E-10	0.00E+00	0.00E+00	0.00E+00	2.03E-10	8.72E-11	0.00E+00	0.00E+00	0.00E+00	8.72E-11
1150	463252.3	3772940	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09	2.26E-10	0.00E+00	0.00E+00	0.00E+00	2.26E-10	9.71E-11	0.00E+00	0.00E+00	0.00E+00	9.71E-11
1151	463255.7	3772948	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09	2.39E-10	0.00E+00	0.00E+00	0.00E+00	2.39E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	1.03E-10
1152	463262.7	3772965	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09	2.68E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-10
1153	463269.6	3772981	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09	3.03E-10	0.00E+00	0.00E+00	0.00E+00	3.03E-10	1.30E-10	0.00E+00	0.00E+00	0.00E+00	1.30E-10
1154	463276.6	3772998	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09	3.43E-10	0.00E+00	0.00E+00	0.00E+00	3.43E-10	1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10
1155	463280	3773006	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09	3.66E-10	0.00E+00	0.00E+00	0.00E+00	3.66E-10	1.57E-10	0.00E+00	0.00E+00	0.00E+00	1.57E-10
1156	463287	3773023	2.72E-09	0.00E+00	0.00E+00	0.00E+00	2.72E-09	4.17E-10	0.00E+00	0.00E+00	0.00E+00	4.17E-10	1.79E-10	0.00E+00	0.00E+00	0.00E+00	1.79E-10
1157	463290.4	3773031	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09	4.45E-10	0.00E+00	0.00E+00	0.00E+00	4.45E-10	1.91E-10	0.00E+00	0.00E+00	0.00E+00	1.91E-10
1158	463297.4	3773048	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09	5.09E-10	0.00E+00	0.00E+00	0.00E+00	5.09E-10	2.18E-10	0.00E+00	0.00E+00	0.00E+00	2.18E-10
1159	463300.8	3773056	3.56E-09	0.00E+00	0.00E+00	0.00E+00	3.56E-09	5.45E-10	0.00E+00	0.00E+00	0.00E+00	5.45E-10	2.34E-10	0.00E+00	0.00E+00	0.00E+00	2.34E-10
1160	463307.8	3773073	4.06E-09	0.00E+00	0.00E+00	0.00E+00	4.06E-09	6.21E-10	0.00E+00	0.00E+00	0.00E+00	6.21E-10	2.66E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-10
1161	463314.7	3773090	4.61E-09	0.00E+00	0.00E+00	0.00E+00	4.61E-09	7.06E-10	0.00E+00	0.00E+00	0.00E+00	7.06E-10	3.02E-10	0.00E+00	0.00E+00	0.00E+00	3.02E-10
1162	463321.6	3773106	5.20E-09	0.00E+00	0.00E+00	0.00E+00	5.20E-09	7.96E-10	0.00E+00	0.00E+00	0.00E+00	7.96E-10	3.41E-10	0.00E+00	0.00E+00	0.00E+00	3.41E-10
1163	463325.1	3773115	5.51E-09	0.00E+00	0.00E+00	0.00E+00	5.51E-09	8.43E-10	0.00E+00	0.00E+00	0.00E+00	8.43E-10	3.61E-10	0.00E+00	0.00E+00	0.00E+00	3.61E-10
1164	463332.1	3773131	6.12E-09	0.00E+00	0.00E+00	0.00E+00	6.12E-09	9.37E-10	0.00E+00	0.00E+00	0.00E+00	9.37E-10	4.02E-10	0.00E+00	0.00E+00	0.00E+00	4.02E-10
1165	463049.3	3772806	8.44E-10	0.00E+00	0.00E+00	0.00E+00	8.44E-10	1.29E-10	0.00E+00	0.00E+00	0.00E+00	1.29E-10	5.54E-11	0.00E+00	0.00E+00	0.00E+00	5.54E-11
1166	463065.8	3772812	8.46E-10	0.00E+00	0.00E+00	0.00E+00	8.46E-10	1.30E-10	0.00E+00	0.00E+00	0.00E+00	1.30E-10	5.55E-11	0.00E+00	0.00E+00	0.00E+00	5.55E-11
1167	463082.2	3772819	8.54E-10	0.00E+00	0.00E+00	0.00E+00	8.54E-10	1.31E-10	0.00E+00	0.00E+00	0.00E+00	1.31E-10	5.60E-11	0.00E+00	0.00E+00	0.00E+00	5.60E-11
1168	463098.7	3772826	8.66E-10	0.00E+00	0.00E+00	0.00E+00	8.66E-10	1.32E-10	0.00E+00	0.00E+00	0.00E+00	1.32E-10	5.68E-11	0.00E+00	0.00E+00	0.00E+00	5.68E-11
1169	463115.1	3772833	8.81E-10	0.00E+00	0.00E+00	0.00E+00	8.81E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	1.35E-10	5.78E-11	0.00E+00	0.00E+00	0.00E+00	5.78E-11
1170	463131.5	3772839	8.99E-10	0.00E+00	0.00E+00	0.00E+00	8.99E-10	1.38E-10	0.00E+00	0.00E+00	0.00E+00	1.38E-10	5.90E-11	0.00E+00	0.00E+00	0.00E+00	5.90E-11
1171	463148	3772846	9.19E-10	0.00E+00	0.00E+00	0.00E+00	9.19E-10	1.41E-10	0.00E+00	0.00E+00	0.00E+00	1.41E-10	6.03E-11	0.00E+00	0.00E+00	0.00E+00	6.03E-11
1172	463164.4	3772853	9.40E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-10	1.44E-10	0.00E+00	0.00E+00	0.00E+00	1.44E-10	6.17E-11	0.00E+00	0.00E+00	0.00E+00	6.17E-11

1173	463180.8	3772860	9.61E-10	0.00E+00	0.00E+00	0.00E+00	9.61E-10		1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10		6.31E-11	0.00E+00	0.00E+00	0.00E+00	6.31E-11
1174	463280.1	3772935	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09		2.07E-10	0.00E+00	0.00E+00	0.00E+00	2.07E-10		8.89E-11	0.00E+00	0.00E+00	0.00E+00	8.89E-11
1175	463287	3772951	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09		2.30E-10	0.00E+00	0.00E+00	0.00E+00	2.30E-10		9.87E-11	0.00E+00	0.00E+00	0.00E+00	9.87E-11
1176	463293.8	3772967	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09		2.57E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-10		1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
1177	463300.6	3772984	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09		2.87E-10	0.00E+00	0.00E+00	0.00E+00	2.87E-10		1.23E-10	0.00E+00	0.00E+00	0.00E+00	1.23E-10
1178	463307.5	3773000	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09		3.23E-10	0.00E+00	0.00E+00	0.00E+00	3.23E-10		1.38E-10	0.00E+00	0.00E+00	0.00E+00	1.38E-10
1179	463314.3	3773017	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09		3.64E-10	0.00E+00	0.00E+00	0.00E+00	3.64E-10		1.56E-10	0.00E+00	0.00E+00	0.00E+00	1.56E-10
1180	463321.1	3773033	2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09		4.11E-10	0.00E+00	0.00E+00	0.00E+00	4.11E-10		1.76E-10	0.00E+00	0.00E+00	0.00E+00	1.76E-10
1181	463328	3773049	3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.03E-09		4.65E-10	0.00E+00	0.00E+00	0.00E+00	4.65E-10		1.99E-10	0.00E+00	0.00E+00	0.00E+00	1.99E-10
1182	463334.8	3773066	3.42E-09	0.00E+00	0.00E+00	0.00E+00	3.42E-09		5.24E-10	0.00E+00	0.00E+00	0.00E+00	5.24E-10		2.25E-10	0.00E+00	0.00E+00	0.00E+00	2.25E-10
1183	463341.6	3773082	3.85E-09	0.00E+00	0.00E+00	0.00E+00	3.85E-09		5.89E-10	0.00E+00	0.00E+00	0.00E+00	5.89E-10		2.52E-10	0.00E+00	0.00E+00	0.00E+00	2.52E-10
1184	463348.5	3773099	4.30E-09	0.00E+00	0.00E+00	0.00E+00	4.30E-09		6.59E-10	0.00E+00	0.00E+00	0.00E+00	6.59E-10		2.82E-10	0.00E+00	0.00E+00	0.00E+00	2.82E-10
1185	463355.3	3773115	4.78E-09	0.00E+00	0.00E+00	0.00E+00	4.78E-09		7.32E-10	0.00E+00	0.00E+00	0.00E+00	7.32E-10		3.14E-10	0.00E+00	0.00E+00	0.00E+00	3.14E-10
1186	463362.2	3773132	5.26E-09	0.00E+00	0.00E+00	0.00E+00	5.26E-09		8.05E-10	0.00E+00	0.00E+00	0.00E+00	8.05E-10		3.45E-10	0.00E+00	0.00E+00	0.00E+00	3.45E-10
1187	463041.6	3772772	7.23E-10	0.00E+00	0.00E+00	0.00E+00	7.23E-10		1.11E-10	0.00E+00	0.00E+00	0.00E+00	1.11E-10		4.74E-11	0.00E+00	0.00E+00	0.00E+00	4.74E-11
1188	463058.4	3772779	7.21E-10	0.00E+00	0.00E+00	0.00E+00	7.21E-10		1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10		4.73E-11	0.00E+00	0.00E+00	0.00E+00	4.73E-11
1189	463066.7	3772783	7.22E-10	0.00E+00	0.00E+00	0.00E+00	7.22E-10		1.11E-10	0.00E+00	0.00E+00	0.00E+00	1.11E-10		4.74E-11	0.00E+00	0.00E+00	0.00E+00	4.74E-11
1190	463075.1	3772786	7.25E-10	0.00E+00	0.00E+00	0.00E+00	7.25E-10		1.11E-10	0.00E+00	0.00E+00	0.00E+00	1.11E-10		4.75E-11	0.00E+00	0.00E+00	0.00E+00	4.75E-11
1191	463083.5	3772790	7.28E-10	0.00E+00	0.00E+00	0.00E+00	7.28E-10		1.11E-10	0.00E+00	0.00E+00	0.00E+00	1.11E-10		4.78E-11	0.00E+00	0.00E+00	0.00E+00	4.78E-11
1192	463100.2	3772797	7.37E-10	0.00E+00	0.00E+00	0.00E+00	7.37E-10		1.13E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-10		4.83E-11	0.00E+00	0.00E+00	0.00E+00	4.83E-11
1193	463108.6	3772800	7.42E-10	0.00E+00	0.00E+00	0.00E+00	7.42E-10		1.14E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-10		4.87E-11	0.00E+00	0.00E+00	0.00E+00	4.87E-11
1194	463116.9	3772803	7.48E-10	0.00E+00	0.00E+00	0.00E+00	7.48E-10		1.15E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-10		4.91E-11	0.00E+00	0.00E+00	0.00E+00	4.91E-11
1195	463133.6	3772810	7.62E-10	0.00E+00	0.00E+00	0.00E+00	7.62E-10		1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10		5.00E-11	0.00E+00	0.00E+00	0.00E+00	5.00E-11
1196	463142	3772814	7.70E-10	0.00E+00	0.00E+00	0.00E+00	7.70E-10		1.18E-10	0.00E+00	0.00E+00	0.00E+00	1.18E-10		5.05E-11	0.00E+00	0.00E+00	0.00E+00	5.05E-11
1197	463150.4	3772817	7.77E-10	0.00E+00	0.00E+00	0.00E+00	7.77E-10		1.19E-10	0.00E+00	0.00E+00	0.00E+00	1.19E-10		5.10E-11	0.00E+00	0.00E+00	0.00E+00	5.10E-11
1198	463158.7	3772821	7.86E-10	0.00E+00	0.00E+00	0.00E+00	7.86E-10		1.20E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-10		5.16E-11	0.00E+00	0.00E+00	0.00E+00	5.16E-11
1199	463175.5	3772828	8.02E-10	0.00E+00	0.00E+00	0.00E+00	8.02E-10		1.23E-10	0.00E+00	0.00E+00	0.00E+00	1.23E-10		5.26E-11	0.00E+00	0.00E+00	0.00E+00	5.26E-11
1200	463183.8	3772831	8.10E-10	0.00E+00	0.00E+00	0.00E+00	8.10E-10		1.24E-10	0.00E+00	0.00E+00	0.00E+00	1.24E-10		5.32E-11	0.00E+00	0.00E+00	0.00E+00	5.32E-11
1201	463192.2	3772834	8.19E-10	0.00E+00	0.00E+00	0.00E+00	8.19E-10		1.25E-10	0.00E+00	0.00E+00	0.00E+00	1.25E-10		5.37E-11	0.00E+00	0.00E+00	0.00E+00	5.37E-11
1202	463208.9	3772841	8.36E-10	0.00E+00	0.00E+00	0.00E+00	8.36E-10		1.28E-10	0.00E+00	0.00E+00	0.00E+00	1.28E-10		5.48E-11	0.00E+00	0.00E+00	0.00E+00	5.48E-11
1203	463217.3	3772845	8.44E-10	0.00E+00	0.00E+00	0.00E+00	8.44E-10		1.29E-10	0.00E+00	0.00E+00	0.00E+00	1.29E-10		5.54E-11	0.00E+00	0.00E+00	0.00E+00	5.54E-11
1204	463225.7	3772848	8.52E-10	0.00E+00	0.00E+00	0.00E+00	8.52E-10		1.30E-10	0.00E+00	0.00E+00	0.00E+00	1.30E-10		5.59E-11	0.00E+00	0.00E+00	0.00E+00	5.59E-11
1205	463234	3772852	8.60E-10	0.00E+00	0.00E+00	0.00E+00	8.60E-10		1.32E-10	0.00E+00	0.00E+00	0.00E+00	1.32E-10		5.64E-11	0.00E+00	0.00E+00	0.00E+00	5.64E-11
1206	463250.7	3772859	8.76E-10	0.00E+00	0.00E+00	0.00E+00	8.76E-10		1.34E-10	0.00E+00	0.00E+00	0.00E+00	1.34E-10		5.75E-11	0.00E+00	0.00E+00	0.00E+00	5.75E-11
1207	463259.1	3772862	8.84E-10	0.00E+00	0.00E+00	0.00E+00	8.84E-10		1.35E-10	0.00E+00	0.00E+00	0.00E+00	1.35E-10		5.80E-11	0.00E+00	0.00E+00	0.00E+00	5.80E-11
1208	463305.1	3772922	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09		1.83E-10	0.00E+00	0.00E+00	0.00E+00	1.83E-10		7.83E-11	0.00E+00	0.00E+00	0.00E+00	7.83E-11
1209	463312	3772939	1.32E-09	0.00E+00	0.00E+00	0.00E+00	1.32E-09		2.02E-10	0.00E+00	0.00E+00	0.00E+00	2.02E-10		8.65E-11	0.00E+00	0.00E+00	0.00E+00	8.65E-11
1210	463315.5	3772947	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09		2.12E-10	0.00E+00	0.00E+00	0.00E+00	2.12E-10		9.10E-11	0.00E+00	0.00E+00	0.00E+00	9.10E-11
1211	463322.5	3772964	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09		2.36E-10	0.00E+00	0.00E+00	0.00E+00	2.36E-10		1.01E-10	0.00E+00	0.00E+00	0.00E+00	1.01E-10
1212	463329.4	3772981	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09		2.63E-10	0.00E+00	0.00E+00	0.00E+00	2.63E-10		1.13E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-10
1213	463332.9	3772989	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09		2.78E-10	0.00E+00	0.00E+00	0.00E+00	2.78E-10		1.19E-10	0.00E+00	0.00E+00	0.00E+00	1.19E-10
1214	463339.9	3773006	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09		3.11E-10	0.00E+00	0.00E+00	0.00E+00	3.11E-10		1.33E-10	0.00E+00	0.00E+00	0.00E+00	1.33E-10
1215	463346.8	3773023	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09		3.49E-10	0.00E+00	0.00E+00	0.00E+00	3.49E-10		1.49E-10	0.00E+00	0.00E+00	0.00E+00	1.49E-10
1216	463350.3	3773031	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09		3.69E-10	0.00E+00	0.00E+00	0.00E+00	3.69E-10		1.58E-10	0.00E+00	0.00E+00	0.00E+00	1.58E-10
1217	463357.3	3773048	2.71E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-09		4.15E-10	0.00E+00	0.00E+00	0.00E+00	4.15E-10		1.78E-10	0.00E+00	0.00E+00	0.00E+00	1.78E-10
1218	463364.2	3773064	3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.03E-09		4.65E-10	0.00E+00	0.00E+00	0.00E+00	4.65E-10		1.99E-10	0.00E+00	0.00E+00	0.00E+00	1.99E-10
1219	463367.7	3773073	3.21E-09	0.00E+00	0.00E+00	0.00E+00	3.21E-09		4.91E-10	0.00E+00	0.00E+00	0.00E+00	4.91E-10		2.10E-10	0.00E+00	0.00E+00	0.00E+00	2.10E-10
1220	463374.6	3773089	3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09		5.47E-10	0.00E+00	0.00E+00	0.00E+00	5.47E-10		2.34E-10	0.00E+00	0.00E+00	0.00E+00	2.34E-10
1221	463381.6	3773106	3.96E-09	0.00E+00	0.00E+00	0.00E+00	3.96E-09		6.06E-10	0.00E+00	0.00E+00	0.00E+00	6.06E-10		2.60E-10	0.00E+00	0.00E+00	0.00E+00	2.60E-10
1222	463385.1	3773114	4.15E-09	0.00E+00	0.00E+00	0.00E+00	4.15E-09		6.36E-10	0.00E+00	0.00E+00	0.00E+00	6.36E-10		2.73E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-10
1223	463392	3773131	4.55E-09	0.00E+00	0.00E+00	0.00E+00	4.55E-09		6.96E-10	0.00E+00	0.00E+00	0.00E+00	6.96E-10		2.98E-10	0.00E+00	0.00E+00	0.00E+00	2.98E-10
1224	463032.9	3772739	6.28E-10	0.00E+00	0.00E+00	0.00E+00	6.28E-10		9.61E-11	0.00E+00	0.00E+00	0.00E+00	9.61E-11		4.12E-11	0.00E+00	0.00E+00	0.00E+00	4.12E-11
1225	463049.4	3772746	6.24E-10	0.00E+00	0.00E+00	0.00E+00	6.24E-10		9.55E-11	0.00E+00	0.00E+00	0.00E+00	9.55E-11		4.10E-11	0.00E+00	0.00E+00	0.00E+00	4.10E-11
1226	463065.9	3772752	6.24E-10	0.00E+00	0.00E+00	0.00E+00	6.24E-10		9.55E-11	0.00E+00	0.00E+00	0.00E+00	9.55E-11		4.10E-11	0.00E+00	0.00E+00	0.00E+00	4.10E-11
1227	463082.4	3772759	6.28E-10	0.00E+00	0.00E+00	0.00E+00	6.28E-10		9.61E-11	0.00E+00	0.00E+00	0.00E+00	9.61E-11		4.12E-11	0.00E+00	0.00E+00	0.00E+00	4.12E-11
1228	463098.9	3772766	6.34E-10	0.00E+00	0.00E+00	0.00E+00	6.34E-10		9.70E-11	0.00E+00	0.00E+00	0.00E+00	9.70E-11		4.16E-11	0.00E+00	0.00E+00	0.00E+00	4.16E-11

1229	463115.5	3772773	6.42E-10	0.00E+00	0.00E+00	0.00E+00	6.42E-10		9.83E-11	0.00E+00	0.00E+00	0.00E+00	9.83E-11		4.21E-11	0.00E+00	0.00E+00	0.00E+00	4.21E-11
1230	463132	3772780	6.52E-10	0.00E+00	0.00E+00	0.00E+00	6.52E-10		9.99E-11	0.00E+00	0.00E+00	0.00E+00	9.99E-11		4.28E-11	0.00E+00	0.00E+00	0.00E+00	4.28E-11
1231	463148.5	3772786	6.64E-10	0.00E+00	0.00E+00	0.00E+00	6.64E-10		1.02E-10	0.00E+00	0.00E+00	0.00E+00	1.02E-10		4.36E-11	0.00E+00	0.00E+00	0.00E+00	4.36E-11
1232	463165	3772793	6.76E-10	0.00E+00	0.00E+00	0.00E+00	6.76E-10		1.04E-10	0.00E+00	0.00E+00	0.00E+00	1.04E-10		4.44E-11	0.00E+00	0.00E+00	0.00E+00	4.44E-11
1233	463181.5	3772800	6.89E-10	0.00E+00	0.00E+00	0.00E+00	6.89E-10		1.05E-10	0.00E+00	0.00E+00	0.00E+00	1.05E-10		4.52E-11	0.00E+00	0.00E+00	0.00E+00	4.52E-11
1234	463198	3772807	7.02E-10	0.00E+00	0.00E+00	0.00E+00	7.02E-10		1.07E-10	0.00E+00	0.00E+00	0.00E+00	1.07E-10		4.61E-11	0.00E+00	0.00E+00	0.00E+00	4.61E-11
1235	463214.5	3772814	7.15E-10	0.00E+00	0.00E+00	0.00E+00	7.15E-10		1.09E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-10		4.69E-11	0.00E+00	0.00E+00	0.00E+00	4.69E-11
1236	463231.1	3772820	7.28E-10	0.00E+00	0.00E+00	0.00E+00	7.28E-10		1.11E-10	0.00E+00	0.00E+00	0.00E+00	1.11E-10		4.78E-11	0.00E+00	0.00E+00	0.00E+00	4.78E-11
1237	463247.6	3772827	7.41E-10	0.00E+00	0.00E+00	0.00E+00	7.41E-10		1.13E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-10		4.86E-11	0.00E+00	0.00E+00	0.00E+00	4.86E-11
1238	463264.1	3772834	7.53E-10	0.00E+00	0.00E+00	0.00E+00	7.53E-10		1.15E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-10		4.94E-11	0.00E+00	0.00E+00	0.00E+00	4.94E-11
1239	463280.6	3772841	7.65E-10	0.00E+00	0.00E+00	0.00E+00	7.65E-10		1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10		5.02E-11	0.00E+00	0.00E+00	0.00E+00	5.02E-11
1240	463297.1	3772848	7.77E-10	0.00E+00	0.00E+00	0.00E+00	7.77E-10		1.19E-10	0.00E+00	0.00E+00	0.00E+00	1.19E-10		5.10E-11	0.00E+00	0.00E+00	0.00E+00	5.10E-11
1241	463308.8	3772859	8.14E-10	0.00E+00	0.00E+00	0.00E+00	8.14E-10		1.25E-10	0.00E+00	0.00E+00	0.00E+00	1.25E-10		5.34E-11	0.00E+00	0.00E+00	0.00E+00	5.34E-11
1242	463336.3	3772925	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09		1.76E-10	0.00E+00	0.00E+00	0.00E+00	1.76E-10		7.55E-11	0.00E+00	0.00E+00	0.00E+00	7.55E-11
1243	463343.1	3772942	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09		1.94E-10	0.00E+00	0.00E+00	0.00E+00	1.94E-10		8.30E-11	0.00E+00	0.00E+00	0.00E+00	8.30E-11
1244	463350	3772958	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09		2.13E-10	0.00E+00	0.00E+00	0.00E+00	2.13E-10		9.15E-11	0.00E+00	0.00E+00	0.00E+00	9.15E-11
1245	463356.9	3772975	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09		2.36E-10	0.00E+00	0.00E+00	0.00E+00	2.36E-10		1.01E-10	0.00E+00	0.00E+00	0.00E+00	1.01E-10
1246	463363.7	3772991	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09		2.62E-10	0.00E+00	0.00E+00	0.00E+00	2.62E-10		1.12E-10	0.00E+00	0.00E+00	0.00E+00	1.12E-10
1247	463370.6	3773008	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09		2.91E-10	0.00E+00	0.00E+00	0.00E+00	2.91E-10		1.25E-10	0.00E+00	0.00E+00	0.00E+00	1.25E-10
1248	463377.5	3773024	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09		3.23E-10	0.00E+00	0.00E+00	0.00E+00	3.23E-10		1.38E-10	0.00E+00	0.00E+00	0.00E+00	1.38E-10
1249	463384.4	3773041	2.35E-09	0.00E+00	0.00E+00	0.00E+00	2.35E-09		3.59E-10	0.00E+00	0.00E+00	0.00E+00	3.59E-10		1.54E-10	0.00E+00	0.00E+00	0.00E+00	1.54E-10
1250	463391.2	3773057	2.61E-09	0.00E+00	0.00E+00	0.00E+00	2.61E-09		3.99E-10	0.00E+00	0.00E+00	0.00E+00	3.99E-10		1.71E-10	0.00E+00	0.00E+00	0.00E+00	1.71E-10
1251	463398.1	3773074	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09		4.42E-10	0.00E+00	0.00E+00	0.00E+00	4.42E-10		1.90E-10	0.00E+00	0.00E+00	0.00E+00	1.90E-10
1252	463405	3773090	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.19E-09		4.88E-10	0.00E+00	0.00E+00	0.00E+00	4.88E-10		2.09E-10	0.00E+00	0.00E+00	0.00E+00	2.09E-10
1253	463033.2	3772709	5.49E-10	0.00E+00	0.00E+00	0.00E+00	5.49E-10		8.40E-11	0.00E+00	0.00E+00	0.00E+00	8.40E-11		3.60E-11	0.00E+00	0.00E+00	0.00E+00	3.60E-11
1254	463041.6	3772712	5.47E-10	0.00E+00	0.00E+00	0.00E+00	5.47E-10		8.37E-11	0.00E+00	0.00E+00	0.00E+00	8.37E-11		3.59E-11	0.00E+00	0.00E+00	0.00E+00	3.59E-11
1255	463050	3772716	5.45E-10	0.00E+00	0.00E+00	0.00E+00	5.45E-10		8.35E-11	0.00E+00	0.00E+00	0.00E+00	8.35E-11		3.58E-11	0.00E+00	0.00E+00	0.00E+00	3.58E-11
1256	463066.7	3772723	5.45E-10	0.00E+00	0.00E+00	0.00E+00	5.45E-10		8.35E-11	0.00E+00	0.00E+00	0.00E+00	8.35E-11		3.58E-11	0.00E+00	0.00E+00	0.00E+00	3.58E-11
1257	463075.1	3772726	5.46E-10	0.00E+00	0.00E+00	0.00E+00	5.46E-10		8.36E-11	0.00E+00	0.00E+00	0.00E+00	8.36E-11		3.58E-11	0.00E+00	0.00E+00	0.00E+00	3.58E-11
1258	463083.5	3772730	5.48E-10	0.00E+00	0.00E+00	0.00E+00	5.48E-10		8.38E-11	0.00E+00	0.00E+00	0.00E+00	8.38E-11		3.59E-11	0.00E+00	0.00E+00	0.00E+00	3.59E-11
1259	463091.9	3772733	5.50E-10	0.00E+00	0.00E+00	0.00E+00	5.50E-10		8.42E-11	0.00E+00	0.00E+00	0.00E+00	8.42E-11		3.61E-11	0.00E+00	0.00E+00	0.00E+00	3.61E-11
1260	463108.6	3772740	5.56E-10	0.00E+00	0.00E+00	0.00E+00	5.56E-10		8.50E-11	0.00E+00	0.00E+00	0.00E+00	8.50E-11		3.65E-11	0.00E+00	0.00E+00	0.00E+00	3.65E-11
1261	463117	3772744	5.59E-10	0.00E+00	0.00E+00	0.00E+00	5.59E-10		8.56E-11	0.00E+00	0.00E+00	0.00E+00	8.56E-11		3.67E-11	0.00E+00	0.00E+00	0.00E+00	3.67E-11
1262	463125.4	3772747	5.63E-10	0.00E+00	0.00E+00	0.00E+00	5.63E-10		8.62E-11	0.00E+00	0.00E+00	0.00E+00	8.62E-11		3.69E-11	0.00E+00	0.00E+00	0.00E+00	3.69E-11
1263	463133.8	3772750	5.67E-10	0.00E+00	0.00E+00	0.00E+00	5.67E-10		8.68E-11	0.00E+00	0.00E+00	0.00E+00	8.68E-11		3.72E-11	0.00E+00	0.00E+00	0.00E+00	3.72E-11
1264	463150.5	3772757	5.76E-10	0.00E+00	0.00E+00	0.00E+00	5.76E-10		8.82E-11	0.00E+00	0.00E+00	0.00E+00	8.82E-11		3.78E-11	0.00E+00	0.00E+00	0.00E+00	3.78E-11
1265	463158.9	3772761	5.81E-10	0.00E+00	0.00E+00	0.00E+00	5.81E-10		8.90E-11	0.00E+00	0.00E+00	0.00E+00	8.90E-11		3.81E-11	0.00E+00	0.00E+00	0.00E+00	3.81E-11
1266	463167.3	3772764	5.86E-10	0.00E+00	0.00E+00	0.00E+00	5.86E-10		8.98E-11	0.00E+00	0.00E+00	0.00E+00	8.98E-11		3.85E-11	0.00E+00	0.00E+00	0.00E+00	3.85E-11
1267	463175.7	3772768	5.92E-10	0.00E+00	0.00E+00	0.00E+00	5.92E-10		9.06E-11	0.00E+00	0.00E+00	0.00E+00	9.06E-11		3.88E-11	0.00E+00	0.00E+00	0.00E+00	3.88E-11
1268	463184.1	3772771	5.97E-10	0.00E+00	0.00E+00	0.00E+00	5.97E-10		9.13E-11	0.00E+00	0.00E+00	0.00E+00	9.13E-11		3.92E-11	0.00E+00	0.00E+00	0.00E+00	3.92E-11
1269	463200.8	3772778	6.07E-10	0.00E+00	0.00E+00	0.00E+00	6.07E-10		9.30E-11	0.00E+00	0.00E+00	0.00E+00	9.30E-11		3.99E-11	0.00E+00	0.00E+00	0.00E+00	3.99E-11
1270	463209.2	3772781	6.13E-10	0.00E+00	0.00E+00	0.00E+00	6.13E-10		9.38E-11	0.00E+00	0.00E+00	0.00E+00	9.38E-11		4.02E-11	0.00E+00	0.00E+00	0.00E+00	4.02E-11
1271	463217.6	3772785	6.18E-10	0.00E+00	0.00E+00	0.00E+00	6.18E-10		9.46E-11	0.00E+00	0.00E+00	0.00E+00	9.46E-11		4.06E-11	0.00E+00	0.00E+00	0.00E+00	4.06E-11
1272	463226	3772788	6.23E-10	0.00E+00	0.00E+00	0.00E+00	6.23E-10		9.54E-11	0.00E+00	0.00E+00	0.00E+00	9.54E-11		4.09E-11	0.00E+00	0.00E+00	0.00E+00	4.09E-11
1273	463242.7	3772795	6.34E-10	0.00E+00	0.00E+00	0.00E+00	6.34E-10		9.70E-11	0.00E+00	0.00E+00	0.00E+00	9.70E-11		4.16E-11	0.00E+00	0.00E+00	0.00E+00	4.16E-11
1274	463251.1	3772799	6.39E-10	0.00E+00	0.00E+00	0.00E+00	6.39E-10		9.78E-11	0.00E+00	0.00E+00	0.00E+00	9.78E-11		4.19E-11	0.00E+00	0.00E+00	0.00E+00	4.19E-11
1275	463259.5	3772802	6.44E-10	0.00E+00	0.00E+00	0.00E+00	6.44E-10		9.86E-11	0.00E+00	0.00E+00	0.00E+00	9.86E-11		4.23E-11	0.00E+00	0.00E+00	0.00E+00	4.23E-11
1276	463267.9	3772806	6.49E-10	0.00E+00	0.00E+00	0.00E+00	6.49E-10		9.94E-11	0.00E+00	0.00E+00	0.00E+00	9.94E-11		4.26E-11	0.00E+00	0.00E+00	0.00E+00	4.26E-11
1277	463284.6	3772813	6.59E-10	0.00E+00	0.00E+00	0.00E+00	6.59E-10		1.01E-10	0.00E+00	0.00E+00	0.00E+00	1.01E-10		4.33E-11	0.00E+00	0.00E+00	0.00E+00	4.33E-11
1278	463293	3772816	6.64E-10	0.00E+00	0.00E+00	0.00E+00	6.64E-10		1.02E-10	0.00E+00	0.00E+00	0.00E+00	1.02E-10		4.36E-11	0.00E+00	0.00E+00	0.00E+00	4.36E-11
1279	463301.4	3772819	6.69E-10	0.00E+00	0.00E+00	0.00E+00	6.69E-10		1.02E-10	0.00E+00	0.00E+00	0.00E+00	1.02E-10		4.39E-11	0.00E+00	0.00E+00	0.00E+00	4.39E-11
1280	463309.8	3772823	6.74E-10	0.00E+00	0.00E+00	0.00E+00	6.74E-10		1.03E-10	0.00E+00	0.00E+00	0.00E+00	1.03E-10		4.42E-11	0.00E+00	0.00E+00	0.00E+00	4.42E-11
1281	463330	3772838	7.09E-10	0.00E+00	0.00E+00	0.00E+00	7.09E-10		1.09E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-10		4.65E-11	0.00E+00	0.00E+00	0.00E+00	4.65E-11
1282	463337	3772855	7.66E-10	0.00E+00	0.00E+00	0.00E+00	7.66E-10		1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10		5.02E-11	0.00E+00	0.00E+00	0.00E+00	5.02E-11
1283	463368.4	3772930	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09		1.71E-10	0.00E+00	0.00E+00	0.00E+00	1.71E-10		7.35E-11	0.00E+00	0.00E+00	0.00E+00	7.35E-11
1284	463375.3	3772947	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09		1.88E-10	0.00E+00	0.00E+00	0.00E+00	1.88E-10		8.06E-11	0.00E+00	0.00E+00	0.00E+00	8.06E-11

1285	463382.3	3772964	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	2.07E-10	0.00E+00	0.00E+00	0.00E+00	2.07E-10	8.87E-11	0.00E+00	0.00E+00	0.00E+00	8.87E-11
1286	463389.3	3772980	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09	2.28E-10	0.00E+00	0.00E+00	0.00E+00	2.28E-10	9.78E-11	0.00E+00	0.00E+00	0.00E+00	9.78E-11
1287	463396.3	3772997	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	2.52E-10	0.00E+00	0.00E+00	0.00E+00	2.52E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	1.08E-10
1288	463403.2	3773014	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09	2.79E-10	0.00E+00	0.00E+00	0.00E+00	2.79E-10	1.20E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-10
1289	463448.5	3773123	3.36E-09	0.00E+00	0.00E+00	0.00E+00	3.36E-09	5.15E-10	0.00E+00	0.00E+00	0.00E+00	5.15E-10	2.21E-10	0.00E+00	0.00E+00	0.00E+00	2.21E-10
1290	463032.8	3772679	4.84E-10	0.00E+00	0.00E+00	0.00E+00	4.84E-10	7.41E-11	0.00E+00	0.00E+00	0.00E+00	7.41E-11	3.18E-11	0.00E+00	0.00E+00	0.00E+00	3.18E-11
1291	463049.4	3772686	4.81E-10	0.00E+00	0.00E+00	0.00E+00	4.81E-10	7.37E-11	0.00E+00	0.00E+00	0.00E+00	7.37E-11	3.16E-11	0.00E+00	0.00E+00	0.00E+00	3.16E-11
1292	463066	3772693	4.81E-10	0.00E+00	0.00E+00	0.00E+00	4.81E-10	7.36E-11	0.00E+00	0.00E+00	0.00E+00	7.36E-11	3.15E-11	0.00E+00	0.00E+00	0.00E+00	3.15E-11
1293	463082.6	3772699	4.82E-10	0.00E+00	0.00E+00	0.00E+00	4.82E-10	7.38E-11	0.00E+00	0.00E+00	0.00E+00	7.38E-11	3.16E-11	0.00E+00	0.00E+00	0.00E+00	3.16E-11
1294	463099.1	3772706	4.86E-10	0.00E+00	0.00E+00	0.00E+00	4.86E-10	7.44E-11	0.00E+00	0.00E+00	0.00E+00	7.44E-11	3.19E-11	0.00E+00	0.00E+00	0.00E+00	3.19E-11
1295	463115.7	3772713	4.91E-10	0.00E+00	0.00E+00	0.00E+00	4.91E-10	7.51E-11	0.00E+00	0.00E+00	0.00E+00	7.51E-11	3.22E-11	0.00E+00	0.00E+00	0.00E+00	3.22E-11
1296	463124	3772716	4.94E-10	0.00E+00	0.00E+00	0.00E+00	4.94E-10	7.56E-11	0.00E+00	0.00E+00	0.00E+00	7.56E-11	3.24E-11	0.00E+00	0.00E+00	0.00E+00	3.24E-11
1297	463140.6	3772723	5.00E-10	0.00E+00	0.00E+00	0.00E+00	5.00E-10	7.66E-11	0.00E+00	0.00E+00	0.00E+00	7.66E-11	3.28E-11	0.00E+00	0.00E+00	0.00E+00	3.28E-11
1298	463157.1	3772730	5.08E-10	0.00E+00	0.00E+00	0.00E+00	5.08E-10	7.78E-11	0.00E+00	0.00E+00	0.00E+00	7.78E-11	3.33E-11	0.00E+00	0.00E+00	0.00E+00	3.33E-11
1299	463173.7	3772737	5.16E-10	0.00E+00	0.00E+00	0.00E+00	5.16E-10	7.90E-11	0.00E+00	0.00E+00	0.00E+00	7.90E-11	3.39E-11	0.00E+00	0.00E+00	0.00E+00	3.39E-11
1300	463190.3	3772744	5.24E-10	0.00E+00	0.00E+00	0.00E+00	5.24E-10	8.03E-11	0.00E+00	0.00E+00	0.00E+00	8.03E-11	3.44E-11	0.00E+00	0.00E+00	0.00E+00	3.44E-11
1301	463206.9	3772751	5.33E-10	0.00E+00	0.00E+00	0.00E+00	5.33E-10	8.16E-11	0.00E+00	0.00E+00	0.00E+00	8.16E-11	3.50E-11	0.00E+00	0.00E+00	0.00E+00	3.50E-11
1302	463223.4	3772757	5.41E-10	0.00E+00	0.00E+00	0.00E+00	5.41E-10	8.29E-11	0.00E+00	0.00E+00	0.00E+00	8.29E-11	3.55E-11	0.00E+00	0.00E+00	0.00E+00	3.55E-11
1303	463231.7	3772761	5.46E-10	0.00E+00	0.00E+00	0.00E+00	5.46E-10	8.35E-11	0.00E+00	0.00E+00	0.00E+00	8.35E-11	3.58E-11	0.00E+00	0.00E+00	0.00E+00	3.58E-11
1304	463248.3	3772768	5.54E-10	0.00E+00	0.00E+00	0.00E+00	5.54E-10	8.48E-11	0.00E+00	0.00E+00	0.00E+00	8.48E-11	3.64E-11	0.00E+00	0.00E+00	0.00E+00	3.64E-11
1305	463264.9	3772774	5.62E-10	0.00E+00	0.00E+00	0.00E+00	5.62E-10	8.61E-11	0.00E+00	0.00E+00	0.00E+00	8.61E-11	3.69E-11	0.00E+00	0.00E+00	0.00E+00	3.69E-11
1306	463281.4	3772781	5.71E-10	0.00E+00	0.00E+00	0.00E+00	5.71E-10	8.73E-11	0.00E+00	0.00E+00	0.00E+00	8.73E-11	3.74E-11	0.00E+00	0.00E+00	0.00E+00	3.74E-11
1307	463289.7	3772785	5.75E-10	0.00E+00	0.00E+00	0.00E+00	5.75E-10	8.79E-11	0.00E+00	0.00E+00	0.00E+00	8.79E-11	3.77E-11	0.00E+00	0.00E+00	0.00E+00	3.77E-11
1308	463306.3	3772791	5.82E-10	0.00E+00	0.00E+00	0.00E+00	5.82E-10	8.91E-11	0.00E+00	0.00E+00	0.00E+00	8.91E-11	3.82E-11	0.00E+00	0.00E+00	0.00E+00	3.82E-11
1309	463322.9	3772798	5.90E-10	0.00E+00	0.00E+00	0.00E+00	5.90E-10	9.03E-11	0.00E+00	0.00E+00	0.00E+00	9.03E-11	3.87E-11	0.00E+00	0.00E+00	0.00E+00	3.87E-11
1310	463339.4	3772805	5.98E-10	0.00E+00	0.00E+00	0.00E+00	5.98E-10	9.15E-11	0.00E+00	0.00E+00	0.00E+00	9.15E-11	3.92E-11	0.00E+00	0.00E+00	0.00E+00	3.92E-11
1311	463351.2	3772817	6.23E-10	0.00E+00	0.00E+00	0.00E+00	6.23E-10	9.53E-11	0.00E+00	0.00E+00	0.00E+00	9.53E-11	4.09E-11	0.00E+00	0.00E+00	0.00E+00	4.09E-11
1312	463358	3772833	6.68E-10	0.00E+00	0.00E+00	0.00E+00	6.68E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	1.02E-10	4.38E-11	0.00E+00	0.00E+00	0.00E+00	4.38E-11
1313	463361.5	3772842	6.93E-10	0.00E+00	0.00E+00	0.00E+00	6.93E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	1.06E-10	4.55E-11	0.00E+00	0.00E+00	0.00E+00	4.55E-11
1314	463368.4	3772858	7.46E-10	0.00E+00	0.00E+00	0.00E+00	7.46E-10	1.14E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-10	4.90E-11	0.00E+00	0.00E+00	0.00E+00	4.90E-11
1315	463402.8	3772941	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09	1.72E-10	0.00E+00	0.00E+00	0.00E+00	1.72E-10	7.36E-11	0.00E+00	0.00E+00	0.00E+00	7.36E-11
1316	463447.6	3773048	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	3.13E-10	0.00E+00	0.00E+00	0.00E+00	3.13E-10	1.34E-10	0.00E+00	0.00E+00	0.00E+00	1.34E-10
1317	463454.5	3773065	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09	3.43E-10	0.00E+00	0.00E+00	0.00E+00	3.43E-10	1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10
1318	463461.4	3773082	2.45E-09	0.00E+00	0.00E+00	0.00E+00	2.45E-09	3.75E-10	0.00E+00	0.00E+00	0.00E+00	3.75E-10	1.61E-10	0.00E+00	0.00E+00	0.00E+00	1.61E-10
1319	463468.3	3773098	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09	4.07E-10	0.00E+00	0.00E+00	0.00E+00	4.07E-10	1.75E-10	0.00E+00	0.00E+00	0.00E+00	1.75E-10
1320	463475.2	3773115	2.88E-09	0.00E+00	0.00E+00	0.00E+00	2.88E-09	4.41E-10	0.00E+00	0.00E+00	0.00E+00	4.41E-10	1.89E-10	0.00E+00	0.00E+00	0.00E+00	1.89E-10
1321	463482.1	3773131	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09	4.75E-10	0.00E+00	0.00E+00	0.00E+00	4.75E-10	2.03E-10	0.00E+00	0.00E+00	0.00E+00	2.03E-10
1322	463033.1	3772649	4.31E-10	0.00E+00	0.00E+00	0.00E+00	4.31E-10	6.59E-11	0.00E+00	0.00E+00	0.00E+00	6.59E-11	2.83E-11	0.00E+00	0.00E+00	0.00E+00	2.83E-11
1323	463041.5	3772652	4.29E-10	0.00E+00	0.00E+00	0.00E+00	4.29E-10	6.57E-11	0.00E+00	0.00E+00	0.00E+00	6.57E-11	2.82E-11	0.00E+00	0.00E+00	0.00E+00	2.82E-11
1324	463049.9	3772656	4.28E-10	0.00E+00	0.00E+00	0.00E+00	4.28E-10	6.55E-11	0.00E+00	0.00E+00	0.00E+00	6.55E-11	2.81E-11	0.00E+00	0.00E+00	0.00E+00	2.81E-11
1325	463058.3	3772659	4.27E-10	0.00E+00	0.00E+00	0.00E+00	4.27E-10	6.54E-11	0.00E+00	0.00E+00	0.00E+00	6.54E-11	2.80E-11	0.00E+00	0.00E+00	0.00E+00	2.80E-11
1326	463066.7	3772663	4.27E-10	0.00E+00	0.00E+00	0.00E+00	4.27E-10	6.54E-11	0.00E+00	0.00E+00	0.00E+00	6.54E-11	2.80E-11	0.00E+00	0.00E+00	0.00E+00	2.80E-11
1327	463075.1	3772666	4.28E-10	0.00E+00	0.00E+00	0.00E+00	4.28E-10	6.55E-11	0.00E+00	0.00E+00	0.00E+00	6.55E-11	2.81E-11	0.00E+00	0.00E+00	0.00E+00	2.81E-11
1328	463083.5	3772670	4.29E-10	0.00E+00	0.00E+00	0.00E+00	4.29E-10	6.56E-11	0.00E+00	0.00E+00	0.00E+00	6.56E-11	2.81E-11	0.00E+00	0.00E+00	0.00E+00	2.81E-11
1329	463091.9	3772673	4.30E-10	0.00E+00	0.00E+00	0.00E+00	4.30E-10	6.58E-11	0.00E+00	0.00E+00	0.00E+00	6.58E-11	2.82E-11	0.00E+00	0.00E+00	0.00E+00	2.82E-11
1330	463100.3	3772677	4.31E-10	0.00E+00	0.00E+00	0.00E+00	4.31E-10	6.60E-11	0.00E+00	0.00E+00	0.00E+00	6.60E-11	2.83E-11	0.00E+00	0.00E+00	0.00E+00	2.83E-11
1331	463108.7	3772680	4.33E-10	0.00E+00	0.00E+00	0.00E+00	4.33E-10	6.63E-11	0.00E+00	0.00E+00	0.00E+00	6.63E-11	2.84E-11	0.00E+00	0.00E+00	0.00E+00	2.84E-11
1332	463117.1	3772684	4.35E-10	0.00E+00	0.00E+00	0.00E+00	4.35E-10	6.67E-11	0.00E+00	0.00E+00	0.00E+00	6.67E-11	2.86E-11	0.00E+00	0.00E+00	0.00E+00	2.86E-11
1333	463125.4	3772687	4.38E-10	0.00E+00	0.00E+00	0.00E+00	4.38E-10	6.71E-11	0.00E+00	0.00E+00	0.00E+00	6.71E-11	2.87E-11	0.00E+00	0.00E+00	0.00E+00	2.87E-11
1334	463133.8	3772691	4.41E-10	0.00E+00	0.00E+00	0.00E+00	4.41E-10	6.75E-11	0.00E+00	0.00E+00	0.00E+00	6.75E-11	2.89E-11	0.00E+00	0.00E+00	0.00E+00	2.89E-11
1335	463142.2	3772694	4.44E-10	0.00E+00	0.00E+00	0.00E+00	4.44E-10	6.79E-11	0.00E+00	0.00E+00	0.00E+00	6.79E-11	2.91E-11	0.00E+00	0.00E+00	0.00E+00	2.91E-11
1336	463150.6	3772697	4.47E-10	0.00E+00	0.00E+00	0.00E+00	4.47E-10	6.84E-11	0.00E+00	0.00E+00	0.00E+00	6.84E-11	2.93E-11	0.00E+00	0.00E+00	0.00E+00	2.93E-11
1337	463159	3772701	4.50E-10	0.00E+00	0.00E+00	0.00E+00	4.50E-10	6.89E-11	0.00E+00	0.00E+00	0.00E+00	6.89E-11	2.95E-11	0.00E+00	0.00E+00	0.00E+00	2.95E-11
1338	463167.4	3772704	4.53E-10	0.00E+00	0.00E+00	0.00E+00	4.53E-10	6.94E-11	0.00E+00	0.00E+00	0.00E+00	6.94E-11	2.97E-11	0.00E+00	0.00E+00	0.00E+00	2.97E-11
1339	463175.8	3772708	4.56E-10	0.00E+00	0.00E+00	0.00E+00	4.56E-10	6.99E-11	0.00E+00	0.00E+00	0.00E+00	6.99E-11	3.00E-11	0.00E+00	0.00E+00	0.00E+00	3.00E-11
1340	463184.2	3772711	4.60E-10	0.00E+00	0.00E+00	0.00E+00	4.60E-10	7.04E-11	0.00E+00	0.00E+00	0.00E+00	7.04E-11	3.02E-11	0.00E+00	0.00E+00	0.00E+00	3.02E-11

1341	463192.6	3772715	4.63E-10	0.00E+00	0.00E+00	0.00E+00	4.63E-10	7.09E-11	0.00E+00	0.00E+00	0.00E+00	7.09E-11	3.04E-11	0.00E+00	0.00E+00	0.00E+00	3.04E-11
1342	463201	3772718	4.67E-10	0.00E+00	0.00E+00	0.00E+00	4.67E-10	7.15E-11	0.00E+00	0.00E+00	0.00E+00	7.15E-11	3.06E-11	0.00E+00	0.00E+00	0.00E+00	3.06E-11
1343	463217.8	3772725	4.74E-10	0.00E+00	0.00E+00	0.00E+00	4.74E-10	7.26E-11	0.00E+00	0.00E+00	0.00E+00	7.26E-11	3.11E-11	0.00E+00	0.00E+00	0.00E+00	3.11E-11
1344	463226.2	3772729	4.78E-10	0.00E+00	0.00E+00	0.00E+00	4.78E-10	7.31E-11	0.00E+00	0.00E+00	0.00E+00	7.31E-11	3.13E-11	0.00E+00	0.00E+00	0.00E+00	3.13E-11
1345	463234.6	3772732	4.81E-10	0.00E+00	0.00E+00	0.00E+00	4.81E-10	7.36E-11	0.00E+00	0.00E+00	0.00E+00	7.36E-11	3.16E-11	0.00E+00	0.00E+00	0.00E+00	3.16E-11
1346	463243	3772735	4.85E-10	0.00E+00	0.00E+00	0.00E+00	4.85E-10	7.42E-11	0.00E+00	0.00E+00	0.00E+00	7.42E-11	3.18E-11	0.00E+00	0.00E+00	0.00E+00	3.18E-11
1347	463251.4	3772739	4.88E-10	0.00E+00	0.00E+00	0.00E+00	4.88E-10	7.47E-11	0.00E+00	0.00E+00	0.00E+00	7.47E-11	3.20E-11	0.00E+00	0.00E+00	0.00E+00	3.20E-11
1348	463259.8	3772742	4.92E-10	0.00E+00	0.00E+00	0.00E+00	4.92E-10	7.52E-11	0.00E+00	0.00E+00	0.00E+00	7.52E-11	3.23E-11	0.00E+00	0.00E+00	0.00E+00	3.23E-11
1349	463268.1	3772746	4.95E-10	0.00E+00	0.00E+00	0.00E+00	4.95E-10	7.58E-11	0.00E+00	0.00E+00	0.00E+00	7.58E-11	3.25E-11	0.00E+00	0.00E+00	0.00E+00	3.25E-11
1350	463276.5	3772749	4.98E-10	0.00E+00	0.00E+00	0.00E+00	4.98E-10	7.63E-11	0.00E+00	0.00E+00	0.00E+00	7.63E-11	3.27E-11	0.00E+00	0.00E+00	0.00E+00	3.27E-11
1351	463284.9	3772753	5.02E-10	0.00E+00	0.00E+00	0.00E+00	5.02E-10	7.68E-11	0.00E+00	0.00E+00	0.00E+00	7.68E-11	3.29E-11	0.00E+00	0.00E+00	0.00E+00	3.29E-11
1352	463293.3	3772756	5.05E-10	0.00E+00	0.00E+00	0.00E+00	5.05E-10	7.74E-11	0.00E+00	0.00E+00	0.00E+00	7.74E-11	3.32E-11	0.00E+00	0.00E+00	0.00E+00	3.32E-11
1353	463301.7	3772760	5.09E-10	0.00E+00	0.00E+00	0.00E+00	5.09E-10	7.79E-11	0.00E+00	0.00E+00	0.00E+00	7.79E-11	3.34E-11	0.00E+00	0.00E+00	0.00E+00	3.34E-11
1354	463310.1	3772763	5.12E-10	0.00E+00	0.00E+00	0.00E+00	5.12E-10	7.84E-11	0.00E+00	0.00E+00	0.00E+00	7.84E-11	3.36E-11	0.00E+00	0.00E+00	0.00E+00	3.36E-11
1355	463318.5	3772767	5.15E-10	0.00E+00	0.00E+00	0.00E+00	5.15E-10	7.89E-11	0.00E+00	0.00E+00	0.00E+00	7.89E-11	3.38E-11	0.00E+00	0.00E+00	0.00E+00	3.38E-11
1356	463326.9	3772770	5.18E-10	0.00E+00	0.00E+00	0.00E+00	5.18E-10	7.94E-11	0.00E+00	0.00E+00	0.00E+00	7.94E-11	3.40E-11	0.00E+00	0.00E+00	0.00E+00	3.40E-11
1357	463335.3	3772773	5.22E-10	0.00E+00	0.00E+00	0.00E+00	5.22E-10	7.98E-11	0.00E+00	0.00E+00	0.00E+00	7.98E-11	3.42E-11	0.00E+00	0.00E+00	0.00E+00	3.42E-11
1358	463343.7	3772777	5.25E-10	0.00E+00	0.00E+00	0.00E+00	5.25E-10	8.03E-11	0.00E+00	0.00E+00	0.00E+00	8.03E-11	3.44E-11	0.00E+00	0.00E+00	0.00E+00	3.44E-11
1359	463352.1	3772780	5.28E-10	0.00E+00	0.00E+00	0.00E+00	5.28E-10	8.08E-11	0.00E+00	0.00E+00	0.00E+00	8.08E-11	3.46E-11	0.00E+00	0.00E+00	0.00E+00	3.46E-11
1360	463360.5	3772784	5.31E-10	0.00E+00	0.00E+00	0.00E+00	5.31E-10	8.13E-11	0.00E+00	0.00E+00	0.00E+00	8.13E-11	3.49E-11	0.00E+00	0.00E+00	0.00E+00	3.49E-11
1361	463372.4	3772796	5.52E-10	0.00E+00	0.00E+00	0.00E+00	5.52E-10	8.45E-11	0.00E+00	0.00E+00	0.00E+00	8.45E-11	3.62E-11	0.00E+00	0.00E+00	0.00E+00	3.62E-11
1362	463379.4	3772812	5.90E-10	0.00E+00	0.00E+00	0.00E+00	5.90E-10	9.03E-11	0.00E+00	0.00E+00	0.00E+00	9.03E-11	3.87E-11	0.00E+00	0.00E+00	0.00E+00	3.87E-11
1363	463386.3	3772829	6.32E-10	0.00E+00	0.00E+00	0.00E+00	6.32E-10	9.67E-11	0.00E+00	0.00E+00	0.00E+00	9.67E-11	4.15E-11	0.00E+00	0.00E+00	0.00E+00	4.15E-11
1364	463393.3	3772846	6.79E-10	0.00E+00	0.00E+00	0.00E+00	6.79E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	1.04E-10	4.45E-11	0.00E+00	0.00E+00	0.00E+00	4.45E-11
1365	463400.3	3772863	7.30E-10	0.00E+00	0.00E+00	0.00E+00	7.30E-10	1.12E-10	0.00E+00	0.00E+00	0.00E+00	1.12E-10	4.79E-11	0.00E+00	0.00E+00	0.00E+00	4.79E-11
1366	463452.7	3772988	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09	2.08E-10	0.00E+00	0.00E+00	0.00E+00	2.08E-10	8.91E-11	0.00E+00	0.00E+00	0.00E+00	8.91E-11
1367	463459.6	3773005	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09	2.27E-10	0.00E+00	0.00E+00	0.00E+00	2.27E-10	9.74E-11	0.00E+00	0.00E+00	0.00E+00	9.74E-11
1368	463466.6	3773022	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09	2.49E-10	0.00E+00	0.00E+00	0.00E+00	2.49E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	1.07E-10
1369	463473.6	3773039	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	2.72E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10
1370	463480.6	3773055	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09	2.97E-10	0.00E+00	0.00E+00	0.00E+00	2.97E-10	1.27E-10	0.00E+00	0.00E+00	0.00E+00	1.27E-10
1371	463487.6	3773072	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09	3.23E-10	0.00E+00	0.00E+00	0.00E+00	3.23E-10	1.39E-10	0.00E+00	0.00E+00	0.00E+00	1.39E-10
1372	463494.6	3773089	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09	3.51E-10	0.00E+00	0.00E+00	0.00E+00	3.51E-10	1.50E-10	0.00E+00	0.00E+00	0.00E+00	1.50E-10
1373	463501.5	3773106	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09	3.80E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-10	1.63E-10	0.00E+00	0.00E+00	0.00E+00	1.63E-10
1374	463508.5	3773122	2.67E-09	0.00E+00	0.00E+00	0.00E+00	2.67E-09	4.09E-10	0.00E+00	0.00E+00	0.00E+00	4.09E-10	1.75E-10	0.00E+00	0.00E+00	0.00E+00	1.75E-10
1375	463032.8	3772619	3.86E-10	0.00E+00	0.00E+00	0.00E+00	3.86E-10	5.91E-11	0.00E+00	0.00E+00	0.00E+00	5.91E-11	2.53E-11	0.00E+00	0.00E+00	0.00E+00	2.53E-11
1376	463049.4	3772626	3.84E-10	0.00E+00	0.00E+00	0.00E+00	3.84E-10	5.87E-11	0.00E+00	0.00E+00	0.00E+00	5.87E-11	2.52E-11	0.00E+00	0.00E+00	0.00E+00	2.52E-11
1377	463057.7	3772629	3.83E-10	0.00E+00	0.00E+00	0.00E+00	3.83E-10	5.86E-11	0.00E+00	0.00E+00	0.00E+00	5.86E-11	2.51E-11	0.00E+00	0.00E+00	0.00E+00	2.51E-11
1378	463074.3	3772636	3.83E-10	0.00E+00	0.00E+00	0.00E+00	3.83E-10	5.86E-11	0.00E+00	0.00E+00	0.00E+00	5.86E-11	2.51E-11	0.00E+00	0.00E+00	0.00E+00	2.51E-11
1379	463091	3772643	3.85E-10	0.00E+00	0.00E+00	0.00E+00	3.85E-10	5.89E-11	0.00E+00	0.00E+00	0.00E+00	5.89E-11	2.52E-11	0.00E+00	0.00E+00	0.00E+00	2.52E-11
1380	463099.3	3772646	3.86E-10	0.00E+00	0.00E+00	0.00E+00	3.86E-10	5.91E-11	0.00E+00	0.00E+00	0.00E+00	5.91E-11	2.53E-11	0.00E+00	0.00E+00	0.00E+00	2.53E-11
1381	463107.6	3772650	3.87E-10	0.00E+00	0.00E+00	0.00E+00	3.87E-10	5.93E-11	0.00E+00	0.00E+00	0.00E+00	5.93E-11	2.54E-11	0.00E+00	0.00E+00	0.00E+00	2.54E-11
1382	463115.9	3772653	3.89E-10	0.00E+00	0.00E+00	0.00E+00	3.89E-10	5.95E-11	0.00E+00	0.00E+00	0.00E+00	5.95E-11	2.55E-11	0.00E+00	0.00E+00	0.00E+00	2.55E-11
1383	463132.5	3772660	3.93E-10	0.00E+00	0.00E+00	0.00E+00	3.93E-10	6.02E-11	0.00E+00	0.00E+00	0.00E+00	6.02E-11	2.58E-11	0.00E+00	0.00E+00	0.00E+00	2.58E-11
1384	463149.1	3772667	3.98E-10	0.00E+00	0.00E+00	0.00E+00	3.98E-10	6.09E-11	0.00E+00	0.00E+00	0.00E+00	6.09E-11	2.61E-11	0.00E+00	0.00E+00	0.00E+00	2.61E-11
1385	463157.4	3772670	4.01E-10	0.00E+00	0.00E+00	0.00E+00	4.01E-10	6.13E-11	0.00E+00	0.00E+00	0.00E+00	6.13E-11	2.63E-11	0.00E+00	0.00E+00	0.00E+00	2.63E-11
1386	463165.7	3772674	4.03E-10	0.00E+00	0.00E+00	0.00E+00	4.03E-10	6.17E-11	0.00E+00	0.00E+00	0.00E+00	6.17E-11	2.65E-11	0.00E+00	0.00E+00	0.00E+00	2.65E-11
1387	463182.3	3772681	4.09E-10	0.00E+00	0.00E+00	0.00E+00	4.09E-10	6.26E-11	0.00E+00	0.00E+00	0.00E+00	6.26E-11	2.68E-11	0.00E+00	0.00E+00	0.00E+00	2.68E-11
1388	463190.6	3772684	4.12E-10	0.00E+00	0.00E+00	0.00E+00	4.12E-10	6.30E-11	0.00E+00	0.00E+00	0.00E+00	6.30E-11	2.70E-11	0.00E+00	0.00E+00	0.00E+00	2.70E-11
1389	463207.3	3772691	4.17E-10	0.00E+00	0.00E+00	0.00E+00	4.17E-10	6.39E-11	0.00E+00	0.00E+00	0.00E+00	6.39E-11	2.74E-11	0.00E+00	0.00E+00	0.00E+00	2.74E-11
1390	463215.6	3772694	4.20E-10	0.00E+00	0.00E+00	0.00E+00	4.20E-10	6.44E-11	0.00E+00	0.00E+00	0.00E+00	6.44E-11	2.76E-11	0.00E+00	0.00E+00	0.00E+00	2.76E-11
1391	463232.2	3772701	4.26E-10	0.00E+00	0.00E+00	0.00E+00	4.26E-10	6.52E-11	0.00E+00	0.00E+00	0.00E+00	6.52E-11	2.80E-11	0.00E+00	0.00E+00	0.00E+00	2.80E-11
1392	463240.5	3772704	4.29E-10	0.00E+00	0.00E+00	0.00E+00	4.29E-10	6.57E-11	0.00E+00	0.00E+00	0.00E+00	6.57E-11	2.82E-11	0.00E+00	0.00E+00	0.00E+00	2.82E-11
1393	463257.1	3772711	4.35E-10	0.00E+00	0.00E+00	0.00E+00	4.35E-10	6.66E-11	0.00E+00	0.00E+00	0.00E+00	6.66E-11	2.85E-11	0.00E+00	0.00E+00	0.00E+00	2.85E-11
1394	463273.7	3772718	4.40E-10	0.00E+00	0.00E+00	0.00E+00	4.40E-10	6.74E-11	0.00E+00	0.00E+00	0.00E+00	6.74E-11	2.89E-11	0.00E+00	0.00E+00	0.00E+00	2.89E-11
1395	463290.3	3772725	4.46E-10	0.00E+00	0.00E+00	0.00E+00	4.46E-10	6.83E-11	0.00E+00	0.00E+00	0.00E+00	6.83E-11	2.93E-11	0.00E+00	0.00E+00	0.00E+00	2.93E-11
1396	463298.7	3772728	4.49E-10	0.00E+00	0.00E+00	0.00E+00	4.49E-10	6.87E-11	0.00E+00	0.00E+00	0.00E+00	6.87E-11	2.95E-11	0.00E+00	0.00E+00	0.00E+00	2.95E-11

1397	463315.3	3772735	4.54E-10	0.00E+00	0.00E+00	0.00E+00	4.54E-10		6.95E-11	0.00E+00	0.00E+00	0.00E+00	6.95E-11		2.98E-11	0.00E+00	0.00E+00	0.00E+00	2.98E-11
1398	463331.9	3772742	4.60E-10	0.00E+00	0.00E+00	0.00E+00	4.60E-10		7.04E-11	0.00E+00	0.00E+00	0.00E+00	7.04E-11		3.02E-11	0.00E+00	0.00E+00	0.00E+00	3.02E-11
1399	463340.2	3772746	4.63E-10	0.00E+00	0.00E+00	0.00E+00	4.63E-10		7.08E-11	0.00E+00	0.00E+00	0.00E+00	7.08E-11		3.04E-11	0.00E+00	0.00E+00	0.00E+00	3.04E-11
1400	463348.5	3772749	4.65E-10	0.00E+00	0.00E+00	0.00E+00	4.65E-10		7.12E-11	0.00E+00	0.00E+00	0.00E+00	7.12E-11		3.05E-11	0.00E+00	0.00E+00	0.00E+00	3.05E-11
1401	463365.1	3772756	4.71E-10	0.00E+00	0.00E+00	0.00E+00	4.71E-10		7.20E-11	0.00E+00	0.00E+00	0.00E+00	7.20E-11		3.09E-11	0.00E+00	0.00E+00	0.00E+00	3.09E-11
1402	463373.4	3772759	4.73E-10	0.00E+00	0.00E+00	0.00E+00	4.73E-10		7.24E-11	0.00E+00	0.00E+00	0.00E+00	7.24E-11		3.10E-11	0.00E+00	0.00E+00	0.00E+00	3.10E-11
1403	463393.5	3772774	4.93E-10	0.00E+00	0.00E+00	0.00E+00	4.93E-10		7.54E-11	0.00E+00	0.00E+00	0.00E+00	7.54E-11		3.23E-11	0.00E+00	0.00E+00	0.00E+00	3.23E-11
1404	463400.4	3772791	5.24E-10	0.00E+00	0.00E+00	0.00E+00	5.24E-10		8.02E-11	0.00E+00	0.00E+00	0.00E+00	8.02E-11		3.44E-11	0.00E+00	0.00E+00	0.00E+00	3.44E-11
1405	463459.2	3772932	9.58E-10	0.00E+00	0.00E+00	0.00E+00	9.58E-10		1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10		6.29E-11	0.00E+00	0.00E+00	0.00E+00	6.29E-11
1406	463466.1	3772949	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09		1.59E-10	0.00E+00	0.00E+00	0.00E+00	1.59E-10		6.82E-11	0.00E+00	0.00E+00	0.00E+00	6.82E-11
1407	463473	3772965	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09		1.73E-10	0.00E+00	0.00E+00	0.00E+00	1.73E-10		7.40E-11	0.00E+00	0.00E+00	0.00E+00	7.40E-11
1408	463476.4	3772973	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09		1.80E-10	0.00E+00	0.00E+00	0.00E+00	1.80E-10		7.71E-11	0.00E+00	0.00E+00	0.00E+00	7.71E-11
1409	463483.3	3772990	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09		1.95E-10	0.00E+00	0.00E+00	0.00E+00	1.95E-10		8.38E-11	0.00E+00	0.00E+00	0.00E+00	8.38E-11
1410	463490.3	3773007	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09		2.13E-10	0.00E+00	0.00E+00	0.00E+00	2.13E-10		9.11E-11	0.00E+00	0.00E+00	0.00E+00	9.11E-11
1411	463497.2	3773023	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09		2.31E-10	0.00E+00	0.00E+00	0.00E+00	2.31E-10		9.92E-11	0.00E+00	0.00E+00	0.00E+00	9.92E-11
1412	463504.1	3773040	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09		2.51E-10	0.00E+00	0.00E+00	0.00E+00	2.51E-10		1.08E-10	0.00E+00	0.00E+00	0.00E+00	1.08E-10
1413	463511	3773056	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09		2.73E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-10		1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10
1414	463517.9	3773073	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09		2.95E-10	0.00E+00	0.00E+00	0.00E+00	2.95E-10		1.27E-10	0.00E+00	0.00E+00	0.00E+00	1.27E-10
1415	463524.8	3773090	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09		3.19E-10	0.00E+00	0.00E+00	0.00E+00	3.19E-10		1.37E-10	0.00E+00	0.00E+00	0.00E+00	1.37E-10
1416	463531.7	3773106	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09		3.43E-10	0.00E+00	0.00E+00	0.00E+00	3.43E-10		1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10
1417	463535.2	3773114	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09		3.55E-10	0.00E+00	0.00E+00	0.00E+00	3.55E-10		1.52E-10	0.00E+00	0.00E+00	0.00E+00	1.52E-10
1418	463542.1	3773131	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09		3.80E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-10		1.63E-10	0.00E+00	0.00E+00	0.00E+00	1.63E-10
1419	463033	3772589	3.48E-10	0.00E+00	0.00E+00	0.00E+00	3.48E-10		5.33E-11	0.00E+00	0.00E+00	0.00E+00	5.33E-11		2.28E-11	0.00E+00	0.00E+00	0.00E+00	2.28E-11
1420	463041.4	3772592	3.47E-10	0.00E+00	0.00E+00	0.00E+00	3.47E-10		5.31E-11	0.00E+00	0.00E+00	0.00E+00	5.31E-11		2.28E-11	0.00E+00	0.00E+00	0.00E+00	2.28E-11
1421	463049.8	3772596	3.46E-10	0.00E+00	0.00E+00	0.00E+00	3.46E-10		5.30E-11	0.00E+00	0.00E+00	0.00E+00	5.30E-11		2.27E-11	0.00E+00	0.00E+00	0.00E+00	2.27E-11
1422	463058.2	3772599	3.45E-10	0.00E+00	0.00E+00	0.00E+00	3.45E-10		5.29E-11	0.00E+00	0.00E+00	0.00E+00	5.29E-11		2.27E-11	0.00E+00	0.00E+00	0.00E+00	2.27E-11
1423	463066.6	3772603	3.45E-10	0.00E+00	0.00E+00	0.00E+00	3.45E-10		5.29E-11	0.00E+00	0.00E+00	0.00E+00	5.29E-11		2.27E-11	0.00E+00	0.00E+00	0.00E+00	2.27E-11
1424	463075	3772606	3.45E-10	0.00E+00	0.00E+00	0.00E+00	3.45E-10		5.29E-11	0.00E+00	0.00E+00	0.00E+00	5.29E-11		2.27E-11	0.00E+00	0.00E+00	0.00E+00	2.27E-11
1425	463083.4	3772610	3.46E-10	0.00E+00	0.00E+00	0.00E+00	3.46E-10		5.30E-11	0.00E+00	0.00E+00	0.00E+00	5.30E-11		2.27E-11	0.00E+00	0.00E+00	0.00E+00	2.27E-11
1426	463091.8	3772613	3.47E-10	0.00E+00	0.00E+00	0.00E+00	3.47E-10		5.31E-11	0.00E+00	0.00E+00	0.00E+00	5.31E-11		2.28E-11	0.00E+00	0.00E+00	0.00E+00	2.28E-11
1427	463100.3	3772617	3.48E-10	0.00E+00	0.00E+00	0.00E+00	3.48E-10		5.32E-11	0.00E+00	0.00E+00	0.00E+00	5.32E-11		2.28E-11	0.00E+00	0.00E+00	0.00E+00	2.28E-11
1428	463108.7	3772620	3.49E-10	0.00E+00	0.00E+00	0.00E+00	3.49E-10		5.34E-11	0.00E+00	0.00E+00	0.00E+00	5.34E-11		2.29E-11	0.00E+00	0.00E+00	0.00E+00	2.29E-11
1429	463117.1	3772624	3.51E-10	0.00E+00	0.00E+00	0.00E+00	3.51E-10		5.37E-11	0.00E+00	0.00E+00	0.00E+00	5.37E-11		2.30E-11	0.00E+00	0.00E+00	0.00E+00	2.30E-11
1430	463125.5	3772627	3.52E-10	0.00E+00	0.00E+00	0.00E+00	3.52E-10		5.39E-11	0.00E+00	0.00E+00	0.00E+00	5.39E-11		2.31E-11	0.00E+00	0.00E+00	0.00E+00	2.31E-11
1431	463133.9	3772631	3.54E-10	0.00E+00	0.00E+00	0.00E+00	3.54E-10		5.42E-11	0.00E+00	0.00E+00	0.00E+00	5.42E-11		2.32E-11	0.00E+00	0.00E+00	0.00E+00	2.32E-11
1432	463142.3	3772634	3.56E-10	0.00E+00	0.00E+00	0.00E+00	3.56E-10		5.45E-11	0.00E+00	0.00E+00	0.00E+00	5.45E-11		2.34E-11	0.00E+00	0.00E+00	0.00E+00	2.34E-11
1433	463150.7	3772637	3.58E-10	0.00E+00	0.00E+00	0.00E+00	3.58E-10		5.48E-11	0.00E+00	0.00E+00	0.00E+00	5.48E-11		2.35E-11	0.00E+00	0.00E+00	0.00E+00	2.35E-11
1434	463159.1	3772641	3.60E-10	0.00E+00	0.00E+00	0.00E+00	3.60E-10		5.52E-11	0.00E+00	0.00E+00	0.00E+00	5.52E-11		2.37E-11	0.00E+00	0.00E+00	0.00E+00	2.37E-11
1435	463167.5	3772644	3.63E-10	0.00E+00	0.00E+00	0.00E+00	3.63E-10		5.55E-11	0.00E+00	0.00E+00	0.00E+00	5.55E-11		2.38E-11	0.00E+00	0.00E+00	0.00E+00	2.38E-11
1436	463175.9	3772648	3.65E-10	0.00E+00	0.00E+00	0.00E+00	3.65E-10		5.59E-11	0.00E+00	0.00E+00	0.00E+00	5.59E-11		2.40E-11	0.00E+00	0.00E+00	0.00E+00	2.40E-11
1437	463184.3	3772651	3.67E-10	0.00E+00	0.00E+00	0.00E+00	3.67E-10		5.63E-11	0.00E+00	0.00E+00	0.00E+00	5.63E-11		2.41E-11	0.00E+00	0.00E+00	0.00E+00	2.41E-11
1438	463192.7	3772655	3.70E-10	0.00E+00	0.00E+00	0.00E+00	3.70E-10		5.66E-11	0.00E+00	0.00E+00	0.00E+00	5.66E-11		2.43E-11	0.00E+00	0.00E+00	0.00E+00	2.43E-11
1439	463201.1	3772658	3.72E-10	0.00E+00	0.00E+00	0.00E+00	3.72E-10		5.70E-11	0.00E+00	0.00E+00	0.00E+00	5.70E-11		2.44E-11	0.00E+00	0.00E+00	0.00E+00	2.44E-11
1440	463209.5	3772662	3.75E-10	0.00E+00	0.00E+00	0.00E+00	3.75E-10		5.74E-11	0.00E+00	0.00E+00	0.00E+00	5.74E-11		2.46E-11	0.00E+00	0.00E+00	0.00E+00	2.46E-11
1441	463217.9	3772665	3.77E-10	0.00E+00	0.00E+00	0.00E+00	3.77E-10		5.77E-11	0.00E+00	0.00E+00	0.00E+00	5.77E-11		2.48E-11	0.00E+00	0.00E+00	0.00E+00	2.48E-11
1442	463226.3	3772669	3.80E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-10		5.81E-11	0.00E+00	0.00E+00	0.00E+00	5.81E-11		2.49E-11	0.00E+00	0.00E+00	0.00E+00	2.49E-11
1443	463234.7	3772672	3.82E-10	0.00E+00	0.00E+00	0.00E+00	3.82E-10		5.85E-11	0.00E+00	0.00E+00	0.00E+00	5.85E-11		2.51E-11	0.00E+00	0.00E+00	0.00E+00	2.51E-11
1444	463243.1	3772676	3.85E-10	0.00E+00	0.00E+00	0.00E+00	3.85E-10		5.89E-11	0.00E+00	0.00E+00	0.00E+00	5.89E-11		2.52E-11	0.00E+00	0.00E+00	0.00E+00	2.52E-11
1445	463251.5	3772679	3.87E-10	0.00E+00	0.00E+00	0.00E+00	3.87E-10		5.92E-11	0.00E+00	0.00E+00	0.00E+00	5.92E-11		2.54E-11	0.00E+00	0.00E+00	0.00E+00	2.54E-11
1446	463259.9	3772682	3.89E-10	0.00E+00	0.00E+00	0.00E+00	3.89E-10		5.96E-11	0.00E+00	0.00E+00	0.00E+00	5.96E-11		2.56E-11	0.00E+00	0.00E+00	0.00E+00	2.56E-11
1447	463268.3	3772686	3.92E-10	0.00E+00	0.00E+00	0.00E+00	3.92E-10		6.00E-11	0.00E+00	0.00E+00	0.00E+00	6.00E-11		2.57E-11	0.00E+00	0.00E+00	0.00E+00	2.57E-11
1448	463276.7	3772689	3.94E-10	0.00E+00	0.00E+00	0.00E+00	3.94E-10		6.04E-11	0.00E+00	0.00E+00	0.00E+00	6.04E-11		2.59E-11	0.00E+00	0.00E+00	0.00E+00	2.59E-11
1449	463285.2	3772693	3.97E-10	0.00E+00	0.00E+00	0.00E+00	3.97E-10		6.07E-11	0.00E+00	0.00E+00	0.00E+00	6.07E-11		2.60E-11	0.00E+00	0.00E+00	0.00E+00	2.60E-11
1450	463293.6	3772696	3.99E-10	0.00E+00	0.00E+00	0.00E+00	3.99E-10		6.11E-11	0.00E+00	0.00E+00	0.00E+00	6.11E-11		2.62E-11	0.00E+00	0.00E+00	0.00E+00	2.62E-11
1451	463302	3772700	4.01E-10	0.00E+00	0.00E+00	0.00E+00	4.01E-10		6.14E-11	0.00E+00	0.00E+00	0.00E+00	6.14E-11		2.63E-11	0.00E+00	0.00E+00	0.00E+00	2.63E-11
1452	463310.4	3772703	4.04E-10	0.00E+00	0.00E+00	0.00E+00	4.04E-10		6.18E-11	0.00E+00	0.00E+00	0.00E+00	6.18E-11		2.65E-11	0.00E+00	0.00E+00	0.00E+00	2.65E-11

1453	463318.8	3772707	4.06E-10	0.00E+00	0.00E+00	0.00E+00	4.06E-10	6.22E-11	0.00E+00	0.00E+00	0.00E+00	6.22E-11	2.67E-11	0.00E+00	0.00E+00	0.00E+00	2.67E-11
1454	463327.2	3772710	4.08E-10	0.00E+00	0.00E+00	0.00E+00	4.08E-10	6.25E-11	0.00E+00	0.00E+00	0.00E+00	6.25E-11	2.68E-11	0.00E+00	0.00E+00	0.00E+00	2.68E-11
1455	463335.6	3772714	4.11E-10	0.00E+00	0.00E+00	0.00E+00	4.11E-10	6.29E-11	0.00E+00	0.00E+00	0.00E+00	6.29E-11	2.70E-11	0.00E+00	0.00E+00	0.00E+00	2.70E-11
1456	463344	3772717	4.13E-10	0.00E+00	0.00E+00	0.00E+00	4.13E-10	6.32E-11	0.00E+00	0.00E+00	0.00E+00	6.32E-11	2.71E-11	0.00E+00	0.00E+00	0.00E+00	2.71E-11
1457	463352.4	3772721	4.15E-10	0.00E+00	0.00E+00	0.00E+00	4.15E-10	6.36E-11	0.00E+00	0.00E+00	0.00E+00	6.36E-11	2.73E-11	0.00E+00	0.00E+00	0.00E+00	2.73E-11
1458	463360.8	3772724	4.18E-10	0.00E+00	0.00E+00	0.00E+00	4.18E-10	6.39E-11	0.00E+00	0.00E+00	0.00E+00	6.39E-11	2.74E-11	0.00E+00	0.00E+00	0.00E+00	2.74E-11
1459	463369.2	3772727	4.20E-10	0.00E+00	0.00E+00	0.00E+00	4.20E-10	6.43E-11	0.00E+00	0.00E+00	0.00E+00	6.43E-11	2.76E-11	0.00E+00	0.00E+00	0.00E+00	2.76E-11
1460	463377.6	3772731	4.22E-10	0.00E+00	0.00E+00	0.00E+00	4.22E-10	6.46E-11	0.00E+00	0.00E+00	0.00E+00	6.46E-11	2.77E-11	0.00E+00	0.00E+00	0.00E+00	2.77E-11
1461	463386	3772734	4.24E-10	0.00E+00	0.00E+00	0.00E+00	4.24E-10	6.50E-11	0.00E+00	0.00E+00	0.00E+00	6.50E-11	2.78E-11	0.00E+00	0.00E+00	0.00E+00	2.78E-11
1462	463394.4	3772738	4.27E-10	0.00E+00	0.00E+00	0.00E+00	4.27E-10	6.53E-11	0.00E+00	0.00E+00	0.00E+00	6.53E-11	2.80E-11	0.00E+00	0.00E+00	0.00E+00	2.80E-11
1463	463402.8	3772741	4.29E-10	0.00E+00	0.00E+00	0.00E+00	4.29E-10	6.56E-11	0.00E+00	0.00E+00	0.00E+00	6.56E-11	2.81E-11	0.00E+00	0.00E+00	0.00E+00	2.81E-11
1464	463439.2	3772812	5.48E-10	0.00E+00	0.00E+00	0.00E+00	5.48E-10	8.39E-11	0.00E+00	0.00E+00	0.00E+00	8.39E-11	3.60E-11	0.00E+00	0.00E+00	0.00E+00	3.60E-11
1465	463446.2	3772829	5.85E-10	0.00E+00	0.00E+00	0.00E+00	5.85E-10	8.95E-11	0.00E+00	0.00E+00	0.00E+00	8.95E-11	3.84E-11	0.00E+00	0.00E+00	0.00E+00	3.84E-11
1466	463453.2	3772845	6.25E-10	0.00E+00	0.00E+00	0.00E+00	6.25E-10	9.57E-11	0.00E+00	0.00E+00	0.00E+00	9.57E-11	4.10E-11	0.00E+00	0.00E+00	0.00E+00	4.10E-11
1467	463460.2	3772862	6.70E-10	0.00E+00	0.00E+00	0.00E+00	6.70E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	1.02E-10	4.39E-11	0.00E+00	0.00E+00	0.00E+00	4.39E-11
1468	463463.6	3772871	6.93E-10	0.00E+00	0.00E+00	0.00E+00	6.93E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	1.06E-10	4.55E-11	0.00E+00	0.00E+00	0.00E+00	4.55E-11
1469	463491.6	3772938	9.32E-10	0.00E+00	0.00E+00	0.00E+00	9.32E-10	1.43E-10	0.00E+00	0.00E+00	0.00E+00	1.43E-10	6.12E-11	0.00E+00	0.00E+00	0.00E+00	6.12E-11
1470	463495.1	3772946	9.69E-10	0.00E+00	0.00E+00	0.00E+00	9.69E-10	1.48E-10	0.00E+00	0.00E+00	0.00E+00	1.48E-10	6.36E-11	0.00E+00	0.00E+00	0.00E+00	6.36E-11
1471	463502.1	3772963	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09	1.61E-10	0.00E+00	0.00E+00	0.00E+00	1.61E-10	6.88E-11	0.00E+00	0.00E+00	0.00E+00	6.88E-11
1472	463509.1	3772980	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09	1.74E-10	0.00E+00	0.00E+00	0.00E+00	1.74E-10	7.45E-11	0.00E+00	0.00E+00	0.00E+00	7.45E-11
1473	463516.1	3772996	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09	1.88E-10	0.00E+00	0.00E+00	0.00E+00	1.88E-10	8.07E-11	0.00E+00	0.00E+00	0.00E+00	8.07E-11
1474	463523.1	3773013	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	2.04E-10	0.00E+00	0.00E+00	0.00E+00	2.04E-10	8.76E-11	0.00E+00	0.00E+00	0.00E+00	8.76E-11
1475	463526.6	3773022	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09	2.13E-10	0.00E+00	0.00E+00	0.00E+00	2.13E-10	9.12E-11	0.00E+00	0.00E+00	0.00E+00	9.12E-11
1476	463533.6	3773038	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09	2.30E-10	0.00E+00	0.00E+00	0.00E+00	2.30E-10	9.87E-11	0.00E+00	0.00E+00	0.00E+00	9.87E-11
1477	463540.5	3773055	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09	2.49E-10	0.00E+00	0.00E+00	0.00E+00	2.49E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	1.07E-10
1478	463547.5	3773072	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09	2.69E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-10
1479	463551	3773080	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09	2.79E-10	0.00E+00	0.00E+00	0.00E+00	2.79E-10	1.20E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-10
1480	463558	3773097	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09	3.00E-10	0.00E+00	0.00E+00	0.00E+00	3.00E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	1.28E-10
1481	463565	3773114	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09	3.21E-10	0.00E+00	0.00E+00	0.00E+00	3.21E-10	1.37E-10	0.00E+00	0.00E+00	0.00E+00	1.37E-10
1482	463572	3773131	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09	3.42E-10	0.00E+00	0.00E+00	0.00E+00	3.42E-10	1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10
1483	463032.7	3772559	3.16E-10	0.00E+00	0.00E+00	0.00E+00	3.16E-10	4.84E-11	0.00E+00	0.00E+00	0.00E+00	4.84E-11	2.07E-11	0.00E+00	0.00E+00	0.00E+00	2.07E-11
1484	463049.4	3772566	3.14E-10	0.00E+00	0.00E+00	0.00E+00	3.14E-10	4.81E-11	0.00E+00	0.00E+00	0.00E+00	4.81E-11	2.06E-11	0.00E+00	0.00E+00	0.00E+00	2.06E-11
1485	463057.7	3772569	3.14E-10	0.00E+00	0.00E+00	0.00E+00	3.14E-10	4.80E-11	0.00E+00	0.00E+00	0.00E+00	4.80E-11	2.06E-11	0.00E+00	0.00E+00	0.00E+00	2.06E-11
1486	463066	3772573	3.13E-10	0.00E+00	0.00E+00	0.00E+00	3.13E-10	4.80E-11	0.00E+00	0.00E+00	0.00E+00	4.80E-11	2.06E-11	0.00E+00	0.00E+00	0.00E+00	2.06E-11
1487	463082.7	3772580	3.14E-10	0.00E+00	0.00E+00	0.00E+00	3.14E-10	4.80E-11	0.00E+00	0.00E+00	0.00E+00	4.80E-11	2.06E-11	0.00E+00	0.00E+00	0.00E+00	2.06E-11
1488	463091	3772583	3.14E-10	0.00E+00	0.00E+00	0.00E+00	3.14E-10	4.81E-11	0.00E+00	0.00E+00	0.00E+00	4.81E-11	2.06E-11	0.00E+00	0.00E+00	0.00E+00	2.06E-11
1489	463107.7	3772590	3.16E-10	0.00E+00	0.00E+00	0.00E+00	3.16E-10	4.84E-11	0.00E+00	0.00E+00	0.00E+00	4.84E-11	2.08E-11	0.00E+00	0.00E+00	0.00E+00	2.08E-11
1490	463116	3772593	3.17E-10	0.00E+00	0.00E+00	0.00E+00	3.17E-10	4.86E-11	0.00E+00	0.00E+00	0.00E+00	4.86E-11	2.08E-11	0.00E+00	0.00E+00	0.00E+00	2.08E-11
1491	463124.3	3772597	3.19E-10	0.00E+00	0.00E+00	0.00E+00	3.19E-10	4.88E-11	0.00E+00	0.00E+00	0.00E+00	4.88E-11	2.09E-11	0.00E+00	0.00E+00	0.00E+00	2.09E-11
1492	463141	3772604	3.22E-10	0.00E+00	0.00E+00	0.00E+00	3.22E-10	4.93E-11	0.00E+00	0.00E+00	0.00E+00	4.93E-11	2.11E-11	0.00E+00	0.00E+00	0.00E+00	2.11E-11
1493	463149.3	3772607	3.24E-10	0.00E+00	0.00E+00	0.00E+00	3.24E-10	4.96E-11	0.00E+00	0.00E+00	0.00E+00	4.96E-11	2.13E-11	0.00E+00	0.00E+00	0.00E+00	2.13E-11
1494	463165.9	3772614	3.28E-10	0.00E+00	0.00E+00	0.00E+00	3.28E-10	5.02E-11	0.00E+00	0.00E+00	0.00E+00	5.02E-11	2.15E-11	0.00E+00	0.00E+00	0.00E+00	2.15E-11
1495	463174.3	3772617	3.30E-10	0.00E+00	0.00E+00	0.00E+00	3.30E-10	5.05E-11	0.00E+00	0.00E+00	0.00E+00	5.05E-11	2.16E-11	0.00E+00	0.00E+00	0.00E+00	2.16E-11
1496	463182.6	3772621	3.32E-10	0.00E+00	0.00E+00	0.00E+00	3.32E-10	5.08E-11	0.00E+00	0.00E+00	0.00E+00	5.08E-11	2.18E-11	0.00E+00	0.00E+00	0.00E+00	2.18E-11
1497	463199.2	3772628	3.36E-10	0.00E+00	0.00E+00	0.00E+00	3.36E-10	5.14E-11	0.00E+00	0.00E+00	0.00E+00	5.14E-11	2.20E-11	0.00E+00	0.00E+00	0.00E+00	2.20E-11
1498	463207.6	3772631	3.38E-10	0.00E+00	0.00E+00	0.00E+00	3.38E-10	5.17E-11	0.00E+00	0.00E+00	0.00E+00	5.17E-11	2.22E-11	0.00E+00	0.00E+00	0.00E+00	2.22E-11
1499	463224.2	3772638	3.42E-10	0.00E+00	0.00E+00	0.00E+00	3.42E-10	5.24E-11	0.00E+00	0.00E+00	0.00E+00	5.24E-11	2.25E-11	0.00E+00	0.00E+00	0.00E+00	2.25E-11
1500	463232.6	3772641	3.44E-10	0.00E+00	0.00E+00	0.00E+00	3.44E-10	5.27E-11	0.00E+00	0.00E+00	0.00E+00	5.27E-11	2.26E-11	0.00E+00	0.00E+00	0.00E+00	2.26E-11
1501	463240.9	3772645	3.46E-10	0.00E+00	0.00E+00	0.00E+00	3.46E-10	5.30E-11	0.00E+00	0.00E+00	0.00E+00	5.30E-11	2.27E-11	0.00E+00	0.00E+00	0.00E+00	2.27E-11
1502	463257.5	3772652	3.50E-10	0.00E+00	0.00E+00	0.00E+00	3.50E-10	5.36E-11	0.00E+00	0.00E+00	0.00E+00	5.36E-11	2.30E-11	0.00E+00	0.00E+00	0.00E+00	2.30E-11
1503	463265.9	3772655	3.52E-10	0.00E+00	0.00E+00	0.00E+00	3.52E-10	5.39E-11	0.00E+00	0.00E+00	0.00E+00	5.39E-11	2.31E-11	0.00E+00	0.00E+00	0.00E+00	2.31E-11
1504	463282.5	3772662	3.56E-10	0.00E+00	0.00E+00	0.00E+00	3.56E-10	5.45E-11	0.00E+00	0.00E+00	0.00E+00	5.45E-11	2.34E-11	0.00E+00	0.00E+00	0.00E+00	2.34E-11
1505	463290.8	3772665	3.58E-10	0.00E+00	0.00E+00	0.00E+00	3.58E-10	5.48E-11	0.00E+00	0.00E+00	0.00E+00	5.48E-11	2.35E-11	0.00E+00	0.00E+00	0.00E+00	2.35E-11
1506	463299.2	3772669	3.60E-10	0.00E+00	0.00E+00	0.00E+00	3.60E-10	5.51E-11	0.00E+00	0.00E+00	0.00E+00	5.51E-11	2.36E-11	0.00E+00	0.00E+00	0.00E+00	2.36E-11
1507	463315.8	3772676	3.64E-10	0.00E+00	0.00E+00	0.00E+00	3.64E-10	5.58E-11	0.00E+00	0.00E+00	0.00E+00	5.58E-11	2.39E-11	0.00E+00	0.00E+00	0.00E+00	2.39E-11
1508	463324.1	3772679	3.66E-10	0.00E+00	0.00E+00	0.00E+00	3.66E-10	5.60E-11	0.00E+00	0.00E+00	0.00E+00	5.60E-11	2.40E-11	0.00E+00	0.00E+00	0.00E+00	2.40E-11

1509	463340.8	3772686	3.70E-10	0.00E+00	0.00E+00	0.00E+00	3.70E-10		5.67E-11	0.00E+00	0.00E+00	0.00E+00	5.67E-11		2.43E-11	0.00E+00	0.00E+00	0.00E+00	2.43E-11
1510	463349.1	3772689	3.72E-10	0.00E+00	0.00E+00	0.00E+00	3.72E-10		5.70E-11	0.00E+00	0.00E+00	0.00E+00	5.70E-11		2.44E-11	0.00E+00	0.00E+00	0.00E+00	2.44E-11
1511	463357.5	3772693	3.74E-10	0.00E+00	0.00E+00	0.00E+00	3.74E-10		5.73E-11	0.00E+00	0.00E+00	0.00E+00	5.73E-11		2.45E-11	0.00E+00	0.00E+00	0.00E+00	2.45E-11
1512	463374.1	3772700	3.78E-10	0.00E+00	0.00E+00	0.00E+00	3.78E-10		5.78E-11	0.00E+00	0.00E+00	0.00E+00	5.78E-11		2.48E-11	0.00E+00	0.00E+00	0.00E+00	2.48E-11
1513	463382.4	3772703	3.80E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-10		5.81E-11	0.00E+00	0.00E+00	0.00E+00	5.81E-11		2.49E-11	0.00E+00	0.00E+00	0.00E+00	2.49E-11
1514	463399.1	3772710	3.84E-10	0.00E+00	0.00E+00	0.00E+00	3.84E-10		5.87E-11	0.00E+00	0.00E+00	0.00E+00	5.87E-11		2.52E-11	0.00E+00	0.00E+00	0.00E+00	2.52E-11
1515	463439.3	3772740	4.12E-10	0.00E+00	0.00E+00	0.00E+00	4.12E-10		6.31E-11	0.00E+00	0.00E+00	0.00E+00	6.31E-11		2.71E-11	0.00E+00	0.00E+00	0.00E+00	2.71E-11
1516	463446.2	3772757	4.36E-10	0.00E+00	0.00E+00	0.00E+00	4.36E-10		6.67E-11	0.00E+00	0.00E+00	0.00E+00	6.67E-11		2.86E-11	0.00E+00	0.00E+00	0.00E+00	2.86E-11
1517	463453.2	3772773	4.61E-10	0.00E+00	0.00E+00	0.00E+00	4.61E-10		7.06E-11	0.00E+00	0.00E+00	0.00E+00	7.06E-11		3.03E-11	0.00E+00	0.00E+00	0.00E+00	3.03E-11
1518	463460.1	3772790	4.89E-10	0.00E+00	0.00E+00	0.00E+00	4.89E-10		7.48E-11	0.00E+00	0.00E+00	0.00E+00	7.48E-11		3.21E-11	0.00E+00	0.00E+00	0.00E+00	3.21E-11
1519	463467	3772807	5.19E-10	0.00E+00	0.00E+00	0.00E+00	5.19E-10		7.94E-11	0.00E+00	0.00E+00	0.00E+00	7.94E-11		3.41E-11	0.00E+00	0.00E+00	0.00E+00	3.41E-11
1520	463473.9	3772823	5.52E-10	0.00E+00	0.00E+00	0.00E+00	5.52E-10		8.45E-11	0.00E+00	0.00E+00	0.00E+00	8.45E-11		3.62E-11	0.00E+00	0.00E+00	0.00E+00	3.62E-11
1521	463480.9	3772840	5.88E-10	0.00E+00	0.00E+00	0.00E+00	5.88E-10		9.00E-11	0.00E+00	0.00E+00	0.00E+00	9.00E-11		3.86E-11	0.00E+00	0.00E+00	0.00E+00	3.86E-11
1522	463487.8	3772857	6.27E-10	0.00E+00	0.00E+00	0.00E+00	6.27E-10		9.60E-11	0.00E+00	0.00E+00	0.00E+00	9.60E-11		4.12E-11	0.00E+00	0.00E+00	0.00E+00	4.12E-11
1523	463494.7	3772873	6.70E-10	0.00E+00	0.00E+00	0.00E+00	6.70E-10		1.03E-10	0.00E+00	0.00E+00	0.00E+00	1.03E-10		4.40E-11	0.00E+00	0.00E+00	0.00E+00	4.40E-11
1524	463522.4	3772940	8.89E-10	0.00E+00	0.00E+00	0.00E+00	8.89E-10		1.36E-10	0.00E+00	0.00E+00	0.00E+00	1.36E-10		5.84E-11	0.00E+00	0.00E+00	0.00E+00	5.84E-11
1525	463529.3	3772956	9.58E-10	0.00E+00	0.00E+00	0.00E+00	9.58E-10		1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10		6.28E-11	0.00E+00	0.00E+00	0.00E+00	6.28E-11
1526	463536.3	3772973	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09		1.58E-10	0.00E+00	0.00E+00	0.00E+00	1.58E-10		6.77E-11	0.00E+00	0.00E+00	0.00E+00	6.77E-11
1527	463543.2	3772990	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09		1.70E-10	0.00E+00	0.00E+00	0.00E+00	1.70E-10		7.31E-11	0.00E+00	0.00E+00	0.00E+00	7.31E-11
1528	463550.1	3773006	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09		1.84E-10	0.00E+00	0.00E+00	0.00E+00	1.84E-10		7.88E-11	0.00E+00	0.00E+00	0.00E+00	7.88E-11
1529	463557.1	3773023	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09		1.98E-10	0.00E+00	0.00E+00	0.00E+00	1.98E-10		8.50E-11	0.00E+00	0.00E+00	0.00E+00	8.50E-11
1530	463564	3773039	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09		2.14E-10	0.00E+00	0.00E+00	0.00E+00	2.14E-10		9.16E-11	0.00E+00	0.00E+00	0.00E+00	9.16E-11
1531	463570.9	3773056	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09		2.30E-10	0.00E+00	0.00E+00	0.00E+00	2.30E-10		9.85E-11	0.00E+00	0.00E+00	0.00E+00	9.85E-11
1532	463577.8	3773073	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09		2.47E-10	0.00E+00	0.00E+00	0.00E+00	2.47E-10		1.06E-10	0.00E+00	0.00E+00	0.00E+00	1.06E-10
1533	463584.8	3773089	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09		2.65E-10	0.00E+00	0.00E+00	0.00E+00	2.65E-10		1.13E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-10
1534	463591.7	3773106	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09		2.83E-10	0.00E+00	0.00E+00	0.00E+00	2.83E-10		1.21E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-10
1535	463598.6	3773123	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09		3.01E-10	0.00E+00	0.00E+00	0.00E+00	3.01E-10		1.29E-10	0.00E+00	0.00E+00	0.00E+00	1.29E-10
1536	463032.8	3772519	2.80E-10	0.00E+00	0.00E+00	0.00E+00	2.80E-10		4.29E-11	0.00E+00	0.00E+00	0.00E+00	4.29E-11		1.84E-11	0.00E+00	0.00E+00	0.00E+00	1.84E-11
1537	463041.2	3772522	2.79E-10	0.00E+00	0.00E+00	0.00E+00	2.79E-10		4.27E-11	0.00E+00	0.00E+00	0.00E+00	4.27E-11		1.83E-11	0.00E+00	0.00E+00	0.00E+00	1.83E-11
1538	463049.6	3772526	2.78E-10	0.00E+00	0.00E+00	0.00E+00	2.78E-10		4.26E-11	0.00E+00	0.00E+00	0.00E+00	4.26E-11		1.83E-11	0.00E+00	0.00E+00	0.00E+00	1.83E-11
1539	463058	3772529	2.78E-10	0.00E+00	0.00E+00	0.00E+00	2.78E-10		4.25E-11	0.00E+00	0.00E+00	0.00E+00	4.25E-11		1.82E-11	0.00E+00	0.00E+00	0.00E+00	1.82E-11
1540	463066.4	3772533	2.78E-10	0.00E+00	0.00E+00	0.00E+00	2.78E-10		4.25E-11	0.00E+00	0.00E+00	0.00E+00	4.25E-11		1.82E-11	0.00E+00	0.00E+00	0.00E+00	1.82E-11
1541	463074.8	3772536	2.78E-10	0.00E+00	0.00E+00	0.00E+00	2.78E-10		4.25E-11	0.00E+00	0.00E+00	0.00E+00	4.25E-11		1.82E-11	0.00E+00	0.00E+00	0.00E+00	1.82E-11
1542	463083.2	3772540	2.78E-10	0.00E+00	0.00E+00	0.00E+00	2.78E-10		4.26E-11	0.00E+00	0.00E+00	0.00E+00	4.26E-11		1.82E-11	0.00E+00	0.00E+00	0.00E+00	1.82E-11
1543	463091.5	3772543	2.79E-10	0.00E+00	0.00E+00	0.00E+00	2.79E-10		4.26E-11	0.00E+00	0.00E+00	0.00E+00	4.26E-11		1.83E-11	0.00E+00	0.00E+00	0.00E+00	1.83E-11
1544	463099.9	3772547	2.79E-10	0.00E+00	0.00E+00	0.00E+00	2.79E-10		4.27E-11	0.00E+00	0.00E+00	0.00E+00	4.27E-11		1.83E-11	0.00E+00	0.00E+00	0.00E+00	1.83E-11
1545	463116.7	3772554	2.81E-10	0.00E+00	0.00E+00	0.00E+00	2.81E-10		4.30E-11	0.00E+00	0.00E+00	0.00E+00	4.30E-11		1.84E-11	0.00E+00	0.00E+00	0.00E+00	1.84E-11
1546	463125.1	3772557	2.82E-10	0.00E+00	0.00E+00	0.00E+00	2.82E-10		4.32E-11	0.00E+00	0.00E+00	0.00E+00	4.32E-11		1.85E-11	0.00E+00	0.00E+00	0.00E+00	1.85E-11
1547	463133.5	3772560	2.84E-10	0.00E+00	0.00E+00	0.00E+00	2.84E-10		4.34E-11	0.00E+00	0.00E+00	0.00E+00	4.34E-11		1.86E-11	0.00E+00	0.00E+00	0.00E+00	1.86E-11
1548	463141.9	3772564	2.85E-10	0.00E+00	0.00E+00	0.00E+00	2.85E-10		4.36E-11	0.00E+00	0.00E+00	0.00E+00	4.36E-11		1.87E-11	0.00E+00	0.00E+00	0.00E+00	1.87E-11
1549	463158.6	3772571	2.88E-10	0.00E+00	0.00E+00	0.00E+00	2.88E-10		4.41E-11	0.00E+00	0.00E+00	0.00E+00	4.41E-11		1.89E-11	0.00E+00	0.00E+00	0.00E+00	1.89E-11
1550	463167	3772574	2.90E-10	0.00E+00	0.00E+00	0.00E+00	2.90E-10		4.43E-11	0.00E+00	0.00E+00	0.00E+00	4.43E-11		1.90E-11	0.00E+00	0.00E+00	0.00E+00	1.90E-11
1551	463175.4	3772578	2.91E-10	0.00E+00	0.00E+00	0.00E+00	2.91E-10		4.46E-11	0.00E+00	0.00E+00	0.00E+00	4.46E-11		1.91E-11	0.00E+00	0.00E+00	0.00E+00	1.91E-11
1552	463183.8	3772581	2.93E-10	0.00E+00	0.00E+00	0.00E+00	2.93E-10		4.49E-11	0.00E+00	0.00E+00	0.00E+00	4.49E-11		1.92E-11	0.00E+00	0.00E+00	0.00E+00	1.92E-11
1553	463192.2	3772585	2.95E-10	0.00E+00	0.00E+00	0.00E+00	2.95E-10		4.51E-11	0.00E+00	0.00E+00	0.00E+00	4.51E-11		1.93E-11	0.00E+00	0.00E+00	0.00E+00	1.93E-11
1554	463200.6	3772588	2.97E-10	0.00E+00	0.00E+00	0.00E+00	2.97E-10		4.54E-11	0.00E+00	0.00E+00	0.00E+00	4.54E-11		1.95E-11	0.00E+00	0.00E+00	0.00E+00	1.95E-11
1555	463209	3772592	2.98E-10	0.00E+00	0.00E+00	0.00E+00	2.98E-10		4.57E-11	0.00E+00	0.00E+00	0.00E+00	4.57E-11		1.96E-11	0.00E+00	0.00E+00	0.00E+00	1.96E-11
1556	463217.4	3772595	3.00E-10	0.00E+00	0.00E+00	0.00E+00	3.00E-10		4.59E-11	0.00E+00	0.00E+00	0.00E+00	4.59E-11		1.97E-11	0.00E+00	0.00E+00	0.00E+00	1.97E-11
1557	463225.7	3772598	3.02E-10	0.00E+00	0.00E+00	0.00E+00	3.02E-10		4.62E-11	0.00E+00	0.00E+00	0.00E+00	4.62E-11		1.98E-11	0.00E+00	0.00E+00	0.00E+00	1.98E-11
1558	463234.1	3772602	3.03E-10	0.00E+00	0.00E+00	0.00E+00	3.03E-10		4.65E-11	0.00E+00	0.00E+00	0.00E+00	4.65E-11		1.99E-11	0.00E+00	0.00E+00	0.00E+00	1.99E-11
1559	463242.5	3772605	3.05E-10	0.00E+00	0.00E+00	0.00E+00	3.05E-10		4.67E-11	0.00E+00	0.00E+00	0.00E+00	4.67E-11		2.00E-11	0.00E+00	0.00E+00	0.00E+00	2.00E-11
1560	463250.9	3772609	3.07E-10	0.00E+00	0.00E+00	0.00E+00	3.07E-10		4.70E-11	0.00E+00	0.00E+00	0.00E+00	4.70E-11		2.01E-11	0.00E+00	0.00E+00	0.00E+00	2.01E-11
1561	463259.3	3772612	3.09E-10	0.00E+00	0.00E+00	0.00E+00	3.09E-10		4.72E-11	0.00E+00	0.00E+00	0.00E+00	4.72E-11		2.02E-11	0.00E+00	0.00E+00	0.00E+00	2.02E-11
1562	463267.7	3772616	3.10E-10	0.00E+00	0.00E+00	0.00E+00	3.10E-10		4.75E-11	0.00E+00	0.00E+00	0.00E+00	4.75E-11		2.03E-11	0.00E+00	0.00E+00	0.00E+00	2.03E-11
1563	463276.1	3772619	3.12E-10	0.00E+00	0.00E+00	0.00E+00	3.12E-10		4.77E-11	0.00E+00	0.00E+00	0.00E+00	4.77E-11		2.05E-11	0.00E+00	0.00E+00	0.00E+00	2.05E-11
1564	463284.5	3772623	3.13E-10	0.00E+00	0.00E+00	0.00E+00	3.13E-10		4.80E-11	0.00E+00	0.00E+00	0.00E+00	4.80E-11		2.06E-11	0.00E+00	0.00E+00	0.00E+00	2.06E-11

1565	463301.2	3772630	3.17E-10	0.00E+00	0.00E+00	0.00E+00	3.17E-10		4.85E-11	0.00E+00	0.00E+00	0.00E+00	4.85E-11		2.08E-11	0.00E+00	0.00E+00	0.00E+00	2.08E-11
1566	463309.6	3772633	3.18E-10	0.00E+00	0.00E+00	0.00E+00	3.18E-10		4.87E-11	0.00E+00	0.00E+00	0.00E+00	4.87E-11		2.09E-11	0.00E+00	0.00E+00	0.00E+00	2.09E-11
1567	463318	3772636	3.20E-10	0.00E+00	0.00E+00	0.00E+00	3.20E-10		4.89E-11	0.00E+00	0.00E+00	0.00E+00	4.89E-11		2.10E-11	0.00E+00	0.00E+00	0.00E+00	2.10E-11
1568	463326.4	3772640	3.21E-10	0.00E+00	0.00E+00	0.00E+00	3.21E-10		4.92E-11	0.00E+00	0.00E+00	0.00E+00	4.92E-11		2.11E-11	0.00E+00	0.00E+00	0.00E+00	2.11E-11
1569	463343.2	3772647	3.25E-10	0.00E+00	0.00E+00	0.00E+00	3.25E-10		4.97E-11	0.00E+00	0.00E+00	0.00E+00	4.97E-11		2.13E-11	0.00E+00	0.00E+00	0.00E+00	2.13E-11
1570	463351.6	3772650	3.26E-10	0.00E+00	0.00E+00	0.00E+00	3.26E-10		4.99E-11	0.00E+00	0.00E+00	0.00E+00	4.99E-11		2.14E-11	0.00E+00	0.00E+00	0.00E+00	2.14E-11
1571	463360	3772654	3.28E-10	0.00E+00	0.00E+00	0.00E+00	3.28E-10		5.02E-11	0.00E+00	0.00E+00	0.00E+00	5.02E-11		2.15E-11	0.00E+00	0.00E+00	0.00E+00	2.15E-11
1572	463368.3	3772657	3.29E-10	0.00E+00	0.00E+00	0.00E+00	3.29E-10		5.04E-11	0.00E+00	0.00E+00	0.00E+00	5.04E-11		2.16E-11	0.00E+00	0.00E+00	0.00E+00	2.16E-11
1573	463376.7	3772661	3.31E-10	0.00E+00	0.00E+00	0.00E+00	3.31E-10		5.06E-11	0.00E+00	0.00E+00	0.00E+00	5.06E-11		2.17E-11	0.00E+00	0.00E+00	0.00E+00	2.17E-11
1574	463385.1	3772664	3.32E-10	0.00E+00	0.00E+00	0.00E+00	3.32E-10		5.09E-11	0.00E+00	0.00E+00	0.00E+00	5.09E-11		2.18E-11	0.00E+00	0.00E+00	0.00E+00	2.18E-11
1575	463393.5	3772668	3.34E-10	0.00E+00	0.00E+00	0.00E+00	3.34E-10		5.11E-11	0.00E+00	0.00E+00	0.00E+00	5.11E-11		2.19E-11	0.00E+00	0.00E+00	0.00E+00	2.19E-11
1576	463401.9	3772671	3.36E-10	0.00E+00	0.00E+00	0.00E+00	3.36E-10		5.14E-11	0.00E+00	0.00E+00	0.00E+00	5.14E-11		2.20E-11	0.00E+00	0.00E+00	0.00E+00	2.20E-11
1577	463443.8	3772688	3.43E-10	0.00E+00	0.00E+00	0.00E+00	3.43E-10		5.25E-11	0.00E+00	0.00E+00	0.00E+00	5.25E-11		2.25E-11	0.00E+00	0.00E+00	0.00E+00	2.25E-11
1578	463452.2	3772692	3.45E-10	0.00E+00	0.00E+00	0.00E+00	3.45E-10		5.28E-11	0.00E+00	0.00E+00	0.00E+00	5.28E-11		2.26E-11	0.00E+00	0.00E+00	0.00E+00	2.26E-11
1579	463464.1	3772704	3.55E-10	0.00E+00	0.00E+00	0.00E+00	3.55E-10		5.43E-11	0.00E+00	0.00E+00	0.00E+00	5.43E-11		2.33E-11	0.00E+00	0.00E+00	0.00E+00	2.33E-11
1580	463467.6	3772712	3.64E-10	0.00E+00	0.00E+00	0.00E+00	3.64E-10		5.57E-11	0.00E+00	0.00E+00	0.00E+00	5.57E-11		2.39E-11	0.00E+00	0.00E+00	0.00E+00	2.39E-11
1581	463474.6	3772729	3.83E-10	0.00E+00	0.00E+00	0.00E+00	3.83E-10		5.86E-11	0.00E+00	0.00E+00	0.00E+00	5.86E-11		2.51E-11	0.00E+00	0.00E+00	0.00E+00	2.51E-11
1582	463481.5	3772745	4.04E-10	0.00E+00	0.00E+00	0.00E+00	4.04E-10		6.18E-11	0.00E+00	0.00E+00	0.00E+00	6.18E-11		2.65E-11	0.00E+00	0.00E+00	0.00E+00	2.65E-11
1583	463488.5	3772762	4.26E-10	0.00E+00	0.00E+00	0.00E+00	4.26E-10		6.52E-11	0.00E+00	0.00E+00	0.00E+00	6.52E-11		2.80E-11	0.00E+00	0.00E+00	0.00E+00	2.80E-11
1584	463495.5	3772779	4.50E-10	0.00E+00	0.00E+00	0.00E+00	4.50E-10		6.89E-11	0.00E+00	0.00E+00	0.00E+00	6.89E-11		2.96E-11	0.00E+00	0.00E+00	0.00E+00	2.96E-11
1585	463502.5	3772796	4.77E-10	0.00E+00	0.00E+00	0.00E+00	4.77E-10		7.30E-11	0.00E+00	0.00E+00	0.00E+00	7.30E-11		3.13E-11	0.00E+00	0.00E+00	0.00E+00	3.13E-11
1586	463509.5	3772812	5.05E-10	0.00E+00	0.00E+00	0.00E+00	5.05E-10		7.74E-11	0.00E+00	0.00E+00	0.00E+00	7.74E-11		3.32E-11	0.00E+00	0.00E+00	0.00E+00	3.32E-11
1587	463516.4	3772829	5.36E-10	0.00E+00	0.00E+00	0.00E+00	5.36E-10		8.21E-11	0.00E+00	0.00E+00	0.00E+00	8.21E-11		3.52E-11	0.00E+00	0.00E+00	0.00E+00	3.52E-11
1588	463523.4	3772846	5.71E-10	0.00E+00	0.00E+00	0.00E+00	5.71E-10		8.73E-11	0.00E+00	0.00E+00	0.00E+00	8.73E-11		3.74E-11	0.00E+00	0.00E+00	0.00E+00	3.74E-11
1589	463530.4	3772863	6.08E-10	0.00E+00	0.00E+00	0.00E+00	6.08E-10		9.30E-11	0.00E+00	0.00E+00	0.00E+00	9.30E-11		3.99E-11	0.00E+00	0.00E+00	0.00E+00	3.99E-11
1590	463558.3	3772930	7.93E-10	0.00E+00	0.00E+00	0.00E+00	7.93E-10		1.21E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-10		5.20E-11	0.00E+00	0.00E+00	0.00E+00	5.20E-11
1591	463565.3	3772946	8.50E-10	0.00E+00	0.00E+00	0.00E+00	8.50E-10		1.30E-10	0.00E+00	0.00E+00	0.00E+00	1.30E-10		5.58E-11	0.00E+00	0.00E+00	0.00E+00	5.58E-11
1592	463572.2	3772963	9.12E-10	0.00E+00	0.00E+00	0.00E+00	9.12E-10		1.40E-10	0.00E+00	0.00E+00	0.00E+00	1.40E-10		5.99E-11	0.00E+00	0.00E+00	0.00E+00	5.99E-11
1593	463579.2	3772980	9.80E-10	0.00E+00	0.00E+00	0.00E+00	9.80E-10		1.50E-10	0.00E+00	0.00E+00	0.00E+00	1.50E-10		6.43E-11	0.00E+00	0.00E+00	0.00E+00	6.43E-11
1594	463586.2	3772997	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09		1.61E-10	0.00E+00	0.00E+00	0.00E+00	1.61E-10		6.90E-11	0.00E+00	0.00E+00	0.00E+00	6.90E-11
1595	463593.2	3773013	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09		1.73E-10	0.00E+00	0.00E+00	0.00E+00	1.73E-10		7.42E-11	0.00E+00	0.00E+00	0.00E+00	7.42E-11
1596	463600.2	3773030	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09		1.86E-10	0.00E+00	0.00E+00	0.00E+00	1.86E-10		7.96E-11	0.00E+00	0.00E+00	0.00E+00	7.96E-11
1597	463607.1	3773047	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09		1.99E-10	0.00E+00	0.00E+00	0.00E+00	1.99E-10		8.54E-11	0.00E+00	0.00E+00	0.00E+00	8.54E-11
1598	463610.6	3773055	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09		2.06E-10	0.00E+00	0.00E+00	0.00E+00	2.06E-10		8.84E-11	0.00E+00	0.00E+00	0.00E+00	8.84E-11
1599	463617.6	3773072	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09		2.20E-10	0.00E+00	0.00E+00	0.00E+00	2.20E-10		9.45E-11	0.00E+00	0.00E+00	0.00E+00	9.45E-11
1600	463624.6	3773089	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09		2.35E-10	0.00E+00	0.00E+00	0.00E+00	2.35E-10		1.01E-10	0.00E+00	0.00E+00	0.00E+00	1.01E-10
1601	463631.6	3773105	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09		2.50E-10	0.00E+00	0.00E+00	0.00E+00	2.50E-10		1.07E-10	0.00E+00	0.00E+00	0.00E+00	1.07E-10
1602	463638.5	3773122	1.73E-09	0.00E+00	0.00E+00	0.00E+00	1.73E-09		2.65E-10	0.00E+00	0.00E+00	0.00E+00	2.65E-10		1.14E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-10
1603	463032.5	3772479	2.50E-10	0.00E+00	0.00E+00	0.00E+00	2.50E-10		3.83E-11	0.00E+00	0.00E+00	0.00E+00	3.83E-11		1.64E-11	0.00E+00	0.00E+00	0.00E+00	1.64E-11
1604	463049.1	3772486	2.49E-10	0.00E+00	0.00E+00	0.00E+00	2.49E-10		3.81E-11	0.00E+00	0.00E+00	0.00E+00	3.81E-11		1.63E-11	0.00E+00	0.00E+00	0.00E+00	1.63E-11
1605	463065.7	3772493	2.48E-10	0.00E+00	0.00E+00	0.00E+00	2.48E-10		3.80E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-11		1.63E-11	0.00E+00	0.00E+00	0.00E+00	1.63E-11
1606	463082.3	3772499	2.48E-10	0.00E+00	0.00E+00	0.00E+00	2.48E-10		3.80E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-11		1.63E-11	0.00E+00	0.00E+00	0.00E+00	1.63E-11
1607	463098.8	3772506	2.49E-10	0.00E+00	0.00E+00	0.00E+00	2.49E-10		3.82E-11	0.00E+00	0.00E+00	0.00E+00	3.82E-11		1.64E-11	0.00E+00	0.00E+00	0.00E+00	1.64E-11
1608	463107.1	3772510	2.50E-10	0.00E+00	0.00E+00	0.00E+00	2.50E-10		3.83E-11	0.00E+00	0.00E+00	0.00E+00	3.83E-11		1.64E-11	0.00E+00	0.00E+00	0.00E+00	1.64E-11
1609	463123.7	3772516	2.52E-10	0.00E+00	0.00E+00	0.00E+00	2.52E-10		3.86E-11	0.00E+00	0.00E+00	0.00E+00	3.86E-11		1.65E-11	0.00E+00	0.00E+00	0.00E+00	1.65E-11
1610	463140.3	3772523	2.54E-10	0.00E+00	0.00E+00	0.00E+00	2.54E-10		3.89E-11	0.00E+00	0.00E+00	0.00E+00	3.89E-11		1.67E-11	0.00E+00	0.00E+00	0.00E+00	1.67E-11
1611	463156.9	3772530	2.57E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-10		3.93E-11	0.00E+00	0.00E+00	0.00E+00	3.93E-11		1.68E-11	0.00E+00	0.00E+00	0.00E+00	1.68E-11
1612	463173.5	3772537	2.59E-10	0.00E+00	0.00E+00	0.00E+00	2.59E-10		3.97E-11	0.00E+00	0.00E+00	0.00E+00	3.97E-11		1.70E-11	0.00E+00	0.00E+00	0.00E+00	1.70E-11
1613	463190.1	3772544	2.62E-10	0.00E+00	0.00E+00	0.00E+00	2.62E-10		4.01E-11	0.00E+00	0.00E+00	0.00E+00	4.01E-11		1.72E-11	0.00E+00	0.00E+00	0.00E+00	1.72E-11
1614	463206.7	3772551	2.65E-10	0.00E+00	0.00E+00	0.00E+00	2.65E-10		4.06E-11	0.00E+00	0.00E+00	0.00E+00	4.06E-11		1.74E-11	0.00E+00	0.00E+00	0.00E+00	1.74E-11
1615	463223.3	3772557	2.68E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-10		4.11E-11	0.00E+00	0.00E+00	0.00E+00	4.11E-11		1.76E-11	0.00E+00	0.00E+00	0.00E+00	1.76E-11
1616	463239.9	3772564	2.71E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-10		4.15E-11	0.00E+00	0.00E+00	0.00E+00	4.15E-11		1.78E-11	0.00E+00	0.00E+00	0.00E+00	1.78E-11
1617	463256.5	3772571	2.74E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-10		4.19E-11	0.00E+00	0.00E+00	0.00E+00	4.19E-11		1.80E-11	0.00E+00	0.00E+00	0.00E+00	1.80E-11
1618	463273.1	3772578	2.77E-10	0.00E+00	0.00E+00	0.00E+00	2.77E-10		4.23E-11	0.00E+00	0.00E+00	0.00E+00	4.23E-11		1.81E-11	0.00E+00	0.00E+00	0.00E+00	1.81E-11
1619	463281.4	3772581	2.78E-10	0.00E+00	0.00E+00	0.00E+00	2.78E-10		4.25E-11	0.00E+00	0.00E+00	0.00E+00	4.25E-11		1.82E-11	0.00E+00	0.00E+00	0.00E+00	1.82E-11
1620	463298	3772588	2.80E-10	0.00E+00	0.00E+00	0.00E+00	2.80E-10		4.29E-11	0.00E+00	0.00E+00	0.00E+00	4.29E-11		1.84E-11	0.00E+00	0.00E+00	0.00E+00	1.84E-11

1621	463314.6	3772595	2.83E-10	0.00E+00	0.00E+00	0.00E+00	2.83E-10	4.33E-11	0.00E+00	0.00E+00	0.00E+00	4.33E-11	1.86E-11	0.00E+00	0.00E+00	0.00E+00	1.86E-11
1622	463331.2	3772602	2.86E-10	0.00E+00	0.00E+00	0.00E+00	2.86E-10	4.37E-11	0.00E+00	0.00E+00	0.00E+00	4.37E-11	1.87E-11	0.00E+00	0.00E+00	0.00E+00	1.87E-11
1623	463347.8	3772609	2.88E-10	0.00E+00	0.00E+00	0.00E+00	2.88E-10	4.41E-11	0.00E+00	0.00E+00	0.00E+00	4.41E-11	1.89E-11	0.00E+00	0.00E+00	0.00E+00	1.89E-11
1624	463364.4	3772616	2.91E-10	0.00E+00	0.00E+00	0.00E+00	2.91E-10	4.45E-11	0.00E+00	0.00E+00	0.00E+00	4.45E-11	1.91E-11	0.00E+00	0.00E+00	0.00E+00	1.91E-11
1625	463381	3772622	2.93E-10	0.00E+00	0.00E+00	0.00E+00	2.93E-10	4.49E-11	0.00E+00	0.00E+00	0.00E+00	4.49E-11	1.92E-11	0.00E+00	0.00E+00	0.00E+00	1.92E-11
1626	463397.6	3772629	2.96E-10	0.00E+00	0.00E+00	0.00E+00	2.96E-10	4.53E-11	0.00E+00	0.00E+00	0.00E+00	4.53E-11	1.94E-11	0.00E+00	0.00E+00	0.00E+00	1.94E-11
1627	463439.1	3772646	3.02E-10	0.00E+00	0.00E+00	0.00E+00	3.02E-10	4.62E-11	0.00E+00	0.00E+00	0.00E+00	4.62E-11	1.98E-11	0.00E+00	0.00E+00	0.00E+00	1.98E-11
1628	463455.6	3772653	3.05E-10	0.00E+00	0.00E+00	0.00E+00	3.05E-10	4.66E-11	0.00E+00	0.00E+00	0.00E+00	4.66E-11	2.00E-11	0.00E+00	0.00E+00	0.00E+00	2.00E-11
1629	463472.2	3772660	3.07E-10	0.00E+00	0.00E+00	0.00E+00	3.07E-10	4.70E-11	0.00E+00	0.00E+00	0.00E+00	4.70E-11	2.02E-11	0.00E+00	0.00E+00	0.00E+00	2.02E-11
1630	463492.3	3772675	3.16E-10	0.00E+00	0.00E+00	0.00E+00	3.16E-10	4.84E-11	0.00E+00	0.00E+00	0.00E+00	4.84E-11	2.08E-11	0.00E+00	0.00E+00	0.00E+00	2.08E-11
1631	463495.7	3772683	3.24E-10	0.00E+00	0.00E+00	0.00E+00	3.24E-10	4.96E-11	0.00E+00	0.00E+00	0.00E+00	4.96E-11	2.13E-11	0.00E+00	0.00E+00	0.00E+00	2.13E-11
1632	463502.6	3772700	3.39E-10	0.00E+00	0.00E+00	0.00E+00	3.39E-10	5.19E-11	0.00E+00	0.00E+00	0.00E+00	5.19E-11	2.23E-11	0.00E+00	0.00E+00	0.00E+00	2.23E-11
1633	463509.5	3772717	3.56E-10	0.00E+00	0.00E+00	0.00E+00	3.56E-10	5.45E-11	0.00E+00	0.00E+00	0.00E+00	5.45E-11	2.34E-11	0.00E+00	0.00E+00	0.00E+00	2.34E-11
1634	463516.4	3772733	3.74E-10	0.00E+00	0.00E+00	0.00E+00	3.74E-10	5.73E-11	0.00E+00	0.00E+00	0.00E+00	5.73E-11	2.45E-11	0.00E+00	0.00E+00	0.00E+00	2.45E-11
1635	463519.9	3772741	3.84E-10	0.00E+00	0.00E+00	0.00E+00	3.84E-10	5.87E-11	0.00E+00	0.00E+00	0.00E+00	5.87E-11	2.52E-11	0.00E+00	0.00E+00	0.00E+00	2.52E-11
1636	463526.8	3772758	4.04E-10	0.00E+00	0.00E+00	0.00E+00	4.04E-10	6.18E-11	0.00E+00	0.00E+00	0.00E+00	6.18E-11	2.65E-11	0.00E+00	0.00E+00	0.00E+00	2.65E-11
1637	463533.7	3772775	4.25E-10	0.00E+00	0.00E+00	0.00E+00	4.25E-10	6.51E-11	0.00E+00	0.00E+00	0.00E+00	6.51E-11	2.79E-11	0.00E+00	0.00E+00	0.00E+00	2.79E-11
1638	463540.6	3772791	4.49E-10	0.00E+00	0.00E+00	0.00E+00	4.49E-10	6.87E-11	0.00E+00	0.00E+00	0.00E+00	6.87E-11	2.94E-11	0.00E+00	0.00E+00	0.00E+00	2.94E-11
1639	463547.5	3772808	4.74E-10	0.00E+00	0.00E+00	0.00E+00	4.74E-10	7.26E-11	0.00E+00	0.00E+00	0.00E+00	7.26E-11	3.11E-11	0.00E+00	0.00E+00	0.00E+00	3.11E-11
1640	463554.4	3772824	5.02E-10	0.00E+00	0.00E+00	0.00E+00	5.02E-10	7.68E-11	0.00E+00	0.00E+00	0.00E+00	7.68E-11	3.29E-11	0.00E+00	0.00E+00	0.00E+00	3.29E-11
1641	463561.3	3772841	5.31E-10	0.00E+00	0.00E+00	0.00E+00	5.31E-10	8.13E-11	0.00E+00	0.00E+00	0.00E+00	8.13E-11	3.49E-11	0.00E+00	0.00E+00	0.00E+00	3.49E-11
1642	463568.2	3772857	5.64E-10	0.00E+00	0.00E+00	0.00E+00	5.64E-10	8.63E-11	0.00E+00	0.00E+00	0.00E+00	8.63E-11	3.70E-11	0.00E+00	0.00E+00	0.00E+00	3.70E-11
1643	463571.7	3772866	5.81E-10	0.00E+00	0.00E+00	0.00E+00	5.81E-10	8.89E-11	0.00E+00	0.00E+00	0.00E+00	8.89E-11	3.81E-11	0.00E+00	0.00E+00	0.00E+00	3.81E-11
1644	463599.3	3772932	7.46E-10	0.00E+00	0.00E+00	0.00E+00	7.46E-10	1.14E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-10	4.90E-11	0.00E+00	0.00E+00	0.00E+00	4.90E-11
1645	463606.2	3772948	7.96E-10	0.00E+00	0.00E+00	0.00E+00	7.96E-10	1.22E-10	0.00E+00	0.00E+00	0.00E+00	1.22E-10	5.23E-11	0.00E+00	0.00E+00	0.00E+00	5.23E-11
1646	463613.1	3772965	8.51E-10	0.00E+00	0.00E+00	0.00E+00	8.51E-10	1.30E-10	0.00E+00	0.00E+00	0.00E+00	1.30E-10	5.58E-11	0.00E+00	0.00E+00	0.00E+00	5.58E-11
1647	463620	3772982	9.09E-10	0.00E+00	0.00E+00	0.00E+00	9.09E-10	1.39E-10	0.00E+00	0.00E+00	0.00E+00	1.39E-10	5.97E-11	0.00E+00	0.00E+00	0.00E+00	5.97E-11
1648	463623.4	3772990	9.40E-10	0.00E+00	0.00E+00	0.00E+00	9.40E-10	1.44E-10	0.00E+00	0.00E+00	0.00E+00	1.44E-10	6.17E-11	0.00E+00	0.00E+00	0.00E+00	6.17E-11
1649	463630.3	3773006	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09	1.54E-10	0.00E+00	0.00E+00	0.00E+00	1.54E-10	6.59E-11	0.00E+00	0.00E+00	0.00E+00	6.59E-11
1650	463637.2	3773023	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09	1.64E-10	0.00E+00	0.00E+00	0.00E+00	1.64E-10	7.04E-11	0.00E+00	0.00E+00	0.00E+00	7.04E-11
1651	463644.1	3773040	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09	1.75E-10	0.00E+00	0.00E+00	0.00E+00	1.75E-10	7.51E-11	0.00E+00	0.00E+00	0.00E+00	7.51E-11
1652	463647.6	3773048	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09	1.81E-10	0.00E+00	0.00E+00	0.00E+00	1.81E-10	7.76E-11	0.00E+00	0.00E+00	0.00E+00	7.76E-11
1653	463654.5	3773064	1.26E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-09	1.93E-10	0.00E+00	0.00E+00	0.00E+00	1.93E-10	8.26E-11	0.00E+00	0.00E+00	0.00E+00	8.26E-11
1654	463661.4	3773081	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	2.05E-10	0.00E+00	0.00E+00	0.00E+00	2.05E-10	8.79E-11	0.00E+00	0.00E+00	0.00E+00	8.79E-11
1655	463668.3	3773098	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	2.17E-10	0.00E+00	0.00E+00	0.00E+00	2.17E-10	9.32E-11	0.00E+00	0.00E+00	0.00E+00	9.32E-11
1656	463675.2	3773114	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09	2.30E-10	0.00E+00	0.00E+00	0.00E+00	2.30E-10	9.85E-11	0.00E+00	0.00E+00	0.00E+00	9.85E-11
1657	463682.1	3773131	1.58E-09	0.00E+00	0.00E+00	0.00E+00	1.58E-09	2.43E-10	0.00E+00	0.00E+00	0.00E+00	2.43E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	1.04E-10
1658	463032.6	3772439	2.26E-10	0.00E+00	0.00E+00	0.00E+00	2.26E-10	3.45E-11	0.00E+00	0.00E+00	0.00E+00	3.45E-11	1.48E-11	0.00E+00	0.00E+00	0.00E+00	1.48E-11
1659	463040.9	3772442	2.25E-10	0.00E+00	0.00E+00	0.00E+00	2.25E-10	3.44E-11	0.00E+00	0.00E+00	0.00E+00	3.44E-11	1.48E-11	0.00E+00	0.00E+00	0.00E+00	1.48E-11
1660	463124.4	3772477	2.27E-10	0.00E+00	0.00E+00	0.00E+00	2.27E-10	3.47E-11	0.00E+00	0.00E+00	0.00E+00	3.47E-11	1.49E-11	0.00E+00	0.00E+00	0.00E+00	1.49E-11
1661	463132.8	3772480	2.28E-10	0.00E+00	0.00E+00	0.00E+00	2.28E-10	3.49E-11	0.00E+00	0.00E+00	0.00E+00	3.49E-11	1.50E-11	0.00E+00	0.00E+00	0.00E+00	1.50E-11
1662	463141.2	3772484	2.29E-10	0.00E+00	0.00E+00	0.00E+00	2.29E-10	3.50E-11	0.00E+00	0.00E+00	0.00E+00	3.50E-11	1.50E-11	0.00E+00	0.00E+00	0.00E+00	1.50E-11
1663	463149.5	3772487	2.30E-10	0.00E+00	0.00E+00	0.00E+00	2.30E-10	3.52E-11	0.00E+00	0.00E+00	0.00E+00	3.52E-11	1.51E-11	0.00E+00	0.00E+00	0.00E+00	1.51E-11
1664	463166.2	3772494	2.32E-10	0.00E+00	0.00E+00	0.00E+00	2.32E-10	3.55E-11	0.00E+00	0.00E+00	0.00E+00	3.55E-11	1.52E-11	0.00E+00	0.00E+00	0.00E+00	1.52E-11
1665	463174.6	3772497	2.34E-10	0.00E+00	0.00E+00	0.00E+00	2.34E-10	3.57E-11	0.00E+00	0.00E+00	0.00E+00	3.57E-11	1.53E-11	0.00E+00	0.00E+00	0.00E+00	1.53E-11
1666	463182.9	3772501	2.35E-10	0.00E+00	0.00E+00	0.00E+00	2.35E-10	3.59E-11	0.00E+00	0.00E+00	0.00E+00	3.59E-11	1.54E-11	0.00E+00	0.00E+00	0.00E+00	1.54E-11
1667	463199.6	3772508	2.37E-10	0.00E+00	0.00E+00	0.00E+00	2.37E-10	3.63E-11	0.00E+00	0.00E+00	0.00E+00	3.63E-11	1.56E-11	0.00E+00	0.00E+00	0.00E+00	1.56E-11
1668	463208	3772511	2.39E-10	0.00E+00	0.00E+00	0.00E+00	2.39E-10	3.65E-11	0.00E+00	0.00E+00	0.00E+00	3.65E-11	1.57E-11	0.00E+00	0.00E+00	0.00E+00	1.57E-11
1669	463216.3	3772515	2.40E-10	0.00E+00	0.00E+00	0.00E+00	2.40E-10	3.67E-11	0.00E+00	0.00E+00	0.00E+00	3.67E-11	1.57E-11	0.00E+00	0.00E+00	0.00E+00	1.57E-11
1670	463233	3772522	2.42E-10	0.00E+00	0.00E+00	0.00E+00	2.42E-10	3.71E-11	0.00E+00	0.00E+00	0.00E+00	3.71E-11	1.59E-11	0.00E+00	0.00E+00	0.00E+00	1.59E-11
1671	463241.4	3772525	2.44E-10	0.00E+00	0.00E+00	0.00E+00	2.44E-10	3.73E-11	0.00E+00	0.00E+00	0.00E+00	3.73E-11	1.60E-11	0.00E+00	0.00E+00	0.00E+00	1.60E-11
1672	463249.7	3772528	2.45E-10	0.00E+00	0.00E+00	0.00E+00	2.45E-10	3.75E-11	0.00E+00	0.00E+00	0.00E+00	3.75E-11	1.61E-11	0.00E+00	0.00E+00	0.00E+00	1.61E-11
1673	463266.5	3772535	2.47E-10	0.00E+00	0.00E+00	0.00E+00	2.47E-10	3.78E-11	0.00E+00	0.00E+00	0.00E+00	3.78E-11	1.62E-11	0.00E+00	0.00E+00	0.00E+00	1.62E-11
1674	463274.8	3772539	2.48E-10	0.00E+00	0.00E+00	0.00E+00	2.48E-10	3.80E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-11	1.63E-11	0.00E+00	0.00E+00	0.00E+00	1.63E-11
1675	463283.2	3772542	2.49E-10	0.00E+00	0.00E+00	0.00E+00	2.49E-10	3.82E-11	0.00E+00	0.00E+00	0.00E+00	3.82E-11	1.64E-11	0.00E+00	0.00E+00	0.00E+00	1.64E-11
1676	463299.9	3772549	2.52E-10	0.00E+00	0.00E+00	0.00E+00	2.52E-10	3.85E-11	0.00E+00	0.00E+00	0.00E+00	3.85E-11	1.65E-11	0.00E+00	0.00E+00	0.00E+00	1.65E-11

1677	463308.2	3772552	2.53E-10	0.00E+00	0.00E+00	0.00E+00	2.53E-10	3.87E-11	0.00E+00	0.00E+00	0.00E+00	3.87E-11	1.66E-11	0.00E+00	0.00E+00	0.00E+00	1.66E-11
1678	463316.6	3772556	2.54E-10	0.00E+00	0.00E+00	0.00E+00	2.54E-10	3.89E-11	0.00E+00	0.00E+00	0.00E+00	3.89E-11	1.67E-11	0.00E+00	0.00E+00	0.00E+00	1.67E-11
1679	463333.3	3772563	2.56E-10	0.00E+00	0.00E+00	0.00E+00	2.56E-10	3.92E-11	0.00E+00	0.00E+00	0.00E+00	3.92E-11	1.68E-11	0.00E+00	0.00E+00	0.00E+00	1.68E-11
1680	463341.6	3772566	2.57E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-10	3.93E-11	0.00E+00	0.00E+00	0.00E+00	3.93E-11	1.69E-11	0.00E+00	0.00E+00	0.00E+00	1.69E-11
1681	463350	3772570	2.58E-10	0.00E+00	0.00E+00	0.00E+00	2.58E-10	3.95E-11	0.00E+00	0.00E+00	0.00E+00	3.95E-11	1.69E-11	0.00E+00	0.00E+00	0.00E+00	1.69E-11
1682	463358.3	3772573	2.59E-10	0.00E+00	0.00E+00	0.00E+00	2.59E-10	3.96E-11	0.00E+00	0.00E+00	0.00E+00	3.96E-11	1.70E-11	0.00E+00	0.00E+00	0.00E+00	1.70E-11
1683	463375.1	3772580	2.61E-10	0.00E+00	0.00E+00	0.00E+00	2.61E-10	4.00E-11	0.00E+00	0.00E+00	0.00E+00	4.00E-11	1.71E-11	0.00E+00	0.00E+00	0.00E+00	1.71E-11
1684	463383.4	3772583	2.62E-10	0.00E+00	0.00E+00	0.00E+00	2.62E-10	4.01E-11	0.00E+00	0.00E+00	0.00E+00	4.01E-11	1.72E-11	0.00E+00	0.00E+00	0.00E+00	1.72E-11
1685	463391.8	3772587	2.63E-10	0.00E+00	0.00E+00	0.00E+00	2.63E-10	4.03E-11	0.00E+00	0.00E+00	0.00E+00	4.03E-11	1.73E-11	0.00E+00	0.00E+00	0.00E+00	1.73E-11
1686	463441.9	3772608	2.70E-10	0.00E+00	0.00E+00	0.00E+00	2.70E-10	4.13E-11	0.00E+00	0.00E+00	0.00E+00	4.13E-11	1.77E-11	0.00E+00	0.00E+00	0.00E+00	1.77E-11
1687	463450.2	3772611	2.71E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-10	4.14E-11	0.00E+00	0.00E+00	0.00E+00	4.14E-11	1.78E-11	0.00E+00	0.00E+00	0.00E+00	1.78E-11
1688	463458.6	3772614	2.72E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-10	4.16E-11	0.00E+00	0.00E+00	0.00E+00	4.16E-11	1.78E-11	0.00E+00	0.00E+00	0.00E+00	1.78E-11
1689	463475.3	3772621	2.74E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-10	4.19E-11	0.00E+00	0.00E+00	0.00E+00	4.19E-11	1.80E-11	0.00E+00	0.00E+00	0.00E+00	1.80E-11
1690	463483.7	3772625	2.75E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-10	4.20E-11	0.00E+00	0.00E+00	0.00E+00	4.20E-11	1.80E-11	0.00E+00	0.00E+00	0.00E+00	1.80E-11
1691	463492	3772628	2.76E-10	0.00E+00	0.00E+00	0.00E+00	2.76E-10	4.22E-11	0.00E+00	0.00E+00	0.00E+00	4.22E-11	1.81E-11	0.00E+00	0.00E+00	0.00E+00	1.81E-11
1692	463508.7	3772635	2.78E-10	0.00E+00	0.00E+00	0.00E+00	2.78E-10	4.25E-11	0.00E+00	0.00E+00	0.00E+00	4.25E-11	1.82E-11	0.00E+00	0.00E+00	0.00E+00	1.82E-11
1693	463520.5	3772647	2.85E-10	0.00E+00	0.00E+00	0.00E+00	2.85E-10	4.36E-11	0.00E+00	0.00E+00	0.00E+00	4.36E-11	1.87E-11	0.00E+00	0.00E+00	0.00E+00	1.87E-11
1694	463524	3772655	2.91E-10	0.00E+00	0.00E+00	0.00E+00	2.91E-10	4.45E-11	0.00E+00	0.00E+00	0.00E+00	4.45E-11	1.91E-11	0.00E+00	0.00E+00	0.00E+00	1.91E-11
1695	463531	3772672	3.04E-10	0.00E+00	0.00E+00	0.00E+00	3.04E-10	4.65E-11	0.00E+00	0.00E+00	0.00E+00	4.65E-11	1.99E-11	0.00E+00	0.00E+00	0.00E+00	1.99E-11
1696	463534.4	3772680	3.11E-10	0.00E+00	0.00E+00	0.00E+00	3.11E-10	4.76E-11	0.00E+00	0.00E+00	0.00E+00	4.76E-11	2.04E-11	0.00E+00	0.00E+00	0.00E+00	2.04E-11
1697	463541.4	3772697	3.25E-10	0.00E+00	0.00E+00	0.00E+00	3.25E-10	4.98E-11	0.00E+00	0.00E+00	0.00E+00	4.98E-11	2.13E-11	0.00E+00	0.00E+00	0.00E+00	2.13E-11
1698	463544.9	3772705	3.33E-10	0.00E+00	0.00E+00	0.00E+00	3.33E-10	5.09E-11	0.00E+00	0.00E+00	0.00E+00	5.09E-11	2.18E-11	0.00E+00	0.00E+00	0.00E+00	2.18E-11
1699	463551.8	3772722	3.49E-10	0.00E+00	0.00E+00	0.00E+00	3.49E-10	5.34E-11	0.00E+00	0.00E+00	0.00E+00	5.34E-11	2.29E-11	0.00E+00	0.00E+00	0.00E+00	2.29E-11
1700	463558.8	3772739	3.66E-10	0.00E+00	0.00E+00	0.00E+00	3.66E-10	5.60E-11	0.00E+00	0.00E+00	0.00E+00	5.60E-11	2.40E-11	0.00E+00	0.00E+00	0.00E+00	2.40E-11
1701	463562.2	3772747	3.75E-10	0.00E+00	0.00E+00	0.00E+00	3.75E-10	5.74E-11	0.00E+00	0.00E+00	0.00E+00	5.74E-11	2.46E-11	0.00E+00	0.00E+00	0.00E+00	2.46E-11
1702	463569.2	3772764	3.94E-10	0.00E+00	0.00E+00	0.00E+00	3.94E-10	6.04E-11	0.00E+00	0.00E+00	0.00E+00	6.04E-11	2.59E-11	0.00E+00	0.00E+00	0.00E+00	2.59E-11
1703	463572.7	3772772	4.04E-10	0.00E+00	0.00E+00	0.00E+00	4.04E-10	6.19E-11	0.00E+00	0.00E+00	0.00E+00	6.19E-11	2.65E-11	0.00E+00	0.00E+00	0.00E+00	2.65E-11
1704	463579.6	3772789	4.26E-10	0.00E+00	0.00E+00	0.00E+00	4.26E-10	6.52E-11	0.00E+00	0.00E+00	0.00E+00	6.52E-11	2.79E-11	0.00E+00	0.00E+00	0.00E+00	2.79E-11
1705	463583.1	3772797	4.37E-10	0.00E+00	0.00E+00	0.00E+00	4.37E-10	6.69E-11	0.00E+00	0.00E+00	0.00E+00	6.69E-11	2.87E-11	0.00E+00	0.00E+00	0.00E+00	2.87E-11
1706	463590	3772814	4.61E-10	0.00E+00	0.00E+00	0.00E+00	4.61E-10	7.06E-11	0.00E+00	0.00E+00	0.00E+00	7.06E-11	3.03E-11	0.00E+00	0.00E+00	0.00E+00	3.03E-11
1707	463593.5	3772822	4.74E-10	0.00E+00	0.00E+00	0.00E+00	4.74E-10	7.26E-11	0.00E+00	0.00E+00	0.00E+00	7.26E-11	3.11E-11	0.00E+00	0.00E+00	0.00E+00	3.11E-11
1708	463600.4	3772839	5.01E-10	0.00E+00	0.00E+00	0.00E+00	5.01E-10	7.67E-11	0.00E+00	0.00E+00	0.00E+00	7.67E-11	3.29E-11	0.00E+00	0.00E+00	0.00E+00	3.29E-11
1709	463607.4	3772855	5.30E-10	0.00E+00	0.00E+00	0.00E+00	5.30E-10	8.12E-11	0.00E+00	0.00E+00	0.00E+00	8.12E-11	3.48E-11	0.00E+00	0.00E+00	0.00E+00	3.48E-11
1710	463610.9	3772864	5.46E-10	0.00E+00	0.00E+00	0.00E+00	5.46E-10	8.35E-11	0.00E+00	0.00E+00	0.00E+00	8.35E-11	3.58E-11	0.00E+00	0.00E+00	0.00E+00	3.58E-11
1711	463638.7	3772930	6.93E-10	0.00E+00	0.00E+00	0.00E+00	6.93E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	1.06E-10	4.55E-11	0.00E+00	0.00E+00	0.00E+00	4.55E-11
1712	463642.1	3772939	7.14E-10	0.00E+00	0.00E+00	0.00E+00	7.14E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-10	4.69E-11	0.00E+00	0.00E+00	0.00E+00	4.69E-11
1713	463649.1	3772955	7.60E-10	0.00E+00	0.00E+00	0.00E+00	7.60E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-10	4.99E-11	0.00E+00	0.00E+00	0.00E+00	4.99E-11
1714	463656	3772972	8.10E-10	0.00E+00	0.00E+00	0.00E+00	8.10E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	1.24E-10	5.31E-11	0.00E+00	0.00E+00	0.00E+00	5.31E-11
1715	463659.5	3772980	8.36E-10	0.00E+00	0.00E+00	0.00E+00	8.36E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	1.28E-10	5.48E-11	0.00E+00	0.00E+00	0.00E+00	5.48E-11
1716	463666.5	3772997	8.90E-10	0.00E+00	0.00E+00	0.00E+00	8.90E-10	1.36E-10	0.00E+00	0.00E+00	0.00E+00	1.36E-10	5.84E-11	0.00E+00	0.00E+00	0.00E+00	5.84E-11
1717	463669.9	3773005	9.18E-10	0.00E+00	0.00E+00	0.00E+00	9.18E-10	1.41E-10	0.00E+00	0.00E+00	0.00E+00	1.41E-10	6.03E-11	0.00E+00	0.00E+00	0.00E+00	6.03E-11
1718	463676.9	3773022	9.77E-10	0.00E+00	0.00E+00	0.00E+00	9.77E-10	1.50E-10	0.00E+00	0.00E+00	0.00E+00	1.50E-10	6.41E-11	0.00E+00	0.00E+00	0.00E+00	6.41E-11
1719	463680.4	3773030	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09	1.54E-10	0.00E+00	0.00E+00	0.00E+00	1.54E-10	6.61E-11	0.00E+00	0.00E+00	0.00E+00	6.61E-11
1720	463687.3	3773047	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09	1.64E-10	0.00E+00	0.00E+00	0.00E+00	1.64E-10	7.03E-11	0.00E+00	0.00E+00	0.00E+00	7.03E-11
1721	463690.8	3773055	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09	1.69E-10	0.00E+00	0.00E+00	0.00E+00	1.69E-10	7.25E-11	0.00E+00	0.00E+00	0.00E+00	7.25E-11
1722	463697.7	3773072	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09	1.79E-10	0.00E+00	0.00E+00	0.00E+00	1.79E-10	7.69E-11	0.00E+00	0.00E+00	0.00E+00	7.69E-11
1723	463704.7	3773089	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09	1.90E-10	0.00E+00	0.00E+00	0.00E+00	1.90E-10	8.14E-11	0.00E+00	0.00E+00	0.00E+00	8.14E-11
1724	463708.1	3773097	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09	1.95E-10	0.00E+00	0.00E+00	0.00E+00	1.95E-10	8.36E-11	0.00E+00	0.00E+00	0.00E+00	8.36E-11
1725	463715.1	3773114	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09	2.06E-10	0.00E+00	0.00E+00	0.00E+00	2.06E-10	8.82E-11	0.00E+00	0.00E+00	0.00E+00	8.82E-11
1726	463718.6	3773122	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09	2.11E-10	0.00E+00	0.00E+00	0.00E+00	2.11E-10	9.06E-11	0.00E+00	0.00E+00	0.00E+00	9.06E-11
1727	463725.5	3773139	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09	2.22E-10	0.00E+00	0.00E+00	0.00E+00	2.22E-10	9.52E-11	0.00E+00	0.00E+00	0.00E+00	9.52E-11
1728	463032.6	3772399	2.05E-10	0.00E+00	0.00E+00	0.00E+00	2.05E-10	3.13E-11	0.00E+00	0.00E+00	0.00E+00	3.13E-11	1.34E-11	0.00E+00	0.00E+00	0.00E+00	1.34E-11
1729	463041	3772403	2.04E-10	0.00E+00	0.00E+00	0.00E+00	2.04E-10	3.12E-11	0.00E+00	0.00E+00	0.00E+00	3.12E-11	1.34E-11	0.00E+00	0.00E+00	0.00E+00	1.34E-11
1730	463049.4	3772406	2.04E-10	0.00E+00	0.00E+00	0.00E+00	2.04E-10	3.12E-11	0.00E+00	0.00E+00	0.00E+00	3.12E-11	1.34E-11	0.00E+00	0.00E+00	0.00E+00	1.34E-11
1731	463057.8	3772409	2.03E-10	0.00E+00	0.00E+00	0.00E+00	2.03E-10	3.11E-11	0.00E+00	0.00E+00	0.00E+00	3.11E-11	1.33E-11	0.00E+00	0.00E+00	0.00E+00	1.33E-11
1732	463066.2	3772413	2.03E-10	0.00E+00	0.00E+00	0.00E+00	2.03E-10	3.11E-11	0.00E+00	0.00E+00	0.00E+00	3.11E-11	1.33E-11	0.00E+00	0.00E+00	0.00E+00	1.33E-11

1733	463074.6	3772416	2.03E-10	0.00E+00	0.00E+00	0.00E+00	2.03E-10	3.11E-11	0.00E+00	0.00E+00	0.00E+00	3.11E-11	1.33E-11	0.00E+00	0.00E+00	0.00E+00	1.33E-11
1734	463083	3772420	2.03E-10	0.00E+00	0.00E+00	0.00E+00	2.03E-10	3.11E-11	0.00E+00	0.00E+00	0.00E+00	3.11E-11	1.33E-11	0.00E+00	0.00E+00	0.00E+00	1.33E-11
1735	463091.5	3772423	2.04E-10	0.00E+00	0.00E+00	0.00E+00	2.04E-10	3.12E-11	0.00E+00	0.00E+00	0.00E+00	3.12E-11	1.34E-11	0.00E+00	0.00E+00	0.00E+00	1.34E-11
1736	463099.9	3772427	2.04E-10	0.00E+00	0.00E+00	0.00E+00	2.04E-10	3.12E-11	0.00E+00	0.00E+00	0.00E+00	3.12E-11	1.34E-11	0.00E+00	0.00E+00	0.00E+00	1.34E-11
1737	463108.3	3772430	2.05E-10	0.00E+00	0.00E+00	0.00E+00	2.05E-10	3.13E-11	0.00E+00	0.00E+00	0.00E+00	3.13E-11	1.34E-11	0.00E+00	0.00E+00	0.00E+00	1.34E-11
1738	463116.7	3772434	2.05E-10	0.00E+00	0.00E+00	0.00E+00	2.05E-10	3.14E-11	0.00E+00	0.00E+00	0.00E+00	3.14E-11	1.35E-11	0.00E+00	0.00E+00	0.00E+00	1.35E-11
1739	463125.1	3772437	2.06E-10	0.00E+00	0.00E+00	0.00E+00	2.06E-10	3.15E-11	0.00E+00	0.00E+00	0.00E+00	3.15E-11	1.35E-11	0.00E+00	0.00E+00	0.00E+00	1.35E-11
1740	463133.5	3772441	2.07E-10	0.00E+00	0.00E+00	0.00E+00	2.07E-10	3.16E-11	0.00E+00	0.00E+00	0.00E+00	3.16E-11	1.36E-11	0.00E+00	0.00E+00	0.00E+00	1.36E-11
1741	463217.5	3772475	2.17E-10	0.00E+00	0.00E+00	0.00E+00	2.17E-10	3.33E-11	0.00E+00	0.00E+00	0.00E+00	3.33E-11	1.43E-11	0.00E+00	0.00E+00	0.00E+00	1.43E-11
1742	463225.9	3772479	2.19E-10	0.00E+00	0.00E+00	0.00E+00	2.19E-10	3.35E-11	0.00E+00	0.00E+00	0.00E+00	3.35E-11	1.43E-11	0.00E+00	0.00E+00	0.00E+00	1.43E-11
1743	463234.3	3772482	2.20E-10	0.00E+00	0.00E+00	0.00E+00	2.20E-10	3.36E-11	0.00E+00	0.00E+00	0.00E+00	3.36E-11	1.44E-11	0.00E+00	0.00E+00	0.00E+00	1.44E-11
1744	463242.7	3772486	2.21E-10	0.00E+00	0.00E+00	0.00E+00	2.21E-10	3.38E-11	0.00E+00	0.00E+00	0.00E+00	3.38E-11	1.45E-11	0.00E+00	0.00E+00	0.00E+00	1.45E-11
1745	463251.1	3772489	2.22E-10	0.00E+00	0.00E+00	0.00E+00	2.22E-10	3.40E-11	0.00E+00	0.00E+00	0.00E+00	3.40E-11	1.46E-11	0.00E+00	0.00E+00	0.00E+00	1.46E-11
1746	463259.5	3772492	2.23E-10	0.00E+00	0.00E+00	0.00E+00	2.23E-10	3.41E-11	0.00E+00	0.00E+00	0.00E+00	3.41E-11	1.46E-11	0.00E+00	0.00E+00	0.00E+00	1.46E-11
1747	463267.9	3772496	2.24E-10	0.00E+00	0.00E+00	0.00E+00	2.24E-10	3.43E-11	0.00E+00	0.00E+00	0.00E+00	3.43E-11	1.47E-11	0.00E+00	0.00E+00	0.00E+00	1.47E-11
1748	463276.4	3772499	2.25E-10	0.00E+00	0.00E+00	0.00E+00	2.25E-10	3.44E-11	0.00E+00	0.00E+00	0.00E+00	3.44E-11	1.48E-11	0.00E+00	0.00E+00	0.00E+00	1.48E-11
1749	463284.8	3772503	2.26E-10	0.00E+00	0.00E+00	0.00E+00	2.26E-10	3.46E-11	0.00E+00	0.00E+00	0.00E+00	3.46E-11	1.48E-11	0.00E+00	0.00E+00	0.00E+00	1.48E-11
1750	463293.2	3772506	2.27E-10	0.00E+00	0.00E+00	0.00E+00	2.27E-10	3.47E-11	0.00E+00	0.00E+00	0.00E+00	3.47E-11	1.49E-11	0.00E+00	0.00E+00	0.00E+00	1.49E-11
1751	463301.6	3772510	2.28E-10	0.00E+00	0.00E+00	0.00E+00	2.28E-10	3.49E-11	0.00E+00	0.00E+00	0.00E+00	3.49E-11	1.50E-11	0.00E+00	0.00E+00	0.00E+00	1.50E-11
1752	463310	3772513	2.29E-10	0.00E+00	0.00E+00	0.00E+00	2.29E-10	3.50E-11	0.00E+00	0.00E+00	0.00E+00	3.50E-11	1.50E-11	0.00E+00	0.00E+00	0.00E+00	1.50E-11
1753	463318.4	3772517	2.30E-10	0.00E+00	0.00E+00	0.00E+00	2.30E-10	3.52E-11	0.00E+00	0.00E+00	0.00E+00	3.52E-11	1.51E-11	0.00E+00	0.00E+00	0.00E+00	1.51E-11
1754	463326.8	3772520	2.30E-10	0.00E+00	0.00E+00	0.00E+00	2.30E-10	3.53E-11	0.00E+00	0.00E+00	0.00E+00	3.53E-11	1.51E-11	0.00E+00	0.00E+00	0.00E+00	1.51E-11
1755	463335.2	3772524	2.31E-10	0.00E+00	0.00E+00	0.00E+00	2.31E-10	3.54E-11	0.00E+00	0.00E+00	0.00E+00	3.54E-11	1.52E-11	0.00E+00	0.00E+00	0.00E+00	1.52E-11
1756	463343.6	3772527	2.32E-10	0.00E+00	0.00E+00	0.00E+00	2.32E-10	3.56E-11	0.00E+00	0.00E+00	0.00E+00	3.56E-11	1.52E-11	0.00E+00	0.00E+00	0.00E+00	1.52E-11
1757	463352	3772531	2.33E-10	0.00E+00	0.00E+00	0.00E+00	2.33E-10	3.57E-11	0.00E+00	0.00E+00	0.00E+00	3.57E-11	1.53E-11	0.00E+00	0.00E+00	0.00E+00	1.53E-11
1758	463360.4	3772534	2.34E-10	0.00E+00	0.00E+00	0.00E+00	2.34E-10	3.58E-11	0.00E+00	0.00E+00	0.00E+00	3.58E-11	1.54E-11	0.00E+00	0.00E+00	0.00E+00	1.54E-11
1759	463368.8	3772537	2.35E-10	0.00E+00	0.00E+00	0.00E+00	2.35E-10	3.59E-11	0.00E+00	0.00E+00	0.00E+00	3.59E-11	1.54E-11	0.00E+00	0.00E+00	0.00E+00	1.54E-11
1760	463377.2	3772541	2.36E-10	0.00E+00	0.00E+00	0.00E+00	2.36E-10	3.61E-11	0.00E+00	0.00E+00	0.00E+00	3.61E-11	1.55E-11	0.00E+00	0.00E+00	0.00E+00	1.55E-11
1761	463385.6	3772544	2.37E-10	0.00E+00	0.00E+00	0.00E+00	2.37E-10	3.62E-11	0.00E+00	0.00E+00	0.00E+00	3.62E-11	1.55E-11	0.00E+00	0.00E+00	0.00E+00	1.55E-11
1762	463394	3772548	2.37E-10	0.00E+00	0.00E+00	0.00E+00	2.37E-10	3.63E-11	0.00E+00	0.00E+00	0.00E+00	3.63E-11	1.56E-11	0.00E+00	0.00E+00	0.00E+00	1.56E-11
1763	463402.4	3772551	2.38E-10	0.00E+00	0.00E+00	0.00E+00	2.38E-10	3.65E-11	0.00E+00	0.00E+00	0.00E+00	3.65E-11	1.56E-11	0.00E+00	0.00E+00	0.00E+00	1.56E-11
1764	463444.4	3772569	2.43E-10	0.00E+00	0.00E+00	0.00E+00	2.43E-10	3.71E-11	0.00E+00	0.00E+00	0.00E+00	3.71E-11	1.59E-11	0.00E+00	0.00E+00	0.00E+00	1.59E-11
1765	463452.8	3772572	2.43E-10	0.00E+00	0.00E+00	0.00E+00	2.43E-10	3.73E-11	0.00E+00	0.00E+00	0.00E+00	3.73E-11	1.60E-11	0.00E+00	0.00E+00	0.00E+00	1.60E-11
1766	463461.2	3772576	2.44E-10	0.00E+00	0.00E+00	0.00E+00	2.44E-10	3.74E-11	0.00E+00	0.00E+00	0.00E+00	3.74E-11	1.60E-11	0.00E+00	0.00E+00	0.00E+00	1.60E-11
1767	463469.7	3772579	2.45E-10	0.00E+00	0.00E+00	0.00E+00	2.45E-10	3.75E-11	0.00E+00	0.00E+00	0.00E+00	3.75E-11	1.61E-11	0.00E+00	0.00E+00	0.00E+00	1.61E-11
1768	463478.1	3772582	2.46E-10	0.00E+00	0.00E+00	0.00E+00	2.46E-10	3.77E-11	0.00E+00	0.00E+00	0.00E+00	3.77E-11	1.61E-11	0.00E+00	0.00E+00	0.00E+00	1.61E-11
1769	463486.5	3772586	2.47E-10	0.00E+00	0.00E+00	0.00E+00	2.47E-10	3.78E-11	0.00E+00	0.00E+00	0.00E+00	3.78E-11	1.62E-11	0.00E+00	0.00E+00	0.00E+00	1.62E-11
1770	463494.9	3772589	2.48E-10	0.00E+00	0.00E+00	0.00E+00	2.48E-10	3.79E-11	0.00E+00	0.00E+00	0.00E+00	3.79E-11	1.63E-11	0.00E+00	0.00E+00	0.00E+00	1.63E-11
1771	463511.7	3772596	2.50E-10	0.00E+00	0.00E+00	0.00E+00	2.50E-10	3.82E-11	0.00E+00	0.00E+00	0.00E+00	3.82E-11	1.64E-11	0.00E+00	0.00E+00	0.00E+00	1.64E-11
1772	463520.1	3772600	2.50E-10	0.00E+00	0.00E+00	0.00E+00	2.50E-10	3.83E-11	0.00E+00	0.00E+00	0.00E+00	3.83E-11	1.64E-11	0.00E+00	0.00E+00	0.00E+00	1.64E-11
1773	463528.5	3772603	2.51E-10	0.00E+00	0.00E+00	0.00E+00	2.51E-10	3.85E-11	0.00E+00	0.00E+00	0.00E+00	3.85E-11	1.65E-11	0.00E+00	0.00E+00	0.00E+00	1.65E-11
1774	463536.9	3772607	2.52E-10	0.00E+00	0.00E+00	0.00E+00	2.52E-10	3.86E-11	0.00E+00	0.00E+00	0.00E+00	3.86E-11	1.66E-11	0.00E+00	0.00E+00	0.00E+00	1.66E-11
1775	463548.8	3772619	2.58E-10	0.00E+00	0.00E+00	0.00E+00	2.58E-10	3.95E-11	0.00E+00	0.00E+00	0.00E+00	3.95E-11	1.69E-11	0.00E+00	0.00E+00	0.00E+00	1.69E-11
1776	463552.3	3772627	2.63E-10	0.00E+00	0.00E+00	0.00E+00	2.63E-10	4.03E-11	0.00E+00	0.00E+00	0.00E+00	4.03E-11	1.73E-11	0.00E+00	0.00E+00	0.00E+00	1.73E-11
1777	463559.3	3772644	2.74E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-10	4.20E-11	0.00E+00	0.00E+00	0.00E+00	4.20E-11	1.80E-11	0.00E+00	0.00E+00	0.00E+00	1.80E-11
1778	463566.3	3772660	2.86E-10	0.00E+00	0.00E+00	0.00E+00	2.86E-10	4.38E-11	0.00E+00	0.00E+00	0.00E+00	4.38E-11	1.88E-11	0.00E+00	0.00E+00	0.00E+00	1.88E-11
1779	463569.8	3772669	2.92E-10	0.00E+00	0.00E+00	0.00E+00	2.92E-10	4.47E-11	0.00E+00	0.00E+00	0.00E+00	4.47E-11	1.92E-11	0.00E+00	0.00E+00	0.00E+00	1.92E-11
1780	463576.8	3772686	3.05E-10	0.00E+00	0.00E+00	0.00E+00	3.05E-10	4.67E-11	0.00E+00	0.00E+00	0.00E+00	4.67E-11	2.00E-11	0.00E+00	0.00E+00	0.00E+00	2.00E-11
1781	463583.7	3772702	3.19E-10	0.00E+00	0.00E+00	0.00E+00	3.19E-10	4.88E-11	0.00E+00	0.00E+00	0.00E+00	4.88E-11	2.09E-11	0.00E+00	0.00E+00	0.00E+00	2.09E-11
1782	463590.7	3772719	3.34E-10	0.00E+00	0.00E+00	0.00E+00	3.34E-10	5.11E-11	0.00E+00	0.00E+00	0.00E+00	5.11E-11	2.19E-11	0.00E+00	0.00E+00	0.00E+00	2.19E-11
1783	463597.7	3772736	3.50E-10	0.00E+00	0.00E+00	0.00E+00	3.50E-10	5.35E-11	0.00E+00	0.00E+00	0.00E+00	5.35E-11	2.29E-11	0.00E+00	0.00E+00	0.00E+00	2.29E-11
1784	463601.2	3772744	3.58E-10	0.00E+00	0.00E+00	0.00E+00	3.58E-10	5.48E-11	0.00E+00	0.00E+00	0.00E+00	5.48E-11	2.35E-11	0.00E+00	0.00E+00	0.00E+00	2.35E-11
1785	463608.2	3772761	3.76E-10	0.00E+00	0.00E+00	0.00E+00	3.76E-10	5.75E-11	0.00E+00	0.00E+00	0.00E+00	5.75E-11	2.47E-11	0.00E+00	0.00E+00	0.00E+00	2.47E-11
1786	463615.2	3772778	3.95E-10	0.00E+00	0.00E+00	0.00E+00	3.95E-10	6.04E-11	0.00E+00	0.00E+00	0.00E+00	6.04E-11	2.59E-11	0.00E+00	0.00E+00	0.00E+00	2.59E-11
1787	463622.2	3772795	4.15E-10	0.00E+00	0.00E+00	0.00E+00	4.15E-10	6.36E-11	0.00E+00	0.00E+00	0.00E+00	6.36E-11	2.72E-11	0.00E+00	0.00E+00	0.00E+00	2.72E-11
1788	463629.2	3772812	4.37E-10	0.00E+00	0.00E+00	0.00E+00	4.37E-10	6.69E-11	0.00E+00	0.00E+00	0.00E+00	6.69E-11	2.87E-11	0.00E+00	0.00E+00	0.00E+00	2.87E-11

1789	463632.7	3772820	4.49E-10	0.00E+00	0.00E+00	0.00E+00	4.49E-10		6.87E-11	0.00E+00	0.00E+00	0.00E+00	6.87E-11		2.94E-11	0.00E+00	0.00E+00	0.00E+00	2.94E-11
1790	463639.7	3772837	4.73E-10	0.00E+00	0.00E+00	0.00E+00	4.73E-10		7.24E-11	0.00E+00	0.00E+00	0.00E+00	7.24E-11		3.11E-11	0.00E+00	0.00E+00	0.00E+00	3.11E-11
1791	463646.7	3772853	4.99E-10	0.00E+00	0.00E+00	0.00E+00	4.99E-10		7.64E-11	0.00E+00	0.00E+00	0.00E+00	7.64E-11		3.28E-11	0.00E+00	0.00E+00	0.00E+00	3.28E-11
1792	463653.6	3772870	5.28E-10	0.00E+00	0.00E+00	0.00E+00	5.28E-10		8.08E-11	0.00E+00	0.00E+00	0.00E+00	8.08E-11		3.46E-11	0.00E+00	0.00E+00	0.00E+00	3.46E-11
1793	463657.1	3772879	5.43E-10	0.00E+00	0.00E+00	0.00E+00	5.43E-10		8.31E-11	0.00E+00	0.00E+00	0.00E+00	8.31E-11		3.56E-11	0.00E+00	0.00E+00	0.00E+00	3.56E-11
1794	463678.1	3772929	6.45E-10	0.00E+00	0.00E+00	0.00E+00	6.45E-10		9.87E-11	0.00E+00	0.00E+00	0.00E+00	9.87E-11		4.23E-11	0.00E+00	0.00E+00	0.00E+00	4.23E-11
1795	463685.1	3772946	6.84E-10	0.00E+00	0.00E+00	0.00E+00	6.84E-10		1.05E-10	0.00E+00	0.00E+00	0.00E+00	1.05E-10		4.49E-11	0.00E+00	0.00E+00	0.00E+00	4.49E-11
1796	463688.6	3772954	7.05E-10	0.00E+00	0.00E+00	0.00E+00	7.05E-10		1.08E-10	0.00E+00	0.00E+00	0.00E+00	1.08E-10		4.62E-11	0.00E+00	0.00E+00	0.00E+00	4.62E-11
1797	463695.6	3772971	7.48E-10	0.00E+00	0.00E+00	0.00E+00	7.48E-10		1.14E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-10		4.91E-11	0.00E+00	0.00E+00	0.00E+00	4.91E-11
1798	463702.6	3772988	7.94E-10	0.00E+00	0.00E+00	0.00E+00	7.94E-10		1.22E-10	0.00E+00	0.00E+00	0.00E+00	1.22E-10		5.21E-11	0.00E+00	0.00E+00	0.00E+00	5.21E-11
1799	463709.6	3773004	8.43E-10	0.00E+00	0.00E+00	0.00E+00	8.43E-10		1.29E-10	0.00E+00	0.00E+00	0.00E+00	1.29E-10		5.53E-11	0.00E+00	0.00E+00	0.00E+00	5.53E-11
1800	463716.6	3773021	8.94E-10	0.00E+00	0.00E+00	0.00E+00	8.94E-10		1.37E-10	0.00E+00	0.00E+00	0.00E+00	1.37E-10		5.87E-11	0.00E+00	0.00E+00	0.00E+00	5.87E-11
1801	463720.1	3773030	9.21E-10	0.00E+00	0.00E+00	0.00E+00	9.21E-10		1.41E-10	0.00E+00	0.00E+00	0.00E+00	1.41E-10		6.04E-11	0.00E+00	0.00E+00	0.00E+00	6.04E-11
1802	463727	3773046	9.76E-10	0.00E+00	0.00E+00	0.00E+00	9.76E-10		1.49E-10	0.00E+00	0.00E+00	0.00E+00	1.49E-10		6.40E-11	0.00E+00	0.00E+00	0.00E+00	6.40E-11
1803	463734	3773063	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09		1.58E-10	0.00E+00	0.00E+00	0.00E+00	1.58E-10		6.78E-11	0.00E+00	0.00E+00	0.00E+00	6.78E-11
1804	463741	3773080	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09		1.67E-10	0.00E+00	0.00E+00	0.00E+00	1.67E-10		7.16E-11	0.00E+00	0.00E+00	0.00E+00	7.16E-11
1805	463744.5	3773088	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09		1.72E-10	0.00E+00	0.00E+00	0.00E+00	1.72E-10		7.35E-11	0.00E+00	0.00E+00	0.00E+00	7.35E-11
1806	463751.5	3773105	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09		1.81E-10	0.00E+00	0.00E+00	0.00E+00	1.81E-10		7.75E-11	0.00E+00	0.00E+00	0.00E+00	7.75E-11
1807	463758.5	3773122	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09		1.90E-10	0.00E+00	0.00E+00	0.00E+00	1.90E-10		8.15E-11	0.00E+00	0.00E+00	0.00E+00	8.15E-11
1808	463032.3	3772359	1.87E-10	0.00E+00	0.00E+00	0.00E+00	1.87E-10		2.86E-11	0.00E+00	0.00E+00	0.00E+00	2.86E-11		1.23E-11	0.00E+00	0.00E+00	0.00E+00	1.23E-11
1809	463049	3772366	1.86E-10	0.00E+00	0.00E+00	0.00E+00	1.86E-10		2.85E-11	0.00E+00	0.00E+00	0.00E+00	2.85E-11		1.22E-11	0.00E+00	0.00E+00	0.00E+00	1.22E-11
1810	463057.3	3772369	1.86E-10	0.00E+00	0.00E+00	0.00E+00	1.86E-10		2.84E-11	0.00E+00	0.00E+00	0.00E+00	2.84E-11		1.22E-11	0.00E+00	0.00E+00	0.00E+00	1.22E-11
1811	463065.6	3772373	1.86E-10	0.00E+00	0.00E+00	0.00E+00	1.86E-10		2.84E-11	0.00E+00	0.00E+00	0.00E+00	2.84E-11		1.22E-11	0.00E+00	0.00E+00	0.00E+00	1.22E-11
1812	463082.3	3772380	1.86E-10	0.00E+00	0.00E+00	0.00E+00	1.86E-10		2.84E-11	0.00E+00	0.00E+00	0.00E+00	2.84E-11		1.22E-11	0.00E+00	0.00E+00	0.00E+00	1.22E-11
1813	463090.6	3772383	1.86E-10	0.00E+00	0.00E+00	0.00E+00	1.86E-10		2.85E-11	0.00E+00	0.00E+00	0.00E+00	2.85E-11		1.22E-11	0.00E+00	0.00E+00	0.00E+00	1.22E-11
1814	463107.2	3772390	1.87E-10	0.00E+00	0.00E+00	0.00E+00	1.87E-10		2.86E-11	0.00E+00	0.00E+00	0.00E+00	2.86E-11		1.23E-11	0.00E+00	0.00E+00	0.00E+00	1.23E-11
1815	463115.6	3772393	1.87E-10	0.00E+00	0.00E+00	0.00E+00	1.87E-10		2.87E-11	0.00E+00	0.00E+00	0.00E+00	2.87E-11		1.23E-11	0.00E+00	0.00E+00	0.00E+00	1.23E-11
1816	463123.9	3772397	1.88E-10	0.00E+00	0.00E+00	0.00E+00	1.88E-10		2.88E-11	0.00E+00	0.00E+00	0.00E+00	2.88E-11		1.23E-11	0.00E+00	0.00E+00	0.00E+00	1.23E-11
1817	463140.5	3772404	1.89E-10	0.00E+00	0.00E+00	0.00E+00	1.89E-10		2.90E-11	0.00E+00	0.00E+00	0.00E+00	2.90E-11		1.24E-11	0.00E+00	0.00E+00	0.00E+00	1.24E-11
1818	463148.9	3772407	1.90E-10	0.00E+00	0.00E+00	0.00E+00	1.90E-10		2.91E-11	0.00E+00	0.00E+00	0.00E+00	2.91E-11		1.25E-11	0.00E+00	0.00E+00	0.00E+00	1.25E-11
1819	463165.5	3772414	1.92E-10	0.00E+00	0.00E+00	0.00E+00	1.92E-10		2.94E-11	0.00E+00	0.00E+00	0.00E+00	2.94E-11		1.26E-11	0.00E+00	0.00E+00	0.00E+00	1.26E-11
1820	463173.9	3772417	1.93E-10	0.00E+00	0.00E+00	0.00E+00	1.93E-10		2.95E-11	0.00E+00	0.00E+00	0.00E+00	2.95E-11		1.27E-11	0.00E+00	0.00E+00	0.00E+00	1.27E-11
1821	463182.2	3772421	1.94E-10	0.00E+00	0.00E+00	0.00E+00	1.94E-10		2.97E-11	0.00E+00	0.00E+00	0.00E+00	2.97E-11		1.27E-11	0.00E+00	0.00E+00	0.00E+00	1.27E-11
1822	463198.8	3772428	1.96E-10	0.00E+00	0.00E+00	0.00E+00	1.96E-10		3.00E-11	0.00E+00	0.00E+00	0.00E+00	3.00E-11		1.28E-11	0.00E+00	0.00E+00	0.00E+00	1.28E-11
1823	463207.2	3772431	1.97E-10	0.00E+00	0.00E+00	0.00E+00	1.97E-10		3.01E-11	0.00E+00	0.00E+00	0.00E+00	3.01E-11		1.29E-11	0.00E+00	0.00E+00	0.00E+00	1.29E-11
1824	463223.8	3772438	1.99E-10	0.00E+00	0.00E+00	0.00E+00	1.99E-10		3.05E-11	0.00E+00	0.00E+00	0.00E+00	3.05E-11		1.31E-11	0.00E+00	0.00E+00	0.00E+00	1.31E-11
1825	463315.4	3772476	2.09E-10	0.00E+00	0.00E+00	0.00E+00	2.09E-10		3.20E-11	0.00E+00	0.00E+00	0.00E+00	3.20E-11		1.37E-11	0.00E+00	0.00E+00	0.00E+00	1.37E-11
1826	463323.7	3772479	2.10E-10	0.00E+00	0.00E+00	0.00E+00	2.10E-10		3.21E-11	0.00E+00	0.00E+00	0.00E+00	3.21E-11		1.38E-11	0.00E+00	0.00E+00	0.00E+00	1.38E-11
1827	463340.4	3772486	2.11E-10	0.00E+00	0.00E+00	0.00E+00	2.11E-10		3.23E-11	0.00E+00	0.00E+00	0.00E+00	3.23E-11		1.39E-11	0.00E+00	0.00E+00	0.00E+00	1.39E-11
1828	463348.7	3772489	2.12E-10	0.00E+00	0.00E+00	0.00E+00	2.12E-10		3.24E-11	0.00E+00	0.00E+00	0.00E+00	3.24E-11		1.39E-11	0.00E+00	0.00E+00	0.00E+00	1.39E-11
1829	463357	3772493	2.12E-10	0.00E+00	0.00E+00	0.00E+00	2.12E-10		3.25E-11	0.00E+00	0.00E+00	0.00E+00	3.25E-11		1.39E-11	0.00E+00	0.00E+00	0.00E+00	1.39E-11
1830	463373.7	3772500	2.14E-10	0.00E+00	0.00E+00	0.00E+00	2.14E-10		3.27E-11	0.00E+00	0.00E+00	0.00E+00	3.27E-11		1.40E-11	0.00E+00	0.00E+00	0.00E+00	1.40E-11
1831	463382	3772503	2.15E-10	0.00E+00	0.00E+00	0.00E+00	2.15E-10		3.29E-11	0.00E+00	0.00E+00	0.00E+00	3.29E-11		1.41E-11	0.00E+00	0.00E+00	0.00E+00	1.41E-11
1832	463398.7	3772510	2.16E-10	0.00E+00	0.00E+00	0.00E+00	2.16E-10		3.31E-11	0.00E+00	0.00E+00	0.00E+00	3.31E-11		1.42E-11	0.00E+00	0.00E+00	0.00E+00	1.42E-11
1833	463440.3	3772527	2.19E-10	0.00E+00	0.00E+00	0.00E+00	2.19E-10		3.36E-11	0.00E+00	0.00E+00	0.00E+00	3.36E-11		1.44E-11	0.00E+00	0.00E+00	0.00E+00	1.44E-11
1834	463456.9	3772534	2.21E-10	0.00E+00	0.00E+00	0.00E+00	2.21E-10		3.38E-11	0.00E+00	0.00E+00	0.00E+00	3.38E-11		1.45E-11	0.00E+00	0.00E+00	0.00E+00	1.45E-11
1835	463465.3	3772537	2.22E-10	0.00E+00	0.00E+00	0.00E+00	2.22E-10		3.39E-11	0.00E+00	0.00E+00	0.00E+00	3.39E-11		1.45E-11	0.00E+00	0.00E+00	0.00E+00	1.45E-11
1836	463473.6	3772541	2.22E-10	0.00E+00	0.00E+00	0.00E+00	2.22E-10		3.40E-11	0.00E+00	0.00E+00	0.00E+00	3.40E-11		1.46E-11	0.00E+00	0.00E+00	0.00E+00	1.46E-11
1837	463490.3	3772548	2.24E-10	0.00E+00	0.00E+00	0.00E+00	2.24E-10		3.43E-11	0.00E+00	0.00E+00	0.00E+00	3.43E-11		1.47E-11	0.00E+00	0.00E+00	0.00E+00	1.47E-11
1838	463498.6	3772551	2.25E-10	0.00E+00	0.00E+00	0.00E+00	2.25E-10		3.44E-11	0.00E+00	0.00E+00	0.00E+00	3.44E-11		1.47E-11	0.00E+00	0.00E+00	0.00E+00	1.47E-11
1839	463506.9	3772554	2.25E-10	0.00E+00	0.00E+00	0.00E+00	2.25E-10		3.45E-11	0.00E+00	0.00E+00	0.00E+00	3.45E-11		1.48E-11	0.00E+00	0.00E+00	0.00E+00	1.48E-11
1840	463523.6	3772561	2.27E-10	0.00E+00	0.00E+00	0.00E+00	2.27E-10		3.47E-11	0.00E+00	0.00E+00	0.00E+00	3.47E-11		1.49E-11	0.00E+00	0.00E+00	0.00E+00	1.49E-11
1841	463531.9	3772565	2.27E-10	0.00E+00	0.00E+00	0.00E+00	2.27E-10		3.48E-11	0.00E+00	0.00E+00	0.00E+00	3.48E-11		1.49E-11	0.00E+00	0.00E+00	0.00E+00	1.49E-11
1842	463548.5	3772572	2.29E-10	0.00E+00	0.00E+00	0.00E+00	2.29E-10		3.51E-11	0.00E+00	0.00E+00	0.00E+00	3.51E-11		1.50E-11	0.00E+00	0.00E+00	0.00E+00	1.50E-11
1843	463556.9	3772575	2.30E-10	0.00E+00	0.00E+00	0.00E+00	2.30E-10		3.52E-11	0.00E+00	0.00E+00	0.00E+00	3.52E-11		1.51E-11	0.00E+00	0.00E+00	0.00E+00	1.51E-11
1844	463565.2	3772578	2.30E-10	0.00E+00	0.00E+00	0.00E+00	2.30E-10		3.53E-11	0.00E+00	0.00E+00	0.00E+00	3.53E-11		1.51E-11	0.00E+00	0.00E+00	0.00E+00	1.51E-11

1845	463577	3772590	2.35E-10	0.00E+00	0.00E+00	0.00E+00	2.35E-10	3.60E-11	0.00E+00	0.00E+00	0.00E+00	3.60E-11	1.54E-11	0.00E+00	0.00E+00	0.00E+00	1.54E-11
1846	463580.4	3772598	2.40E-10	0.00E+00	0.00E+00	0.00E+00	2.40E-10	3.67E-11	0.00E+00	0.00E+00	0.00E+00	3.67E-11	1.57E-11	0.00E+00	0.00E+00	0.00E+00	1.57E-11
1847	463587.4	3772615	2.49E-10	0.00E+00	0.00E+00	0.00E+00	2.49E-10	3.81E-11	0.00E+00	0.00E+00	0.00E+00	3.81E-11	1.63E-11	0.00E+00	0.00E+00	0.00E+00	1.63E-11
1848	463594.3	3772632	2.59E-10	0.00E+00	0.00E+00	0.00E+00	2.59E-10	3.96E-11	0.00E+00	0.00E+00	0.00E+00	3.96E-11	1.70E-11	0.00E+00	0.00E+00	0.00E+00	1.70E-11
1849	463601.2	3772648	2.69E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-10	4.12E-11	0.00E+00	0.00E+00	0.00E+00	4.12E-11	1.77E-11	0.00E+00	0.00E+00	0.00E+00	1.77E-11
1850	463608.1	3772665	2.80E-10	0.00E+00	0.00E+00	0.00E+00	2.80E-10	4.29E-11	0.00E+00	0.00E+00	0.00E+00	4.29E-11	1.84E-11	0.00E+00	0.00E+00	0.00E+00	1.84E-11
1851	463615.1	3772682	2.92E-10	0.00E+00	0.00E+00	0.00E+00	2.92E-10	4.47E-11	0.00E+00	0.00E+00	0.00E+00	4.47E-11	1.92E-11	0.00E+00	0.00E+00	0.00E+00	1.92E-11
1852	463622	3772698	3.05E-10	0.00E+00	0.00E+00	0.00E+00	3.05E-10	4.67E-11	0.00E+00	0.00E+00	0.00E+00	4.67E-11	2.00E-11	0.00E+00	0.00E+00	0.00E+00	2.00E-11
1853	463628.9	3772715	3.18E-10	0.00E+00	0.00E+00	0.00E+00	3.18E-10	4.87E-11	0.00E+00	0.00E+00	0.00E+00	4.87E-11	2.09E-11	0.00E+00	0.00E+00	0.00E+00	2.09E-11
1854	463635.8	3772731	3.33E-10	0.00E+00	0.00E+00	0.00E+00	3.33E-10	5.09E-11	0.00E+00	0.00E+00	0.00E+00	5.09E-11	2.18E-11	0.00E+00	0.00E+00	0.00E+00	2.18E-11
1855	463642.8	3772748	3.48E-10	0.00E+00	0.00E+00	0.00E+00	3.48E-10	5.33E-11	0.00E+00	0.00E+00	0.00E+00	5.33E-11	2.28E-11	0.00E+00	0.00E+00	0.00E+00	2.28E-11
1856	463649.7	3772765	3.64E-10	0.00E+00	0.00E+00	0.00E+00	3.64E-10	5.58E-11	0.00E+00	0.00E+00	0.00E+00	5.58E-11	2.39E-11	0.00E+00	0.00E+00	0.00E+00	2.39E-11
1857	463656.6	3772781	3.82E-10	0.00E+00	0.00E+00	0.00E+00	3.82E-10	5.85E-11	0.00E+00	0.00E+00	0.00E+00	5.85E-11	2.51E-11	0.00E+00	0.00E+00	0.00E+00	2.51E-11
1858	463663.6	3772798	4.01E-10	0.00E+00	0.00E+00	0.00E+00	4.01E-10	6.14E-11	0.00E+00	0.00E+00	0.00E+00	6.14E-11	2.63E-11	0.00E+00	0.00E+00	0.00E+00	2.63E-11
1859	463670.5	3772815	4.21E-10	0.00E+00	0.00E+00	0.00E+00	4.21E-10	6.44E-11	0.00E+00	0.00E+00	0.00E+00	6.44E-11	2.76E-11	0.00E+00	0.00E+00	0.00E+00	2.76E-11
1860	463677.4	3772831	4.43E-10	0.00E+00	0.00E+00	0.00E+00	4.43E-10	6.78E-11	0.00E+00	0.00E+00	0.00E+00	6.78E-11	2.90E-11	0.00E+00	0.00E+00	0.00E+00	2.90E-11
1861	463684.3	3772848	4.66E-10	0.00E+00	0.00E+00	0.00E+00	4.66E-10	7.13E-11	0.00E+00	0.00E+00	0.00E+00	7.13E-11	3.06E-11	0.00E+00	0.00E+00	0.00E+00	3.06E-11
1862	463691.3	3772864	4.90E-10	0.00E+00	0.00E+00	0.00E+00	4.90E-10	7.51E-11	0.00E+00	0.00E+00	0.00E+00	7.51E-11	3.22E-11	0.00E+00	0.00E+00	0.00E+00	3.22E-11
1863	463719	3772931	6.08E-10	0.00E+00	0.00E+00	0.00E+00	6.08E-10	9.31E-11	0.00E+00	0.00E+00	0.00E+00	9.31E-11	3.99E-11	0.00E+00	0.00E+00	0.00E+00	3.99E-11
1864	463725.9	3772948	6.43E-10	0.00E+00	0.00E+00	0.00E+00	6.43E-10	9.84E-11	0.00E+00	0.00E+00	0.00E+00	9.84E-11	4.22E-11	0.00E+00	0.00E+00	0.00E+00	4.22E-11
1865	463732.8	3772964	6.80E-10	0.00E+00	0.00E+00	0.00E+00	6.80E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	1.04E-10	4.46E-11	0.00E+00	0.00E+00	0.00E+00	4.46E-11
1866	463739.7	3772981	7.19E-10	0.00E+00	0.00E+00	0.00E+00	7.19E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10	4.72E-11	0.00E+00	0.00E+00	0.00E+00	4.72E-11
1867	463746.7	3772997	7.61E-10	0.00E+00	0.00E+00	0.00E+00	7.61E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-10	4.99E-11	0.00E+00	0.00E+00	0.00E+00	4.99E-11
1868	463753.6	3773014	8.04E-10	0.00E+00	0.00E+00	0.00E+00	8.04E-10	1.23E-10	0.00E+00	0.00E+00	0.00E+00	1.23E-10	5.27E-11	0.00E+00	0.00E+00	0.00E+00	5.27E-11
1869	463760.5	3773031	8.49E-10	0.00E+00	0.00E+00	0.00E+00	8.49E-10	1.30E-10	0.00E+00	0.00E+00	0.00E+00	1.30E-10	5.57E-11	0.00E+00	0.00E+00	0.00E+00	5.57E-11
1870	463767.4	3773047	8.97E-10	0.00E+00	0.00E+00	0.00E+00	8.97E-10	1.37E-10	0.00E+00	0.00E+00	0.00E+00	1.37E-10	5.88E-11	0.00E+00	0.00E+00	0.00E+00	5.88E-11
1871	463774.4	3773064	9.45E-10	0.00E+00	0.00E+00	0.00E+00	9.45E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	1.45E-10	6.20E-11	0.00E+00	0.00E+00	0.00E+00	6.20E-11
1872	463781.3	3773081	9.95E-10	0.00E+00	0.00E+00	0.00E+00	9.95E-10	1.52E-10	0.00E+00	0.00E+00	0.00E+00	1.52E-10	6.53E-11	0.00E+00	0.00E+00	0.00E+00	6.53E-11
1873	463788.2	3773097	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09	1.60E-10	0.00E+00	0.00E+00	0.00E+00	1.60E-10	6.87E-11	0.00E+00	0.00E+00	0.00E+00	6.87E-11
1874	463795.1	3773114	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09	1.68E-10	0.00E+00	0.00E+00	0.00E+00	1.68E-10	7.21E-11	0.00E+00	0.00E+00	0.00E+00	7.21E-11
1875	463802.1	3773130	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09	1.76E-10	0.00E+00	0.00E+00	0.00E+00	1.76E-10	7.54E-11	0.00E+00	0.00E+00	0.00E+00	7.54E-11
1876	463032.4	3772319	1.72E-10	0.00E+00	0.00E+00	0.00E+00	1.72E-10	2.63E-11	0.00E+00	0.00E+00	0.00E+00	2.63E-11	1.13E-11	0.00E+00	0.00E+00	0.00E+00	1.13E-11
1877	463040.7	3772322	1.71E-10	0.00E+00	0.00E+00	0.00E+00	1.71E-10	2.62E-11	0.00E+00	0.00E+00	0.00E+00	2.62E-11	1.12E-11	0.00E+00	0.00E+00	0.00E+00	1.12E-11
1878	463049.1	3772326	1.71E-10	0.00E+00	0.00E+00	0.00E+00	1.71E-10	2.61E-11	0.00E+00	0.00E+00	0.00E+00	2.61E-11	1.12E-11	0.00E+00	0.00E+00	0.00E+00	1.12E-11
1879	463065.9	3772333	1.70E-10	0.00E+00	0.00E+00	0.00E+00	1.70E-10	2.61E-11	0.00E+00	0.00E+00	0.00E+00	2.61E-11	1.12E-11	0.00E+00	0.00E+00	0.00E+00	1.12E-11
1880	463074.2	3772336	1.70E-10	0.00E+00	0.00E+00	0.00E+00	1.70E-10	2.61E-11	0.00E+00	0.00E+00	0.00E+00	2.61E-11	1.12E-11	0.00E+00	0.00E+00	0.00E+00	1.12E-11
1881	463082.6	3772340	1.71E-10	0.00E+00	0.00E+00	0.00E+00	1.71E-10	2.61E-11	0.00E+00	0.00E+00	0.00E+00	2.61E-11	1.12E-11	0.00E+00	0.00E+00	0.00E+00	1.12E-11
1882	463091	3772343	1.71E-10	0.00E+00	0.00E+00	0.00E+00	1.71E-10	2.61E-11	0.00E+00	0.00E+00	0.00E+00	2.61E-11	1.12E-11	0.00E+00	0.00E+00	0.00E+00	1.12E-11
1883	463107.7	3772350	1.72E-10	0.00E+00	0.00E+00	0.00E+00	1.72E-10	2.63E-11	0.00E+00	0.00E+00	0.00E+00	2.63E-11	1.13E-11	0.00E+00	0.00E+00	0.00E+00	1.13E-11
1884	463116.1	3772353	1.72E-10	0.00E+00	0.00E+00	0.00E+00	1.72E-10	2.63E-11	0.00E+00	0.00E+00	0.00E+00	2.63E-11	1.13E-11	0.00E+00	0.00E+00	0.00E+00	1.13E-11
1885	463124.5	3772357	1.73E-10	0.00E+00	0.00E+00	0.00E+00	1.73E-10	2.64E-11	0.00E+00	0.00E+00	0.00E+00	2.64E-11	1.13E-11	0.00E+00	0.00E+00	0.00E+00	1.13E-11
1886	463141.2	3772364	1.74E-10	0.00E+00	0.00E+00	0.00E+00	1.74E-10	2.66E-11	0.00E+00	0.00E+00	0.00E+00	2.66E-11	1.14E-11	0.00E+00	0.00E+00	0.00E+00	1.14E-11
1887	463149.6	3772367	1.75E-10	0.00E+00	0.00E+00	0.00E+00	1.75E-10	2.67E-11	0.00E+00	0.00E+00	0.00E+00	2.67E-11	1.15E-11	0.00E+00	0.00E+00	0.00E+00	1.15E-11
1888	463158	3772371	1.75E-10	0.00E+00	0.00E+00	0.00E+00	1.75E-10	2.68E-11	0.00E+00	0.00E+00	0.00E+00	2.68E-11	1.15E-11	0.00E+00	0.00E+00	0.00E+00	1.15E-11
1889	463166.3	3772374	1.76E-10	0.00E+00	0.00E+00	0.00E+00	1.76E-10	2.70E-11	0.00E+00	0.00E+00	0.00E+00	2.70E-11	1.16E-11	0.00E+00	0.00E+00	0.00E+00	1.16E-11
1890	463183.1	3772381	1.78E-10	0.00E+00	0.00E+00	0.00E+00	1.78E-10	2.72E-11	0.00E+00	0.00E+00	0.00E+00	2.72E-11	1.17E-11	0.00E+00	0.00E+00	0.00E+00	1.17E-11
1891	463191.5	3772385	1.79E-10	0.00E+00	0.00E+00	0.00E+00	1.79E-10	2.74E-11	0.00E+00	0.00E+00	0.00E+00	2.74E-11	1.17E-11	0.00E+00	0.00E+00	0.00E+00	1.17E-11
1892	463199.8	3772388	1.80E-10	0.00E+00	0.00E+00	0.00E+00	1.80E-10	2.75E-11	0.00E+00	0.00E+00	0.00E+00	2.75E-11	1.18E-11	0.00E+00	0.00E+00	0.00E+00	1.18E-11
1893	463208.2	3772391	1.81E-10	0.00E+00	0.00E+00	0.00E+00	1.81E-10	2.77E-11	0.00E+00	0.00E+00	0.00E+00	2.77E-11	1.19E-11	0.00E+00	0.00E+00	0.00E+00	1.19E-11
1894	463224.9	3772398	1.83E-10	0.00E+00	0.00E+00	0.00E+00	1.83E-10	2.79E-11	0.00E+00	0.00E+00	0.00E+00	2.79E-11	1.20E-11	0.00E+00	0.00E+00	0.00E+00	1.20E-11
1895	463233.3	3772402	1.83E-10	0.00E+00	0.00E+00	0.00E+00	1.83E-10	2.81E-11	0.00E+00	0.00E+00	0.00E+00	2.81E-11	1.20E-11	0.00E+00	0.00E+00	0.00E+00	1.20E-11
1896	463241.7	3772405	1.84E-10	0.00E+00	0.00E+00	0.00E+00	1.84E-10	2.82E-11	0.00E+00	0.00E+00	0.00E+00	2.82E-11	1.21E-11	0.00E+00	0.00E+00	0.00E+00	1.21E-11
1897	463250.1	3772409	1.85E-10	0.00E+00	0.00E+00	0.00E+00	1.85E-10	2.84E-11	0.00E+00	0.00E+00	0.00E+00	2.84E-11	1.22E-11	0.00E+00	0.00E+00	0.00E+00	1.22E-11
1898	463266.8	3772416	1.87E-10	0.00E+00	0.00E+00	0.00E+00	1.87E-10	2.86E-11	0.00E+00	0.00E+00	0.00E+00	2.86E-11	1.23E-11	0.00E+00	0.00E+00	0.00E+00	1.23E-11
1899	463275.2	3772419	1.88E-10	0.00E+00	0.00E+00	0.00E+00	1.88E-10	2.88E-11	0.00E+00	0.00E+00	0.00E+00	2.88E-11	1.23E-11	0.00E+00	0.00E+00	0.00E+00	1.23E-11
1900	463283.6	3772422	1.89E-10	0.00E+00	0.00E+00	0.00E+00	1.89E-10	2.89E-11	0.00E+00	0.00E+00	0.00E+00	2.89E-11	1.24E-11	0.00E+00	0.00E+00	0.00E+00	1.24E-11

1901	463291.9	3772426	1.89E-10	0.00E+00	0.00E+00	0.00E+00	1.89E-10	2.90E-11	0.00E+00	0.00E+00	0.00E+00	2.90E-11	1.24E-11	0.00E+00	0.00E+00	0.00E+00	1.24E-11
1902	463308.7	3772433	1.91E-10	0.00E+00	0.00E+00	0.00E+00	1.91E-10	2.92E-11	0.00E+00	0.00E+00	0.00E+00	2.92E-11	1.25E-11	0.00E+00	0.00E+00	0.00E+00	1.25E-11
1903	463317.1	3772436	1.92E-10	0.00E+00	0.00E+00	0.00E+00	1.92E-10	2.93E-11	0.00E+00	0.00E+00	0.00E+00	2.93E-11	1.26E-11	0.00E+00	0.00E+00	0.00E+00	1.26E-11
1904	463442.7	3772488	2.01E-10	0.00E+00	0.00E+00	0.00E+00	2.01E-10	3.07E-11	0.00E+00	0.00E+00	0.00E+00	3.07E-11	1.32E-11	0.00E+00	0.00E+00	0.00E+00	1.32E-11
1905	463451	3772491	2.01E-10	0.00E+00	0.00E+00	0.00E+00	2.01E-10	3.08E-11	0.00E+00	0.00E+00	0.00E+00	3.08E-11	1.32E-11	0.00E+00	0.00E+00	0.00E+00	1.32E-11
1906	463467.8	3772498	2.02E-10	0.00E+00	0.00E+00	0.00E+00	2.02E-10	3.10E-11	0.00E+00	0.00E+00	0.00E+00	3.10E-11	1.33E-11	0.00E+00	0.00E+00	0.00E+00	1.33E-11
1907	463476.1	3772502	2.03E-10	0.00E+00	0.00E+00	0.00E+00	2.03E-10	3.11E-11	0.00E+00	0.00E+00	0.00E+00	3.11E-11	1.33E-11	0.00E+00	0.00E+00	0.00E+00	1.33E-11
1908	463484.5	3772505	2.04E-10	0.00E+00	0.00E+00	0.00E+00	2.04E-10	3.12E-11	0.00E+00	0.00E+00	0.00E+00	3.12E-11	1.34E-11	0.00E+00	0.00E+00	0.00E+00	1.34E-11
1909	463492.9	3772509	2.04E-10	0.00E+00	0.00E+00	0.00E+00	2.04E-10	3.13E-11	0.00E+00	0.00E+00	0.00E+00	3.13E-11	1.34E-11	0.00E+00	0.00E+00	0.00E+00	1.34E-11
1910	463509.6	3772516	2.05E-10	0.00E+00	0.00E+00	0.00E+00	2.05E-10	3.15E-11	0.00E+00	0.00E+00	0.00E+00	3.15E-11	1.35E-11	0.00E+00	0.00E+00	0.00E+00	1.35E-11
1911	463518	3772519	2.06E-10	0.00E+00	0.00E+00	0.00E+00	2.06E-10	3.15E-11	0.00E+00	0.00E+00	0.00E+00	3.15E-11	1.35E-11	0.00E+00	0.00E+00	0.00E+00	1.35E-11
1912	463526.4	3772522	2.07E-10	0.00E+00	0.00E+00	0.00E+00	2.07E-10	3.16E-11	0.00E+00	0.00E+00	0.00E+00	3.16E-11	1.36E-11	0.00E+00	0.00E+00	0.00E+00	1.36E-11
1913	463534.8	3772526	2.07E-10	0.00E+00	0.00E+00	0.00E+00	2.07E-10	3.18E-11	0.00E+00	0.00E+00	0.00E+00	3.18E-11	1.36E-11	0.00E+00	0.00E+00	0.00E+00	1.36E-11
1914	463551.5	3772533	2.09E-10	0.00E+00	0.00E+00	0.00E+00	2.09E-10	3.19E-11	0.00E+00	0.00E+00	0.00E+00	3.19E-11	1.37E-11	0.00E+00	0.00E+00	0.00E+00	1.37E-11
1915	463559.9	3772536	2.09E-10	0.00E+00	0.00E+00	0.00E+00	2.09E-10	3.20E-11	0.00E+00	0.00E+00	0.00E+00	3.20E-11	1.37E-11	0.00E+00	0.00E+00	0.00E+00	1.37E-11
1916	463568.3	3772540	2.10E-10	0.00E+00	0.00E+00	0.00E+00	2.10E-10	3.21E-11	0.00E+00	0.00E+00	0.00E+00	3.21E-11	1.38E-11	0.00E+00	0.00E+00	0.00E+00	1.38E-11
1917	463585	3772547	2.11E-10	0.00E+00	0.00E+00	0.00E+00	2.11E-10	3.23E-11	0.00E+00	0.00E+00	0.00E+00	3.23E-11	1.39E-11	0.00E+00	0.00E+00	0.00E+00	1.39E-11
1918	463593.4	3772550	2.12E-10	0.00E+00	0.00E+00	0.00E+00	2.12E-10	3.24E-11	0.00E+00	0.00E+00	0.00E+00	3.24E-11	1.39E-11	0.00E+00	0.00E+00	0.00E+00	1.39E-11
1919	463605.2	3772562	2.16E-10	0.00E+00	0.00E+00	0.00E+00	2.16E-10	3.31E-11	0.00E+00	0.00E+00	0.00E+00	3.31E-11	1.42E-11	0.00E+00	0.00E+00	0.00E+00	1.42E-11
1920	463608.7	3772570	2.20E-10	0.00E+00	0.00E+00	0.00E+00	2.20E-10	3.37E-11	0.00E+00	0.00E+00	0.00E+00	3.37E-11	1.44E-11	0.00E+00	0.00E+00	0.00E+00	1.44E-11
1921	463615.7	3772587	2.28E-10	0.00E+00	0.00E+00	0.00E+00	2.28E-10	3.49E-11	0.00E+00	0.00E+00	0.00E+00	3.49E-11	1.50E-11	0.00E+00	0.00E+00	0.00E+00	1.50E-11
1922	463622.6	3772604	2.36E-10	0.00E+00	0.00E+00	0.00E+00	2.36E-10	3.62E-11	0.00E+00	0.00E+00	0.00E+00	3.62E-11	1.55E-11	0.00E+00	0.00E+00	0.00E+00	1.55E-11
1923	463626.1	3772612	2.41E-10	0.00E+00	0.00E+00	0.00E+00	2.41E-10	3.68E-11	0.00E+00	0.00E+00	0.00E+00	3.68E-11	1.58E-11	0.00E+00	0.00E+00	0.00E+00	1.58E-11
1924	463633.1	3772629	2.50E-10	0.00E+00	0.00E+00	0.00E+00	2.50E-10	3.82E-11	0.00E+00	0.00E+00	0.00E+00	3.82E-11	1.64E-11	0.00E+00	0.00E+00	0.00E+00	1.64E-11
1925	463640.1	3772645	2.60E-10	0.00E+00	0.00E+00	0.00E+00	2.60E-10	3.97E-11	0.00E+00	0.00E+00	0.00E+00	3.97E-11	1.70E-11	0.00E+00	0.00E+00	0.00E+00	1.70E-11
1926	463647	3772662	2.70E-10	0.00E+00	0.00E+00	0.00E+00	2.70E-10	4.13E-11	0.00E+00	0.00E+00	0.00E+00	4.13E-11	1.77E-11	0.00E+00	0.00E+00	0.00E+00	1.77E-11
1927	463654	3772679	2.81E-10	0.00E+00	0.00E+00	0.00E+00	2.81E-10	4.30E-11	0.00E+00	0.00E+00	0.00E+00	4.30E-11	1.84E-11	0.00E+00	0.00E+00	0.00E+00	1.84E-11
1928	463657.5	3772687	2.87E-10	0.00E+00	0.00E+00	0.00E+00	2.87E-10	4.39E-11	0.00E+00	0.00E+00	0.00E+00	4.39E-11	1.88E-11	0.00E+00	0.00E+00	0.00E+00	1.88E-11
1929	463664.4	3772704	2.99E-10	0.00E+00	0.00E+00	0.00E+00	2.99E-10	4.57E-11	0.00E+00	0.00E+00	0.00E+00	4.57E-11	1.96E-11	0.00E+00	0.00E+00	0.00E+00	1.96E-11
1930	463671.4	3772721	3.12E-10	0.00E+00	0.00E+00	0.00E+00	3.12E-10	4.77E-11	0.00E+00	0.00E+00	0.00E+00	4.77E-11	2.05E-11	0.00E+00	0.00E+00	0.00E+00	2.05E-11
1931	463678.4	3772737	3.26E-10	0.00E+00	0.00E+00	0.00E+00	3.26E-10	4.98E-11	0.00E+00	0.00E+00	0.00E+00	4.98E-11	2.14E-11	0.00E+00	0.00E+00	0.00E+00	2.14E-11
1932	463681.8	3772746	3.33E-10	0.00E+00	0.00E+00	0.00E+00	3.33E-10	5.09E-11	0.00E+00	0.00E+00	0.00E+00	5.09E-11	2.18E-11	0.00E+00	0.00E+00	0.00E+00	2.18E-11
1933	463688.8	3772762	3.48E-10	0.00E+00	0.00E+00	0.00E+00	3.48E-10	5.33E-11	0.00E+00	0.00E+00	0.00E+00	5.33E-11	2.28E-11	0.00E+00	0.00E+00	0.00E+00	2.28E-11
1934	463695.8	3772779	3.64E-10	0.00E+00	0.00E+00	0.00E+00	3.64E-10	5.57E-11	0.00E+00	0.00E+00	0.00E+00	5.57E-11	2.39E-11	0.00E+00	0.00E+00	0.00E+00	2.39E-11
1935	463702.7	3772796	3.81E-10	0.00E+00	0.00E+00	0.00E+00	3.81E-10	5.84E-11	0.00E+00	0.00E+00	0.00E+00	5.84E-11	2.50E-11	0.00E+00	0.00E+00	0.00E+00	2.50E-11
1936	463709.7	3772813	4.00E-10	0.00E+00	0.00E+00	0.00E+00	4.00E-10	6.12E-11	0.00E+00	0.00E+00	0.00E+00	6.12E-11	2.62E-11	0.00E+00	0.00E+00	0.00E+00	2.62E-11
1937	463713.2	3772821	4.09E-10	0.00E+00	0.00E+00	0.00E+00	4.09E-10	6.27E-11	0.00E+00	0.00E+00	0.00E+00	6.27E-11	2.69E-11	0.00E+00	0.00E+00	0.00E+00	2.69E-11
1938	463720.1	3772838	4.30E-10	0.00E+00	0.00E+00	0.00E+00	4.30E-10	6.58E-11	0.00E+00	0.00E+00	0.00E+00	6.58E-11	2.82E-11	0.00E+00	0.00E+00	0.00E+00	2.82E-11
1939	463727.1	3772854	4.51E-10	0.00E+00	0.00E+00	0.00E+00	4.51E-10	6.91E-11	0.00E+00	0.00E+00	0.00E+00	6.91E-11	2.96E-11	0.00E+00	0.00E+00	0.00E+00	2.96E-11
1940	463734.1	3772871	4.74E-10	0.00E+00	0.00E+00	0.00E+00	4.74E-10	7.26E-11	0.00E+00	0.00E+00	0.00E+00	7.26E-11	3.11E-11	0.00E+00	0.00E+00	0.00E+00	3.11E-11
1941	463758.5	3772930	5.69E-10	0.00E+00	0.00E+00	0.00E+00	5.69E-10	8.70E-11	0.00E+00	0.00E+00	0.00E+00	8.70E-11	3.73E-11	0.00E+00	0.00E+00	0.00E+00	3.73E-11
1942	463761.9	3772938	5.84E-10	0.00E+00	0.00E+00	0.00E+00	5.84E-10	8.94E-11	0.00E+00	0.00E+00	0.00E+00	8.94E-11	3.83E-11	0.00E+00	0.00E+00	0.00E+00	3.83E-11
1943	463768.9	3772955	6.16E-10	0.00E+00	0.00E+00	0.00E+00	6.16E-10	9.42E-11	0.00E+00	0.00E+00	0.00E+00	9.42E-11	4.04E-11	0.00E+00	0.00E+00	0.00E+00	4.04E-11
1944	463775.9	3772971	6.49E-10	0.00E+00	0.00E+00	0.00E+00	6.49E-10	9.94E-11	0.00E+00	0.00E+00	0.00E+00	9.94E-11	4.26E-11	0.00E+00	0.00E+00	0.00E+00	4.26E-11
1945	463782.8	3772988	6.85E-10	0.00E+00	0.00E+00	0.00E+00	6.85E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	1.05E-10	4.49E-11	0.00E+00	0.00E+00	0.00E+00	4.49E-11
1946	463789.8	3773005	7.22E-10	0.00E+00	0.00E+00	0.00E+00	7.22E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	1.11E-10	4.74E-11	0.00E+00	0.00E+00	0.00E+00	4.74E-11
1947	463793.3	3773013	7.42E-10	0.00E+00	0.00E+00	0.00E+00	7.42E-10	1.14E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-10	4.87E-11	0.00E+00	0.00E+00	0.00E+00	4.87E-11
1948	463800.2	3773030	7.81E-10	0.00E+00	0.00E+00	0.00E+00	7.81E-10	1.20E-10	0.00E+00	0.00E+00	0.00E+00	1.20E-10	5.13E-11	0.00E+00	0.00E+00	0.00E+00	5.13E-11
1949	463807.2	3773047	8.23E-10	0.00E+00	0.00E+00	0.00E+00	8.23E-10	1.26E-10	0.00E+00	0.00E+00	0.00E+00	1.26E-10	5.40E-11	0.00E+00	0.00E+00	0.00E+00	5.40E-11
1950	463814.2	3773063	8.66E-10	0.00E+00	0.00E+00	0.00E+00	8.66E-10	1.33E-10	0.00E+00	0.00E+00	0.00E+00	1.33E-10	5.68E-11	0.00E+00	0.00E+00	0.00E+00	5.68E-11
1951	463817.7	3773072	8.87E-10	0.00E+00	0.00E+00	0.00E+00	8.87E-10	1.36E-10	0.00E+00	0.00E+00	0.00E+00	1.36E-10	5.82E-11	0.00E+00	0.00E+00	0.00E+00	5.82E-11
1952	463824.6	3773088	9.32E-10	0.00E+00	0.00E+00	0.00E+00	9.32E-10	1.43E-10	0.00E+00	0.00E+00	0.00E+00	1.43E-10	6.11E-11	0.00E+00	0.00E+00	0.00E+00	6.11E-11
1953	463831.6	3773105	9.77E-10	0.00E+00	0.00E+00	0.00E+00	9.77E-10	1.49E-10	0.00E+00	0.00E+00	0.00E+00	1.49E-10	6.41E-11	0.00E+00	0.00E+00	0.00E+00	6.41E-11
1954	463838.5	3773122	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09	1.56E-10	0.00E+00	0.00E+00	0.00E+00	1.56E-10	6.70E-11	0.00E+00	0.00E+00	0.00E+00	6.70E-11
1955	463845.5	3773139	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09	1.63E-10	0.00E+00	0.00E+00	0.00E+00	1.63E-10	7.00E-11	0.00E+00	0.00E+00	0.00E+00	7.00E-11
1956	463032.1	3772279	1.58E-10	0.00E+00	0.00E+00	0.00E+00	1.58E-10	2.42E-11	0.00E+00	0.00E+00	0.00E+00	2.42E-11	1.04E-11	0.00E+00	0.00E+00	0.00E+00	1.04E-11

1957	463048.7	3772286	1.58E-10	0.00E+00	0.00E+00	0.00E+00	1.58E-10	2.41E-11	0.00E+00	0.00E+00	0.00E+00	2.41E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00	1.03E-11
1958	463065.3	3772293	1.57E-10	0.00E+00	0.00E+00	0.00E+00	1.57E-10	2.41E-11	0.00E+00	0.00E+00	0.00E+00	2.41E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00	1.03E-11
1959	463073.6	3772296	1.57E-10	0.00E+00	0.00E+00	0.00E+00	1.57E-10	2.41E-11	0.00E+00	0.00E+00	0.00E+00	2.41E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00	1.03E-11
1960	463090.2	3772303	1.58E-10	0.00E+00	0.00E+00	0.00E+00	1.58E-10	2.41E-11	0.00E+00	0.00E+00	0.00E+00	2.41E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00	1.03E-11
1961	463098.5	3772306	1.58E-10	0.00E+00	0.00E+00	0.00E+00	1.58E-10	2.42E-11	0.00E+00	0.00E+00	0.00E+00	2.42E-11	1.04E-11	0.00E+00	0.00E+00	0.00E+00	1.04E-11
1962	463106.8	3772310	1.58E-10	0.00E+00	0.00E+00	0.00E+00	1.58E-10	2.42E-11	0.00E+00	0.00E+00	0.00E+00	2.42E-11	1.04E-11	0.00E+00	0.00E+00	0.00E+00	1.04E-11
1963	463123.4	3772317	1.59E-10	0.00E+00	0.00E+00	0.00E+00	1.59E-10	2.44E-11	0.00E+00	0.00E+00	0.00E+00	2.44E-11	1.04E-11	0.00E+00	0.00E+00	0.00E+00	1.04E-11
1964	463131.7	3772320	1.60E-10	0.00E+00	0.00E+00	0.00E+00	1.60E-10	2.44E-11	0.00E+00	0.00E+00	0.00E+00	2.44E-11	1.05E-11	0.00E+00	0.00E+00	0.00E+00	1.05E-11
1965	463148.3	3772327	1.61E-10	0.00E+00	0.00E+00	0.00E+00	1.61E-10	2.46E-11	0.00E+00	0.00E+00	0.00E+00	2.46E-11	1.06E-11	0.00E+00	0.00E+00	0.00E+00	1.06E-11
1966	463156.6	3772330	1.62E-10	0.00E+00	0.00E+00	0.00E+00	1.62E-10	2.47E-11	0.00E+00	0.00E+00	0.00E+00	2.47E-11	1.06E-11	0.00E+00	0.00E+00	0.00E+00	1.06E-11
1967	463173.2	3772337	1.63E-10	0.00E+00	0.00E+00	0.00E+00	1.63E-10	2.50E-11	0.00E+00	0.00E+00	0.00E+00	2.50E-11	1.07E-11	0.00E+00	0.00E+00	0.00E+00	1.07E-11
1968	463189.8	3772344	1.65E-10	0.00E+00	0.00E+00	0.00E+00	1.65E-10	2.52E-11	0.00E+00	0.00E+00	0.00E+00	2.52E-11	1.08E-11	0.00E+00	0.00E+00	0.00E+00	1.08E-11
1969	463206.5	3772351	1.66E-10	0.00E+00	0.00E+00	0.00E+00	1.66E-10	2.55E-11	0.00E+00	0.00E+00	0.00E+00	2.55E-11	1.09E-11	0.00E+00	0.00E+00	0.00E+00	1.09E-11
1970	463214.8	3772354	1.67E-10	0.00E+00	0.00E+00	0.00E+00	1.67E-10	2.56E-11	0.00E+00	0.00E+00	0.00E+00	2.56E-11	1.10E-11	0.00E+00	0.00E+00	0.00E+00	1.10E-11
1971	463231.4	3772361	1.69E-10	0.00E+00	0.00E+00	0.00E+00	1.69E-10	2.59E-11	0.00E+00	0.00E+00	0.00E+00	2.59E-11	1.11E-11	0.00E+00	0.00E+00	0.00E+00	1.11E-11
1972	463248	3772368	1.71E-10	0.00E+00	0.00E+00	0.00E+00	1.71E-10	2.61E-11	0.00E+00	0.00E+00	0.00E+00	2.61E-11	1.12E-11	0.00E+00	0.00E+00	0.00E+00	1.12E-11
1973	463256.3	3772371	1.71E-10	0.00E+00	0.00E+00	0.00E+00	1.71E-10	2.62E-11	0.00E+00	0.00E+00	0.00E+00	2.62E-11	1.12E-11	0.00E+00	0.00E+00	0.00E+00	1.12E-11
1974	463264.6	3772375	1.72E-10	0.00E+00	0.00E+00	0.00E+00	1.72E-10	2.64E-11	0.00E+00	0.00E+00	0.00E+00	2.64E-11	1.13E-11	0.00E+00	0.00E+00	0.00E+00	1.13E-11
1975	463281.2	3772382	1.74E-10	0.00E+00	0.00E+00	0.00E+00	1.74E-10	2.66E-11	0.00E+00	0.00E+00	0.00E+00	2.66E-11	1.14E-11	0.00E+00	0.00E+00	0.00E+00	1.14E-11
1976	463289.5	3772385	1.74E-10	0.00E+00	0.00E+00	0.00E+00	1.74E-10	2.67E-11	0.00E+00	0.00E+00	0.00E+00	2.67E-11	1.14E-11	0.00E+00	0.00E+00	0.00E+00	1.14E-11
1977	463306.1	3772392	1.76E-10	0.00E+00	0.00E+00	0.00E+00	1.76E-10	2.69E-11	0.00E+00	0.00E+00	0.00E+00	2.69E-11	1.15E-11	0.00E+00	0.00E+00	0.00E+00	1.15E-11
1978	463314.4	3772395	1.76E-10	0.00E+00	0.00E+00	0.00E+00	1.76E-10	2.70E-11	0.00E+00	0.00E+00	0.00E+00	2.70E-11	1.16E-11	0.00E+00	0.00E+00	0.00E+00	1.16E-11
1979	463331	3772402	1.78E-10	0.00E+00	0.00E+00	0.00E+00	1.78E-10	2.72E-11	0.00E+00	0.00E+00	0.00E+00	2.72E-11	1.17E-11	0.00E+00	0.00E+00	0.00E+00	1.17E-11
1980	463339.3	3772405	1.78E-10	0.00E+00	0.00E+00	0.00E+00	1.78E-10	2.73E-11	0.00E+00	0.00E+00	0.00E+00	2.73E-11	1.17E-11	0.00E+00	0.00E+00	0.00E+00	1.17E-11
1981	463355.9	3772412	1.79E-10	0.00E+00	0.00E+00	0.00E+00	1.79E-10	2.75E-11	0.00E+00	0.00E+00	0.00E+00	2.75E-11	1.18E-11	0.00E+00	0.00E+00	0.00E+00	1.18E-11
1982	463372.5	3772419	1.80E-10	0.00E+00	0.00E+00	0.00E+00	1.80E-10	2.76E-11	0.00E+00	0.00E+00	0.00E+00	2.76E-11	1.18E-11	0.00E+00	0.00E+00	0.00E+00	1.18E-11
1983	463380.8	3772423	1.81E-10	0.00E+00	0.00E+00	0.00E+00	1.81E-10	2.77E-11	0.00E+00	0.00E+00	0.00E+00	2.77E-11	1.19E-11	0.00E+00	0.00E+00	0.00E+00	1.19E-11
1984	463389.1	3772426	1.81E-10	0.00E+00	0.00E+00	0.00E+00	1.81E-10	2.78E-11	0.00E+00	0.00E+00	0.00E+00	2.78E-11	1.19E-11	0.00E+00	0.00E+00	0.00E+00	1.19E-11
1985	463488.8	3772467	1.87E-10	0.00E+00	0.00E+00	0.00E+00	1.87E-10	2.87E-11	0.00E+00	0.00E+00	0.00E+00	2.87E-11	1.23E-11	0.00E+00	0.00E+00	0.00E+00	1.23E-11
1986	463497.1	3772470	1.88E-10	0.00E+00	0.00E+00	0.00E+00	1.88E-10	2.87E-11	0.00E+00	0.00E+00	0.00E+00	2.87E-11	1.23E-11	0.00E+00	0.00E+00	0.00E+00	1.23E-11
1987	463513.7	3772477	1.89E-10	0.00E+00	0.00E+00	0.00E+00	1.89E-10	2.89E-11	0.00E+00	0.00E+00	0.00E+00	2.89E-11	1.24E-11	0.00E+00	0.00E+00	0.00E+00	1.24E-11
1988	463530.3	3772484	1.90E-10	0.00E+00	0.00E+00	0.00E+00	1.90E-10	2.91E-11	0.00E+00	0.00E+00	0.00E+00	2.91E-11	1.25E-11	0.00E+00	0.00E+00	0.00E+00	1.25E-11
1989	463538.6	3772488	1.90E-10	0.00E+00	0.00E+00	0.00E+00	1.90E-10	2.91E-11	0.00E+00	0.00E+00	0.00E+00	2.91E-11	1.25E-11	0.00E+00	0.00E+00	0.00E+00	1.25E-11
1990	463546.9	3772491	1.91E-10	0.00E+00	0.00E+00	0.00E+00	1.91E-10	2.92E-11	0.00E+00	0.00E+00	0.00E+00	2.92E-11	1.25E-11	0.00E+00	0.00E+00	0.00E+00	1.25E-11
1991	463563.5	3772498	1.92E-10	0.00E+00	0.00E+00	0.00E+00	1.92E-10	2.94E-11	0.00E+00	0.00E+00	0.00E+00	2.94E-11	1.26E-11	0.00E+00	0.00E+00	0.00E+00	1.26E-11
1992	463571.8	3772501	1.92E-10	0.00E+00	0.00E+00	0.00E+00	1.92E-10	2.95E-11	0.00E+00	0.00E+00	0.00E+00	2.95E-11	1.26E-11	0.00E+00	0.00E+00	0.00E+00	1.26E-11
1993	463588.4	3772508	1.94E-10	0.00E+00	0.00E+00	0.00E+00	1.94E-10	2.96E-11	0.00E+00	0.00E+00	0.00E+00	2.96E-11	1.27E-11	0.00E+00	0.00E+00	0.00E+00	1.27E-11
1994	463596.8	3772511	1.94E-10	0.00E+00	0.00E+00	0.00E+00	1.94E-10	2.97E-11	0.00E+00	0.00E+00	0.00E+00	2.97E-11	1.27E-11	0.00E+00	0.00E+00	0.00E+00	1.27E-11
1995	463613.4	3772518	1.95E-10	0.00E+00	0.00E+00	0.00E+00	1.95E-10	2.99E-11	0.00E+00	0.00E+00	0.00E+00	2.99E-11	1.28E-11	0.00E+00	0.00E+00	0.00E+00	1.28E-11
1996	463621.7	3772522	1.96E-10	0.00E+00	0.00E+00	0.00E+00	1.96E-10	3.00E-11	0.00E+00	0.00E+00	0.00E+00	3.00E-11	1.28E-11	0.00E+00	0.00E+00	0.00E+00	1.28E-11
1997	463633.4	3772533	1.99E-10	0.00E+00	0.00E+00	0.00E+00	1.99E-10	3.05E-11	0.00E+00	0.00E+00	0.00E+00	3.05E-11	1.31E-11	0.00E+00	0.00E+00	0.00E+00	1.31E-11
1998	463640.3	3772550	2.06E-10	0.00E+00	0.00E+00	0.00E+00	2.06E-10	3.15E-11	0.00E+00	0.00E+00	0.00E+00	3.15E-11	1.35E-11	0.00E+00	0.00E+00	0.00E+00	1.35E-11
1999	463647.2	3772567	2.13E-10	0.00E+00	0.00E+00	0.00E+00	2.13E-10	3.26E-11	0.00E+00	0.00E+00	0.00E+00	3.26E-11	1.40E-11	0.00E+00	0.00E+00	0.00E+00	1.40E-11
2000	463654.1	3772583	2.20E-10	0.00E+00	0.00E+00	0.00E+00	2.20E-10	3.37E-11	0.00E+00	0.00E+00	0.00E+00	3.37E-11	1.45E-11	0.00E+00	0.00E+00	0.00E+00	1.45E-11
2001	463661.1	3772600	2.28E-10	0.00E+00	0.00E+00	0.00E+00	2.28E-10	3.49E-11	0.00E+00	0.00E+00	0.00E+00	3.49E-11	1.50E-11	0.00E+00	0.00E+00	0.00E+00	1.50E-11
2002	463668	3772616	2.36E-10	0.00E+00	0.00E+00	0.00E+00	2.36E-10	3.62E-11	0.00E+00	0.00E+00	0.00E+00	3.62E-11	1.55E-11	0.00E+00	0.00E+00	0.00E+00	1.55E-11
2003	463674.9	3772633	2.45E-10	0.00E+00	0.00E+00	0.00E+00	2.45E-10	3.75E-11	0.00E+00	0.00E+00	0.00E+00	3.75E-11	1.61E-11	0.00E+00	0.00E+00	0.00E+00	1.61E-11
2004	463681.8	3772649	2.54E-10	0.00E+00	0.00E+00	0.00E+00	2.54E-10	3.89E-11	0.00E+00	0.00E+00	0.00E+00	3.89E-11	1.67E-11	0.00E+00	0.00E+00	0.00E+00	1.67E-11
2005	463688.7	3772666	2.64E-10	0.00E+00	0.00E+00	0.00E+00	2.64E-10	4.04E-11	0.00E+00	0.00E+00	0.00E+00	4.04E-11	1.73E-11	0.00E+00	0.00E+00	0.00E+00	1.73E-11
2006	463695.6	3772683	2.75E-10	0.00E+00	0.00E+00	0.00E+00	2.75E-10	4.20E-11	0.00E+00	0.00E+00	0.00E+00	4.20E-11	1.80E-11	0.00E+00	0.00E+00	0.00E+00	1.80E-11
2007	463702.5	3772699	2.86E-10	0.00E+00	0.00E+00	0.00E+00	2.86E-10	4.37E-11	0.00E+00	0.00E+00	0.00E+00	4.37E-11	1.87E-11	0.00E+00	0.00E+00	0.00E+00	1.87E-11
2008	463709.4	3772716	2.97E-10	0.00E+00	0.00E+00	0.00E+00	2.97E-10	4.55E-11	0.00E+00	0.00E+00	0.00E+00	4.55E-11	1.95E-11	0.00E+00	0.00E+00	0.00E+00	1.95E-11
2009	463716.3	3772732	3.10E-10	0.00E+00	0.00E+00	0.00E+00	3.10E-10	4.74E-11	0.00E+00	0.00E+00	0.00E+00	4.74E-11	2.03E-11	0.00E+00	0.00E+00	0.00E+00	2.03E-11
2010	463719.8	3772741	3.16E-10	0.00E+00	0.00E+00	0.00E+00	3.16E-10	4.84E-11	0.00E+00	0.00E+00	0.00E+00	4.84E-11	2.08E-11	0.00E+00	0.00E+00	0.00E+00	2.08E-11
2011	463726.7	3772757	3.30E-10	0.00E+00	0.00E+00	0.00E+00	3.30E-10	5.05E-11	0.00E+00	0.00E+00	0.00E+00	5.05E-11	2.16E-11	0.00E+00	0.00E+00	0.00E+00	2.16E-11
2012	463733.6	3772774	3.44E-10	0.00E+00	0.00E+00	0.00E+00	3.44E-10	5.27E-11	0.00E+00	0.00E+00	0.00E+00	5.27E-11	2.26E-11	0.00E+00	0.00E+00	0.00E+00	2.26E-11

2013	463740.5	3772790	3.60E-10	0.00E+00	0.00E+00	0.00E+00	3.60E-10	5.51E-11	0.00E+00	0.00E+00	0.00E+00	5.51E-11	2.36E-11	0.00E+00	0.00E+00	0.00E+00	2.36E-11
2014	463747.4	3772807	3.76E-10	0.00E+00	0.00E+00	0.00E+00	3.76E-10	5.76E-11	0.00E+00	0.00E+00	0.00E+00	5.76E-11	2.47E-11	0.00E+00	0.00E+00	0.00E+00	2.47E-11
2015	463754.3	3772824	3.94E-10	0.00E+00	0.00E+00	0.00E+00	3.94E-10	6.02E-11	0.00E+00	0.00E+00	0.00E+00	6.02E-11	2.58E-11	0.00E+00	0.00E+00	0.00E+00	2.58E-11
2016	463761.2	3772840	4.12E-10	0.00E+00	0.00E+00	0.00E+00	4.12E-10	6.31E-11	0.00E+00	0.00E+00	0.00E+00	6.31E-11	2.70E-11	0.00E+00	0.00E+00	0.00E+00	2.70E-11
2017	463768.1	3772857	4.32E-10	0.00E+00	0.00E+00	0.00E+00	4.32E-10	6.61E-11	0.00E+00	0.00E+00	0.00E+00	6.61E-11	2.83E-11	0.00E+00	0.00E+00	0.00E+00	2.83E-11
2018	463775	3772873	4.53E-10	0.00E+00	0.00E+00	0.00E+00	4.53E-10	6.93E-11	0.00E+00	0.00E+00	0.00E+00	6.93E-11	2.97E-11	0.00E+00	0.00E+00	0.00E+00	2.97E-11
2019	463802.7	3772940	5.51E-10	0.00E+00	0.00E+00	0.00E+00	5.51E-10	8.43E-11	0.00E+00	0.00E+00	0.00E+00	8.43E-11	3.62E-11	0.00E+00	0.00E+00	0.00E+00	3.62E-11
2020	463806.1	3772948	5.65E-10	0.00E+00	0.00E+00	0.00E+00	5.65E-10	8.65E-11	0.00E+00	0.00E+00	0.00E+00	8.65E-11	3.71E-11	0.00E+00	0.00E+00	0.00E+00	3.71E-11
2021	463813	3772964	5.94E-10	0.00E+00	0.00E+00	0.00E+00	5.94E-10	9.09E-11	0.00E+00	0.00E+00	0.00E+00	9.09E-11	3.90E-11	0.00E+00	0.00E+00	0.00E+00	3.90E-11
2022	463819.9	3772981	6.25E-10	0.00E+00	0.00E+00	0.00E+00	6.25E-10	9.56E-11	0.00E+00	0.00E+00	0.00E+00	9.56E-11	4.10E-11	0.00E+00	0.00E+00	0.00E+00	4.10E-11
2023	463826.8	3772998	6.57E-10	0.00E+00	0.00E+00	0.00E+00	6.57E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	1.01E-10	4.31E-11	0.00E+00	0.00E+00	0.00E+00	4.31E-11
2024	463833.7	3773014	6.90E-10	0.00E+00	0.00E+00	0.00E+00	6.90E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	1.06E-10	4.53E-11	0.00E+00	0.00E+00	0.00E+00	4.53E-11
2025	463840.6	3773031	7.25E-10	0.00E+00	0.00E+00	0.00E+00	7.25E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	1.11E-10	4.76E-11	0.00E+00	0.00E+00	0.00E+00	4.76E-11
2026	463847.5	3773047	7.61E-10	0.00E+00	0.00E+00	0.00E+00	7.61E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10	4.99E-11	0.00E+00	0.00E+00	0.00E+00	4.99E-11
2027	463854.5	3773064	7.98E-10	0.00E+00	0.00E+00	0.00E+00	7.98E-10	1.22E-10	0.00E+00	0.00E+00	0.00E+00	1.22E-10	5.24E-11	0.00E+00	0.00E+00	0.00E+00	5.24E-11
2028	463861.4	3773081	8.37E-10	0.00E+00	0.00E+00	0.00E+00	8.37E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	1.28E-10	5.49E-11	0.00E+00	0.00E+00	0.00E+00	5.49E-11
2029	463868.3	3773097	8.75E-10	0.00E+00	0.00E+00	0.00E+00	8.75E-10	1.34E-10	0.00E+00	0.00E+00	0.00E+00	1.34E-10	5.74E-11	0.00E+00	0.00E+00	0.00E+00	5.74E-11
2030	463875.2	3773114	9.14E-10	0.00E+00	0.00E+00	0.00E+00	9.14E-10	1.40E-10	0.00E+00	0.00E+00	0.00E+00	1.40E-10	6.00E-11	0.00E+00	0.00E+00	0.00E+00	6.00E-11
2031	463882.1	3773130	9.53E-10	0.00E+00	0.00E+00	0.00E+00	9.53E-10	1.46E-10	0.00E+00	0.00E+00	0.00E+00	1.46E-10	6.26E-11	0.00E+00	0.00E+00	0.00E+00	6.26E-11
2032	463107.2	3772270	1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10	2.25E-11	0.00E+00	0.00E+00	0.00E+00	2.25E-11	9.63E-12	0.00E+00	0.00E+00	0.00E+00	9.63E-12
2033	463123.9	3772277	1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10	2.26E-11	0.00E+00	0.00E+00	0.00E+00	2.26E-11	9.68E-12	0.00E+00	0.00E+00	0.00E+00	9.68E-12
2034	463132.3	3772280	1.48E-10	0.00E+00	0.00E+00	0.00E+00	1.48E-10	2.27E-11	0.00E+00	0.00E+00	0.00E+00	2.27E-11	9.72E-12	0.00E+00	0.00E+00	0.00E+00	9.72E-12
2035	463140.6	3772284	1.49E-10	0.00E+00	0.00E+00	0.00E+00	1.49E-10	2.27E-11	0.00E+00	0.00E+00	0.00E+00	2.27E-11	9.75E-12	0.00E+00	0.00E+00	0.00E+00	9.75E-12
2036	463157.3	3772291	1.50E-10	0.00E+00	0.00E+00	0.00E+00	1.50E-10	2.29E-11	0.00E+00	0.00E+00	0.00E+00	2.29E-11	9.83E-12	0.00E+00	0.00E+00	0.00E+00	9.83E-12
2037	463165.7	3772294	1.51E-10	0.00E+00	0.00E+00	0.00E+00	1.51E-10	2.30E-11	0.00E+00	0.00E+00	0.00E+00	2.30E-11	9.88E-12	0.00E+00	0.00E+00	0.00E+00	9.88E-12
2038	463174	3772297	1.51E-10	0.00E+00	0.00E+00	0.00E+00	1.51E-10	2.32E-11	0.00E+00	0.00E+00	0.00E+00	2.32E-11	9.93E-12	0.00E+00	0.00E+00	0.00E+00	9.93E-12
2039	463190.7	3772304	1.53E-10	0.00E+00	0.00E+00	0.00E+00	1.53E-10	2.34E-11	0.00E+00	0.00E+00	0.00E+00	2.34E-11	1.00E-11	0.00E+00	0.00E+00	0.00E+00	1.00E-11
2040	463199.1	3772308	1.53E-10	0.00E+00	0.00E+00	0.00E+00	1.53E-10	2.35E-11	0.00E+00	0.00E+00	0.00E+00	2.35E-11	1.01E-11	0.00E+00	0.00E+00	0.00E+00	1.01E-11
2041	463207.4	3772311	1.54E-10	0.00E+00	0.00E+00	0.00E+00	1.54E-10	2.36E-11	0.00E+00	0.00E+00	0.00E+00	2.36E-11	1.01E-11	0.00E+00	0.00E+00	0.00E+00	1.01E-11
2042	463224.1	3772318	1.56E-10	0.00E+00	0.00E+00	0.00E+00	1.56E-10	2.39E-11	0.00E+00	0.00E+00	0.00E+00	2.39E-11	1.02E-11	0.00E+00	0.00E+00	0.00E+00	1.02E-11
2043	463232.5	3772321	1.57E-10	0.00E+00	0.00E+00	0.00E+00	1.57E-10	2.40E-11	0.00E+00	0.00E+00	0.00E+00	2.40E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00	1.03E-11
2044	463240.8	3772325	1.57E-10	0.00E+00	0.00E+00	0.00E+00	1.57E-10	2.41E-11	0.00E+00	0.00E+00	0.00E+00	2.41E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00	1.03E-11
2045	463257.5	3772332	1.59E-10	0.00E+00	0.00E+00	0.00E+00	1.59E-10	2.43E-11	0.00E+00	0.00E+00	0.00E+00	2.43E-11	1.04E-11	0.00E+00	0.00E+00	0.00E+00	1.04E-11
2046	463265.9	3772335	1.60E-10	0.00E+00	0.00E+00	0.00E+00	1.60E-10	2.44E-11	0.00E+00	0.00E+00	0.00E+00	2.44E-11	1.05E-11	0.00E+00	0.00E+00	0.00E+00	1.05E-11
2047	463274.2	3772339	1.60E-10	0.00E+00	0.00E+00	0.00E+00	1.60E-10	2.45E-11	0.00E+00	0.00E+00	0.00E+00	2.45E-11	1.05E-11	0.00E+00	0.00E+00	0.00E+00	1.05E-11
2048	463290.9	3772346	1.62E-10	0.00E+00	0.00E+00	0.00E+00	1.62E-10	2.48E-11	0.00E+00	0.00E+00	0.00E+00	2.48E-11	1.06E-11	0.00E+00	0.00E+00	0.00E+00	1.06E-11
2049	463299.2	3772349	1.62E-10	0.00E+00	0.00E+00	0.00E+00	1.62E-10	2.49E-11	0.00E+00	0.00E+00	0.00E+00	2.49E-11	1.07E-11	0.00E+00	0.00E+00	0.00E+00	1.07E-11
2050	463307.6	3772352	1.63E-10	0.00E+00	0.00E+00	0.00E+00	1.63E-10	2.50E-11	0.00E+00	0.00E+00	0.00E+00	2.50E-11	1.07E-11	0.00E+00	0.00E+00	0.00E+00	1.07E-11
2051	463324.3	3772359	1.64E-10	0.00E+00	0.00E+00	0.00E+00	1.64E-10	2.51E-11	0.00E+00	0.00E+00	0.00E+00	2.51E-11	1.08E-11	0.00E+00	0.00E+00	0.00E+00	1.08E-11
2052	463332.6	3772363	1.65E-10	0.00E+00	0.00E+00	0.00E+00	1.65E-10	2.52E-11	0.00E+00	0.00E+00	0.00E+00	2.52E-11	1.08E-11	0.00E+00	0.00E+00	0.00E+00	1.08E-11
2053	463341	3772366	1.65E-10	0.00E+00	0.00E+00	0.00E+00	1.65E-10	2.53E-11	0.00E+00	0.00E+00	0.00E+00	2.53E-11	1.09E-11	0.00E+00	0.00E+00	0.00E+00	1.09E-11
2054	463357.7	3772373	1.66E-10	0.00E+00	0.00E+00	0.00E+00	1.66E-10	2.55E-11	0.00E+00	0.00E+00	0.00E+00	2.55E-11	1.09E-11	0.00E+00	0.00E+00	0.00E+00	1.09E-11
2055	463366	3772376	1.67E-10	0.00E+00	0.00E+00	0.00E+00	1.67E-10	2.55E-11	0.00E+00	0.00E+00	0.00E+00	2.55E-11	1.09E-11	0.00E+00	0.00E+00	0.00E+00	1.09E-11
2056	463374.4	3772380	1.67E-10	0.00E+00	0.00E+00	0.00E+00	1.67E-10	2.56E-11	0.00E+00	0.00E+00	0.00E+00	2.56E-11	1.10E-11	0.00E+00	0.00E+00	0.00E+00	1.10E-11
2057	463391.1	3772387	1.68E-10	0.00E+00	0.00E+00	0.00E+00	1.68E-10	2.57E-11	0.00E+00	0.00E+00	0.00E+00	2.57E-11	1.10E-11	0.00E+00	0.00E+00	0.00E+00	1.10E-11
2058	463399.4	3772390	1.69E-10	0.00E+00	0.00E+00	0.00E+00	1.69E-10	2.58E-11	0.00E+00	0.00E+00	0.00E+00	2.58E-11	1.11E-11	0.00E+00	0.00E+00	0.00E+00	1.11E-11
2059	463407.8	3772394	1.69E-10	0.00E+00	0.00E+00	0.00E+00	1.69E-10	2.59E-11	0.00E+00	0.00E+00	0.00E+00	2.59E-11	1.11E-11	0.00E+00	0.00E+00	0.00E+00	1.11E-11
2060	463591.4	3772469	1.78E-10	0.00E+00	0.00E+00	0.00E+00	1.78E-10	2.73E-11	0.00E+00	0.00E+00	0.00E+00	2.73E-11	1.17E-11	0.00E+00	0.00E+00	0.00E+00	1.17E-11
2061	463599.8	3772473	1.79E-10	0.00E+00	0.00E+00	0.00E+00	1.79E-10	2.74E-11	0.00E+00	0.00E+00	0.00E+00	2.74E-11	1.17E-11	0.00E+00	0.00E+00	0.00E+00	1.17E-11
2062	463608.1	3772476	1.79E-10	0.00E+00	0.00E+00	0.00E+00	1.79E-10	2.74E-11	0.00E+00	0.00E+00	0.00E+00	2.74E-11	1.18E-11	0.00E+00	0.00E+00	0.00E+00	1.18E-11
2063	463624.8	3772483	1.80E-10	0.00E+00	0.00E+00	0.00E+00	1.80E-10	2.76E-11	0.00E+00	0.00E+00	0.00E+00	2.76E-11	1.18E-11	0.00E+00	0.00E+00	0.00E+00	1.18E-11
2064	463633.2	3772486	1.81E-10	0.00E+00	0.00E+00	0.00E+00	1.81E-10	2.77E-11	0.00E+00	0.00E+00	0.00E+00	2.77E-11	1.19E-11	0.00E+00	0.00E+00	0.00E+00	1.19E-11
2065	463641.5	3772490	1.81E-10	0.00E+00	0.00E+00	0.00E+00	1.81E-10	2.77E-11	0.00E+00	0.00E+00	0.00E+00	2.77E-11	1.19E-11	0.00E+00	0.00E+00	0.00E+00	1.19E-11
2066	463661.7	3772505	1.85E-10	0.00E+00	0.00E+00	0.00E+00	1.85E-10	2.83E-11	0.00E+00	0.00E+00	0.00E+00	2.83E-11	1.21E-11	0.00E+00	0.00E+00	0.00E+00	1.21E-11
2067	463665.1	3772513	1.88E-10	0.00E+00	0.00E+00	0.00E+00	1.88E-10	2.87E-11	0.00E+00	0.00E+00	0.00E+00	2.87E-11	1.23E-11	0.00E+00	0.00E+00	0.00E+00	1.23E-11
2068	463672.1	3772530	1.94E-10	0.00E+00	0.00E+00	0.00E+00	1.94E-10	2.96E-11	0.00E+00	0.00E+00	0.00E+00	2.96E-11	1.27E-11	0.00E+00	0.00E+00	0.00E+00	1.27E-11

2069	463675.6	3772538	1.97E-10	0.00E+00	0.00E+00	0.00E+00	1.97E-10	3.01E-11	0.00E+00	0.00E+00	0.00E+00	3.01E-11	1.29E-11	0.00E+00	0.00E+00	0.00E+00	1.29E-11
2070	463682.5	3772555	2.03E-10	0.00E+00	0.00E+00	0.00E+00	2.03E-10	3.11E-11	0.00E+00	0.00E+00	0.00E+00	3.11E-11	1.33E-11	0.00E+00	0.00E+00	0.00E+00	1.33E-11
2071	463686	3772563	2.07E-10	0.00E+00	0.00E+00	0.00E+00	2.07E-10	3.16E-11	0.00E+00	0.00E+00	0.00E+00	3.16E-11	1.36E-11	0.00E+00	0.00E+00	0.00E+00	1.36E-11
2072	463692.9	3772580	2.13E-10	0.00E+00	0.00E+00	0.00E+00	2.13E-10	3.27E-11	0.00E+00	0.00E+00	0.00E+00	3.27E-11	1.40E-11	0.00E+00	0.00E+00	0.00E+00	1.40E-11
2073	463696.4	3772588	2.17E-10	0.00E+00	0.00E+00	0.00E+00	2.17E-10	3.32E-11	0.00E+00	0.00E+00	0.00E+00	3.32E-11	1.42E-11	0.00E+00	0.00E+00	0.00E+00	1.42E-11
2074	463703.3	3772605	2.25E-10	0.00E+00	0.00E+00	0.00E+00	2.25E-10	3.44E-11	0.00E+00	0.00E+00	0.00E+00	3.44E-11	1.47E-11	0.00E+00	0.00E+00	0.00E+00	1.47E-11
2075	463706.8	3772613	2.29E-10	0.00E+00	0.00E+00	0.00E+00	2.29E-10	3.50E-11	0.00E+00	0.00E+00	0.00E+00	3.50E-11	1.50E-11	0.00E+00	0.00E+00	0.00E+00	1.50E-11
2076	463713.7	3772630	2.37E-10	0.00E+00	0.00E+00	0.00E+00	2.37E-10	3.62E-11	0.00E+00	0.00E+00	0.00E+00	3.62E-11	1.55E-11	0.00E+00	0.00E+00	0.00E+00	1.55E-11
2077	463717.2	3772638	2.41E-10	0.00E+00	0.00E+00	0.00E+00	2.41E-10	3.69E-11	0.00E+00	0.00E+00	0.00E+00	3.69E-11	1.58E-11	0.00E+00	0.00E+00	0.00E+00	1.58E-11
2078	463724.2	3772655	2.50E-10	0.00E+00	0.00E+00	0.00E+00	2.50E-10	3.83E-11	0.00E+00	0.00E+00	0.00E+00	3.83E-11	1.64E-11	0.00E+00	0.00E+00	0.00E+00	1.64E-11
2079	463727.6	3772663	2.55E-10	0.00E+00	0.00E+00	0.00E+00	2.55E-10	3.90E-11	0.00E+00	0.00E+00	0.00E+00	3.90E-11	1.67E-11	0.00E+00	0.00E+00	0.00E+00	1.67E-11
2080	463734.6	3772680	2.64E-10	0.00E+00	0.00E+00	0.00E+00	2.64E-10	4.05E-11	0.00E+00	0.00E+00	0.00E+00	4.05E-11	1.73E-11	0.00E+00	0.00E+00	0.00E+00	1.73E-11
2081	463738	3772688	2.69E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-10	4.12E-11	0.00E+00	0.00E+00	0.00E+00	4.12E-11	1.77E-11	0.00E+00	0.00E+00	0.00E+00	1.77E-11
2082	463745	3772705	2.80E-10	0.00E+00	0.00E+00	0.00E+00	2.80E-10	4.28E-11	0.00E+00	0.00E+00	0.00E+00	4.28E-11	1.84E-11	0.00E+00	0.00E+00	0.00E+00	1.84E-11
2083	463748.5	3772713	2.85E-10	0.00E+00	0.00E+00	0.00E+00	2.85E-10	4.37E-11	0.00E+00	0.00E+00	0.00E+00	4.37E-11	1.87E-11	0.00E+00	0.00E+00	0.00E+00	1.87E-11
2084	463755.4	3772730	2.97E-10	0.00E+00	0.00E+00	0.00E+00	2.97E-10	4.55E-11	0.00E+00	0.00E+00	0.00E+00	4.55E-11	1.95E-11	0.00E+00	0.00E+00	0.00E+00	1.95E-11
2085	463758.9	3772738	3.03E-10	0.00E+00	0.00E+00	0.00E+00	3.03E-10	4.64E-11	0.00E+00	0.00E+00	0.00E+00	4.64E-11	1.99E-11	0.00E+00	0.00E+00	0.00E+00	1.99E-11
2086	463765.8	3772755	3.16E-10	0.00E+00	0.00E+00	0.00E+00	3.16E-10	4.83E-11	0.00E+00	0.00E+00	0.00E+00	4.83E-11	2.07E-11	0.00E+00	0.00E+00	0.00E+00	2.07E-11
2087	463769.3	3772763	3.22E-10	0.00E+00	0.00E+00	0.00E+00	3.22E-10	4.93E-11	0.00E+00	0.00E+00	0.00E+00	4.93E-11	2.11E-11	0.00E+00	0.00E+00	0.00E+00	2.11E-11
2088	463776.2	3772780	3.36E-10	0.00E+00	0.00E+00	0.00E+00	3.36E-10	5.14E-11	0.00E+00	0.00E+00	0.00E+00	5.14E-11	2.20E-11	0.00E+00	0.00E+00	0.00E+00	2.20E-11
2089	463779.7	3772788	3.43E-10	0.00E+00	0.00E+00	0.00E+00	3.43E-10	5.25E-11	0.00E+00	0.00E+00	0.00E+00	5.25E-11	2.25E-11	0.00E+00	0.00E+00	0.00E+00	2.25E-11
2090	463786.7	3772805	3.58E-10	0.00E+00	0.00E+00	0.00E+00	3.58E-10	5.48E-11	0.00E+00	0.00E+00	0.00E+00	5.48E-11	2.35E-11	0.00E+00	0.00E+00	0.00E+00	2.35E-11
2091	463790.1	3772813	3.66E-10	0.00E+00	0.00E+00	0.00E+00	3.66E-10	5.60E-11	0.00E+00	0.00E+00	0.00E+00	5.60E-11	2.40E-11	0.00E+00	0.00E+00	0.00E+00	2.40E-11
2092	463797.1	3772830	3.82E-10	0.00E+00	0.00E+00	0.00E+00	3.82E-10	5.85E-11	0.00E+00	0.00E+00	0.00E+00	5.85E-11	2.51E-11	0.00E+00	0.00E+00	0.00E+00	2.51E-11
2093	463800.5	3772838	3.91E-10	0.00E+00	0.00E+00	0.00E+00	3.91E-10	5.99E-11	0.00E+00	0.00E+00	0.00E+00	5.99E-11	2.57E-11	0.00E+00	0.00E+00	0.00E+00	2.57E-11
2094	463807.5	3772855	4.09E-10	0.00E+00	0.00E+00	0.00E+00	4.09E-10	6.26E-11	0.00E+00	0.00E+00	0.00E+00	6.26E-11	2.68E-11	0.00E+00	0.00E+00	0.00E+00	2.68E-11
2095	463811	3772863	4.18E-10	0.00E+00	0.00E+00	0.00E+00	4.18E-10	6.40E-11	0.00E+00	0.00E+00	0.00E+00	6.40E-11	2.75E-11	0.00E+00	0.00E+00	0.00E+00	2.75E-11
2096	463838.7	3772930	5.04E-10	0.00E+00	0.00E+00	0.00E+00	5.04E-10	7.72E-11	0.00E+00	0.00E+00	0.00E+00	7.72E-11	3.31E-11	0.00E+00	0.00E+00	0.00E+00	3.31E-11
2097	463842.2	3772938	5.17E-10	0.00E+00	0.00E+00	0.00E+00	5.17E-10	7.91E-11	0.00E+00	0.00E+00	0.00E+00	7.91E-11	3.39E-11	0.00E+00	0.00E+00	0.00E+00	3.39E-11
2098	463849.1	3772955	5.42E-10	0.00E+00	0.00E+00	0.00E+00	5.42E-10	8.29E-11	0.00E+00	0.00E+00	0.00E+00	8.29E-11	3.56E-11	0.00E+00	0.00E+00	0.00E+00	3.56E-11
2099	463852.6	3772963	5.55E-10	0.00E+00	0.00E+00	0.00E+00	5.55E-10	8.50E-11	0.00E+00	0.00E+00	0.00E+00	8.50E-11	3.64E-11	0.00E+00	0.00E+00	0.00E+00	3.64E-11
2100	463859.6	3772980	5.82E-10	0.00E+00	0.00E+00	0.00E+00	5.82E-10	8.91E-11	0.00E+00	0.00E+00	0.00E+00	8.91E-11	3.82E-11	0.00E+00	0.00E+00	0.00E+00	3.82E-11
2101	463863	3772988	5.97E-10	0.00E+00	0.00E+00	0.00E+00	5.97E-10	9.13E-11	0.00E+00	0.00E+00	0.00E+00	9.13E-11	3.91E-11	0.00E+00	0.00E+00	0.00E+00	3.91E-11
2102	463870	3773005	6.26E-10	0.00E+00	0.00E+00	0.00E+00	6.26E-10	9.58E-11	0.00E+00	0.00E+00	0.00E+00	9.58E-11	4.11E-11	0.00E+00	0.00E+00	0.00E+00	4.11E-11
2103	463873.4	3773013	6.41E-10	0.00E+00	0.00E+00	0.00E+00	6.41E-10	9.81E-11	0.00E+00	0.00E+00	0.00E+00	9.81E-11	4.20E-11	0.00E+00	0.00E+00	0.00E+00	4.20E-11
2104	463880.4	3773030	6.72E-10	0.00E+00	0.00E+00	0.00E+00	6.72E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	1.03E-10	4.41E-11	0.00E+00	0.00E+00	0.00E+00	4.41E-11
2105	463887.3	3773047	7.04E-10	0.00E+00	0.00E+00	0.00E+00	7.04E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	1.08E-10	4.62E-11	0.00E+00	0.00E+00	0.00E+00	4.62E-11
2106	463890.8	3773055	7.20E-10	0.00E+00	0.00E+00	0.00E+00	7.20E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10	4.73E-11	0.00E+00	0.00E+00	0.00E+00	4.73E-11
2107	463897.7	3773072	7.53E-10	0.00E+00	0.00E+00	0.00E+00	7.53E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-10	4.94E-11	0.00E+00	0.00E+00	0.00E+00	4.94E-11
2108	463901.2	3773080	7.70E-10	0.00E+00	0.00E+00	0.00E+00	7.70E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	1.18E-10	5.05E-11	0.00E+00	0.00E+00	0.00E+00	5.05E-11
2109	463908.2	3773097	8.04E-10	0.00E+00	0.00E+00	0.00E+00	8.04E-10	1.23E-10	0.00E+00	0.00E+00	0.00E+00	1.23E-10	5.28E-11	0.00E+00	0.00E+00	0.00E+00	5.28E-11
2110	463911.6	3773105	8.21E-10	0.00E+00	0.00E+00	0.00E+00	8.21E-10	1.26E-10	0.00E+00	0.00E+00	0.00E+00	1.26E-10	5.39E-11	0.00E+00	0.00E+00	0.00E+00	5.39E-11
2111	463918.6	3773122	8.56E-10	0.00E+00	0.00E+00	0.00E+00	8.56E-10	1.31E-10	0.00E+00	0.00E+00	0.00E+00	1.31E-10	5.62E-11	0.00E+00	0.00E+00	0.00E+00	5.62E-11
2112	463922	3773130	8.73E-10	0.00E+00	0.00E+00	0.00E+00	8.73E-10	1.34E-10	0.00E+00	0.00E+00	0.00E+00	1.34E-10	5.73E-11	0.00E+00	0.00E+00	0.00E+00	5.73E-11
2113	463208.3	3772272	1.44E-10	0.00E+00	0.00E+00	0.00E+00	1.44E-10	2.20E-11	0.00E+00	0.00E+00	0.00E+00	2.20E-11	9.42E-12	0.00E+00	0.00E+00	0.00E+00	9.42E-12
2114	463216.7	3772275	1.44E-10	0.00E+00	0.00E+00	0.00E+00	1.44E-10	2.21E-11	0.00E+00	0.00E+00	0.00E+00	2.21E-11	9.47E-12	0.00E+00	0.00E+00	0.00E+00	9.47E-12
2115	463225.1	3772278	1.45E-10	0.00E+00	0.00E+00	0.00E+00	1.45E-10	2.22E-11	0.00E+00	0.00E+00	0.00E+00	2.22E-11	9.51E-12	0.00E+00	0.00E+00	0.00E+00	9.51E-12
2116	463233.5	3772282	1.46E-10	0.00E+00	0.00E+00	0.00E+00	1.46E-10	2.23E-11	0.00E+00	0.00E+00	0.00E+00	2.23E-11	9.56E-12	0.00E+00	0.00E+00	0.00E+00	9.56E-12
2117	463250.2	3772289	1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10	2.25E-11	0.00E+00	0.00E+00	0.00E+00	2.25E-11	9.66E-12	0.00E+00	0.00E+00	0.00E+00	9.66E-12
2118	463258.6	3772292	1.48E-10	0.00E+00	0.00E+00	0.00E+00	1.48E-10	2.26E-11	0.00E+00	0.00E+00	0.00E+00	2.26E-11	9.70E-12	0.00E+00	0.00E+00	0.00E+00	9.70E-12
2119	463267	3772296	1.49E-10	0.00E+00	0.00E+00	0.00E+00	1.49E-10	2.27E-11	0.00E+00	0.00E+00	0.00E+00	2.27E-11	9.75E-12	0.00E+00	0.00E+00	0.00E+00	9.75E-12
2120	463275.4	3772299	1.49E-10	0.00E+00	0.00E+00	0.00E+00	1.49E-10	2.29E-11	0.00E+00	0.00E+00	0.00E+00	2.29E-11	9.80E-12	0.00E+00	0.00E+00	0.00E+00	9.80E-12
2121	463283.8	3772303	1.50E-10	0.00E+00	0.00E+00	0.00E+00	1.50E-10	2.29E-11	0.00E+00	0.00E+00	0.00E+00	2.29E-11	9.84E-12	0.00E+00	0.00E+00	0.00E+00	9.84E-12
2122	463292.2	3772306	1.51E-10	0.00E+00	0.00E+00	0.00E+00	1.51E-10	2.31E-11	0.00E+00	0.00E+00	0.00E+00	2.31E-11	9.89E-12	0.00E+00	0.00E+00	0.00E+00	9.89E-12
2123	463300.6	3772310	1.51E-10	0.00E+00	0.00E+00	0.00E+00	1.51E-10	2.32E-11	0.00E+00	0.00E+00	0.00E+00	2.32E-11	9.93E-12	0.00E+00	0.00E+00	0.00E+00	9.93E-12
2124	463309	3772313	1.52E-10	0.00E+00	0.00E+00	0.00E+00	1.52E-10	2.32E-11	0.00E+00	0.00E+00	0.00E+00	2.32E-11	9.96E-12	0.00E+00	0.00E+00	0.00E+00	9.96E-12

2125	463317.3	3772316	1.52E-10	0.00E+00	0.00E+00	0.00E+00	1.52E-10	2.33E-11	0.00E+00	0.00E+00	0.00E+00	2.33E-11	1.00E-11	0.00E+00	0.00E+00	0.00E+00	1.00E-11
2126	463325.7	3772320	1.53E-10	0.00E+00	0.00E+00	0.00E+00	1.53E-10	2.34E-11	0.00E+00	0.00E+00	0.00E+00	2.34E-11	1.00E-11	0.00E+00	0.00E+00	0.00E+00	1.00E-11
2127	463334.1	3772323	1.54E-10	0.00E+00	0.00E+00	0.00E+00	1.54E-10	2.35E-11	0.00E+00	0.00E+00	0.00E+00	2.35E-11	1.01E-11	0.00E+00	0.00E+00	0.00E+00	1.01E-11
2128	463342.5	3772327	1.54E-10	0.00E+00	0.00E+00	0.00E+00	1.54E-10	2.36E-11	0.00E+00	0.00E+00	0.00E+00	2.36E-11	1.01E-11	0.00E+00	0.00E+00	0.00E+00	1.01E-11
2129	463350.9	3772330	1.55E-10	0.00E+00	0.00E+00	0.00E+00	1.55E-10	2.37E-11	0.00E+00	0.00E+00	0.00E+00	2.37E-11	1.01E-11	0.00E+00	0.00E+00	0.00E+00	1.01E-11
2130	463359.3	3772334	1.55E-10	0.00E+00	0.00E+00	0.00E+00	1.55E-10	2.37E-11	0.00E+00	0.00E+00	0.00E+00	2.37E-11	1.02E-11	0.00E+00	0.00E+00	0.00E+00	1.02E-11
2131	463367.7	3772337	1.55E-10	0.00E+00	0.00E+00	0.00E+00	1.55E-10	2.38E-11	0.00E+00	0.00E+00	0.00E+00	2.38E-11	1.02E-11	0.00E+00	0.00E+00	0.00E+00	1.02E-11
2132	463376.1	3772341	1.56E-10	0.00E+00	0.00E+00	0.00E+00	1.56E-10	2.39E-11	0.00E+00	0.00E+00	0.00E+00	2.39E-11	1.02E-11	0.00E+00	0.00E+00	0.00E+00	1.02E-11
2133	463392.8	3772348	1.57E-10	0.00E+00	0.00E+00	0.00E+00	1.57E-10	2.40E-11	0.00E+00	0.00E+00	0.00E+00	2.40E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00	1.03E-11
2134	463401.2	3772351	1.57E-10	0.00E+00	0.00E+00	0.00E+00	1.57E-10	2.40E-11	0.00E+00	0.00E+00	0.00E+00	2.40E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00	1.03E-11
2135	463689.9	3772477	1.72E-10	0.00E+00	0.00E+00	0.00E+00	1.72E-10	2.64E-11	0.00E+00	0.00E+00	0.00E+00	2.64E-11	1.13E-11	0.00E+00	0.00E+00	0.00E+00	1.13E-11
2136	463693.4	3772485	1.75E-10	0.00E+00	0.00E+00	0.00E+00	1.75E-10	2.68E-11	0.00E+00	0.00E+00	0.00E+00	2.68E-11	1.15E-11	0.00E+00	0.00E+00	0.00E+00	1.15E-11
2137	463700.4	3772502	1.80E-10	0.00E+00	0.00E+00	0.00E+00	1.80E-10	2.76E-11	0.00E+00	0.00E+00	0.00E+00	2.76E-11	1.18E-11	0.00E+00	0.00E+00	0.00E+00	1.18E-11
2138	463707.4	3772519	1.85E-10	0.00E+00	0.00E+00	0.00E+00	1.85E-10	2.84E-11	0.00E+00	0.00E+00	0.00E+00	2.84E-11	1.22E-11	0.00E+00	0.00E+00	0.00E+00	1.22E-11
2139	463714.3	3772535	1.91E-10	0.00E+00	0.00E+00	0.00E+00	1.91E-10	2.93E-11	0.00E+00	0.00E+00	0.00E+00	2.93E-11	1.25E-11	0.00E+00	0.00E+00	0.00E+00	1.25E-11
2140	463721.3	3772552	1.97E-10	0.00E+00	0.00E+00	0.00E+00	1.97E-10	3.02E-11	0.00E+00	0.00E+00	0.00E+00	3.02E-11	1.29E-11	0.00E+00	0.00E+00	0.00E+00	1.29E-11
2141	463728.3	3772569	2.04E-10	0.00E+00	0.00E+00	0.00E+00	2.04E-10	3.12E-11	0.00E+00	0.00E+00	0.00E+00	3.12E-11	1.34E-11	0.00E+00	0.00E+00	0.00E+00	1.34E-11
2142	463735.3	3772586	2.10E-10	0.00E+00	0.00E+00	0.00E+00	2.10E-10	3.22E-11	0.00E+00	0.00E+00	0.00E+00	3.22E-11	1.38E-11	0.00E+00	0.00E+00	0.00E+00	1.38E-11
2143	463742.2	3772602	2.18E-10	0.00E+00	0.00E+00	0.00E+00	2.18E-10	3.33E-11	0.00E+00	0.00E+00	0.00E+00	3.33E-11	1.43E-11	0.00E+00	0.00E+00	0.00E+00	1.43E-11
2144	463749.2	3772619	2.25E-10	0.00E+00	0.00E+00	0.00E+00	2.25E-10	3.44E-11	0.00E+00	0.00E+00	0.00E+00	3.44E-11	1.48E-11	0.00E+00	0.00E+00	0.00E+00	1.48E-11
2145	463756.2	3772636	2.33E-10	0.00E+00	0.00E+00	0.00E+00	2.33E-10	3.57E-11	0.00E+00	0.00E+00	0.00E+00	3.57E-11	1.53E-11	0.00E+00	0.00E+00	0.00E+00	1.53E-11
2146	463763.2	3772653	2.41E-10	0.00E+00	0.00E+00	0.00E+00	2.41E-10	3.69E-11	0.00E+00	0.00E+00	0.00E+00	3.69E-11	1.58E-11	0.00E+00	0.00E+00	0.00E+00	1.58E-11
2147	463770.1	3772669	2.50E-10	0.00E+00	0.00E+00	0.00E+00	2.50E-10	3.83E-11	0.00E+00	0.00E+00	0.00E+00	3.83E-11	1.64E-11	0.00E+00	0.00E+00	0.00E+00	1.64E-11
2148	463777.1	3772686	2.59E-10	0.00E+00	0.00E+00	0.00E+00	2.59E-10	3.97E-11	0.00E+00	0.00E+00	0.00E+00	3.97E-11	1.70E-11	0.00E+00	0.00E+00	0.00E+00	1.70E-11
2149	463784.1	3772703	2.69E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-10	4.12E-11	0.00E+00	0.00E+00	0.00E+00	4.12E-11	1.77E-11	0.00E+00	0.00E+00	0.00E+00	1.77E-11
2150	463791.1	3772720	2.80E-10	0.00E+00	0.00E+00	0.00E+00	2.80E-10	4.28E-11	0.00E+00	0.00E+00	0.00E+00	4.28E-11	1.84E-11	0.00E+00	0.00E+00	0.00E+00	1.84E-11
2151	463798.1	3772736	2.91E-10	0.00E+00	0.00E+00	0.00E+00	2.91E-10	4.45E-11	0.00E+00	0.00E+00	0.00E+00	4.45E-11	1.91E-11	0.00E+00	0.00E+00	0.00E+00	1.91E-11
2152	463805	3772753	3.02E-10	0.00E+00	0.00E+00	0.00E+00	3.02E-10	4.63E-11	0.00E+00	0.00E+00	0.00E+00	4.63E-11	1.98E-11	0.00E+00	0.00E+00	0.00E+00	1.98E-11
2153	463812	3772770	3.15E-10	0.00E+00	0.00E+00	0.00E+00	3.15E-10	4.82E-11	0.00E+00	0.00E+00	0.00E+00	4.82E-11	2.07E-11	0.00E+00	0.00E+00	0.00E+00	2.07E-11
2154	463819	3772787	3.28E-10	0.00E+00	0.00E+00	0.00E+00	3.28E-10	5.01E-11	0.00E+00	0.00E+00	0.00E+00	5.01E-11	2.15E-11	0.00E+00	0.00E+00	0.00E+00	2.15E-11
2155	463826	3772803	3.41E-10	0.00E+00	0.00E+00	0.00E+00	3.41E-10	5.23E-11	0.00E+00	0.00E+00	0.00E+00	5.23E-11	2.24E-11	0.00E+00	0.00E+00	0.00E+00	2.24E-11
2156	463832.9	3772820	3.56E-10	0.00E+00	0.00E+00	0.00E+00	3.56E-10	5.45E-11	0.00E+00	0.00E+00	0.00E+00	5.45E-11	2.34E-11	0.00E+00	0.00E+00	0.00E+00	2.34E-11
2157	463839.9	3772837	3.72E-10	0.00E+00	0.00E+00	0.00E+00	3.72E-10	5.69E-11	0.00E+00	0.00E+00	0.00E+00	5.69E-11	2.44E-11	0.00E+00	0.00E+00	0.00E+00	2.44E-11
2158	463846.9	3772854	3.88E-10	0.00E+00	0.00E+00	0.00E+00	3.88E-10	5.94E-11	0.00E+00	0.00E+00	0.00E+00	5.94E-11	2.55E-11	0.00E+00	0.00E+00	0.00E+00	2.55E-11
2159	463853.9	3772870	4.05E-10	0.00E+00	0.00E+00	0.00E+00	4.05E-10	6.21E-11	0.00E+00	0.00E+00	0.00E+00	6.21E-11	2.66E-11	0.00E+00	0.00E+00	0.00E+00	2.66E-11
2160	463885.3	3772946	4.97E-10	0.00E+00	0.00E+00	0.00E+00	4.97E-10	7.60E-11	0.00E+00	0.00E+00	0.00E+00	7.60E-11	3.26E-11	0.00E+00	0.00E+00	0.00E+00	3.26E-11
2161	463892.2	3772962	5.20E-10	0.00E+00	0.00E+00	0.00E+00	5.20E-10	7.96E-11	0.00E+00	0.00E+00	0.00E+00	7.96E-11	3.41E-11	0.00E+00	0.00E+00	0.00E+00	3.41E-11
2162	463899.2	3772979	5.44E-10	0.00E+00	0.00E+00	0.00E+00	5.44E-10	8.33E-11	0.00E+00	0.00E+00	0.00E+00	8.33E-11	3.57E-11	0.00E+00	0.00E+00	0.00E+00	3.57E-11
2163	463906.2	3772996	5.70E-10	0.00E+00	0.00E+00	0.00E+00	5.70E-10	8.73E-11	0.00E+00	0.00E+00	0.00E+00	8.73E-11	3.74E-11	0.00E+00	0.00E+00	0.00E+00	3.74E-11
2164	463913.2	3773013	5.97E-10	0.00E+00	0.00E+00	0.00E+00	5.97E-10	9.13E-11	0.00E+00	0.00E+00	0.00E+00	9.13E-11	3.92E-11	0.00E+00	0.00E+00	0.00E+00	3.92E-11
2165	463920.2	3773029	6.24E-10	0.00E+00	0.00E+00	0.00E+00	6.24E-10	9.55E-11	0.00E+00	0.00E+00	0.00E+00	9.55E-11	4.10E-11	0.00E+00	0.00E+00	0.00E+00	4.10E-11
2166	463927.1	3773046	6.52E-10	0.00E+00	0.00E+00	0.00E+00	6.52E-10	9.99E-11	0.00E+00	0.00E+00	0.00E+00	9.99E-11	4.28E-11	0.00E+00	0.00E+00	0.00E+00	4.28E-11
2167	463934.1	3773063	6.82E-10	0.00E+00	0.00E+00	0.00E+00	6.82E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	1.04E-10	4.47E-11	0.00E+00	0.00E+00	0.00E+00	4.47E-11
2168	463941.1	3773080	7.11E-10	0.00E+00	0.00E+00	0.00E+00	7.11E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-10	4.67E-11	0.00E+00	0.00E+00	0.00E+00	4.67E-11
2169	463948.1	3773096	7.42E-10	0.00E+00	0.00E+00	0.00E+00	7.42E-10	1.14E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-10	4.87E-11	0.00E+00	0.00E+00	0.00E+00	4.87E-11
2170	463955	3773113	7.73E-10	0.00E+00	0.00E+00	0.00E+00	7.73E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	1.18E-10	5.07E-11	0.00E+00	0.00E+00	0.00E+00	5.07E-11
2171	463962	3773130	8.03E-10	0.00E+00	0.00E+00	0.00E+00	8.03E-10	1.23E-10	0.00E+00	0.00E+00	0.00E+00	1.23E-10	5.27E-11	0.00E+00	0.00E+00	0.00E+00	5.27E-11
2172	463290	3772265	1.40E-10	0.00E+00	0.00E+00	0.00E+00	1.40E-10	2.15E-11	0.00E+00	0.00E+00	0.00E+00	2.15E-11	9.22E-12	0.00E+00	0.00E+00	0.00E+00	9.22E-12
2173	463298.3	3772269	1.41E-10	0.00E+00	0.00E+00	0.00E+00	1.41E-10	2.16E-11	0.00E+00	0.00E+00	0.00E+00	2.16E-11	9.26E-12	0.00E+00	0.00E+00	0.00E+00	9.26E-12
2174	463315	3772276	1.42E-10	0.00E+00	0.00E+00	0.00E+00	1.42E-10	2.18E-11	0.00E+00	0.00E+00	0.00E+00	2.18E-11	9.34E-12	0.00E+00	0.00E+00	0.00E+00	9.34E-12
2175	463323.3	3772279	1.43E-10	0.00E+00	0.00E+00	0.00E+00	1.43E-10	2.19E-11	0.00E+00	0.00E+00	0.00E+00	2.19E-11	9.37E-12	0.00E+00	0.00E+00	0.00E+00	9.37E-12
2176	463340	3772286	1.44E-10	0.00E+00	0.00E+00	0.00E+00	1.44E-10	2.20E-11	0.00E+00	0.00E+00	0.00E+00	2.20E-11	9.44E-12	0.00E+00	0.00E+00	0.00E+00	9.44E-12
2177	463348.3	3772289	1.44E-10	0.00E+00	0.00E+00	0.00E+00	1.44E-10	2.21E-11	0.00E+00	0.00E+00	0.00E+00	2.21E-11	9.47E-12	0.00E+00	0.00E+00	0.00E+00	9.47E-12
2178	463356.6	3772293	1.45E-10	0.00E+00	0.00E+00	0.00E+00	1.45E-10	2.22E-11	0.00E+00	0.00E+00	0.00E+00	2.22E-11	9.50E-12	0.00E+00	0.00E+00	0.00E+00	9.50E-12
2179	463373.3	3772300	1.46E-10	0.00E+00	0.00E+00	0.00E+00	1.46E-10	2.23E-11	0.00E+00	0.00E+00	0.00E+00	2.23E-11	9.55E-12	0.00E+00	0.00E+00	0.00E+00	9.55E-12
2180	463381.6	3772303	1.46E-10	0.00E+00	0.00E+00	0.00E+00	1.46E-10	2.24E-11	0.00E+00	0.00E+00	0.00E+00	2.24E-11	9.58E-12	0.00E+00	0.00E+00	0.00E+00	9.58E-12

2181	463398.2	3772310	1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10	2.25E-11	0.00E+00	0.00E+00	0.00E+00	2.25E-11	9.63E-12	0.00E+00	0.00E+00	0.00E+00	9.63E-12
2182	463406.6	3772313	1.47E-10	0.00E+00	0.00E+00	0.00E+00	1.47E-10	2.25E-11	0.00E+00	0.00E+00	0.00E+00	2.25E-11	9.65E-12	0.00E+00	0.00E+00	0.00E+00	9.65E-12
2183	463732	3772482	1.70E-10	0.00E+00	0.00E+00	0.00E+00	1.70E-10	2.61E-11	0.00E+00	0.00E+00	0.00E+00	2.61E-11	1.12E-11	0.00E+00	0.00E+00	0.00E+00	1.12E-11
2184	463738.9	3772498	1.75E-10	0.00E+00	0.00E+00	0.00E+00	1.75E-10	2.68E-11	0.00E+00	0.00E+00	0.00E+00	2.68E-11	1.15E-11	0.00E+00	0.00E+00	0.00E+00	1.15E-11
2185	463745.8	3772515	1.80E-10	0.00E+00	0.00E+00	0.00E+00	1.80E-10	2.76E-11	0.00E+00	0.00E+00	0.00E+00	2.76E-11	1.18E-11	0.00E+00	0.00E+00	0.00E+00	1.18E-11
2186	463752.7	3772532	1.86E-10	0.00E+00	0.00E+00	0.00E+00	1.86E-10	2.84E-11	0.00E+00	0.00E+00	0.00E+00	2.84E-11	1.22E-11	0.00E+00	0.00E+00	0.00E+00	1.22E-11
2187	463759.7	3772548	1.91E-10	0.00E+00	0.00E+00	0.00E+00	1.91E-10	2.93E-11	0.00E+00	0.00E+00	0.00E+00	2.93E-11	1.26E-11	0.00E+00	0.00E+00	0.00E+00	1.26E-11
2188	463766.6	3772565	1.97E-10	0.00E+00	0.00E+00	0.00E+00	1.97E-10	3.02E-11	0.00E+00	0.00E+00	0.00E+00	3.02E-11	1.29E-11	0.00E+00	0.00E+00	0.00E+00	1.29E-11
2189	463773.5	3772581	2.04E-10	0.00E+00	0.00E+00	0.00E+00	2.04E-10	3.12E-11	0.00E+00	0.00E+00	0.00E+00	3.12E-11	1.34E-11	0.00E+00	0.00E+00	0.00E+00	1.34E-11
2190	463780.4	3772598	2.10E-10	0.00E+00	0.00E+00	0.00E+00	2.10E-10	3.22E-11	0.00E+00	0.00E+00	0.00E+00	3.22E-11	1.38E-11	0.00E+00	0.00E+00	0.00E+00	1.38E-11
2191	463787.4	3772615	2.17E-10	0.00E+00	0.00E+00	0.00E+00	2.17E-10	3.32E-11	0.00E+00	0.00E+00	0.00E+00	3.32E-11	1.42E-11	0.00E+00	0.00E+00	0.00E+00	1.42E-11
2192	463794.3	3772631	2.24E-10	0.00E+00	0.00E+00	0.00E+00	2.24E-10	3.43E-11	0.00E+00	0.00E+00	0.00E+00	3.43E-11	1.47E-11	0.00E+00	0.00E+00	0.00E+00	1.47E-11
2193	463801.2	3772648	2.32E-10	0.00E+00	0.00E+00	0.00E+00	2.32E-10	3.55E-11	0.00E+00	0.00E+00	0.00E+00	3.55E-11	1.52E-11	0.00E+00	0.00E+00	0.00E+00	1.52E-11
2194	463808.1	3772665	2.40E-10	0.00E+00	0.00E+00	0.00E+00	2.40E-10	3.67E-11	0.00E+00	0.00E+00	0.00E+00	3.67E-11	1.58E-11	0.00E+00	0.00E+00	0.00E+00	1.58E-11
2195	463815.1	3772681	2.49E-10	0.00E+00	0.00E+00	0.00E+00	2.49E-10	3.81E-11	0.00E+00	0.00E+00	0.00E+00	3.81E-11	1.63E-11	0.00E+00	0.00E+00	0.00E+00	1.63E-11
2196	463822	3772698	2.58E-10	0.00E+00	0.00E+00	0.00E+00	2.58E-10	3.94E-11	0.00E+00	0.00E+00	0.00E+00	3.94E-11	1.69E-11	0.00E+00	0.00E+00	0.00E+00	1.69E-11
2197	463828.9	3772714	2.67E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-10	4.09E-11	0.00E+00	0.00E+00	0.00E+00	4.09E-11	1.75E-11	0.00E+00	0.00E+00	0.00E+00	1.75E-11
2198	463835.8	3772731	2.77E-10	0.00E+00	0.00E+00	0.00E+00	2.77E-10	4.24E-11	0.00E+00	0.00E+00	0.00E+00	4.24E-11	1.82E-11	0.00E+00	0.00E+00	0.00E+00	1.82E-11
2199	463842.8	3772748	2.88E-10	0.00E+00	0.00E+00	0.00E+00	2.88E-10	4.40E-11	0.00E+00	0.00E+00	0.00E+00	4.40E-11	1.89E-11	0.00E+00	0.00E+00	0.00E+00	1.89E-11
2200	463849.7	3772764	2.99E-10	0.00E+00	0.00E+00	0.00E+00	2.99E-10	4.57E-11	0.00E+00	0.00E+00	0.00E+00	4.57E-11	1.96E-11	0.00E+00	0.00E+00	0.00E+00	1.96E-11
2201	463856.6	3772781	3.10E-10	0.00E+00	0.00E+00	0.00E+00	3.10E-10	4.75E-11	0.00E+00	0.00E+00	0.00E+00	4.75E-11	2.04E-11	0.00E+00	0.00E+00	0.00E+00	2.04E-11
2202	463863.6	3772798	3.23E-10	0.00E+00	0.00E+00	0.00E+00	3.23E-10	4.94E-11	0.00E+00	0.00E+00	0.00E+00	4.94E-11	2.12E-11	0.00E+00	0.00E+00	0.00E+00	2.12E-11
2203	463870.5	3772814	3.36E-10	0.00E+00	0.00E+00	0.00E+00	3.36E-10	5.14E-11	0.00E+00	0.00E+00	0.00E+00	5.14E-11	2.20E-11	0.00E+00	0.00E+00	0.00E+00	2.20E-11
2204	463877.4	3772831	3.50E-10	0.00E+00	0.00E+00	0.00E+00	3.50E-10	5.35E-11	0.00E+00	0.00E+00	0.00E+00	5.35E-11	2.29E-11	0.00E+00	0.00E+00	0.00E+00	2.29E-11
2205	463884.3	3772847	3.64E-10	0.00E+00	0.00E+00	0.00E+00	3.64E-10	5.58E-11	0.00E+00	0.00E+00	0.00E+00	5.58E-11	2.39E-11	0.00E+00	0.00E+00	0.00E+00	2.39E-11
2206	463891.3	3772864	3.80E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-10	5.81E-11	0.00E+00	0.00E+00	0.00E+00	5.81E-11	2.49E-11	0.00E+00	0.00E+00	0.00E+00	2.49E-11
2207	463925.9	3772947	4.70E-10	0.00E+00	0.00E+00	0.00E+00	4.70E-10	7.20E-11	0.00E+00	0.00E+00	0.00E+00	7.20E-11	3.09E-11	0.00E+00	0.00E+00	0.00E+00	3.09E-11
2208	463932.8	3772964	4.91E-10	0.00E+00	0.00E+00	0.00E+00	4.91E-10	7.52E-11	0.00E+00	0.00E+00	0.00E+00	7.52E-11	3.22E-11	0.00E+00	0.00E+00	0.00E+00	3.22E-11
2209	463939.7	3772980	5.13E-10	0.00E+00	0.00E+00	0.00E+00	5.13E-10	7.85E-11	0.00E+00	0.00E+00	0.00E+00	7.85E-11	3.37E-11	0.00E+00	0.00E+00	0.00E+00	3.37E-11
2210	463946.7	3772997	5.36E-10	0.00E+00	0.00E+00	0.00E+00	5.36E-10	8.20E-11	0.00E+00	0.00E+00	0.00E+00	8.20E-11	3.52E-11	0.00E+00	0.00E+00	0.00E+00	3.52E-11
2211	463953.6	3773014	5.59E-10	0.00E+00	0.00E+00	0.00E+00	5.59E-10	8.56E-11	0.00E+00	0.00E+00	0.00E+00	8.56E-11	3.67E-11	0.00E+00	0.00E+00	0.00E+00	3.67E-11
2212	463960.5	3773030	5.84E-10	0.00E+00	0.00E+00	0.00E+00	5.84E-10	8.94E-11	0.00E+00	0.00E+00	0.00E+00	8.94E-11	3.83E-11	0.00E+00	0.00E+00	0.00E+00	3.83E-11
2213	463967.4	3773047	6.09E-10	0.00E+00	0.00E+00	0.00E+00	6.09E-10	9.32E-11	0.00E+00	0.00E+00	0.00E+00	9.32E-11	4.00E-11	0.00E+00	0.00E+00	0.00E+00	4.00E-11
2214	463974.4	3773064	6.35E-10	0.00E+00	0.00E+00	0.00E+00	6.35E-10	9.72E-11	0.00E+00	0.00E+00	0.00E+00	9.72E-11	4.16E-11	0.00E+00	0.00E+00	0.00E+00	4.16E-11
2215	463981.3	3773080	6.61E-10	0.00E+00	0.00E+00	0.00E+00	6.61E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	1.01E-10	4.34E-11	0.00E+00	0.00E+00	0.00E+00	4.34E-11
2216	463988.2	3773097	6.88E-10	0.00E+00	0.00E+00	0.00E+00	6.88E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	1.05E-10	4.51E-11	0.00E+00	0.00E+00	0.00E+00	4.51E-11
2217	463995.1	3773113	7.15E-10	0.00E+00	0.00E+00	0.00E+00	7.15E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-10	4.69E-11	0.00E+00	0.00E+00	0.00E+00	4.69E-11
2218	464002.1	3773130	7.42E-10	0.00E+00	0.00E+00	0.00E+00	7.42E-10	1.14E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-10	4.87E-11	0.00E+00	0.00E+00	0.00E+00	4.87E-11
2219	462198.7	3773225	2.37E-10	0.00E+00	0.00E+00	0.00E+00	2.37E-10	3.63E-11	0.00E+00	0.00E+00	0.00E+00	3.63E-11	1.56E-11	0.00E+00	0.00E+00	0.00E+00	1.56E-11
2220	462198.8	3773235	2.37E-10	0.00E+00	0.00E+00	0.00E+00	2.37E-10	3.62E-11	0.00E+00	0.00E+00	0.00E+00	3.62E-11	1.55E-11	0.00E+00	0.00E+00	0.00E+00	1.55E-11
2221	462198.9	3773245	2.36E-10	0.00E+00	0.00E+00	0.00E+00	2.36E-10	3.61E-11	0.00E+00	0.00E+00	0.00E+00	3.61E-11	1.55E-11	0.00E+00	0.00E+00	0.00E+00	1.55E-11
2222	462158.7	3773225	2.16E-10	0.00E+00	0.00E+00	0.00E+00	2.16E-10	3.30E-11	0.00E+00	0.00E+00	0.00E+00	3.30E-11	1.41E-11	0.00E+00	0.00E+00	0.00E+00	1.41E-11
2223	462158.8	3773235	2.15E-10	0.00E+00	0.00E+00	0.00E+00	2.15E-10	3.29E-11	0.00E+00	0.00E+00	0.00E+00	3.29E-11	1.41E-11	0.00E+00	0.00E+00	0.00E+00	1.41E-11
2224	462158.9	3773245	2.15E-10	0.00E+00	0.00E+00	0.00E+00	2.15E-10	3.28E-11	0.00E+00	0.00E+00	0.00E+00	3.28E-11	1.41E-11	0.00E+00	0.00E+00	0.00E+00	1.41E-11
2225	462900.6	3773281	2.89E-08	0.00E+00	0.00E+00	0.00E+00	2.89E-08	4.42E-09	0.00E+00	0.00E+00	0.00E+00	4.42E-09	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09
2226	462900.6	3773291	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
2227	462892.2	3773287	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
2228	462883.1	3773283	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	2.92E-09	0.00E+00	0.00E+00	0.00E+00	2.92E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
2229	462900.6	3773301	2.13E-08	0.00E+00	0.00E+00	0.00E+00	2.13E-08	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
2230	462892.2	3773297	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	2.88E-09	0.00E+00	0.00E+00	0.00E+00	2.88E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
2231	462883.7	3773294	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
2232	462875.5	3773288	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09
2233	462871.9	3773280	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
2234	462909.1	3773314	2.08E-08	0.00E+00	0.00E+00	0.00E+00	2.08E-08	3.19E-09	0.00E+00	0.00E+00	0.00E+00	3.19E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09
2235	462900.6	3773311	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	2.85E-09	0.00E+00	0.00E+00	0.00E+00	2.85E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
2236	462892.2	3773307	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09

2237	462883.7	3773304	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09	9.78E-10	0.00E+00	0.00E+00	0.00E+00	9.78E-10
2238	462875.3	3773300	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09	8.76E-10	0.00E+00	0.00E+00	0.00E+00	8.76E-10
2239	462867.9	3773294	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09	8.26E-10	0.00E+00	0.00E+00	0.00E+00	8.26E-10
2240	462864.3	3773285	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09	8.45E-10	0.00E+00	0.00E+00	0.00E+00	8.45E-10
2241	462909.1	3773324	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	2.78E-09	0.00E+00	0.00E+00	0.00E+00	2.78E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
2242	462900.6	3773321	1.64E-08	0.00E+00	0.00E+00	0.00E+00	1.64E-08	2.51E-09	0.00E+00	0.00E+00	0.00E+00	2.51E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
2243	462892.2	3773317	1.48E-08	0.00E+00	0.00E+00	0.00E+00	1.48E-08	2.27E-09	0.00E+00	0.00E+00	0.00E+00	2.27E-09	9.73E-10	0.00E+00	0.00E+00	0.00E+00	9.73E-10
2244	462883.7	3773314	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	8.78E-10	0.00E+00	0.00E+00	0.00E+00	8.78E-10
2245	462875.3	3773310	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09	7.92E-10	0.00E+00	0.00E+00	0.00E+00	7.92E-10
2246	462866.8	3773307	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09	7.15E-10	0.00E+00	0.00E+00	0.00E+00	7.15E-10
2247	462860.2	3773300	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09	6.92E-10	0.00E+00	0.00E+00	0.00E+00	6.92E-10
2248	462856.1	3773290	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.08E-10	0.00E+00	0.00E+00	0.00E+00	7.08E-10
2249	462908.8	3773334	1.58E-08	0.00E+00	0.00E+00	0.00E+00	1.58E-08	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
2250	462900.2	3773331	1.44E-08	0.00E+00	0.00E+00	0.00E+00	1.44E-08	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09	9.46E-10	0.00E+00	0.00E+00	0.00E+00	9.46E-10
2251	462891.6	3773327	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09	8.63E-10	0.00E+00	0.00E+00	0.00E+00	8.63E-10
2252	462882.9	3773324	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09	7.84E-10	0.00E+00	0.00E+00	0.00E+00	7.84E-10
2253	462874.3	3773320	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	7.09E-10	0.00E+00	0.00E+00	0.00E+00	7.09E-10
2254	462865.6	3773316	9.78E-09	0.00E+00	0.00E+00	0.00E+00	9.78E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09	6.42E-10	0.00E+00	0.00E+00	0.00E+00	6.42E-10
2255	462857	3773313	8.89E-09	0.00E+00	0.00E+00	0.00E+00	8.89E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09	5.84E-10	0.00E+00	0.00E+00	0.00E+00	5.84E-10
2256	462908.9	3773344	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09	9.05E-10	0.00E+00	0.00E+00	0.00E+00	9.05E-10
2257	462900.2	3773341	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	1.95E-09	0.00E+00	0.00E+00	0.00E+00	1.95E-09	8.34E-10	0.00E+00	0.00E+00	0.00E+00	8.34E-10
2258	462891.6	3773337	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	7.67E-10	0.00E+00	0.00E+00	0.00E+00	7.67E-10
2259	462883	3773334	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09	7.04E-10	0.00E+00	0.00E+00	0.00E+00	7.04E-10
2260	462874.4	3773330	9.81E-09	0.00E+00	0.00E+00	0.00E+00	9.81E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09	6.43E-10	0.00E+00	0.00E+00	0.00E+00	6.43E-10
2261	462865.8	3773327	8.93E-09	0.00E+00	0.00E+00	0.00E+00	8.93E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09	5.86E-10	0.00E+00	0.00E+00	0.00E+00	5.86E-10
2262	462857.1	3773323	8.15E-09	0.00E+00	0.00E+00	0.00E+00	8.15E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09	5.35E-10	0.00E+00	0.00E+00	0.00E+00	5.35E-10
2263	462908.9	3773364	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	7.13E-10	0.00E+00	0.00E+00	0.00E+00	7.13E-10
2264	462900.3	3773361	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09	6.63E-10	0.00E+00	0.00E+00	0.00E+00	6.63E-10
2265	462891.7	3773357	9.38E-09	0.00E+00	0.00E+00	0.00E+00	9.38E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09	6.16E-10	0.00E+00	0.00E+00	0.00E+00	6.16E-10
2266	462883.1	3773354	8.71E-09	0.00E+00	0.00E+00	0.00E+00	8.71E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09	5.72E-10	0.00E+00	0.00E+00	0.00E+00	5.72E-10
2267	462874.5	3773350	8.08E-09	0.00E+00	0.00E+00	0.00E+00	8.08E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09	5.30E-10	0.00E+00	0.00E+00	0.00E+00	5.30E-10
2268	462865.9	3773347	7.48E-09	0.00E+00	0.00E+00	0.00E+00	7.48E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09	4.91E-10	0.00E+00	0.00E+00	0.00E+00	4.91E-10
2269	462857.4	3773343	6.91E-09	0.00E+00	0.00E+00	0.00E+00	6.91E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09	4.54E-10	0.00E+00	0.00E+00	0.00E+00	4.54E-10
2270	462908.9	3773384	8.81E-09	0.00E+00	0.00E+00	0.00E+00	8.81E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	5.78E-10	0.00E+00	0.00E+00	0.00E+00	5.78E-10
2271	462900.3	3773381	8.28E-09	0.00E+00	0.00E+00	0.00E+00	8.28E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09	5.43E-10	0.00E+00	0.00E+00	0.00E+00	5.43E-10
2272	462891.8	3773377	7.76E-09	0.00E+00	0.00E+00	0.00E+00	7.76E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09	5.09E-10	0.00E+00	0.00E+00	0.00E+00	5.09E-10
2273	462883.2	3773374	7.26E-09	0.00E+00	0.00E+00	0.00E+00	7.26E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09	4.77E-10	0.00E+00	0.00E+00	0.00E+00	4.77E-10
2274	462874.6	3773370	6.78E-09	0.00E+00	0.00E+00	0.00E+00	6.78E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09	4.45E-10	0.00E+00	0.00E+00	0.00E+00	4.45E-10
2275	462866.1	3773367	6.32E-09	0.00E+00	0.00E+00	0.00E+00	6.32E-09	9.67E-10	0.00E+00	0.00E+00	0.00E+00	9.67E-10	4.15E-10	0.00E+00	0.00E+00	0.00E+00	4.15E-10
2276	462857.5	3773363	5.90E-09	0.00E+00	0.00E+00	0.00E+00	5.90E-09	9.03E-10	0.00E+00	0.00E+00	0.00E+00	9.03E-10	3.87E-10	0.00E+00	0.00E+00	0.00E+00	3.87E-10
2277	462883.3	3773394	6.10E-09	0.00E+00	0.00E+00	0.00E+00	6.10E-09	9.34E-10	0.00E+00	0.00E+00	0.00E+00	9.34E-10	4.00E-10	0.00E+00	0.00E+00	0.00E+00	4.00E-10
2278	462874.7	3773390	5.74E-09	0.00E+00	0.00E+00	0.00E+00	5.74E-09	8.79E-10	0.00E+00	0.00E+00	0.00E+00	8.79E-10	3.77E-10	0.00E+00	0.00E+00	0.00E+00	3.77E-10
2279	462866.2	3773387	5.39E-09	0.00E+00	0.00E+00	0.00E+00	5.39E-09	8.24E-10	0.00E+00	0.00E+00	0.00E+00	8.24E-10	3.53E-10	0.00E+00	0.00E+00	0.00E+00	3.53E-10
2280	462857.6	3773383	5.05E-09	0.00E+00	0.00E+00	0.00E+00	5.05E-09	7.73E-10	0.00E+00	0.00E+00	0.00E+00	7.73E-10	3.31E-10	0.00E+00	0.00E+00	0.00E+00	3.31E-10
2281	462874.3	3773410	4.86E-09	0.00E+00	0.00E+00	0.00E+00	4.86E-09	7.44E-10	0.00E+00	0.00E+00	0.00E+00	7.44E-10	3.19E-10	0.00E+00	0.00E+00	0.00E+00	3.19E-10
2282	462865.6	3773406	4.60E-09	0.00E+00	0.00E+00	0.00E+00	4.60E-09	7.05E-10	0.00E+00	0.00E+00	0.00E+00	7.05E-10	3.02E-10	0.00E+00	0.00E+00	0.00E+00	3.02E-10
2283	462857	3773403	4.35E-09	0.00E+00	0.00E+00	0.00E+00	4.35E-09	6.66E-10	0.00E+00	0.00E+00	0.00E+00	6.66E-10	2.85E-10	0.00E+00	0.00E+00	0.00E+00	2.85E-10
2284	462865.8	3773427	3.97E-09	0.00E+00	0.00E+00	0.00E+00	3.97E-09	6.08E-10	0.00E+00	0.00E+00	0.00E+00	6.08E-10	2.61E-10	0.00E+00	0.00E+00	0.00E+00	2.61E-10
2285	462857.1	3773423	3.78E-09	0.00E+00	0.00E+00	0.00E+00	3.78E-09	5.79E-10	0.00E+00	0.00E+00	0.00E+00	5.79E-10	2.48E-10	0.00E+00	0.00E+00	0.00E+00	2.48E-10
2286	462900.3	3773461	4.10E-09	0.00E+00	0.00E+00	0.00E+00	4.10E-09	6.28E-10	0.00E+00	0.00E+00	0.00E+00	6.28E-10	2.69E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-10
2287	462891.7	3773457	3.93E-09	0.00E+00	0.00E+00	0.00E+00	3.93E-09	6.02E-10	0.00E+00	0.00E+00	0.00E+00	6.02E-10	2.58E-10	0.00E+00	0.00E+00	0.00E+00	2.58E-10
2288	462883.1	3773454	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09	5.76E-10	0.00E+00	0.00E+00	0.00E+00	5.76E-10	2.47E-10	0.00E+00	0.00E+00	0.00E+00	2.47E-10
2289	462874.5	3773450	3.60E-09	0.00E+00	0.00E+00	0.00E+00	3.60E-09	5.51E-10	0.00E+00	0.00E+00	0.00E+00	5.51E-10	2.36E-10	0.00E+00	0.00E+00	0.00E+00	2.36E-10
2290	462865.9	3773447	3.44E-09	0.00E+00	0.00E+00	0.00E+00	3.44E-09	5.27E-10	0.00E+00	0.00E+00	0.00E+00	5.27E-10	2.26E-10	0.00E+00	0.00E+00	0.00E+00	2.26E-10
2291	462857.3	3773443	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09	5.05E-10	0.00E+00	0.00E+00	0.00E+00	5.05E-10	2.16E-10	0.00E+00	0.00E+00	0.00E+00	2.16E-10
2292	462392.9	3773286	4.09E-10	0.00E+00	0.00E+00	0.00E+00	4.09E-10	6.26E-11	0.00E+00	0.00E+00	0.00E+00	6.26E-11	2.68E-11	0.00E+00	0.00E+00	0.00E+00	2.68E-11

2293	462394.9	3773362	3.89E-10	0.00E+00	0.00E+00	0.00E+00	3.89E-10	5.96E-11	0.00E+00	0.00E+00	0.00E+00	5.96E-11	2.56E-11	0.00E+00	0.00E+00	0.00E+00	2.56E-11
2294	462391.3	3773354	3.88E-10	0.00E+00	0.00E+00	0.00E+00	3.88E-10	5.94E-11	0.00E+00	0.00E+00	0.00E+00	5.94E-11	2.54E-11	0.00E+00	0.00E+00	0.00E+00	2.54E-11
2295	462387.7	3773345	3.86E-10	0.00E+00	0.00E+00	0.00E+00	3.86E-10	5.91E-11	0.00E+00	0.00E+00	0.00E+00	5.91E-11	2.54E-11	0.00E+00	0.00E+00	0.00E+00	2.54E-11
2296	462384	3773337	3.85E-10	0.00E+00	0.00E+00	0.00E+00	3.85E-10	5.89E-11	0.00E+00	0.00E+00	0.00E+00	5.89E-11	2.52E-11	0.00E+00	0.00E+00	0.00E+00	2.52E-11
2297	462380.4	3773328	3.83E-10	0.00E+00	0.00E+00	0.00E+00	3.83E-10	5.86E-11	0.00E+00	0.00E+00	0.00E+00	5.86E-11	2.51E-11	0.00E+00	0.00E+00	0.00E+00	2.51E-11
2298	462376.8	3773320	3.80E-10	0.00E+00	0.00E+00	0.00E+00	3.80E-10	5.82E-11	0.00E+00	0.00E+00	0.00E+00	5.82E-11	2.49E-11	0.00E+00	0.00E+00	0.00E+00	2.49E-11
2299	462373.1	3773311	3.77E-10	0.00E+00	0.00E+00	0.00E+00	3.77E-10	5.77E-11	0.00E+00	0.00E+00	0.00E+00	5.77E-11	2.48E-11	0.00E+00	0.00E+00	0.00E+00	2.48E-11
2300	462369.5	3773302	3.74E-10	0.00E+00	0.00E+00	0.00E+00	3.74E-10	5.73E-11	0.00E+00	0.00E+00	0.00E+00	5.73E-11	2.46E-11	0.00E+00	0.00E+00	0.00E+00	2.46E-11
2301	462365.9	3773294	3.71E-10	0.00E+00	0.00E+00	0.00E+00	3.71E-10	5.68E-11	0.00E+00	0.00E+00	0.00E+00	5.68E-11	2.44E-11	0.00E+00	0.00E+00	0.00E+00	2.44E-11
2302	462362.2	3773285	3.69E-10	0.00E+00	0.00E+00	0.00E+00	3.69E-10	5.65E-11	0.00E+00	0.00E+00	0.00E+00	5.65E-11	2.42E-11	0.00E+00	0.00E+00	0.00E+00	2.42E-11
2303	462396.6	3773438	3.59E-10	0.00E+00	0.00E+00	0.00E+00	3.59E-10	5.49E-11	0.00E+00	0.00E+00	0.00E+00	5.49E-11	2.35E-11	0.00E+00	0.00E+00	0.00E+00	2.35E-11
2304	462392.9	3773429	3.59E-10	0.00E+00	0.00E+00	0.00E+00	3.59E-10	5.49E-11	0.00E+00	0.00E+00	0.00E+00	5.49E-11	2.36E-11	0.00E+00	0.00E+00	0.00E+00	2.36E-11
2305	462389.3	3773420	3.59E-10	0.00E+00	0.00E+00	0.00E+00	3.59E-10	5.49E-11	0.00E+00	0.00E+00	0.00E+00	5.49E-11	2.35E-11	0.00E+00	0.00E+00	0.00E+00	2.35E-11
2306	462385.6	3773412	3.59E-10	0.00E+00	0.00E+00	0.00E+00	3.59E-10	5.49E-11	0.00E+00	0.00E+00	0.00E+00	5.49E-11	2.35E-11	0.00E+00	0.00E+00	0.00E+00	2.35E-11
2307	462382	3773403	3.59E-10	0.00E+00	0.00E+00	0.00E+00	3.59E-10	5.49E-11	0.00E+00	0.00E+00	0.00E+00	5.49E-11	2.35E-11	0.00E+00	0.00E+00	0.00E+00	2.35E-11
2308	462378.4	3773395	3.58E-10	0.00E+00	0.00E+00	0.00E+00	3.58E-10	5.48E-11	0.00E+00	0.00E+00	0.00E+00	5.48E-11	2.35E-11	0.00E+00	0.00E+00	0.00E+00	2.35E-11
2309	462374.7	3773386	3.58E-10	0.00E+00	0.00E+00	0.00E+00	3.58E-10	5.48E-11	0.00E+00	0.00E+00	0.00E+00	5.48E-11	2.35E-11	0.00E+00	0.00E+00	0.00E+00	2.35E-11
2310	462371.1	3773377	3.57E-10	0.00E+00	0.00E+00	0.00E+00	3.57E-10	5.46E-11	0.00E+00	0.00E+00	0.00E+00	5.46E-11	2.34E-11	0.00E+00	0.00E+00	0.00E+00	2.34E-11
2311	462367.4	3773369	3.55E-10	0.00E+00	0.00E+00	0.00E+00	3.55E-10	5.44E-11	0.00E+00	0.00E+00	0.00E+00	5.44E-11	2.33E-11	0.00E+00	0.00E+00	0.00E+00	2.33E-11
2312	462363.8	3773360	3.53E-10	0.00E+00	0.00E+00	0.00E+00	3.53E-10	5.41E-11	0.00E+00	0.00E+00	0.00E+00	5.41E-11	2.32E-11	0.00E+00	0.00E+00	0.00E+00	2.32E-11
2313	462360.2	3773352	3.52E-10	0.00E+00	0.00E+00	0.00E+00	3.52E-10	5.39E-11	0.00E+00	0.00E+00	0.00E+00	5.39E-11	2.31E-11	0.00E+00	0.00E+00	0.00E+00	2.31E-11
2314	462356.5	3773343	3.50E-10	0.00E+00	0.00E+00	0.00E+00	3.50E-10	5.36E-11	0.00E+00	0.00E+00	0.00E+00	5.36E-11	2.30E-11	0.00E+00	0.00E+00	0.00E+00	2.30E-11
2315	462352.9	3773334	3.49E-10	0.00E+00	0.00E+00	0.00E+00	3.49E-10	5.34E-11	0.00E+00	0.00E+00	0.00E+00	5.34E-11	2.29E-11	0.00E+00	0.00E+00	0.00E+00	2.29E-11
2316	462349.3	3773326	3.47E-10	0.00E+00	0.00E+00	0.00E+00	3.47E-10	5.31E-11	0.00E+00	0.00E+00	0.00E+00	5.31E-11	2.28E-11	0.00E+00	0.00E+00	0.00E+00	2.28E-11
2317	462345.6	3773317	3.44E-10	0.00E+00	0.00E+00	0.00E+00	3.44E-10	5.27E-11	0.00E+00	0.00E+00	0.00E+00	5.27E-11	2.26E-11	0.00E+00	0.00E+00	0.00E+00	2.26E-11
2318	462342	3773308	3.42E-10	0.00E+00	0.00E+00	0.00E+00	3.42E-10	5.23E-11	0.00E+00	0.00E+00	0.00E+00	5.23E-11	2.24E-11	0.00E+00	0.00E+00	0.00E+00	2.24E-11
2319	462338.3	3773300	3.39E-10	0.00E+00	0.00E+00	0.00E+00	3.39E-10	5.19E-11	0.00E+00	0.00E+00	0.00E+00	5.19E-11	2.23E-11	0.00E+00	0.00E+00	0.00E+00	2.23E-11
2320	462334.7	3773291	3.37E-10	0.00E+00	0.00E+00	0.00E+00	3.37E-10	5.15E-11	0.00E+00	0.00E+00	0.00E+00	5.15E-11	2.21E-11	0.00E+00	0.00E+00	0.00E+00	2.21E-11
2321	462331.1	3773283	3.34E-10	0.00E+00	0.00E+00	0.00E+00	3.34E-10	5.12E-11	0.00E+00	0.00E+00	0.00E+00	5.12E-11	2.19E-11	0.00E+00	0.00E+00	0.00E+00	2.19E-11
2322	462366.1	3773461	3.19E-10	0.00E+00	0.00E+00	0.00E+00	3.19E-10	4.88E-11	0.00E+00	0.00E+00	0.00E+00	4.88E-11	2.09E-11	0.00E+00	0.00E+00	0.00E+00	2.09E-11
2323	462362.5	3773452	3.20E-10	0.00E+00	0.00E+00	0.00E+00	3.20E-10	4.89E-11	0.00E+00	0.00E+00	0.00E+00	4.89E-11	2.10E-11	0.00E+00	0.00E+00	0.00E+00	2.10E-11
2324	462358.9	3773443	3.20E-10	0.00E+00	0.00E+00	0.00E+00	3.20E-10	4.90E-11	0.00E+00	0.00E+00	0.00E+00	4.90E-11	2.10E-11	0.00E+00	0.00E+00	0.00E+00	2.10E-11
2325	462355.2	3773435	3.20E-10	0.00E+00	0.00E+00	0.00E+00	3.20E-10	4.90E-11	0.00E+00	0.00E+00	0.00E+00	4.90E-11	2.10E-11	0.00E+00	0.00E+00	0.00E+00	2.10E-11
2326	462351.6	3773426	3.20E-10	0.00E+00	0.00E+00	0.00E+00	3.20E-10	4.90E-11	0.00E+00	0.00E+00	0.00E+00	4.90E-11	2.10E-11	0.00E+00	0.00E+00	0.00E+00	2.10E-11
2327	462348	3773418	3.19E-10	0.00E+00	0.00E+00	0.00E+00	3.19E-10	4.89E-11	0.00E+00	0.00E+00	0.00E+00	4.89E-11	2.10E-11	0.00E+00	0.00E+00	0.00E+00	2.10E-11
2328	462344.3	3773409	3.19E-10	0.00E+00	0.00E+00	0.00E+00	3.19E-10	4.89E-11	0.00E+00	0.00E+00	0.00E+00	4.89E-11	2.09E-11	0.00E+00	0.00E+00	0.00E+00	2.09E-11
2329	462340.7	3773400	3.19E-10	0.00E+00	0.00E+00	0.00E+00	3.19E-10	4.88E-11	0.00E+00	0.00E+00	0.00E+00	4.88E-11	2.09E-11	0.00E+00	0.00E+00	0.00E+00	2.09E-11
2330	462337.1	3773392	3.18E-10	0.00E+00	0.00E+00	0.00E+00	3.18E-10	4.87E-11	0.00E+00	0.00E+00	0.00E+00	4.87E-11	2.09E-11	0.00E+00	0.00E+00	0.00E+00	2.09E-11
2331	462333.4	3773383	3.17E-10	0.00E+00	0.00E+00	0.00E+00	3.17E-10	4.86E-11	0.00E+00	0.00E+00	0.00E+00	4.86E-11	2.08E-11	0.00E+00	0.00E+00	0.00E+00	2.08E-11
2332	462329.8	3773375	3.16E-10	0.00E+00	0.00E+00	0.00E+00	3.16E-10	4.84E-11	0.00E+00	0.00E+00	0.00E+00	4.84E-11	2.07E-11	0.00E+00	0.00E+00	0.00E+00	2.07E-11
2333	462326.2	3773366	3.15E-10	0.00E+00	0.00E+00	0.00E+00	3.15E-10	4.82E-11	0.00E+00	0.00E+00	0.00E+00	4.82E-11	2.07E-11	0.00E+00	0.00E+00	0.00E+00	2.07E-11
2334	462322.5	3773357	3.13E-10	0.00E+00	0.00E+00	0.00E+00	3.13E-10	4.79E-11	0.00E+00	0.00E+00	0.00E+00	4.79E-11	2.05E-11	0.00E+00	0.00E+00	0.00E+00	2.05E-11
2335	462318.9	3773349	3.12E-10	0.00E+00	0.00E+00	0.00E+00	3.12E-10	4.77E-11	0.00E+00	0.00E+00	0.00E+00	4.77E-11	2.05E-11	0.00E+00	0.00E+00	0.00E+00	2.05E-11
2336	462315.3	3773340	3.10E-10	0.00E+00	0.00E+00	0.00E+00	3.10E-10	4.75E-11	0.00E+00	0.00E+00	0.00E+00	4.75E-11	2.04E-11	0.00E+00	0.00E+00	0.00E+00	2.04E-11
2337	462311.6	3773332	3.09E-10	0.00E+00	0.00E+00	0.00E+00	3.09E-10	4.73E-11	0.00E+00	0.00E+00	0.00E+00	4.73E-11	2.03E-11	0.00E+00	0.00E+00	0.00E+00	2.03E-11
2338	462308	3773323	3.07E-10	0.00E+00	0.00E+00	0.00E+00	3.07E-10	4.70E-11	0.00E+00	0.00E+00	0.00E+00	4.70E-11	2.01E-11	0.00E+00	0.00E+00	0.00E+00	2.01E-11
2339	462304.4	3773314	3.05E-10	0.00E+00	0.00E+00	0.00E+00	3.05E-10	4.66E-11	0.00E+00	0.00E+00	0.00E+00	4.66E-11	2.00E-11	0.00E+00	0.00E+00	0.00E+00	2.00E-11
2340	462300.7	3773306	3.02E-10	0.00E+00	0.00E+00	0.00E+00	3.02E-10	4.63E-11	0.00E+00	0.00E+00	0.00E+00	4.63E-11	1.99E-11	0.00E+00	0.00E+00	0.00E+00	1.99E-11
2341	462297.1	3773297	3.00E-10	0.00E+00	0.00E+00	0.00E+00	3.00E-10	4.60E-11	0.00E+00	0.00E+00	0.00E+00	4.60E-11	1.97E-11	0.00E+00	0.00E+00	0.00E+00	1.97E-11
2342	462293.5	3773289	2.98E-10	0.00E+00	0.00E+00	0.00E+00	2.98E-10	4.56E-11	0.00E+00	0.00E+00	0.00E+00	4.56E-11	1.96E-11	0.00E+00	0.00E+00	0.00E+00	1.96E-11
2343	462289.8	3773280	2.96E-10	0.00E+00	0.00E+00	0.00E+00	2.96E-10	4.53E-11	0.00E+00	0.00E+00	0.00E+00	4.53E-11	1.94E-11	0.00E+00	0.00E+00	0.00E+00	1.94E-11
2344	462323.8	3773456	2.88E-10	0.00E+00	0.00E+00	0.00E+00	2.88E-10	4.40E-11	0.00E+00	0.00E+00	0.00E+00	4.40E-11	1.89E-11	0.00E+00	0.00E+00	0.00E+00	1.89E-11
2345	462320.2	3773447	2.88E-10	0.00E+00	0.00E+00	0.00E+00	2.88E-10	4.41E-11	0.00E+00	0.00E+00	0.00E+00	4.41E-11	1.89E-11	0.00E+00	0.00E+00	0.00E+00	1.89E-11
2346	462316.6	3773438	2.88E-10	0.00E+00	0.00E+00	0.00E+00	2.88E-10	4.40E-11	0.00E+00	0.00E+00	0.00E+00	4.40E-11	1.89E-11	0.00E+00	0.00E+00	0.00E+00	1.89E-11
2347	462312.9	3773430	2.87E-10	0.00E+00	0.00E+00	0.00E+00	2.87E-10	4.40E-11	0.00E+00	0.00E+00	0.00E+00	4.40E-11	1.89E-11	0.00E+00	0.00E+00	0.00E+00	1.89E-11
2348	462309.3	3773421	2.87E-10	0.00E+00	0.00E+00	0.00E+00	2.87E-10	4.39E-11	0.00E+00	0.00E+00	0.00E+00	4.39E-11	1.88E-11	0.00E+00	0.00E+00	0.00E+00	1.88E-11

2349	462305.7	3773413	2.86E-10	0.00E+00	0.00E+00	0.00E+00	2.86E-10	4.38E-11	0.00E+00	0.00E+00	0.00E+00	4.38E-11	1.88E-11	0.00E+00	0.00E+00	0.00E+00	1.88E-11
2350	462302	3773404	2.86E-10	0.00E+00	0.00E+00	0.00E+00	2.86E-10	4.38E-11	0.00E+00	0.00E+00	0.00E+00	4.38E-11	1.88E-11	0.00E+00	0.00E+00	0.00E+00	1.88E-11
2351	462298.4	3773395	2.85E-10	0.00E+00	0.00E+00	0.00E+00	2.85E-10	4.36E-11	0.00E+00	0.00E+00	0.00E+00	4.36E-11	1.87E-11	0.00E+00	0.00E+00	0.00E+00	1.87E-11
2352	462294.7	3773387	2.84E-10	0.00E+00	0.00E+00	0.00E+00	2.84E-10	4.35E-11	0.00E+00	0.00E+00	0.00E+00	4.35E-11	1.86E-11	0.00E+00	0.00E+00	0.00E+00	1.86E-11
2353	462291.1	3773378	2.83E-10	0.00E+00	0.00E+00	0.00E+00	2.83E-10	4.33E-11	0.00E+00	0.00E+00	0.00E+00	4.33E-11	1.86E-11	0.00E+00	0.00E+00	0.00E+00	1.86E-11
2354	462287.5	3773370	2.82E-10	0.00E+00	0.00E+00	0.00E+00	2.82E-10	4.31E-11	0.00E+00	0.00E+00	0.00E+00	4.31E-11	1.85E-11	0.00E+00	0.00E+00	0.00E+00	1.85E-11
2355	462283.8	3773361	2.80E-10	0.00E+00	0.00E+00	0.00E+00	2.80E-10	4.29E-11	0.00E+00	0.00E+00	0.00E+00	4.29E-11	1.84E-11	0.00E+00	0.00E+00	0.00E+00	1.84E-11
2356	462280.2	3773352	2.79E-10	0.00E+00	0.00E+00	0.00E+00	2.79E-10	4.27E-11	0.00E+00	0.00E+00	0.00E+00	4.27E-11	1.83E-11	0.00E+00	0.00E+00	0.00E+00	1.83E-11
2357	462276.5	3773344	2.78E-10	0.00E+00	0.00E+00	0.00E+00	2.78E-10	4.25E-11	0.00E+00	0.00E+00	0.00E+00	4.25E-11	1.82E-11	0.00E+00	0.00E+00	0.00E+00	1.82E-11
2358	462272.9	3773335	2.76E-10	0.00E+00	0.00E+00	0.00E+00	2.76E-10	4.22E-11	0.00E+00	0.00E+00	0.00E+00	4.22E-11	1.81E-11	0.00E+00	0.00E+00	0.00E+00	1.81E-11
2359	462269.3	3773326	2.74E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-10	4.20E-11	0.00E+00	0.00E+00	0.00E+00	4.20E-11	1.80E-11	0.00E+00	0.00E+00	0.00E+00	1.80E-11
2360	462265.6	3773318	2.73E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-10	4.17E-11	0.00E+00	0.00E+00	0.00E+00	4.17E-11	1.79E-11	0.00E+00	0.00E+00	0.00E+00	1.79E-11
2361	462262	3773309	2.71E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-10	4.15E-11	0.00E+00	0.00E+00	0.00E+00	4.15E-11	1.78E-11	0.00E+00	0.00E+00	0.00E+00	1.78E-11
2362	462258.3	3773301	2.70E-10	0.00E+00	0.00E+00	0.00E+00	2.70E-10	4.13E-11	0.00E+00	0.00E+00	0.00E+00	4.13E-11	1.77E-11	0.00E+00	0.00E+00	0.00E+00	1.77E-11
2363	462254.7	3773292	2.68E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-10	4.10E-11	0.00E+00	0.00E+00	0.00E+00	4.10E-11	1.76E-11	0.00E+00	0.00E+00	0.00E+00	1.76E-11
2364	462251.1	3773283	2.66E-10	0.00E+00	0.00E+00	0.00E+00	2.66E-10	4.07E-11	0.00E+00	0.00E+00	0.00E+00	4.07E-11	1.74E-11	0.00E+00	0.00E+00	0.00E+00	1.74E-11
2365	462286.2	3773462	2.60E-10	0.00E+00	0.00E+00	0.00E+00	2.60E-10	3.99E-11	0.00E+00	0.00E+00	0.00E+00	3.99E-11	1.71E-11	0.00E+00	0.00E+00	0.00E+00	1.71E-11
2366	462282.5	3773453	2.61E-10	0.00E+00	0.00E+00	0.00E+00	2.61E-10	3.99E-11	0.00E+00	0.00E+00	0.00E+00	3.99E-11	1.71E-11	0.00E+00	0.00E+00	0.00E+00	1.71E-11
2367	462278.9	3773444	2.61E-10	0.00E+00	0.00E+00	0.00E+00	2.61E-10	3.99E-11	0.00E+00	0.00E+00	0.00E+00	3.99E-11	1.71E-11	0.00E+00	0.00E+00	0.00E+00	1.71E-11
2368	462275.3	3773436	2.60E-10	0.00E+00	0.00E+00	0.00E+00	2.60E-10	3.98E-11	0.00E+00	0.00E+00	0.00E+00	3.98E-11	1.71E-11	0.00E+00	0.00E+00	0.00E+00	1.71E-11
2369	462271.6	3773427	2.60E-10	0.00E+00	0.00E+00	0.00E+00	2.60E-10	3.98E-11	0.00E+00	0.00E+00	0.00E+00	3.98E-11	1.70E-11	0.00E+00	0.00E+00	0.00E+00	1.70E-11
2370	462268	3773418	2.59E-10	0.00E+00	0.00E+00	0.00E+00	2.59E-10	3.97E-11	0.00E+00	0.00E+00	0.00E+00	3.97E-11	1.70E-11	0.00E+00	0.00E+00	0.00E+00	1.70E-11
2371	462264.4	3773410	2.58E-10	0.00E+00	0.00E+00	0.00E+00	2.58E-10	3.95E-11	0.00E+00	0.00E+00	0.00E+00	3.95E-11	1.69E-11	0.00E+00	0.00E+00	0.00E+00	1.69E-11
2372	462260.7	3773401	2.57E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-10	3.94E-11	0.00E+00	0.00E+00	0.00E+00	3.94E-11	1.69E-11	0.00E+00	0.00E+00	0.00E+00	1.69E-11
2373	462257.1	3773393	2.56E-10	0.00E+00	0.00E+00	0.00E+00	2.56E-10	3.93E-11	0.00E+00	0.00E+00	0.00E+00	3.93E-11	1.68E-11	0.00E+00	0.00E+00	0.00E+00	1.68E-11
2374	462253.5	3773384	2.55E-10	0.00E+00	0.00E+00	0.00E+00	2.55E-10	3.91E-11	0.00E+00	0.00E+00	0.00E+00	3.91E-11	1.68E-11	0.00E+00	0.00E+00	0.00E+00	1.68E-11
2375	462249.8	3773375	2.55E-10	0.00E+00	0.00E+00	0.00E+00	2.55E-10	3.90E-11	0.00E+00	0.00E+00	0.00E+00	3.90E-11	1.67E-11	0.00E+00	0.00E+00	0.00E+00	1.67E-11
2376	462246.2	3773367	2.54E-10	0.00E+00	0.00E+00	0.00E+00	2.54E-10	3.88E-11	0.00E+00	0.00E+00	0.00E+00	3.88E-11	1.66E-11	0.00E+00	0.00E+00	0.00E+00	1.66E-11
2377	462242.6	3773358	2.53E-10	0.00E+00	0.00E+00	0.00E+00	2.53E-10	3.87E-11	0.00E+00	0.00E+00	0.00E+00	3.87E-11	1.66E-11	0.00E+00	0.00E+00	0.00E+00	1.66E-11
2378	462238.9	3773350	2.51E-10	0.00E+00	0.00E+00	0.00E+00	2.51E-10	3.85E-11	0.00E+00	0.00E+00	0.00E+00	3.85E-11	1.65E-11	0.00E+00	0.00E+00	0.00E+00	1.65E-11
2379	462235.3	3773341	2.50E-10	0.00E+00	0.00E+00	0.00E+00	2.50E-10	3.83E-11	0.00E+00	0.00E+00	0.00E+00	3.83E-11	1.64E-11	0.00E+00	0.00E+00	0.00E+00	1.64E-11
2380	462231.6	3773332	2.48E-10	0.00E+00	0.00E+00	0.00E+00	2.48E-10	3.80E-11	0.00E+00	0.00E+00	0.00E+00	3.80E-11	1.63E-11	0.00E+00	0.00E+00	0.00E+00	1.63E-11
2381	462243.9	3773456	2.37E-10	0.00E+00	0.00E+00	0.00E+00	2.37E-10	3.63E-11	0.00E+00	0.00E+00	0.00E+00	3.63E-11	1.55E-11	0.00E+00	0.00E+00	0.00E+00	1.55E-11
2382	462240.2	3773448	2.37E-10	0.00E+00	0.00E+00	0.00E+00	2.37E-10	3.62E-11	0.00E+00	0.00E+00	0.00E+00	3.62E-11	1.55E-11	0.00E+00	0.00E+00	0.00E+00	1.55E-11
2383	462236.6	3773439	2.37E-10	0.00E+00	0.00E+00	0.00E+00	2.37E-10	3.62E-11	0.00E+00	0.00E+00	0.00E+00	3.62E-11	1.55E-11	0.00E+00	0.00E+00	0.00E+00	1.55E-11
2384	462232.9	3773431	2.36E-10	0.00E+00	0.00E+00	0.00E+00	2.36E-10	3.62E-11	0.00E+00	0.00E+00	0.00E+00	3.62E-11	1.55E-11	0.00E+00	0.00E+00	0.00E+00	1.55E-11
2385	462229.3	3773422	2.36E-10	0.00E+00	0.00E+00	0.00E+00	2.36E-10	3.61E-11	0.00E+00	0.00E+00	0.00E+00	3.61E-11	1.55E-11	0.00E+00	0.00E+00	0.00E+00	1.55E-11
2386	462185.6	3773319	2.24E-10	0.00E+00	0.00E+00	0.00E+00	2.24E-10	3.43E-11	0.00E+00	0.00E+00	0.00E+00	3.43E-11	1.47E-11	0.00E+00	0.00E+00	0.00E+00	1.47E-11
2387	462182	3773310	2.23E-10	0.00E+00	0.00E+00	0.00E+00	2.23E-10	3.41E-11	0.00E+00	0.00E+00	0.00E+00	3.41E-11	1.46E-11	0.00E+00	0.00E+00	0.00E+00	1.46E-11
2388	462178.4	3773301	2.22E-10	0.00E+00	0.00E+00	0.00E+00	2.22E-10	3.39E-11	0.00E+00	0.00E+00	0.00E+00	3.39E-11	1.45E-11	0.00E+00	0.00E+00	0.00E+00	1.45E-11
2389	462174.7	3773293	2.20E-10	0.00E+00	0.00E+00	0.00E+00	2.20E-10	3.37E-11	0.00E+00	0.00E+00	0.00E+00	3.37E-11	1.45E-11	0.00E+00	0.00E+00	0.00E+00	1.45E-11
2390	462171.1	3773284	2.19E-10	0.00E+00	0.00E+00	0.00E+00	2.19E-10	3.35E-11	0.00E+00	0.00E+00	0.00E+00	3.35E-11	1.44E-11	0.00E+00	0.00E+00	0.00E+00	1.44E-11
2391	462167.4	3773275	2.18E-10	0.00E+00	0.00E+00	0.00E+00	2.18E-10	3.33E-11	0.00E+00	0.00E+00	0.00E+00	3.33E-11	1.43E-11	0.00E+00	0.00E+00	0.00E+00	1.43E-11
2392	462144.4	3773316	2.04E-10	0.00E+00	0.00E+00	0.00E+00	2.04E-10	3.13E-11	0.00E+00	0.00E+00	0.00E+00	3.13E-11	1.34E-11	0.00E+00	0.00E+00	0.00E+00	1.34E-11
2393	462140.8	3773307	2.03E-10	0.00E+00	0.00E+00	0.00E+00	2.03E-10	3.11E-11	0.00E+00	0.00E+00	0.00E+00	3.11E-11	1.33E-11	0.00E+00	0.00E+00	0.00E+00	1.33E-11
2394	462137.1	3773299	2.02E-10	0.00E+00	0.00E+00	0.00E+00	2.02E-10	3.09E-11	0.00E+00	0.00E+00	0.00E+00	3.09E-11	1.33E-11	0.00E+00	0.00E+00	0.00E+00	1.33E-11
2395	462133.5	3773290	2.01E-10	0.00E+00	0.00E+00	0.00E+00	2.01E-10	3.08E-11	0.00E+00	0.00E+00	0.00E+00	3.08E-11	1.32E-11	0.00E+00	0.00E+00	0.00E+00	1.32E-11
2396	462129.9	3773282	2.00E-10	0.00E+00	0.00E+00	0.00E+00	2.00E-10	3.06E-11	0.00E+00	0.00E+00	0.00E+00	3.06E-11	1.31E-11	0.00E+00	0.00E+00	0.00E+00	1.31E-11
2397	462917.5	3774088	3.69E-10	0.00E+00	0.00E+00	0.00E+00	3.69E-10	5.65E-11	0.00E+00	0.00E+00	0.00E+00	5.65E-11	2.42E-11	0.00E+00	0.00E+00	0.00E+00	2.42E-11
2398	462908.8	3774084	3.66E-10	0.00E+00	0.00E+00	0.00E+00	3.66E-10	5.60E-11	0.00E+00	0.00E+00	0.00E+00	5.60E-11	2.40E-11	0.00E+00	0.00E+00	0.00E+00	2.40E-11
2399	462900.2	3774081	3.62E-10	0.00E+00	0.00E+00	0.00E+00	3.62E-10	5.54E-11	0.00E+00	0.00E+00	0.00E+00	5.54E-11	2.37E-11	0.00E+00	0.00E+00	0.00E+00	2.37E-11
2400	462917.5	3774128	3.42E-10	0.00E+00	0.00E+00	0.00E+00	3.42E-10	5.23E-11	0.00E+00	0.00E+00	0.00E+00	5.23E-11	2.24E-11	0.00E+00	0.00E+00	0.00E+00	2.24E-11
2401	462908.8	3774124	3.38E-10	0.00E+00	0.00E+00	0.00E+00	3.38E-10	5.18E-11	0.00E+00	0.00E+00	0.00E+00	5.18E-11	2.22E-11	0.00E+00	0.00E+00	0.00E+00	2.22E-11
2402	462900.2	3774121	3.35E-10	0.00E+00	0.00E+00	0.00E+00	3.35E-10	5.13E-11	0.00E+00	0.00E+00	0.00E+00	5.13E-11	2.20E-11	0.00E+00	0.00E+00	0.00E+00	2.20E-11
2403	462891.5	3774117	3.32E-10	0.00E+00	0.00E+00	0.00E+00	3.32E-10	5.08E-11	0.00E+00	0.00E+00	0.00E+00	5.08E-11	2.18E-11	0.00E+00	0.00E+00	0.00E+00	2.18E-11
2404	462882.9	3774114	3.29E-10	0.00E+00	0.00E+00	0.00E+00	3.29E-10	5.03E-11	0.00E+00	0.00E+00	0.00E+00	5.03E-11	2.16E-11	0.00E+00	0.00E+00	0.00E+00	2.16E-11

2405	462874.3	3774110	3.26E-10	0.00E+00	0.00E+00	0.00E+00	3.26E-10		4.98E-11	0.00E+00	0.00E+00	0.00E+00	4.98E-11		2.14E-11	0.00E+00	0.00E+00	0.00E+00	2.14E-11
2406	462865.6	3774106	3.22E-10	0.00E+00	0.00E+00	0.00E+00	3.22E-10		4.94E-11	0.00E+00	0.00E+00	0.00E+00	4.94E-11		2.12E-11	0.00E+00	0.00E+00	0.00E+00	2.12E-11
2407	462857	3774103	3.19E-10	0.00E+00	0.00E+00	0.00E+00	3.19E-10		4.89E-11	0.00E+00	0.00E+00	0.00E+00	4.89E-11		2.10E-11	0.00E+00	0.00E+00	0.00E+00	2.10E-11
2408	462848.3	3774099	3.16E-10	0.00E+00	0.00E+00	0.00E+00	3.16E-10		4.84E-11	0.00E+00	0.00E+00	0.00E+00	4.84E-11		2.08E-11	0.00E+00	0.00E+00	0.00E+00	2.08E-11
2409	462839.7	3774096	3.13E-10	0.00E+00	0.00E+00	0.00E+00	3.13E-10		4.79E-11	0.00E+00	0.00E+00	0.00E+00	4.79E-11		2.06E-11	0.00E+00	0.00E+00	0.00E+00	2.06E-11
2410	462831	3774092	3.10E-10	0.00E+00	0.00E+00	0.00E+00	3.10E-10		4.75E-11	0.00E+00	0.00E+00	0.00E+00	4.75E-11		2.04E-11	0.00E+00	0.00E+00	0.00E+00	2.04E-11
2411	462822.4	3774089	3.07E-10	0.00E+00	0.00E+00	0.00E+00	3.07E-10		4.70E-11	0.00E+00	0.00E+00	0.00E+00	4.70E-11		2.02E-11	0.00E+00	0.00E+00	0.00E+00	2.02E-11
2412	462908.8	3774164	3.14E-10	0.00E+00	0.00E+00	0.00E+00	3.14E-10		4.81E-11	0.00E+00	0.00E+00	0.00E+00	4.81E-11		2.06E-11	0.00E+00	0.00E+00	0.00E+00	2.06E-11
2413	462900.2	3774161	3.12E-10	0.00E+00	0.00E+00	0.00E+00	3.12E-10		4.77E-11	0.00E+00	0.00E+00	0.00E+00	4.77E-11		2.04E-11	0.00E+00	0.00E+00	0.00E+00	2.04E-11
2414	462891.5	3774157	3.09E-10	0.00E+00	0.00E+00	0.00E+00	3.09E-10		4.73E-11	0.00E+00	0.00E+00	0.00E+00	4.73E-11		2.03E-11	0.00E+00	0.00E+00	0.00E+00	2.03E-11
2415	462882.9	3774154	3.06E-10	0.00E+00	0.00E+00	0.00E+00	3.06E-10		4.68E-11	0.00E+00	0.00E+00	0.00E+00	4.68E-11		2.01E-11	0.00E+00	0.00E+00	0.00E+00	2.01E-11
2416	462874.2	3774150	3.03E-10	0.00E+00	0.00E+00	0.00E+00	3.03E-10		4.64E-11	0.00E+00	0.00E+00	0.00E+00	4.64E-11		1.99E-11	0.00E+00	0.00E+00	0.00E+00	1.99E-11
2417	462865.6	3774146	3.00E-10	0.00E+00	0.00E+00	0.00E+00	3.00E-10		4.60E-11	0.00E+00	0.00E+00	0.00E+00	4.60E-11		1.97E-11	0.00E+00	0.00E+00	0.00E+00	1.97E-11
2418	462856.9	3774143	2.98E-10	0.00E+00	0.00E+00	0.00E+00	2.98E-10		4.55E-11	0.00E+00	0.00E+00	0.00E+00	4.55E-11		1.95E-11	0.00E+00	0.00E+00	0.00E+00	1.95E-11
2419	462848.2	3774139	2.95E-10	0.00E+00	0.00E+00	0.00E+00	2.95E-10		4.51E-11	0.00E+00	0.00E+00	0.00E+00	4.51E-11		1.93E-11	0.00E+00	0.00E+00	0.00E+00	1.93E-11
2420	462839.6	3774136	2.92E-10	0.00E+00	0.00E+00	0.00E+00	2.92E-10		4.47E-11	0.00E+00	0.00E+00	0.00E+00	4.47E-11		1.92E-11	0.00E+00	0.00E+00	0.00E+00	1.92E-11
2421	462830.9	3774132	2.89E-10	0.00E+00	0.00E+00	0.00E+00	2.89E-10		4.43E-11	0.00E+00	0.00E+00	0.00E+00	4.43E-11		1.90E-11	0.00E+00	0.00E+00	0.00E+00	1.90E-11
2422	462822.3	3774129	2.87E-10	0.00E+00	0.00E+00	0.00E+00	2.87E-10		4.39E-11	0.00E+00	0.00E+00	0.00E+00	4.39E-11		1.88E-11	0.00E+00	0.00E+00	0.00E+00	1.88E-11
2423	462929.8	3774088	3.78E-10	0.00E+00	0.00E+00	0.00E+00	3.78E-10		5.78E-11	0.00E+00	0.00E+00	0.00E+00	5.78E-11		2.48E-11	0.00E+00	0.00E+00	0.00E+00	2.48E-11
2424	462939.1	3774088	3.85E-10	0.00E+00	0.00E+00	0.00E+00	3.85E-10		5.89E-11	0.00E+00	0.00E+00	0.00E+00	5.89E-11		2.52E-11	0.00E+00	0.00E+00	0.00E+00	2.52E-11
2425	462948.5	3774088	3.92E-10	0.00E+00	0.00E+00	0.00E+00	3.92E-10		6.00E-11	0.00E+00	0.00E+00	0.00E+00	6.00E-11		2.57E-11	0.00E+00	0.00E+00	0.00E+00	2.57E-11
2426	462957.8	3774088	4.00E-10	0.00E+00	0.00E+00	0.00E+00	4.00E-10		6.12E-11	0.00E+00	0.00E+00	0.00E+00	6.12E-11		2.62E-11	0.00E+00	0.00E+00	0.00E+00	2.62E-11
2427	462967.1	3774088	4.07E-10	0.00E+00	0.00E+00	0.00E+00	4.07E-10		6.23E-11	0.00E+00	0.00E+00	0.00E+00	6.23E-11		2.67E-11	0.00E+00	0.00E+00	0.00E+00	2.67E-11
2428	462976.4	3774088	4.15E-10	0.00E+00	0.00E+00	0.00E+00	4.15E-10		6.35E-11	0.00E+00	0.00E+00	0.00E+00	6.35E-11		2.72E-11	0.00E+00	0.00E+00	0.00E+00	2.72E-11
2429	462985.8	3774088	4.23E-10	0.00E+00	0.00E+00	0.00E+00	4.23E-10		6.47E-11	0.00E+00	0.00E+00	0.00E+00	6.47E-11		2.77E-11	0.00E+00	0.00E+00	0.00E+00	2.77E-11
2430	462995.1	3774088	4.31E-10	0.00E+00	0.00E+00	0.00E+00	4.31E-10		6.59E-11	0.00E+00	0.00E+00	0.00E+00	6.59E-11		2.83E-11	0.00E+00	0.00E+00	0.00E+00	2.83E-11
2431	462929.8	3774128	3.49E-10	0.00E+00	0.00E+00	0.00E+00	3.49E-10		5.34E-11	0.00E+00	0.00E+00	0.00E+00	5.34E-11		2.29E-11	0.00E+00	0.00E+00	0.00E+00	2.29E-11
2432	462939.1	3774128	3.55E-10	0.00E+00	0.00E+00	0.00E+00	3.55E-10		5.44E-11	0.00E+00	0.00E+00	0.00E+00	5.44E-11		2.33E-11	0.00E+00	0.00E+00	0.00E+00	2.33E-11
2433	462948.5	3774128	3.62E-10	0.00E+00	0.00E+00	0.00E+00	3.62E-10		5.54E-11	0.00E+00	0.00E+00	0.00E+00	5.54E-11		2.37E-11	0.00E+00	0.00E+00	0.00E+00	2.37E-11
2434	462957.8	3774128	3.68E-10	0.00E+00	0.00E+00	0.00E+00	3.68E-10		5.64E-11	0.00E+00	0.00E+00	0.00E+00	5.64E-11		2.42E-11	0.00E+00	0.00E+00	0.00E+00	2.42E-11
2435	462967.1	3774128	3.75E-10	0.00E+00	0.00E+00	0.00E+00	3.75E-10		5.74E-11	0.00E+00	0.00E+00	0.00E+00	5.74E-11		2.46E-11	0.00E+00	0.00E+00	0.00E+00	2.46E-11
2436	462976.4	3774128	3.81E-10	0.00E+00	0.00E+00	0.00E+00	3.81E-10		5.84E-11	0.00E+00	0.00E+00	0.00E+00	5.84E-11		2.50E-11	0.00E+00	0.00E+00	0.00E+00	2.50E-11
2437	462985.8	3774128	3.88E-10	0.00E+00	0.00E+00	0.00E+00	3.88E-10		5.95E-11	0.00E+00	0.00E+00	0.00E+00	5.95E-11		2.55E-11	0.00E+00	0.00E+00	0.00E+00	2.55E-11
2438	462995.1	3774128	3.95E-10	0.00E+00	0.00E+00	0.00E+00	3.95E-10		6.05E-11	0.00E+00	0.00E+00	0.00E+00	6.05E-11		2.59E-11	0.00E+00	0.00E+00	0.00E+00	2.59E-11
2439	463004.4	3774128	4.02E-10	0.00E+00	0.00E+00	0.00E+00	4.02E-10		6.16E-11	0.00E+00	0.00E+00	0.00E+00	6.16E-11		2.64E-11	0.00E+00	0.00E+00	0.00E+00	2.64E-11

			T2		322		T2L3				T4F			
			318	463039.12	3773214.54									
			3.35E-02	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00
			Yr 1	Yr 2	Yr 3	Yr 4	Yr 1	Yr 2	Yr 3	Yr 4	Yr 1	Yr 2	Yr 3	Yr 4
1	463043.4	3773291	1.14E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	7.49E-04	0.00E+00	0.00E+00	0.00E+00
2	463054.6	3773282	1.21E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	7.94E-04	0.00E+00	0.00E+00	0.00E+00
3	463050.8	3773297	9.62E-03	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	0.00E+00
4	463062.2	3773289	1.02E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	0.00E+00
5	463059	3773303	8.23E-03	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00
6	463046.8	3773309	7.90E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00
7	463069.8	3773295	8.66E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	0.00E+00
8	463066.4	3773310	7.11E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00
9	463054	3773316	6.83E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00
10	463041.6	3773321	6.29E-03	0.00E+00	0.00E+00	0.00E+00	9.63E-04	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00
11	463077.3	3773302	7.47E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00
12	463073.8	3773317	6.20E-03	0.00E+00	0.00E+00	0.00E+00	9.49E-04	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00
13	463061.2	3773322	5.95E-03	0.00E+00	0.00E+00	0.00E+00	9.11E-04	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00
14	463048.6	3773328	5.52E-03	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00
15	463084.9	3773308	6.51E-03	0.00E+00	0.00E+00	0.00E+00	9.96E-04	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00
16	463088.8	3773330	4.82E-03	0.00E+00	0.00E+00	0.00E+00	7.38E-04	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00
17	463075.8	3773336	4.66E-03	0.00E+00	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00
18	463062.8	3773342	4.37E-03	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00
19	463049.9	3773348	3.98E-03	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00
20	463100.1	3773321	5.05E-03	0.00E+00	0.00E+00	0.00E+00	7.73E-04	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00
21	463103.8	3773343	3.87E-03	0.00E+00	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00
22	463090.6	3773349	3.75E-03	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00
23	463077.3	3773355	3.55E-03	0.00E+00	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00
24	463064.1	3773361	3.25E-03	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00
25	463050.8	3773367	2.91E-03	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00
26	463115.2	3773334	4.03E-03	0.00E+00	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00
27	463119.2	3773356	3.17E-03	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00
28	463106.5	3773362	3.08E-03	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00
29	463093.7	3773367	2.94E-03	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00
30	463081	3773373	2.74E-03	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00
31	463068.2	3773379	2.50E-03	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00
32	463055.4	3773385	2.24E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00
33	463042.7	3773391	1.98E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00
34	463130.4	3773347	3.29E-03	0.00E+00	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00
35	463134.3	3773369	2.63E-03	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00
36	463121.3	3773375	2.56E-03	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00
37	463108.3	3773381	2.45E-03	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00
38	463095.3	3773387	2.30E-03	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00
39	463082.3	3773393	2.12E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00
40	463069.3	3773399	1.93E-03	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00
41	463056.4	3773405	1.73E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00
42	463043.4	3773411	1.53E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00

43	463145.5	3773360	2.73E-03	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00
44	463149.3	3773382	2.21E-03	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00
45	463136.1	3773388	2.16E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00
46	463123	3773394	2.07E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00
47	463109.8	3773400	1.96E-03	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00
48	463096.6	3773406	1.83E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00
49	463083.4	3773412	1.68E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00
50	463070.3	3773418	1.52E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	9.96E-05	0.00E+00	0.00E+00	0.00E+00
51	463057.1	3773424	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	8.87E-05	0.00E+00	0.00E+00	0.00E+00
52	463043.9	3773430	1.19E-03	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	7.80E-05	0.00E+00	0.00E+00	0.00E+00
53	463160.6	3773373	2.29E-03	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00
54	463164.6	3773395	1.89E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00
55	463151.8	3773401	1.85E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00
56	463139	3773407	1.79E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00
57	463126.2	3773413	1.71E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00
58	463113.4	3773418	1.61E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00
59	463100.5	3773424	1.49E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	9.79E-05	0.00E+00	0.00E+00	0.00E+00
60	463087.7	3773430	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	8.97E-05	0.00E+00	0.00E+00	0.00E+00
61	463074.9	3773436	1.24E-03	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-05	0.00E+00	0.00E+00	0.00E+00
62	463062.1	3773442	1.11E-03	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	7.28E-05	0.00E+00	0.00E+00	0.00E+00
63	463049.3	3773448	9.87E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	6.48E-05	0.00E+00	0.00E+00	0.00E+00
64	463175.8	3773387	1.95E-03	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00
65	463179.7	3773408	1.63E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00
66	463166.7	3773414	1.60E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00
67	463153.7	3773420	1.55E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00
68	463140.7	3773426	1.48E-03	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	9.72E-05	0.00E+00	0.00E+00	0.00E+00
69	463127.8	3773432	1.40E-03	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	9.18E-05	0.00E+00	0.00E+00	0.00E+00
70	463114.8	3773438	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	8.57E-05	0.00E+00	0.00E+00	0.00E+00
71	463101.8	3773444	1.20E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	7.90E-05	0.00E+00	0.00E+00	0.00E+00
72	463088.8	3773450	1.10E-03	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-05	0.00E+00	0.00E+00	0.00E+00
73	463075.8	3773456	9.99E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-05	0.00E+00	0.00E+00	0.00E+00
74	463190.9	3773400	1.68E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00
75	463194.8	3773421	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	9.32E-05	0.00E+00	0.00E+00	0.00E+00
76	463181.6	3773427	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	9.13E-05	0.00E+00	0.00E+00	0.00E+00
77	463168.5	3773433	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	8.86E-05	0.00E+00	0.00E+00	0.00E+00
78	463155.4	3773439	1.29E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	8.49E-05	0.00E+00	0.00E+00	0.00E+00
79	463142.3	3773445	1.23E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-05	0.00E+00	0.00E+00	0.00E+00
80	463129.1	3773451	1.15E-03	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05	0.00E+00	0.00E+00	0.00E+00
81	463116	3773457	1.07E-03	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	7.04E-05	0.00E+00	0.00E+00	0.00E+00
82	463206.1	3773413	1.46E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	9.61E-05	0.00E+00	0.00E+00	0.00E+00
83	463209.8	3773434	1.24E-03	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	8.16E-05	0.00E+00	0.00E+00	0.00E+00
84	463196.6	3773440	1.22E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	0.00E+00
85	463183.3	3773446	1.19E-03	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-05	0.00E+00	0.00E+00	0.00E+00
86	463170.1	3773452	1.14E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05	0.00E+00	0.00E+00	0.00E+00
87	463156.8	3773459	1.09E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-05	0.00E+00	0.00E+00	0.00E+00
88	463221.2	3773426	1.28E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-05	0.00E+00	0.00E+00	0.00E+00

89	463225.1	3773447	1.10E-03	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-05	0.00E+00	0.00E+00	0.00E+00
90	463212.1	3773453	1.08E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	7.09E-05	0.00E+00	0.00E+00	0.00E+00
91	463199.2	3773459	1.05E-03	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	6.92E-05	0.00E+00	0.00E+00	0.00E+00
92	463236.4	3773439	1.13E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	0.00E+00
93	463259.1	3773458	9.50E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-05	0.00E+00	0.00E+00	0.00E+00
94	463037.2	3773873	6.64E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	0.00E+00
95	463129.9	3773871	8.38E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	0.00E+00
96	463116.7	3773877	7.96E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	5.22E-06	0.00E+00	0.00E+00	0.00E+00
97	463103.5	3773883	7.55E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	0.00E+00
98	463090.3	3773889	7.17E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	0.00E+00
99	463077	3773895	6.80E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	0.00E+00
100	463063.8	3773901	6.46E-05	0.00E+00	0.00E+00	0.00E+00	9.89E-06	0.00E+00	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	0.00E+00
101	463050.6	3773907	6.14E-05	0.00E+00	0.00E+00	0.00E+00	9.40E-06	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	0.00E+00
102	463037.4	3773913	5.83E-05	0.00E+00	0.00E+00	0.00E+00	8.93E-06	0.00E+00	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	0.00E+00
103	463214.6	3773872	9.86E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	0.00E+00
104	463201.5	3773878	9.41E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	6.18E-06	0.00E+00	0.00E+00	0.00E+00
105	463188.4	3773884	8.97E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	5.89E-06	0.00E+00	0.00E+00	0.00E+00
106	463175.2	3773890	8.55E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	0.00E+00
107	463162.1	3773896	8.14E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	0.00E+00
108	463149	3773902	7.77E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	0.00E+00
109	463135.8	3773908	7.41E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	0.00E+00
110	463122.7	3773914	7.06E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	0.00E+00
111	463109.5	3773920	6.73E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	0.00E+00
112	463096.4	3773926	6.42E-05	0.00E+00	0.00E+00	0.00E+00	9.82E-06	0.00E+00	0.00E+00	0.00E+00	4.21E-06	0.00E+00	0.00E+00	0.00E+00
113	463083.3	3773932	6.11E-05	0.00E+00	0.00E+00	0.00E+00	9.35E-06	0.00E+00	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	0.00E+00
114	463070.1	3773938	5.82E-05	0.00E+00	0.00E+00	0.00E+00	8.90E-06	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00
115	463057	3773944	5.54E-05	0.00E+00	0.00E+00	0.00E+00	8.48E-06	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	0.00E+00
116	463043.8	3773950	5.28E-05	0.00E+00	0.00E+00	0.00E+00	8.08E-06	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00
117	463308.7	3773869	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	0.00E+00
118	463295.5	3773875	1.11E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	7.26E-06	0.00E+00	0.00E+00	0.00E+00
119	463282.3	3773881	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	6.97E-06	0.00E+00	0.00E+00	0.00E+00
120	463269.1	3773887	1.02E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	0.00E+00
121	463255.8	3773893	9.76E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	0.00E+00
122	463242.6	3773899	9.34E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00
123	463229.4	3773905	8.94E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	5.86E-06	0.00E+00	0.00E+00	0.00E+00
124	463216.1	3773911	8.54E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	0.00E+00
125	463202.9	3773917	8.16E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	0.00E+00
126	463189.7	3773924	7.80E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00
127	463176.4	3773930	7.46E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	0.00E+00
128	463163.2	3773936	7.12E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	0.00E+00
129	463150	3773942	6.80E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	0.00E+00
130	463136.7	3773948	6.49E-05	0.00E+00	0.00E+00	0.00E+00	9.94E-06	0.00E+00	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00
131	463123.5	3773954	6.20E-05	0.00E+00	0.00E+00	0.00E+00	9.49E-06	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00
132	463110.3	3773960	5.92E-05	0.00E+00	0.00E+00	0.00E+00	9.06E-06	0.00E+00	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	0.00E+00
133	463097	3773966	5.66E-05	0.00E+00	0.00E+00	0.00E+00	8.66E-06	0.00E+00	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	0.00E+00
134	463083.8	3773972	5.40E-05	0.00E+00	0.00E+00	0.00E+00	8.27E-06	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00

135	463070.6	3773978	5.16E-05	0.00E+00	0.00E+00	0.00E+00	7.90E-06	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00
136	463057.4	3773984	4.93E-05	0.00E+00	0.00E+00	0.00E+00	7.55E-06	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00
137	463044.1	3773990	4.71E-05	0.00E+00	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00
138	463393	3773870	1.26E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	8.24E-06	0.00E+00	0.00E+00	0.00E+00
139	463379.8	3773876	1.21E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	7.97E-06	0.00E+00	0.00E+00	0.00E+00
140	463366.6	3773882	1.17E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	7.69E-06	0.00E+00	0.00E+00	0.00E+00
141	463353.4	3773888	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	7.42E-06	0.00E+00	0.00E+00	0.00E+00
142	463340.3	3773895	1.09E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	7.15E-06	0.00E+00	0.00E+00	0.00E+00
143	463327.1	3773901	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	0.00E+00
144	463313.9	3773907	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	0.00E+00
145	463300.8	3773913	9.69E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	6.36E-06	0.00E+00	0.00E+00	0.00E+00
146	463287.6	3773919	9.30E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00	6.11E-06	0.00E+00	0.00E+00	0.00E+00
147	463274.4	3773925	8.93E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	5.86E-06	0.00E+00	0.00E+00	0.00E+00
148	463261.3	3773931	8.57E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.63E-06	0.00E+00	0.00E+00	0.00E+00
149	463248.1	3773937	8.23E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	0.00E+00
150	463234.9	3773943	7.90E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	0.00E+00
151	463221.7	3773949	7.58E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	0.00E+00
152	463208.6	3773955	7.27E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	0.00E+00
153	463195.4	3773961	6.95E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	0.00E+00
154	463182.2	3773967	6.65E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	0.00E+00
155	463169.1	3773973	6.37E-05	0.00E+00	0.00E+00	0.00E+00	9.76E-06	0.00E+00	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	0.00E+00
156	463155.9	3773979	6.11E-05	0.00E+00	0.00E+00	0.00E+00	9.35E-06	0.00E+00	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	0.00E+00
157	463142.7	3773985	5.85E-05	0.00E+00	0.00E+00	0.00E+00	8.96E-06	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	0.00E+00
158	463129.5	3773991	5.61E-05	0.00E+00	0.00E+00	0.00E+00	8.58E-06	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00
159	463116.4	3773997	5.36E-05	0.00E+00	0.00E+00	0.00E+00	8.21E-06	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00
160	463103.2	3774003	5.14E-05	0.00E+00	0.00E+00	0.00E+00	7.86E-06	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00
161	463090	3774009	4.92E-05	0.00E+00	0.00E+00	0.00E+00	7.53E-06	0.00E+00	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	0.00E+00
162	463076.9	3774015	4.71E-05	0.00E+00	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00
163	463063.7	3774021	4.51E-05	0.00E+00	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00
164	463050.5	3774027	4.32E-05	0.00E+00	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00
165	463408.6	3773903	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	7.42E-06	0.00E+00	0.00E+00	0.00E+00
166	463395.4	3773909	1.09E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	7.18E-06	0.00E+00	0.00E+00	0.00E+00
167	463382.1	3773915	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	6.95E-06	0.00E+00	0.00E+00	0.00E+00
168	463368.9	3773921	1.02E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	0.00E+00
169	463355.6	3773927	9.87E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	0.00E+00
170	463342.4	3773934	9.52E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	6.24E-06	0.00E+00	0.00E+00	0.00E+00
171	463329.1	3773940	9.16E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	6.01E-06	0.00E+00	0.00E+00	0.00E+00
172	463315.9	3773946	8.81E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	0.00E+00
173	463302.6	3773952	8.48E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	0.00E+00
174	463289.4	3773958	8.16E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	0.00E+00
175	463276.1	3773964	7.84E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00
176	463262.9	3773970	7.53E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	0.00E+00
177	463249.6	3773976	7.24E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	0.00E+00
178	463236.4	3773982	6.95E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	0.00E+00
179	463223.1	3773988	6.67E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	0.00E+00
180	463209.8	3773994	6.41E-05	0.00E+00	0.00E+00	0.00E+00	9.81E-06	0.00E+00	0.00E+00	0.00E+00	4.21E-06	0.00E+00	0.00E+00	0.00E+00

181	463196.6	3774000	6.16E-05	0.00E+00	0.00E+00	0.00E+00	9.43E-06	0.00E+00	0.00E+00	0.00E+00	4.04E-06	0.00E+00	0.00E+00	0.00E+00
182	463183.3	3774006	5.91E-05	0.00E+00	0.00E+00	0.00E+00	9.05E-06	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00
183	463170.1	3774012	5.68E-05	0.00E+00	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00
184	463156.8	3774019	5.45E-05	0.00E+00	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	0.00E+00
185	463143.6	3774025	5.23E-05	0.00E+00	0.00E+00	0.00E+00	8.00E-06	0.00E+00	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	0.00E+00
186	463130.3	3774031	5.01E-05	0.00E+00	0.00E+00	0.00E+00	7.67E-06	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00
187	463117.1	3774037	4.81E-05	0.00E+00	0.00E+00	0.00E+00	7.36E-06	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00
188	463400.3	3773947	9.67E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	6.34E-06	0.00E+00	0.00E+00	0.00E+00
189	463387.1	3773953	9.35E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00
190	463373.9	3773959	9.04E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	5.93E-06	0.00E+00	0.00E+00	0.00E+00
191	463360.7	3773965	8.73E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	0.00E+00
192	463347.5	3773971	8.43E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	0.00E+00
193	463334.3	3773977	8.14E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	0.00E+00
194	463321.1	3773983	7.84E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00
195	463308	3773989	7.55E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	0.00E+00
196	463294.8	3773995	7.27E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	0.00E+00
197	463281.6	3774001	7.01E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	0.00E+00
198	463268.4	3774007	6.75E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	0.00E+00
199	463255.2	3774014	6.50E-05	0.00E+00	0.00E+00	0.00E+00	9.95E-06	0.00E+00	0.00E+00	0.00E+00	4.27E-06	0.00E+00	0.00E+00	0.00E+00
200	463242	3774020	6.26E-05	0.00E+00	0.00E+00	0.00E+00	9.58E-06	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00
201	463228.8	3774026	6.02E-05	0.00E+00	0.00E+00	0.00E+00	9.21E-06	0.00E+00	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	0.00E+00
202	463215.6	3774032	5.79E-05	0.00E+00	0.00E+00	0.00E+00	8.86E-06	0.00E+00	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	0.00E+00
203	463202.4	3774038	5.57E-05	0.00E+00	0.00E+00	0.00E+00	8.53E-06	0.00E+00	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	0.00E+00
204	463096.8	3774086	4.08E-05	0.00E+00	0.00E+00	0.00E+00	6.24E-06	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00
205	463083.6	3774092	3.92E-05	0.00E+00	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
206	463070.4	3774098	3.77E-05	0.00E+00	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00
207	463057.2	3774104	3.63E-05	0.00E+00	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00
208	463044	3774110	3.49E-05	0.00E+00	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00
209	463510.5	3773937	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	7.10E-06	0.00E+00	0.00E+00	0.00E+00
210	463497.4	3773943	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	6.93E-06	0.00E+00	0.00E+00	0.00E+00
211	463484.2	3773949	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	0.00E+00
212	463471.1	3773955	1.00E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	6.57E-06	0.00E+00	0.00E+00	0.00E+00
213	463458	3773961	9.72E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	0.00E+00
214	463444.8	3773967	9.44E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	6.19E-06	0.00E+00	0.00E+00	0.00E+00
215	463405.4	3773985	8.61E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	5.65E-06	0.00E+00	0.00E+00	0.00E+00
216	463392.2	3773991	8.34E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	0.00E+00
217	463379.1	3773997	8.06E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	0.00E+00
218	463365.9	3774003	7.80E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00
219	463352.8	3774009	7.53E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	0.00E+00
220	463339.6	3774015	7.27E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	0.00E+00
221	463326.5	3774021	7.02E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	0.00E+00
222	463313.4	3774027	6.78E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00
223	463300.2	3774033	6.54E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	0.00E+00
224	463287.1	3774039	6.30E-05	0.00E+00	0.00E+00	0.00E+00	9.65E-06	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00
225	463195	3774081	4.89E-05	0.00E+00	0.00E+00	0.00E+00	7.49E-06	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	0.00E+00
226	463181.9	3774087	4.72E-05	0.00E+00	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00

227	463168.7	3774093	4.55E-05	0.00E+00	0.00E+00	0.00E+00	6.96E-06	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00
228	463155.6	3774099	4.38E-05	0.00E+00	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00
229	463142.5	3774105	4.22E-05	0.00E+00	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
230	463129.3	3774111	4.07E-05	0.00E+00	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00
231	463116.2	3774117	3.92E-05	0.00E+00	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
232	463103	3774123	3.77E-05	0.00E+00	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00
233	463089.9	3774129	3.64E-05	0.00E+00	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	0.00E+00
234	463076.7	3774135	3.50E-05	0.00E+00	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00
235	463063.6	3774141	3.38E-05	0.00E+00	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
236	463050.4	3774147	3.26E-05	0.00E+00	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
237	463037.3	3774153	3.14E-05	0.00E+00	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00
238	463605.9	3773933	1.12E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	7.36E-06	0.00E+00	0.00E+00	0.00E+00
239	463592.7	3773939	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	0.00E+00
240	463579.4	3773945	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	7.09E-06	0.00E+00	0.00E+00	0.00E+00
241	463566.2	3773951	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	6.94E-06	0.00E+00	0.00E+00	0.00E+00
242	463553	3773957	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	6.80E-06	0.00E+00	0.00E+00	0.00E+00
243	463539.8	3773963	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	6.65E-06	0.00E+00	0.00E+00	0.00E+00
244	463526.6	3773969	9.90E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	0.00E+00
245	463513.3	3773975	9.65E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	6.33E-06	0.00E+00	0.00E+00	0.00E+00
246	463500.1	3773981	9.40E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	6.17E-06	0.00E+00	0.00E+00	0.00E+00
247	463486.9	3773987	9.15E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00
248	463473.7	3773993	8.90E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	0.00E+00
249	463460.5	3773999	8.66E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	0.00E+00
250	463447.2	3774006	8.41E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	0.00E+00
251	463394.4	3774030	7.42E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	0.00E+00
252	463381.2	3774036	7.18E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.71E-06	0.00E+00	0.00E+00	0.00E+00
253	463275.4	3774084	5.47E-05	0.00E+00	0.00E+00	0.00E+00	8.38E-06	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00
254	463262.2	3774090	5.28E-05	0.00E+00	0.00E+00	0.00E+00	8.09E-06	0.00E+00	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	0.00E+00
255	463249	3774096	5.10E-05	0.00E+00	0.00E+00	0.00E+00	7.81E-06	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	0.00E+00
256	463235.8	3774102	4.92E-05	0.00E+00	0.00E+00	0.00E+00	7.53E-06	0.00E+00	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	0.00E+00
257	463222.5	3774108	4.75E-05	0.00E+00	0.00E+00	0.00E+00	7.27E-06	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	0.00E+00
258	463209.3	3774115	4.59E-05	0.00E+00	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00
259	463196.1	3774121	4.43E-05	0.00E+00	0.00E+00	0.00E+00	6.78E-06	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00
260	463182.9	3774127	4.28E-05	0.00E+00	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00
261	463169.7	3774133	4.13E-05	0.00E+00	0.00E+00	0.00E+00	6.33E-06	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00
262	463156.4	3774139	3.99E-05	0.00E+00	0.00E+00	0.00E+00	6.11E-06	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00
263	463143.2	3774145	3.85E-05	0.00E+00	0.00E+00	0.00E+00	5.89E-06	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00
264	463130	3774151	3.71E-05	0.00E+00	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00
265	463116.8	3774157	3.58E-05	0.00E+00	0.00E+00	0.00E+00	5.48E-06	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00
266	463103.6	3774163	3.46E-05	0.00E+00	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00
267	463090.3	3774169	3.34E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
268	463077.1	3774175	3.22E-05	0.00E+00	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00
269	463063.9	3774181	3.11E-05	0.00E+00	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
270	463050.7	3774187	3.00E-05	0.00E+00	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
271	463037.5	3774193	2.90E-05	0.00E+00	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00
272	463689.3	3773935	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	7.25E-06	0.00E+00	0.00E+00	0.00E+00

273	463676.1	3773941	1.09E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	7.17E-06	0.00E+00	0.00E+00	0.00E+00
274	463663	3773947	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	7.08E-06	0.00E+00	0.00E+00	0.00E+00
275	463649.8	3773953	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	6.98E-06	0.00E+00	0.00E+00	0.00E+00
276	463636.6	3773959	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	0.00E+00
277	463623.4	3773965	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	6.77E-06	0.00E+00	0.00E+00	0.00E+00
278	463610.3	3773971	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	6.65E-06	0.00E+00	0.00E+00	0.00E+00
279	463597.1	3773977	9.94E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	0.00E+00
280	463583.9	3773983	9.74E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	6.39E-06	0.00E+00	0.00E+00	0.00E+00
281	463570.8	3773989	9.54E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	6.26E-06	0.00E+00	0.00E+00	0.00E+00
282	463557.6	3773995	9.34E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00
283	463544.4	3774001	9.12E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	5.98E-06	0.00E+00	0.00E+00	0.00E+00
284	463531.3	3774007	8.90E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	0.00E+00
285	463518.1	3774013	8.68E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00
286	463504.9	3774019	8.46E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	0.00E+00
287	463491.7	3774025	8.24E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	0.00E+00
288	463478.6	3774031	8.01E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	0.00E+00
289	463465.4	3774037	7.78E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	0.00E+00
290	463452.2	3774043	7.56E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	0.00E+00
291	463360	3774085	6.08E-05	0.00E+00	0.00E+00	0.00E+00	9.30E-06	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00
292	463346.9	3774092	5.88E-05	0.00E+00	0.00E+00	0.00E+00	9.00E-06	0.00E+00	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	0.00E+00
293	463333.7	3774098	5.69E-05	0.00E+00	0.00E+00	0.00E+00	8.71E-06	0.00E+00	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00
294	463320.5	3774104	5.51E-05	0.00E+00	0.00E+00	0.00E+00	8.44E-06	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	0.00E+00
295	463307.4	3774110	5.34E-05	0.00E+00	0.00E+00	0.00E+00	8.18E-06	0.00E+00	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	0.00E+00
296	463294.2	3774116	5.17E-05	0.00E+00	0.00E+00	0.00E+00	7.91E-06	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00
297	463281	3774122	5.00E-05	0.00E+00	0.00E+00	0.00E+00	7.66E-06	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00
298	463267.8	3774128	4.84E-05	0.00E+00	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	0.00E+00
299	463254.7	3774134	4.68E-05	0.00E+00	0.00E+00	0.00E+00	7.16E-06	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00
300	463241.5	3774140	4.52E-05	0.00E+00	0.00E+00	0.00E+00	6.93E-06	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00
301	463228.3	3774146	4.37E-05	0.00E+00	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00
302	463215.2	3774152	4.23E-05	0.00E+00	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00
303	463202	3774158	4.09E-05	0.00E+00	0.00E+00	0.00E+00	6.26E-06	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00
304	463188.8	3774164	3.95E-05	0.00E+00	0.00E+00	0.00E+00	6.05E-06	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00
305	463175.6	3774170	3.82E-05	0.00E+00	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00
306	463162.5	3774176	3.70E-05	0.00E+00	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00
307	463149.3	3774182	3.58E-05	0.00E+00	0.00E+00	0.00E+00	5.48E-06	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00
308	463136.1	3774188	3.46E-05	0.00E+00	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00
309	463123	3774194	3.34E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
310	463109.8	3774200	3.23E-05	0.00E+00	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00
311	463096.6	3774206	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
312	463083.4	3774212	3.02E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00
313	463070.3	3774218	2.92E-05	0.00E+00	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00
314	463057.1	3774224	2.83E-05	0.00E+00	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00
315	463043.9	3774230	2.74E-05	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
316	463039.2	3773233	3.17E-02	0.00E+00	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00
317	463039.1	3773224	3.34E-02	0.00E+00	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00
318	463039.1	3773215	3.35E-02	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00

319	463039.1	3773205	3.23E-02	0.00E+00	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00
320	463039.1	3773196	3.01E-02	0.00E+00	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00
321	463039.1	3773186	2.70E-02	0.00E+00	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00
322	463039.1	3773177	2.31E-02	0.00E+00	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00
323	463039	3773167	1.86E-02	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00
324	463039	3773158	1.39E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	9.12E-04	0.00E+00	0.00E+00	0.00E+00
325	463039	3773149	9.74E-03	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	0.00E+00
326	463049.2	3773233	2.46E-02	0.00E+00	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00
327	463049.1	3773224	2.54E-02	0.00E+00	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00
328	463049.1	3773215	2.53E-02	0.00E+00	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00
329	463049.1	3773205	2.43E-02	0.00E+00	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00
330	463049.1	3773196	2.26E-02	0.00E+00	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00
331	463049.1	3773186	2.02E-02	0.00E+00	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00
332	463049.1	3773177	1.73E-02	0.00E+00	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00
333	463049	3773167	1.41E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	9.24E-04	0.00E+00	0.00E+00	0.00E+00
334	463049	3773158	1.09E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	7.15E-04	0.00E+00	0.00E+00	0.00E+00
335	463049	3773149	8.03E-03	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00
336	463059.2	3773233	1.96E-02	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00
337	463059.1	3773224	2.00E-02	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00
338	463059.1	3773215	1.97E-02	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00
339	463059.1	3773205	1.89E-02	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00
340	463059.1	3773196	1.74E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00
341	463059.1	3773186	1.56E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00
342	463059.1	3773177	1.34E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	0.00E+00
343	463059	3773167	1.11E-02	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	0.00E+00
344	463059	3773158	8.79E-03	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00
345	463059	3773149	6.72E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00
346	463069.2	3773233	1.59E-02	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00
347	463069.1	3773224	1.60E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00
348	463069.1	3773214	1.57E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00
349	463069.1	3773205	1.50E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	9.83E-04	0.00E+00	0.00E+00	0.00E+00
350	463069.1	3773196	1.38E-02	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	0.00E+00
351	463069.1	3773186	1.24E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	8.11E-04	0.00E+00	0.00E+00	0.00E+00
352	463069.1	3773177	1.07E-02	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	0.00E+00
353	463069	3773167	8.96E-03	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	0.00E+00
354	463069	3773158	7.25E-03	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00
355	463069	3773149	5.70E-03	0.00E+00	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00
356	463079.2	3773233	1.31E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	0.00E+00
357	463079.1	3773224	1.31E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	0.00E+00
358	463079.1	3773214	1.28E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	0.00E+00
359	463079.1	3773205	1.21E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	7.96E-04	0.00E+00	0.00E+00	0.00E+00
360	463079.1	3773196	1.12E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	7.34E-04	0.00E+00	0.00E+00	0.00E+00
361	463079.1	3773186	1.00E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00
362	463079.1	3773177	8.74E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	0.00E+00
363	463079	3773167	7.40E-03	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00
364	463079	3773158	6.09E-03	0.00E+00	0.00E+00	0.00E+00	9.33E-04	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00

365	463079	3773149	4.90E-03	0.00E+00	0.00E+00	0.00E+00	7.50E-04	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00
366	463073	3773286	9.46E-03	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	0.00E+00
367	463089.2	3773233	1.10E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	7.20E-04	0.00E+00	0.00E+00	0.00E+00
368	463089.1	3773224	1.09E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	7.15E-04	0.00E+00	0.00E+00	0.00E+00
369	463089.1	3773214	1.06E-02	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	0.00E+00
370	463089.1	3773205	1.00E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	0.00E+00
371	463089.1	3773196	9.22E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00
372	463089.1	3773186	8.29E-03	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00
373	463089.1	3773177	7.26E-03	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00
374	463089	3773167	6.21E-03	0.00E+00	0.00E+00	0.00E+00	9.51E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00
375	463089	3773158	5.19E-03	0.00E+00	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00
376	463089	3773148	4.25E-03	0.00E+00	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00
377	463080.5	3773293	8.10E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	0.00E+00
378	463099.2	3773233	9.29E-03	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00
379	463099.1	3773224	9.16E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	0.00E+00
380	463099.1	3773214	8.85E-03	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00
381	463099.1	3773205	8.35E-03	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	0.00E+00
382	463099.1	3773196	7.71E-03	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	0.00E+00
383	463099.1	3773186	6.95E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00
384	463099.1	3773177	6.13E-03	0.00E+00	0.00E+00	0.00E+00	9.38E-04	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00
385	463099	3773167	5.29E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-04	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00
386	463099	3773158	4.48E-03	0.00E+00	0.00E+00	0.00E+00	6.85E-04	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00
387	463099	3773148	3.72E-03	0.00E+00	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00
388	463094	3773284	7.85E-03	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00
389	463109.2	3773233	7.94E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00
390	463109.1	3773224	7.79E-03	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00
391	463109.1	3773214	7.50E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00
392	463109.1	3773205	7.07E-03	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00
393	463109.1	3773196	6.53E-03	0.00E+00	0.00E+00	0.00E+00	9.99E-04	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00
394	463109.1	3773186	5.91E-03	0.00E+00	0.00E+00	0.00E+00	9.04E-04	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00
395	463109.1	3773177	5.24E-03	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00
396	463109	3773167	4.56E-03	0.00E+00	0.00E+00	0.00E+00	6.98E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00
397	463109	3773158	3.90E-03	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00
398	463109	3773148	3.28E-03	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00
399	463113	3773286	6.31E-03	0.00E+00	0.00E+00	0.00E+00	9.65E-04	0.00E+00	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00
400	463109.8	3773295	6.08E-03	0.00E+00	0.00E+00	0.00E+00	9.31E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00
401	463106.5	3773304	5.79E-03	0.00E+00	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00
402	463103.3	3773313	5.44E-03	0.00E+00	0.00E+00	0.00E+00	8.33E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00
403	463129.2	3773233	5.95E-03	0.00E+00	0.00E+00	0.00E+00	9.11E-04	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00
404	463129.1	3773224	5.79E-03	0.00E+00	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00
405	463129.1	3773214	5.55E-03	0.00E+00	0.00E+00	0.00E+00	8.49E-04	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	0.00E+00
406	463129.1	3773205	5.22E-03	0.00E+00	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00
407	463129.1	3773196	4.83E-03	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00
408	463129.1	3773186	4.40E-03	0.00E+00	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00
409	463129.1	3773177	3.94E-03	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00
410	463129	3773167	3.48E-03	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00

411	463129	3773158	3.03E-03	0.00E+00	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00
412	463129	3773148	2.60E-03	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00
413	463130.7	3773293	5.10E-03	0.00E+00	0.00E+00	0.00E+00	7.80E-04	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00
414	463127.6	3773301	4.96E-03	0.00E+00	0.00E+00	0.00E+00	7.60E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00
415	463121.4	3773318	4.56E-03	0.00E+00	0.00E+00	0.00E+00	6.98E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00
416	463149.2	3773233	4.60E-03	0.00E+00	0.00E+00	0.00E+00	7.04E-04	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00
417	463149.1	3773224	4.45E-03	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00
418	463149.1	3773214	4.24E-03	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00
419	463149.1	3773205	3.99E-03	0.00E+00	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00
420	463149.1	3773195	3.71E-03	0.00E+00	0.00E+00	0.00E+00	5.67E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00
421	463149.1	3773186	3.39E-03	0.00E+00	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00
422	463149.1	3773177	3.06E-03	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00
423	463149	3773167	2.73E-03	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00
424	463149	3773158	2.41E-03	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00
425	463149	3773148	2.11E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00
426	463153	3773286	4.25E-03	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00
427	463149.8	3773295	4.22E-03	0.00E+00	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00
428	463146.5	3773304	4.15E-03	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00
429	463143.3	3773312	4.04E-03	0.00E+00	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00
430	463140.1	3773321	3.89E-03	0.00E+00	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00
431	463136.8	3773330	3.70E-03	0.00E+00	0.00E+00	0.00E+00	5.67E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00
432	463133.6	3773339	3.50E-03	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00
433	463169.2	3773233	3.62E-03	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00
434	463169.1	3773224	3.49E-03	0.00E+00	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00
435	463169.1	3773214	3.33E-03	0.00E+00	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00
436	463169.1	3773205	3.14E-03	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00
437	463169.1	3773195	2.92E-03	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00
438	463169.1	3773186	2.69E-03	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00
439	463169.1	3773177	2.44E-03	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00
440	463169	3773167	2.20E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00
441	463169	3773158	1.96E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00
442	463169	3773148	1.74E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00
443	463170.5	3773293	3.54E-03	0.00E+00	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00
444	463167.3	3773301	3.52E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00
445	463164.2	3773310	3.48E-03	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00
446	463158	3773327	3.30E-03	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00
447	463154.9	3773335	3.18E-03	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00
448	463148.6	3773352	2.89E-03	0.00E+00	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00
449	463189.2	3773233	2.91E-03	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00
450	463189.1	3773224	2.80E-03	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00
451	463189.1	3773214	2.67E-03	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00
452	463189.1	3773205	2.52E-03	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00
453	463189.1	3773195	2.35E-03	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00
454	463189.1	3773186	2.17E-03	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00
455	463189.1	3773177	1.99E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00
456	463189	3773167	1.81E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00

457	463189	3773158	1.63E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00
458	463189	3773148	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	9.53E-05	0.00E+00	0.00E+00	0.00E+00
459	463193	3773286	2.95E-03	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00
460	463189.8	3773295	2.98E-03	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00
461	463186.5	3773304	2.99E-03	0.00E+00	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00
462	463183.3	3773312	2.97E-03	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00
463	463180.1	3773321	2.93E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00
464	463176.8	3773330	2.86E-03	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00
465	463173.6	3773339	2.78E-03	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00
466	463170.4	3773347	2.68E-03	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00
467	463167.1	3773356	2.56E-03	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00
468	463163.9	3773365	2.43E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00
469	463209.2	3773233	2.38E-03	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00
470	463209.1	3773224	2.29E-03	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00
471	463209.1	3773214	2.18E-03	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00
472	463209.1	3773205	2.06E-03	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00
473	463209.1	3773195	1.93E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00
474	463209.1	3773186	1.79E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00
475	463209.1	3773177	1.65E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00
476	463209	3773167	1.51E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	9.89E-05	0.00E+00	0.00E+00	0.00E+00
477	463209	3773158	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	8.96E-05	0.00E+00	0.00E+00	0.00E+00
478	463209	3773148	1.23E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-05	0.00E+00	0.00E+00	0.00E+00
479	463213.5	3773285	2.48E-03	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00
480	463210.3	3773293	2.52E-03	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00
481	463207.2	3773302	2.54E-03	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00
482	463204.1	3773310	2.55E-03	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00
483	463200.9	3773319	2.54E-03	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00
484	463197.8	3773327	2.51E-03	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00
485	463194.6	3773336	2.47E-03	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00
486	463191.5	3773344	2.41E-03	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00
487	463188.4	3773353	2.34E-03	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00
488	463182.1	3773370	2.16E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00
489	463178.9	3773378	2.06E-03	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00
490	463229.2	3773233	1.98E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00
491	463229.1	3773224	1.90E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00
492	463229.1	3773214	1.81E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00
493	463229.1	3773205	1.71E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00
494	463229.1	3773195	1.61E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00
495	463229.1	3773186	1.50E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	9.83E-05	0.00E+00	0.00E+00	0.00E+00
496	463229.1	3773176	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	9.09E-05	0.00E+00	0.00E+00	0.00E+00
497	463229	3773167	1.27E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	8.35E-05	0.00E+00	0.00E+00	0.00E+00
498	463229	3773158	1.16E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-05	0.00E+00	0.00E+00	0.00E+00
499	463229	3773148	1.05E-03	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	6.92E-05	0.00E+00	0.00E+00	0.00E+00
500	463233	3773286	2.11E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00
501	463229.8	3773295	2.15E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00
502	463226.5	3773304	2.18E-03	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00

503	463223.3	3773312	2.20E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00
504	463220.1	3773321	2.20E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00
505	463216.8	3773330	2.19E-03	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00
506	463213.6	3773338	2.16E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00
507	463210.4	3773347	2.13E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00
508	463207.1	3773356	2.08E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00
509	463203.9	3773365	2.01E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00
510	463200.6	3773373	1.94E-03	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00
511	463197.4	3773382	1.85E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00
512	463194.2	3773391	1.77E-03	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00
513	463249.2	3773233	1.67E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00
514	463249.1	3773224	1.60E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00
515	463249.1	3773214	1.52E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00
516	463249.1	3773205	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	9.47E-05	0.00E+00	0.00E+00	0.00E+00
517	463249.1	3773195	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	8.91E-05	0.00E+00	0.00E+00	0.00E+00
518	463249.1	3773186	1.27E-03	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	8.33E-05	0.00E+00	0.00E+00	0.00E+00
519	463249.1	3773176	1.18E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	7.73E-05	0.00E+00	0.00E+00	0.00E+00
520	463249	3773167	1.09E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	7.14E-05	0.00E+00	0.00E+00	0.00E+00
521	463249	3773158	9.98E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-05	0.00E+00	0.00E+00	0.00E+00
522	463249	3773148	9.12E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	0.00E+00
523	463253.4	3773285	1.80E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00
524	463250.3	3773293	1.84E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00
525	463247.1	3773302	1.88E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00
526	463243.9	3773310	1.90E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00
527	463240.8	3773319	1.92E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00
528	463237.6	3773328	1.92E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00
529	463234.5	3773336	1.91E-03	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00
530	463231.3	3773345	1.89E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00
531	463228.2	3773353	1.87E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00
532	463225	3773362	1.83E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00
533	463221.9	3773370	1.78E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00
534	463218.7	3773379	1.73E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00
535	463215.6	3773387	1.67E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00
536	463212.4	3773396	1.60E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00
537	463209.2	3773404	1.53E-03	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00
538	463269.2	3773233	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05	0.00E+00	0.00E+00	0.00E+00
539	463269.1	3773224	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	8.93E-05	0.00E+00	0.00E+00	0.00E+00
540	463269.1	3773214	1.30E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	8.51E-05	0.00E+00	0.00E+00	0.00E+00
541	463269.1	3773205	1.23E-03	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	8.07E-05	0.00E+00	0.00E+00	0.00E+00
542	463269.1	3773195	1.16E-03	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-05	0.00E+00	0.00E+00	0.00E+00
543	463269.1	3773186	1.09E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	7.13E-05	0.00E+00	0.00E+00	0.00E+00
544	463269.1	3773176	1.01E-03	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05	0.00E+00	0.00E+00	0.00E+00
545	463269	3773167	9.39E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	6.16E-05	0.00E+00	0.00E+00	0.00E+00
546	463269	3773158	8.66E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-05	0.00E+00	0.00E+00	0.00E+00
547	463269	3773148	7.95E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	5.22E-05	0.00E+00	0.00E+00	0.00E+00
548	463273	3773286	1.56E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00

549	463269.8	3773295	1.60E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00
550	463266.5	3773303	1.63E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00
551	463263.3	3773312	1.66E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00
552	463260.1	3773321	1.68E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00
553	463256.8	3773330	1.69E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00
554	463253.6	3773338	1.69E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00
555	463250.4	3773347	1.68E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00
556	463247.1	3773356	1.66E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00
557	463243.9	3773365	1.63E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00
558	463240.6	3773373	1.60E-03	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00
559	463237.4	3773382	1.56E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00
560	463234.2	3773391	1.51E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	9.91E-05	0.00E+00	0.00E+00	0.00E+00
561	463230.9	3773400	1.46E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	9.57E-05	0.00E+00	0.00E+00	0.00E+00
562	463227.7	3773408	1.40E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	0.00E+00
563	463224.5	3773417	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	8.83E-05	0.00E+00	0.00E+00	0.00E+00
564	463289.2	3773233	1.22E-03	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-05	0.00E+00	0.00E+00	0.00E+00
565	463289.1	3773223	1.17E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05	0.00E+00	0.00E+00	0.00E+00
566	463289.1	3773214	1.11E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05	0.00E+00	0.00E+00	0.00E+00
567	463289.1	3773205	1.06E-03	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-05	0.00E+00	0.00E+00	0.00E+00
568	463289.1	3773195	9.99E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-05	0.00E+00	0.00E+00	0.00E+00
569	463289.1	3773186	9.39E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	6.16E-05	0.00E+00	0.00E+00	0.00E+00
570	463289.1	3773176	8.79E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	5.77E-05	0.00E+00	0.00E+00	0.00E+00
571	463289	3773167	8.18E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	0.00E+00
572	463289	3773158	7.57E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.97E-05	0.00E+00	0.00E+00	0.00E+00
573	463289	3773148	6.99E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	0.00E+00
574	463293.4	3773285	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	8.85E-05	0.00E+00	0.00E+00	0.00E+00
575	463290.2	3773294	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	9.10E-05	0.00E+00	0.00E+00	0.00E+00
576	463287	3773302	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	9.33E-05	0.00E+00	0.00E+00	0.00E+00
577	463283.9	3773311	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	9.51E-05	0.00E+00	0.00E+00	0.00E+00
578	463280.7	3773319	1.47E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	9.66E-05	0.00E+00	0.00E+00	0.00E+00
579	463277.5	3773328	1.49E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	9.76E-05	0.00E+00	0.00E+00	0.00E+00
580	463274.4	3773336	1.49E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	9.80E-05	0.00E+00	0.00E+00	0.00E+00
581	463271.2	3773345	1.49E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	9.80E-05	0.00E+00	0.00E+00	0.00E+00
582	463268	3773353	1.48E-03	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	9.74E-05	0.00E+00	0.00E+00	0.00E+00
583	463264.9	3773362	1.47E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	9.66E-05	0.00E+00	0.00E+00	0.00E+00
584	463261.7	3773370	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	9.53E-05	0.00E+00	0.00E+00	0.00E+00
585	463258.5	3773379	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	9.37E-05	0.00E+00	0.00E+00	0.00E+00
586	463255.4	3773388	1.40E-03	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	9.17E-05	0.00E+00	0.00E+00	0.00E+00
587	463252.2	3773396	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	8.94E-05	0.00E+00	0.00E+00	0.00E+00
588	463249	3773405	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	8.69E-05	0.00E+00	0.00E+00	0.00E+00
589	463245.9	3773413	1.28E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	8.40E-05	0.00E+00	0.00E+00	0.00E+00
590	463242.7	3773422	1.23E-03	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-05	0.00E+00	0.00E+00	0.00E+00
591	463239.5	3773430	1.18E-03	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	7.76E-05	0.00E+00	0.00E+00	0.00E+00
592	463309.2	3773233	1.05E-03	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	6.92E-05	0.00E+00	0.00E+00	0.00E+00
593	463309.1	3773223	1.01E-03	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05	0.00E+00	0.00E+00	0.00E+00
594	463309.1	3773214	9.67E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	6.34E-05	0.00E+00	0.00E+00	0.00E+00

595	463309.1	3773205	9.19E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	0.00E+00
596	463309.1	3773195	8.70E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	5.71E-05	0.00E+00	0.00E+00	0.00E+00
597	463309.1	3773186	8.19E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00
598	463309.1	3773176	7.69E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	5.04E-05	0.00E+00	0.00E+00	0.00E+00
599	463309	3773167	7.18E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-05	0.00E+00	0.00E+00	0.00E+00
600	463309	3773157	6.67E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	0.00E+00
601	463309	3773148	6.19E-04	0.00E+00	0.00E+00	0.00E+00	9.47E-05	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00
602	463323.2	3773285	1.11E-03	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	7.27E-05	0.00E+00	0.00E+00	0.00E+00
603	463320	3773294	1.14E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05	0.00E+00	0.00E+00	0.00E+00
604	463316.8	3773303	1.17E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-05	0.00E+00	0.00E+00	0.00E+00
605	463313.6	3773311	1.20E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	7.87E-05	0.00E+00	0.00E+00	0.00E+00
606	463310.4	3773320	1.22E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	8.02E-05	0.00E+00	0.00E+00	0.00E+00
607	463307.2	3773329	1.24E-03	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	8.13E-05	0.00E+00	0.00E+00	0.00E+00
608	463303.9	3773337	1.25E-03	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05	0.00E+00	0.00E+00	0.00E+00
609	463300.7	3773346	1.26E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	8.27E-05	0.00E+00	0.00E+00	0.00E+00
610	463297.5	3773355	1.26E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	0.00E+00
611	463294.3	3773363	1.26E-03	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	0.00E+00
612	463291.1	3773372	1.25E-03	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	8.19E-05	0.00E+00	0.00E+00	0.00E+00
613	463287.9	3773381	1.23E-03	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-05	0.00E+00	0.00E+00	0.00E+00
614	463284.7	3773389	1.22E-03	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-05	0.00E+00	0.00E+00	0.00E+00
615	463281.5	3773398	1.19E-03	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	7.83E-05	0.00E+00	0.00E+00	0.00E+00
616	463278.3	3773406	1.17E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05	0.00E+00	0.00E+00	0.00E+00
617	463275.1	3773415	1.14E-03	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-05	0.00E+00	0.00E+00	0.00E+00
618	463271.9	3773424	1.10E-03	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-05	0.00E+00	0.00E+00	0.00E+00
619	463268.7	3773432	1.07E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	7.01E-05	0.00E+00	0.00E+00	0.00E+00
620	463265.5	3773441	1.03E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	6.75E-05	0.00E+00	0.00E+00	0.00E+00
621	463262.3	3773450	9.90E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	6.49E-05	0.00E+00	0.00E+00	0.00E+00
622	463339.2	3773233	8.63E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	5.66E-05	0.00E+00	0.00E+00	0.00E+00
623	463339.1	3773223	8.29E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-05	0.00E+00	0.00E+00	0.00E+00
624	463339.1	3773214	7.92E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	0.00E+00
625	463339.1	3773205	7.54E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	0.00E+00
626	463339.1	3773195	7.16E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	0.00E+00
627	463339.1	3773186	6.77E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	0.00E+00
628	463339.1	3773176	6.37E-04	0.00E+00	0.00E+00	0.00E+00	9.76E-05	0.00E+00	0.00E+00	0.00E+00	4.18E-05	0.00E+00	0.00E+00	0.00E+00
629	463339	3773167	5.98E-04	0.00E+00	0.00E+00	0.00E+00	9.15E-05	0.00E+00	0.00E+00	0.00E+00	3.92E-05	0.00E+00	0.00E+00	0.00E+00
630	463339	3773157	5.59E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00
631	463339	3773148	5.21E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00
632	463353	3773286	9.20E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-05	0.00E+00	0.00E+00	0.00E+00
633	463349.8	3773295	9.51E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-05	0.00E+00	0.00E+00	0.00E+00
634	463346.5	3773303	9.79E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	6.42E-05	0.00E+00	0.00E+00	0.00E+00
635	463343.3	3773312	1.00E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05	0.00E+00	0.00E+00	0.00E+00
636	463340.1	3773321	1.02E-03	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05	0.00E+00	0.00E+00	0.00E+00
637	463336.8	3773329	1.04E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	6.84E-05	0.00E+00	0.00E+00	0.00E+00
638	463333.6	3773338	1.06E-03	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-05	0.00E+00	0.00E+00	0.00E+00
639	463330.4	3773347	1.07E-03	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	7.01E-05	0.00E+00	0.00E+00	0.00E+00
640	463327.1	3773356	1.08E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	7.06E-05	0.00E+00	0.00E+00	0.00E+00

641	463323.9	3773364	1.08E-03	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	7.07E-05	0.00E+00	0.00E+00	0.00E+00
642	463320.6	3773373	1.07E-03	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05	0.00E+00	0.00E+00	0.00E+00
643	463317.4	3773382	1.07E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	7.01E-05	0.00E+00	0.00E+00	0.00E+00
644	463314.2	3773391	1.06E-03	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-05	0.00E+00	0.00E+00	0.00E+00
645	463310.9	3773399	1.05E-03	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-05	0.00E+00	0.00E+00	0.00E+00
646	463307.7	3773408	1.03E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-05	0.00E+00	0.00E+00	0.00E+00
647	463304.5	3773417	1.01E-03	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	0.00E+00
648	463301.2	3773426	9.87E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	6.48E-05	0.00E+00	0.00E+00	0.00E+00
649	463298	3773434	9.60E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-05	0.00E+00	0.00E+00	0.00E+00
650	463294.8	3773443	9.32E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	6.12E-05	0.00E+00	0.00E+00	0.00E+00
651	463291.5	3773452	9.03E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	5.93E-05	0.00E+00	0.00E+00	0.00E+00
652	463369.2	3773233	7.17E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	0.00E+00
653	463369.1	3773223	6.89E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	0.00E+00
654	463369.1	3773214	6.59E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00
655	463369.1	3773204	6.29E-04	0.00E+00	0.00E+00	0.00E+00	9.63E-05	0.00E+00	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	0.00E+00
656	463369.1	3773195	5.98E-04	0.00E+00	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00
657	463369.1	3773186	5.67E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-05	0.00E+00	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00
658	463369.1	3773176	5.36E-04	0.00E+00	0.00E+00	0.00E+00	8.21E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00
659	463369	3773167	5.05E-04	0.00E+00	0.00E+00	0.00E+00	7.73E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00
660	463369	3773157	4.74E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00
661	463369	3773148	4.44E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00
662	463382.9	3773286	7.73E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	5.08E-05	0.00E+00	0.00E+00	0.00E+00
663	463379.6	3773295	8.00E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	5.25E-05	0.00E+00	0.00E+00	0.00E+00
664	463376.3	3773304	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-05	0.00E+00	0.00E+00	0.00E+00
665	463373.1	3773313	8.47E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	5.56E-05	0.00E+00	0.00E+00	0.00E+00
666	463369.8	3773321	8.67E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	0.00E+00
667	463366.5	3773330	8.84E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-05	0.00E+00	0.00E+00	0.00E+00
668	463363.3	3773339	8.99E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-05	0.00E+00	0.00E+00	0.00E+00
669	463360	3773348	9.12E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	0.00E+00
670	463356.8	3773357	9.21E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-05	0.00E+00	0.00E+00	0.00E+00
671	463353.5	3773365	9.26E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00
672	463350.2	3773374	9.28E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	6.09E-05	0.00E+00	0.00E+00	0.00E+00
673	463347	3773383	9.26E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00
674	463343.7	3773392	9.23E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-05	0.00E+00	0.00E+00	0.00E+00
675	463340.4	3773401	9.17E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00
676	463337.2	3773409	9.07E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.96E-05	0.00E+00	0.00E+00	0.00E+00
677	463333.9	3773418	8.96E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-05	0.00E+00	0.00E+00	0.00E+00
678	463330.6	3773427	8.81E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	5.78E-05	0.00E+00	0.00E+00	0.00E+00
679	463327.4	3773436	8.65E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	5.67E-05	0.00E+00	0.00E+00	0.00E+00
680	463324.1	3773445	8.45E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	5.55E-05	0.00E+00	0.00E+00	0.00E+00
681	463320.9	3773454	8.23E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	5.40E-05	0.00E+00	0.00E+00	0.00E+00
682	463399.2	3773233	6.03E-04	0.00E+00	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	0.00E+00
683	463399.1	3773223	5.80E-04	0.00E+00	0.00E+00	0.00E+00	8.88E-05	0.00E+00	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	0.00E+00
684	463399.1	3773214	5.56E-04	0.00E+00	0.00E+00	0.00E+00	8.51E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00
685	463399.1	3773204	5.32E-04	0.00E+00	0.00E+00	0.00E+00	8.14E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	0.00E+00
686	463399.1	3773195	5.07E-04	0.00E+00	0.00E+00	0.00E+00	7.76E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00

687	463399.1	3773186	4.82E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00
688	463399.1	3773176	4.56E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00
689	463399	3773167	4.31E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	0.00E+00
690	463399	3773157	4.06E-04	0.00E+00	0.00E+00	0.00E+00	6.22E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00
691	463399	3773148	3.82E-04	0.00E+00	0.00E+00	0.00E+00	5.85E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00
692	463403.7	3773311	7.17E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	0.00E+00
693	463400.5	3773319	7.35E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	0.00E+00
694	463397.3	3773328	7.51E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00
695	463394.1	3773337	7.66E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	0.00E+00
696	463391	3773345	7.79E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	5.11E-05	0.00E+00	0.00E+00	0.00E+00
697	463387.8	3773354	7.90E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	0.00E+00
698	463384.6	3773362	7.98E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	5.24E-05	0.00E+00	0.00E+00	0.00E+00
699	463381.4	3773371	8.04E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	5.28E-05	0.00E+00	0.00E+00	0.00E+00
700	463378.2	3773380	8.08E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00
701	463375	3773388	8.09E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-05	0.00E+00	0.00E+00	0.00E+00
702	463371.9	3773397	8.07E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00
703	463368.7	3773405	8.04E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	5.28E-05	0.00E+00	0.00E+00	0.00E+00
704	463365.5	3773414	7.99E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	5.24E-05	0.00E+00	0.00E+00	0.00E+00
705	463362.3	3773423	7.91E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	0.00E+00
706	463359.1	3773431	7.82E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	0.00E+00
707	463355.9	3773440	7.71E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	0.00E+00
708	463352.7	3773448	7.58E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00
709	463349.6	3773457	7.43E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.87E-05	0.00E+00	0.00E+00	0.00E+00
710	463401.4	3773398	7.11E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	0.00E+00
711	463398.2	3773407	7.10E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00
712	463394.9	3773415	7.07E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	4.64E-05	0.00E+00	0.00E+00	0.00E+00
713	463391.7	3773424	7.03E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	4.62E-05	0.00E+00	0.00E+00	0.00E+00
714	463388.5	3773433	6.98E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00
715	463385.3	3773441	6.91E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	0.00E+00
716	463382.1	3773450	6.83E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00
717	463459.2	3773242	4.57E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00
718	463459.2	3773233	4.41E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00
719	463459.1	3773223	4.26E-04	0.00E+00	0.00E+00	0.00E+00	6.51E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00
720	463459.1	3773214	4.09E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00
721	463459.1	3773204	3.92E-04	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00
722	463459.1	3773195	3.75E-04	0.00E+00	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00
723	463459.1	3773185	3.58E-04	0.00E+00	0.00E+00	0.00E+00	5.48E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00
724	463459.1	3773176	3.41E-04	0.00E+00	0.00E+00	0.00E+00	5.22E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00
725	463459	3773167	3.24E-04	0.00E+00	0.00E+00	0.00E+00	4.96E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00
726	463459	3773157	3.08E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00
727	463459	3773148	2.91E-04	0.00E+00	0.00E+00	0.00E+00	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00
728	463489.2	3773242	3.96E-04	0.00E+00	0.00E+00	0.00E+00	6.07E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00
729	463489.2	3773232	3.83E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-05	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00
730	463489.1	3773223	3.70E-04	0.00E+00	0.00E+00	0.00E+00	5.66E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00
731	463489.1	3773214	3.56E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-05	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00
732	463489.1	3773204	3.42E-04	0.00E+00	0.00E+00	0.00E+00	5.23E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00

733	463489.1	3773195	3.27E-04	0.00E+00	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00
734	463489.1	3773185	3.13E-04	0.00E+00	0.00E+00	0.00E+00	4.79E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00
735	463489.1	3773176	2.99E-04	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00
736	463489	3773167	2.85E-04	0.00E+00	0.00E+00	0.00E+00	4.36E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00
737	463489	3773157	2.71E-04	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00
738	463489	3773148	2.57E-04	0.00E+00	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
739	463519.2	3773242	3.46E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00
740	463519.2	3773232	3.35E-04	0.00E+00	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00
741	463519.1	3773223	3.23E-04	0.00E+00	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00
742	463519.1	3773214	3.12E-04	0.00E+00	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00
743	463519.1	3773204	3.00E-04	0.00E+00	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00
744	463519.1	3773195	2.88E-04	0.00E+00	0.00E+00	0.00E+00	4.40E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00
745	463519.1	3773185	2.76E-04	0.00E+00	0.00E+00	0.00E+00	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00
746	463519.1	3773176	2.64E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00
747	463519	3773166	2.52E-04	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00
748	463519	3773157	2.40E-04	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00
749	463519	3773148	2.28E-04	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00
750	463549.2	3773242	3.05E-04	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00
751	463549.2	3773232	2.95E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00
752	463549.1	3773223	2.85E-04	0.00E+00	0.00E+00	0.00E+00	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00
753	463549.1	3773214	2.75E-04	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00
754	463549.1	3773204	2.65E-04	0.00E+00	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00
755	463549.1	3773195	2.55E-04	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00
756	463549.1	3773185	2.44E-04	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00
757	463549.1	3773176	2.34E-04	0.00E+00	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00
758	463549	3773166	2.24E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00
759	463549	3773157	2.14E-04	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00
760	463549	3773148	2.04E-04	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00
761	463579.2	3773242	2.70E-04	0.00E+00	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00
762	463579.2	3773232	2.62E-04	0.00E+00	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00
763	463579.1	3773223	2.53E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00
764	463579.1	3773213	2.44E-04	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00
765	463579.1	3773204	2.36E-04	0.00E+00	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00
766	463579.1	3773195	2.27E-04	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00
767	463579.1	3773185	2.18E-04	0.00E+00	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00
768	463579.1	3773176	2.09E-04	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00
769	463579	3773166	2.00E-04	0.00E+00	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00
770	463579	3773157	1.92E-04	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
771	463579	3773148	1.83E-04	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
772	463609.2	3773242	2.41E-04	0.00E+00	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00
773	463609.2	3773232	2.33E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00
774	463609.1	3773223	2.26E-04	0.00E+00	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00
775	463609.1	3773213	2.18E-04	0.00E+00	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00
776	463609.1	3773204	2.11E-04	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
777	463609.1	3773195	2.03E-04	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00
778	463609.1	3773185	1.96E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00

779	463609.1	3773176	1.88E-04	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00
780	463609	3773166	1.80E-04	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
781	463609	3773157	1.73E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
782	463609	3773147	1.66E-04	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
783	463649.2	3773232	2.02E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00
784	463649.1	3773223	1.96E-04	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00
785	463649.1	3773213	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
786	463649.1	3773204	1.83E-04	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
787	463649.1	3773194	1.77E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
788	463649.1	3773185	1.70E-04	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
789	463649.1	3773176	1.64E-04	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
790	463649	3773166	1.58E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
791	463649	3773157	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	9.96E-06	0.00E+00	0.00E+00	0.00E+00
792	463649	3773147	1.46E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	9.56E-06	0.00E+00	0.00E+00	0.00E+00
793	463689.2	3773232	1.76E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
794	463689.1	3773223	1.71E-04	0.00E+00	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
795	463689.1	3773213	1.66E-04	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
796	463689.1	3773204	1.60E-04	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00
797	463689.1	3773194	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
798	463689.1	3773185	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	9.83E-06	0.00E+00	0.00E+00	0.00E+00
799	463689.1	3773176	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	9.48E-06	0.00E+00	0.00E+00	0.00E+00
800	463689	3773166	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00	9.14E-06	0.00E+00	0.00E+00	0.00E+00
801	463689	3773157	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-06	0.00E+00	0.00E+00	0.00E+00
802	463689	3773147	1.29E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	0.00E+00
803	463729.2	3773232	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
804	463729.1	3773223	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	9.89E-06	0.00E+00	0.00E+00	0.00E+00
805	463729.1	3773213	1.46E-04	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	9.60E-06	0.00E+00	0.00E+00	0.00E+00
806	463729.1	3773204	1.42E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	9.30E-06	0.00E+00	0.00E+00	0.00E+00
807	463729.1	3773194	1.37E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	9.00E-06	0.00E+00	0.00E+00	0.00E+00
808	463729.1	3773185	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	8.70E-06	0.00E+00	0.00E+00	0.00E+00
809	463729.1	3773175	1.28E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	8.41E-06	0.00E+00	0.00E+00	0.00E+00
810	463729	3773166	1.24E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	8.12E-06	0.00E+00	0.00E+00	0.00E+00
811	463729	3773157	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	7.83E-06	0.00E+00	0.00E+00	0.00E+00
812	463729	3773147	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	7.54E-06	0.00E+00	0.00E+00	0.00E+00
813	463769.2	3773232	1.38E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	9.03E-06	0.00E+00	0.00E+00	0.00E+00
814	463769.1	3773222	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.78E-06	0.00E+00	0.00E+00	0.00E+00
815	463769.1	3773213	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	8.52E-06	0.00E+00	0.00E+00	0.00E+00
816	463769.1	3773204	1.26E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	8.27E-06	0.00E+00	0.00E+00	0.00E+00
817	463769.1	3773194	1.22E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	0.00E+00
818	463769.1	3773185	1.18E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	7.76E-06	0.00E+00	0.00E+00	0.00E+00
819	463769.1	3773175	1.14E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	7.50E-06	0.00E+00	0.00E+00	0.00E+00
820	463769	3773166	1.11E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	7.25E-06	0.00E+00	0.00E+00	0.00E+00
821	463769	3773157	1.07E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	7.01E-06	0.00E+00	0.00E+00	0.00E+00
822	463769	3773147	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	0.00E+00
823	463809.2	3773232	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	8.05E-06	0.00E+00	0.00E+00	0.00E+00
824	463809.1	3773222	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	7.83E-06	0.00E+00	0.00E+00	0.00E+00

825	463809.1	3773213	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	7.62E-06	0.00E+00	0.00E+00	0.00E+00
826	463809.1	3773204	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	7.39E-06	0.00E+00	0.00E+00	0.00E+00
827	463809.1	3773194	1.09E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	7.17E-06	0.00E+00	0.00E+00	0.00E+00
828	463809.1	3773185	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	6.95E-06	0.00E+00	0.00E+00	0.00E+00
829	463809.1	3773175	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	6.74E-06	0.00E+00	0.00E+00	0.00E+00
830	463809	3773166	9.94E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	0.00E+00
831	463809	3773156	9.61E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	0.00E+00
832	463809	3773147	9.30E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-06	0.00E+00	0.00E+00	0.00E+00
833	463849.2	3773232	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	0.00E+00
834	463849.1	3773222	1.07E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	0.00E+00
835	463849.1	3773213	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	6.84E-06	0.00E+00	0.00E+00	0.00E+00
836	463849.1	3773203	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	6.65E-06	0.00E+00	0.00E+00	0.00E+00
837	463849.1	3773194	9.85E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00
838	463849.1	3773185	9.56E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	6.27E-06	0.00E+00	0.00E+00	0.00E+00
839	463849.1	3773175	9.27E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00	6.08E-06	0.00E+00	0.00E+00	0.00E+00
840	463849	3773166	8.99E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	5.90E-06	0.00E+00	0.00E+00	0.00E+00
841	463849	3773156	8.71E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	5.71E-06	0.00E+00	0.00E+00	0.00E+00
842	463849	3773147	8.43E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	0.00E+00
843	463889.2	3773241	1.02E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	0.00E+00
844	463889.2	3773232	9.93E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	0.00E+00
845	463889.1	3773222	9.68E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	6.35E-06	0.00E+00	0.00E+00	0.00E+00
846	463889.1	3773213	9.42E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	6.18E-06	0.00E+00	0.00E+00	0.00E+00
847	463889.1	3773203	9.17E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	0.00E+00
848	463889.1	3773194	8.91E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	0.00E+00
849	463889.1	3773185	8.66E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	0.00E+00
850	463889.1	3773175	8.41E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	0.00E+00
851	463889	3773166	8.16E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	0.00E+00
852	463889	3773156	7.92E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	0.00E+00
853	463889	3773147	7.68E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	5.04E-06	0.00E+00	0.00E+00	0.00E+00
854	463929.2	3773241	9.23E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	0.00E+00
855	463929.2	3773232	9.01E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	0.00E+00
856	463929.1	3773222	8.78E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	5.76E-06	0.00E+00	0.00E+00	0.00E+00
857	463929.1	3773213	8.56E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.62E-06	0.00E+00	0.00E+00	0.00E+00
858	463929.1	3773203	8.33E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	0.00E+00
859	463929.1	3773194	8.11E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	0.00E+00
860	463929.1	3773184	7.89E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	0.00E+00
861	463929.1	3773175	7.67E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	5.03E-06	0.00E+00	0.00E+00	0.00E+00
862	463929	3773166	7.45E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	0.00E+00
863	463929	3773156	7.24E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	0.00E+00
864	463929	3773147	7.03E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	0.00E+00
865	463969.2	3773241	8.40E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	0.00E+00
866	463969.2	3773232	8.20E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	0.00E+00
867	463969.1	3773222	8.00E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.25E-06	0.00E+00	0.00E+00	0.00E+00
868	463969.1	3773213	7.81E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00
869	463969.1	3773203	7.61E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	0.00E+00
870	463969.1	3773194	7.41E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	0.00E+00

871	463969.1	3773184	7.21E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	0.00E+00
872	463969.1	3773175	7.02E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	0.00E+00
873	463969	3773166	6.83E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	0.00E+00
874	463969	3773156	6.64E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	0.00E+00
875	463969	3773147	6.45E-05	0.00E+00	0.00E+00	0.00E+00	9.88E-06	0.00E+00	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	0.00E+00
876	464009.2	3773241	7.68E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	5.04E-06	0.00E+00	0.00E+00	0.00E+00
877	464009.2	3773231	7.50E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	0.00E+00
878	464009.1	3773222	7.33E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	0.00E+00
879	464009.1	3773213	7.15E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00
880	464009.1	3773203	6.98E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	0.00E+00
881	464009.1	3773194	6.80E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	0.00E+00
882	464009.1	3773184	6.63E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	0.00E+00
883	464009	3773175	6.46E-05	0.00E+00	0.00E+00	0.00E+00	9.88E-06	0.00E+00	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	0.00E+00
884	464009	3773165	6.29E-05	0.00E+00	0.00E+00	0.00E+00	9.62E-06	0.00E+00	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	0.00E+00
885	464009	3773156	6.12E-05	0.00E+00	0.00E+00	0.00E+00	9.37E-06	0.00E+00	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	0.00E+00
886	464009	3773147	5.95E-05	0.00E+00	0.00E+00	0.00E+00	9.11E-06	0.00E+00	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00
887	463009	3773139	8.97E-03	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00
888	462999.9	3773139	9.80E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	6.43E-04	0.00E+00	0.00E+00	0.00E+00
889	462990.8	3773139	1.06E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	6.97E-04	0.00E+00	0.00E+00	0.00E+00
890	462981.7	3773139	1.11E-02	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	0.00E+00
891	462972.6	3773139	1.11E-02	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	0.00E+00
892	462963.5	3773139	1.09E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	0.00E+00
893	462954.4	3773139	1.03E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	6.79E-04	0.00E+00	0.00E+00	0.00E+00
894	462945.3	3773139	9.64E-03	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	0.00E+00
895	462936.2	3773139	8.72E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	0.00E+00
896	462927.1	3773139	7.50E-03	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00
897	462918	3773139	6.08E-03	0.00E+00	0.00E+00	0.00E+00	9.31E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00
898	462999.9	3773129	5.87E-03	0.00E+00	0.00E+00	0.00E+00	8.99E-04	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00
899	462990.8	3773129	6.32E-03	0.00E+00	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	0.00E+00
900	462981.7	3773129	6.68E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00
901	462972.6	3773129	6.87E-03	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00
902	462963.5	3773129	6.91E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00
903	462954.4	3773129	6.80E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00
904	462945.3	3773129	6.55E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00
905	462936.2	3773129	6.13E-03	0.00E+00	0.00E+00	0.00E+00	9.39E-04	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00
906	462927.1	3773129	5.53E-03	0.00E+00	0.00E+00	0.00E+00	8.46E-04	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00
907	462918	3773129	4.78E-03	0.00E+00	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00
908	463033.1	3773134	5.80E-03	0.00E+00	0.00E+00	0.00E+00	8.88E-04	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00
909	462999.8	3773119	3.86E-03	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00
910	462990.7	3773119	4.15E-03	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00
911	462981.6	3773119	4.41E-03	0.00E+00	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00
912	462972.5	3773119	4.62E-03	0.00E+00	0.00E+00	0.00E+00	7.07E-04	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00
913	462963.4	3773119	4.74E-03	0.00E+00	0.00E+00	0.00E+00	7.26E-04	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00
914	462954.3	3773119	4.77E-03	0.00E+00	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00
915	462945.2	3773119	4.70E-03	0.00E+00	0.00E+00	0.00E+00	7.20E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00
916	462936.1	3773119	4.52E-03	0.00E+00	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00

917	462927	3773119	4.21E-03	0.00E+00	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00
918	462917.9	3773119	3.81E-03	0.00E+00	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00
919	463040.2	3773127	4.08E-03	0.00E+00	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00
920	462999.8	3773109	2.72E-03	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00
921	462990.7	3773109	2.91E-03	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00
922	462981.6	3773109	3.12E-03	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00
923	462972.5	3773109	3.30E-03	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00
924	462963.4	3773109	3.44E-03	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00
925	462954.3	3773109	3.52E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00
926	462945.2	3773109	3.53E-03	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00
927	462936.1	3773109	3.46E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00
928	462927	3773109	3.31E-03	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00
929	462917.9	3773109	3.08E-03	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00
930	463047.2	3773120	3.01E-03	0.00E+00	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00
931	463053.1	3773134	4.63E-03	0.00E+00	0.00E+00	0.00E+00	7.08E-04	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00
932	462999.8	3773099	2.02E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00
933	462990.7	3773099	2.16E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00
934	462981.6	3773099	2.32E-03	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00
935	462972.5	3773099	2.47E-03	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00
936	462963.4	3773099	2.60E-03	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00
937	462954.3	3773099	2.69E-03	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00
938	462945.2	3773099	2.74E-03	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00
939	462936.1	3773099	2.73E-03	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00
940	462927	3773099	2.66E-03	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00
941	462917.9	3773099	2.53E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00
942	463044.3	3773103	1.81E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00
943	463054.3	3773113	2.30E-03	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00
944	463060.2	3773127	3.40E-03	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00
945	462999.8	3773089	1.56E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00
946	462990.7	3773089	1.67E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00
947	462981.6	3773089	1.79E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00
948	462972.5	3773089	1.92E-03	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00
949	462963.4	3773089	2.03E-03	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00
950	462954.3	3773089	2.11E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00
951	462945.2	3773089	2.17E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00
952	462936.1	3773089	2.19E-03	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00
953	462927	3773089	2.17E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00
954	462917.9	3773089	2.10E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00
955	463033.6	3773089	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-05	0.00E+00	0.00E+00	0.00E+00
956	463050.1	3773096	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	9.47E-05	0.00E+00	0.00E+00	0.00E+00
957	463061.8	3773107	1.86E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00
958	463068.7	3773124	2.83E-03	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00
959	462999.7	3773079	1.24E-03	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	8.17E-05	0.00E+00	0.00E+00	0.00E+00
960	462990.7	3773079	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	8.73E-05	0.00E+00	0.00E+00	0.00E+00
961	462981.6	3773079	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	9.35E-05	0.00E+00	0.00E+00	0.00E+00
962	462972.5	3773079	1.52E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00

963	462963.4	3773079	1.62E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00
964	462954.3	3773079	1.70E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00
965	462945.2	3773079	1.76E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00
966	462936.1	3773079	1.79E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00
967	462927	3773079	1.79E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00
968	462917.9	3773079	1.76E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00
969	463033.1	3773079	1.04E-03	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	6.83E-05	0.00E+00	0.00E+00	0.00E+00
970	463049.3	3773085	1.13E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-05	0.00E+00	0.00E+00	0.00E+00
971	463068.8	3773100	1.49E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	9.75E-05	0.00E+00	0.00E+00	0.00E+00
972	463075.5	3773116	2.17E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00
973	463082.3	3773132	3.13E-03	0.00E+00	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00
974	462999.7	3773069	1.02E-03	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	6.67E-05	0.00E+00	0.00E+00	0.00E+00
975	462990.6	3773069	1.08E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	7.12E-05	0.00E+00	0.00E+00	0.00E+00
976	462981.5	3773069	1.16E-03	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-05	0.00E+00	0.00E+00	0.00E+00
977	462972.4	3773069	1.24E-03	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	8.13E-05	0.00E+00	0.00E+00	0.00E+00
978	462963.3	3773069	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	8.64E-05	0.00E+00	0.00E+00	0.00E+00
979	462954.2	3773069	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	9.10E-05	0.00E+00	0.00E+00	0.00E+00
980	462945.1	3773069	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	9.46E-05	0.00E+00	0.00E+00	0.00E+00
981	462936	3773069	1.48E-03	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	9.71E-05	0.00E+00	0.00E+00	0.00E+00
982	462926.9	3773069	1.50E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	9.81E-05	0.00E+00	0.00E+00	0.00E+00
983	462917.8	3773069	1.49E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	9.76E-05	0.00E+00	0.00E+00	0.00E+00
984	463048.6	3773075	9.14E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	6.00E-05	0.00E+00	0.00E+00	0.00E+00
985	463064.5	3773082	9.92E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	6.51E-05	0.00E+00	0.00E+00	0.00E+00
986	463075.8	3773093	1.21E-03	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-05	0.00E+00	0.00E+00	0.00E+00
987	463082.4	3773109	1.71E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00
988	463089.1	3773125	2.41E-03	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00
989	463048.1	3773065	7.54E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	0.00E+00
990	463063.8	3773071	8.10E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	5.32E-05	0.00E+00	0.00E+00	0.00E+00
991	463082.8	3773086	1.01E-03	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	0.00E+00
992	463089.4	3773101	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	9.06E-05	0.00E+00	0.00E+00	0.00E+00
993	463095.9	3773117	1.90E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00
994	463102.5	3773133	2.56E-03	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00
995	463047.3	3773045	5.38E-04	0.00E+00	0.00E+00	0.00E+00	8.24E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	0.00E+00
996	463062.8	3773051	5.69E-04	0.00E+00	0.00E+00	0.00E+00	8.71E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00
997	463078.2	3773057	6.05E-04	0.00E+00	0.00E+00	0.00E+00	9.26E-05	0.00E+00	0.00E+00	0.00E+00	3.97E-05	0.00E+00	0.00E+00	0.00E+00
998	463096.9	3773071	7.29E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.78E-05	0.00E+00	0.00E+00	0.00E+00
999	463103.3	3773087	9.49E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00
1000	463109.7	3773102	1.25E-03	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	8.21E-05	0.00E+00	0.00E+00	0.00E+00
1001	463116.2	3773118	1.64E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00
1002	463122.6	3773133	2.11E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00
1003	463050	3773026	4.07E-04	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00
1004	463066.5	3773032	4.28E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00
1005	463083	3773039	4.52E-04	0.00E+00	0.00E+00	0.00E+00	6.92E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00
1006	463099.5	3773046	4.79E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00
1007	463111.2	3773058	5.54E-04	0.00E+00	0.00E+00	0.00E+00	8.47E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00
1008	463118.1	3773074	7.09E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00

1009	463125	3773091	9.22E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-05	0.00E+00	0.00E+00	0.00E+00
1010	463131.8	3773107	1.20E-03	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	7.88E-05	0.00E+00	0.00E+00	0.00E+00
1011	463138.7	3773124	1.54E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00
1012	463049.1	3773005	3.16E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00
1013	463065.3	3773012	3.28E-04	0.00E+00	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00
1014	463081.5	3773019	3.44E-04	0.00E+00	0.00E+00	0.00E+00	5.26E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00
1015	463097.6	3773025	3.61E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00
1016	463113.8	3773032	3.79E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00
1017	463125.3	3773043	4.30E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00
1018	463132	3773060	5.32E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	0.00E+00
1019	463138.7	3773076	6.69E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	0.00E+00
1020	463145.4	3773092	8.47E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	5.56E-05	0.00E+00	0.00E+00	0.00E+00
1021	463152.2	3773108	1.07E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	7.00E-05	0.00E+00	0.00E+00	0.00E+00
1022	463158.9	3773124	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	8.69E-05	0.00E+00	0.00E+00	0.00E+00
1023	463048.4	3772985	2.52E-04	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00
1024	463064.4	3772992	2.59E-04	0.00E+00	0.00E+00	0.00E+00	3.97E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00
1025	463080.3	3772998	2.70E-04	0.00E+00	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00
1026	463096.2	3773005	2.81E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00
1027	463112.1	3773011	2.94E-04	0.00E+00	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00
1028	463128.1	3773018	3.06E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00
1029	463139.3	3773029	3.42E-04	0.00E+00	0.00E+00	0.00E+00	5.24E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00
1030	463145.9	3773045	4.13E-04	0.00E+00	0.00E+00	0.00E+00	6.33E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00
1031	463152.6	3773061	5.06E-04	0.00E+00	0.00E+00	0.00E+00	7.74E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	0.00E+00
1032	463159.2	3773077	6.23E-04	0.00E+00	0.00E+00	0.00E+00	9.54E-05	0.00E+00	0.00E+00	0.00E+00	4.09E-05	0.00E+00	0.00E+00	0.00E+00
1033	463165.8	3773093	7.70E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-05	0.00E+00	0.00E+00	0.00E+00
1034	463172.4	3773109	9.46E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	0.00E+00
1035	463179.1	3773124	1.14E-03	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05	0.00E+00	0.00E+00	0.00E+00
1036	463050.2	3772966	2.06E-04	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
1037	463058.5	3772969	2.08E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00
1038	463066.9	3772973	2.12E-04	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
1039	463083.5	3772980	2.19E-04	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00
1040	463091.8	3772983	2.23E-04	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00
1041	463108.5	3772990	2.33E-04	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00
1042	463116.8	3772993	2.37E-04	0.00E+00	0.00E+00	0.00E+00	3.64E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00
1043	463125.1	3772997	2.42E-04	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00
1044	463141.8	3773004	2.52E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00
1045	463153.6	3773015	2.80E-04	0.00E+00	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00
1046	463160.5	3773032	3.35E-04	0.00E+00	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00
1047	463167.4	3773049	4.05E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00
1048	463174.4	3773065	4.95E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00
1049	463177.8	3773073	5.48E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-05	0.00E+00	0.00E+00	0.00E+00
1050	463184.8	3773090	6.71E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	4.40E-05	0.00E+00	0.00E+00	0.00E+00
1051	463191.7	3773107	8.17E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	0.00E+00
1052	463198.6	3773123	9.79E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	6.42E-05	0.00E+00	0.00E+00	0.00E+00
1053	463049.5	3772946	1.71E-04	0.00E+00	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
1054	463065.9	3772952	1.75E-04	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00

1055	463082.3	3772959	1.80E-04	0.00E+00	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
1056	463098.7	3772966	1.86E-04	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
1057	463115.1	3772973	1.93E-04	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
1058	463131.5	3772979	2.00E-04	0.00E+00	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00
1059	463147.8	3772986	2.08E-04	0.00E+00	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
1060	463167.6	3773001	2.32E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00
1061	463174.5	3773017	2.72E-04	0.00E+00	0.00E+00	0.00E+00	4.16E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00
1062	463181.3	3773034	3.22E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00
1063	463188.1	3773050	3.85E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00
1064	463194.9	3773066	4.64E-04	0.00E+00	0.00E+00	0.00E+00	7.10E-05	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00
1065	463201.7	3773083	5.58E-04	0.00E+00	0.00E+00	0.00E+00	8.54E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	0.00E+00
1066	463208.5	3773099	6.69E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	0.00E+00
1067	463215.4	3773115	7.92E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	0.00E+00
1068	463222.2	3773132	9.23E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-05	0.00E+00	0.00E+00	0.00E+00
1069	463048.9	3772925	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	9.47E-06	0.00E+00	0.00E+00	0.00E+00
1070	463065.1	3772932	1.47E-04	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	9.63E-06	0.00E+00	0.00E+00	0.00E+00
1071	463081.3	3772939	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	9.86E-06	0.00E+00	0.00E+00	0.00E+00
1072	463097.5	3772945	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
1073	463113.6	3772952	1.60E-04	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00
1074	463129.8	3772959	1.65E-04	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
1075	463146	3772965	1.71E-04	0.00E+00	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
1076	463162.2	3772972	1.76E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
1077	463181.7	3772987	1.95E-04	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
1078	463188.4	3773003	2.25E-04	0.00E+00	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00
1079	463195.2	3773019	2.62E-04	0.00E+00	0.00E+00	0.00E+00	4.02E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00
1080	463201.9	3773035	3.08E-04	0.00E+00	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00
1081	463208.6	3773051	3.64E-04	0.00E+00	0.00E+00	0.00E+00	5.58E-05	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00
1082	463215.4	3773067	4.32E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-05	0.00E+00	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	0.00E+00
1083	463222.1	3773084	5.12E-04	0.00E+00	0.00E+00	0.00E+00	7.83E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00
1084	463228.8	3773100	6.03E-04	0.00E+00	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	0.00E+00
1085	463235.5	3773116	7.03E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	4.62E-05	0.00E+00	0.00E+00	0.00E+00
1086	463242.3	3773132	8.08E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00
1087	463075.4	3772916	1.27E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	0.00E+00
1088	463083.7	3772920	1.28E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	8.40E-06	0.00E+00	0.00E+00	0.00E+00
1089	463100.5	3772927	1.32E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	8.64E-06	0.00E+00	0.00E+00	0.00E+00
1090	463108.8	3772930	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.77E-06	0.00E+00	0.00E+00	0.00E+00
1091	463117.2	3772933	1.36E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	8.91E-06	0.00E+00	0.00E+00	0.00E+00
1092	463133.9	3772940	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	9.20E-06	0.00E+00	0.00E+00	0.00E+00
1093	463142.3	3772944	1.42E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	9.35E-06	0.00E+00	0.00E+00	0.00E+00
1094	463150.6	3772947	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	9.49E-06	0.00E+00	0.00E+00	0.00E+00
1095	463159	3772951	1.47E-04	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	9.64E-06	0.00E+00	0.00E+00	0.00E+00
1096	463175.7	3772958	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	9.94E-06	0.00E+00	0.00E+00	0.00E+00
1097	463184.1	3772961	1.54E-04	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00
1098	463195.9	3772973	1.66E-04	0.00E+00	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
1099	463199.4	3772981	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
1100	463206.4	3772998	2.05E-04	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00

1101	463209.9	3773006	2.21E-04	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00
1102	463216.8	3773023	2.58E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
1103	463223.8	3773040	3.03E-04	0.00E+00	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00
1104	463227.3	3773048	3.28E-04	0.00E+00	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00
1105	463234.2	3773065	3.87E-04	0.00E+00	0.00E+00	0.00E+00	5.93E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00
1106	463241.2	3773081	4.56E-04	0.00E+00	0.00E+00	0.00E+00	6.98E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00
1107	463244.6	3773090	4.94E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00
1108	463251.6	3773106	5.76E-04	0.00E+00	0.00E+00	0.00E+00	8.82E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-05	0.00E+00	0.00E+00	0.00E+00
1109	463258.6	3773123	6.63E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	0.00E+00
1110	463262	3773131	7.08E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	4.64E-05	0.00E+00	0.00E+00	0.00E+00
1111	463115.8	3772913	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	7.59E-06	0.00E+00	0.00E+00	0.00E+00
1112	463132.3	3772920	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	7.82E-06	0.00E+00	0.00E+00	0.00E+00
1113	463148.8	3772926	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	8.05E-06	0.00E+00	0.00E+00	0.00E+00
1114	463165.3	3772933	1.26E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	8.28E-06	0.00E+00	0.00E+00	0.00E+00
1115	463181.8	3772940	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	0.00E+00
1116	463198.3	3772947	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	0.00E+00
1117	463210	3772959	1.43E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	9.40E-06	0.00E+00	0.00E+00	0.00E+00
1118	463216.9	3772975	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
1119	463223.7	3772991	1.86E-04	0.00E+00	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
1120	463230.6	3773008	2.14E-04	0.00E+00	0.00E+00	0.00E+00	3.27E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00
1121	463237.5	3773024	2.47E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00
1122	463244.4	3773041	2.87E-04	0.00E+00	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00
1123	463251.2	3773057	3.34E-04	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00
1124	463258.1	3773074	3.89E-04	0.00E+00	0.00E+00	0.00E+00	5.96E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00
1125	463265	3773090	4.51E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00
1126	463271.8	3773107	5.20E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	0.00E+00
1127	463278.7	3773123	5.91E-04	0.00E+00	0.00E+00	0.00E+00	9.05E-05	0.00E+00	0.00E+00	0.00E+00	3.88E-05	0.00E+00	0.00E+00	0.00E+00
1128	463179.9	3772919	1.11E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	7.28E-06	0.00E+00	0.00E+00	0.00E+00
1129	463196.2	3772926	1.14E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	7.47E-06	0.00E+00	0.00E+00	0.00E+00
1130	463212.5	3772933	1.17E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	7.65E-06	0.00E+00	0.00E+00	0.00E+00
1131	463224.1	3772944	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	8.18E-06	0.00E+00	0.00E+00	0.00E+00
1132	463230.9	3772961	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	9.18E-06	0.00E+00	0.00E+00	0.00E+00
1133	463237.7	3772977	1.58E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
1134	463244.5	3772993	1.80E-04	0.00E+00	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
1135	463251.3	3773009	2.05E-04	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
1136	463258.1	3773026	2.35E-04	0.00E+00	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00
1137	463264.8	3773042	2.71E-04	0.00E+00	0.00E+00	0.00E+00	4.15E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00
1138	463271.6	3773058	3.13E-04	0.00E+00	0.00E+00	0.00E+00	4.79E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00
1139	463278.4	3773075	3.60E-04	0.00E+00	0.00E+00	0.00E+00	5.51E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00
1140	463285.2	3773091	4.13E-04	0.00E+00	0.00E+00	0.00E+00	6.32E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00
1141	463292	3773107	4.70E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	0.00E+00
1142	463298.8	3773124	5.30E-04	0.00E+00	0.00E+00	0.00E+00	8.11E-05	0.00E+00	0.00E+00	0.00E+00	3.48E-05	0.00E+00	0.00E+00	0.00E+00
1143	463041.7	3772832	7.75E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	0.00E+00
1144	463058.4	3772839	7.76E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	0.00E+00
1145	463066.7	3772843	7.79E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	0.00E+00
1146	463075	3772846	7.83E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-06	0.00E+00	0.00E+00	0.00E+00

1147	463091.7	3772853	7.95E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	0.00E+00
1148	463100.1	3772856	8.02E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	0.00E+00
1149	463245.3	3772923	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	6.75E-06	0.00E+00	0.00E+00	0.00E+00
1150	463252.3	3772940	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	0.00E+00
1151	463255.7	3772948	1.21E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	7.95E-06	0.00E+00	0.00E+00	0.00E+00
1152	463262.7	3772965	1.36E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	8.91E-06	0.00E+00	0.00E+00	0.00E+00
1153	463269.6	3772981	1.53E-04	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00
1154	463276.6	3772998	1.74E-04	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
1155	463280	3773006	1.85E-04	0.00E+00	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00
1156	463287	3773023	2.11E-04	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
1157	463290.4	3773031	2.25E-04	0.00E+00	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00
1158	463297.4	3773048	2.58E-04	0.00E+00	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
1159	463300.8	3773056	2.76E-04	0.00E+00	0.00E+00	0.00E+00	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00
1160	463307.8	3773073	3.14E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00
1161	463314.7	3773090	3.57E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00
1162	463321.6	3773106	4.03E-04	0.00E+00	0.00E+00	0.00E+00	6.16E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00
1163	463325.1	3773115	4.26E-04	0.00E+00	0.00E+00	0.00E+00	6.53E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00
1164	463332.1	3773131	4.74E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00
1165	463049.3	3772806	6.53E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	0.00E+00
1166	463065.8	3772812	6.55E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	0.00E+00
1167	463082.2	3772819	6.61E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	0.00E+00
1168	463098.7	3772826	6.70E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00
1169	463115.1	3772833	6.82E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	0.00E+00
1170	463131.5	3772839	6.96E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	0.00E+00
1171	463148	3772846	7.12E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	0.00E+00
1172	463164.4	3772853	7.28E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00
1173	463180.8	3772860	7.44E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	0.00E+00
1174	463280.1	3772935	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	0.00E+00
1175	463287	3772951	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	7.64E-06	0.00E+00	0.00E+00	0.00E+00
1176	463293.8	3772967	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	8.52E-06	0.00E+00	0.00E+00	0.00E+00
1177	463300.6	3772984	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	9.54E-06	0.00E+00	0.00E+00	0.00E+00
1178	463307.5	3773000	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
1179	463314.3	3773017	1.84E-04	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00
1180	463321.1	3773033	2.08E-04	0.00E+00	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
1181	463328	3773049	2.35E-04	0.00E+00	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00
1182	463334.8	3773066	2.65E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00
1183	463341.6	3773082	2.98E-04	0.00E+00	0.00E+00	0.00E+00	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00
1184	463348.5	3773099	3.33E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00
1185	463355.3	3773115	3.70E-04	0.00E+00	0.00E+00	0.00E+00	5.66E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00
1186	463362.2	3773132	4.07E-04	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00
1187	463041.6	3772772	5.59E-05	0.00E+00	0.00E+00	0.00E+00	8.56E-06	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00
1188	463058.4	3772779	5.58E-05	0.00E+00	0.00E+00	0.00E+00	8.55E-06	0.00E+00	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00
1189	463066.7	3772783	5.59E-05	0.00E+00	0.00E+00	0.00E+00	8.56E-06	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00
1190	463075.1	3772786	5.61E-05	0.00E+00	0.00E+00	0.00E+00	8.59E-06	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00
1191	463083.5	3772790	5.63E-05	0.00E+00	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	0.00E+00
1192	463100.2	3772797	5.70E-05	0.00E+00	0.00E+00	0.00E+00	8.73E-06	0.00E+00	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00

1193	463108.6	3772800	5.75E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-06	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	0.00E+00
1194	463116.9	3772803	5.79E-05	0.00E+00	0.00E+00	0.00E+00	8.87E-06	0.00E+00	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	0.00E+00
1195	463133.6	3772810	5.90E-05	0.00E+00	0.00E+00	0.00E+00	9.03E-06	0.00E+00	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	0.00E+00
1196	463142	3772814	5.96E-05	0.00E+00	0.00E+00	0.00E+00	9.12E-06	0.00E+00	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00
1197	463150.4	3772817	6.02E-05	0.00E+00	0.00E+00	0.00E+00	9.21E-06	0.00E+00	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	0.00E+00
1198	463158.7	3772821	6.08E-05	0.00E+00	0.00E+00	0.00E+00	9.31E-06	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00
1199	463175.5	3772828	6.21E-05	0.00E+00	0.00E+00	0.00E+00	9.51E-06	0.00E+00	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00
1200	463183.8	3772831	6.27E-05	0.00E+00	0.00E+00	0.00E+00	9.61E-06	0.00E+00	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	0.00E+00
1201	463192.2	3772834	6.34E-05	0.00E+00	0.00E+00	0.00E+00	9.71E-06	0.00E+00	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	0.00E+00
1202	463208.9	3772841	6.47E-05	0.00E+00	0.00E+00	0.00E+00	9.90E-06	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00
1203	463217.3	3772845	6.53E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	0.00E+00
1204	463225.7	3772848	6.60E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00
1205	463234	3772852	6.66E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	0.00E+00
1206	463250.7	3772859	6.78E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00
1207	463259.1	3772862	6.84E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.49E-06	0.00E+00	0.00E+00	0.00E+00
1208	463305.1	3772922	9.24E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	0.00E+00
1209	463312	3772939	1.02E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	0.00E+00
1210	463315.5	3772947	1.07E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	0.00E+00
1211	463322.5	3772964	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	7.82E-06	0.00E+00	0.00E+00	0.00E+00
1212	463329.4	3772981	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	0.00E+00
1213	463332.9	3772989	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	9.22E-06	0.00E+00	0.00E+00	0.00E+00
1214	463339.9	3773006	1.57E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
1215	463346.8	3773023	1.76E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
1216	463350.3	3773031	1.87E-04	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00
1217	463357.3	3773048	2.10E-04	0.00E+00	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
1218	463364.2	3773064	2.35E-04	0.00E+00	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00
1219	463367.7	3773073	2.48E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00
1220	463374.6	3773089	2.77E-04	0.00E+00	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00
1221	463381.6	3773106	3.06E-04	0.00E+00	0.00E+00	0.00E+00	4.69E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00
1222	463385.1	3773114	3.22E-04	0.00E+00	0.00E+00	0.00E+00	4.92E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00
1223	463392	3773131	3.52E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00
1224	463032.9	3772739	4.86E-05	0.00E+00	0.00E+00	0.00E+00	7.44E-06	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00
1225	463049.4	3772746	4.83E-05	0.00E+00	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	0.00E+00
1226	463065.9	3772752	4.83E-05	0.00E+00	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	0.00E+00
1227	463082.4	3772759	4.86E-05	0.00E+00	0.00E+00	0.00E+00	7.44E-06	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00
1228	463098.9	3772766	4.91E-05	0.00E+00	0.00E+00	0.00E+00	7.51E-06	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00
1229	463115.5	3772773	4.97E-05	0.00E+00	0.00E+00	0.00E+00	7.61E-06	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00
1230	463132	3772780	5.05E-05	0.00E+00	0.00E+00	0.00E+00	7.73E-06	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00
1231	463148.5	3772786	5.14E-05	0.00E+00	0.00E+00	0.00E+00	7.87E-06	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00
1232	463165	3772793	5.24E-05	0.00E+00	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00
1233	463181.5	3772800	5.33E-05	0.00E+00	0.00E+00	0.00E+00	8.17E-06	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00
1234	463198	3772807	5.44E-05	0.00E+00	0.00E+00	0.00E+00	8.32E-06	0.00E+00	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	0.00E+00
1235	463214.5	3772814	5.54E-05	0.00E+00	0.00E+00	0.00E+00	8.48E-06	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00
1236	463231.1	3772820	5.64E-05	0.00E+00	0.00E+00	0.00E+00	8.63E-06	0.00E+00	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	0.00E+00
1237	463247.6	3772827	5.74E-05	0.00E+00	0.00E+00	0.00E+00	8.78E-06	0.00E+00	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	0.00E+00
1238	463264.1	3772834	5.83E-05	0.00E+00	0.00E+00	0.00E+00	8.93E-06	0.00E+00	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	0.00E+00

1239	463280.6	3772841	5.92E-05	0.00E+00	0.00E+00	0.00E+00	9.07E-06	0.00E+00	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	0.00E+00
1240	463297.1	3772848	6.01E-05	0.00E+00	0.00E+00	0.00E+00	9.21E-06	0.00E+00	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	0.00E+00
1241	463308.8	3772859	6.31E-05	0.00E+00	0.00E+00	0.00E+00	9.65E-06	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00
1242	463336.3	3772925	8.91E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	0.00E+00
1243	463343.1	3772942	9.79E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	0.00E+00
1244	463350	3772958	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	7.08E-06	0.00E+00	0.00E+00	0.00E+00
1245	463356.9	3772975	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	7.83E-06	0.00E+00	0.00E+00	0.00E+00
1246	463363.7	3772991	1.32E-04	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	8.68E-06	0.00E+00	0.00E+00	0.00E+00
1247	463370.6	3773008	1.47E-04	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	9.64E-06	0.00E+00	0.00E+00	0.00E+00
1248	463377.5	3773024	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
1249	463384.4	3773041	1.82E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00
1250	463391.2	3773057	2.02E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00
1251	463398.1	3773074	2.24E-04	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00
1252	463405	3773090	2.47E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00
1253	463033.2	3772709	4.25E-05	0.00E+00	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00
1254	463041.6	3772712	4.23E-05	0.00E+00	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00
1255	463050	3772716	4.22E-05	0.00E+00	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
1256	463066.7	3772723	4.22E-05	0.00E+00	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
1257	463075.1	3772726	4.23E-05	0.00E+00	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
1258	463083.5	3772730	4.24E-05	0.00E+00	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00
1259	463091.9	3772733	4.26E-05	0.00E+00	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00
1260	463108.6	3772740	4.30E-05	0.00E+00	0.00E+00	0.00E+00	6.58E-06	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	0.00E+00
1261	463117	3772744	4.33E-05	0.00E+00	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00
1262	463125.4	3772747	4.36E-05	0.00E+00	0.00E+00	0.00E+00	6.67E-06	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00
1263	463133.8	3772750	4.39E-05	0.00E+00	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00
1264	463150.5	3772757	4.46E-05	0.00E+00	0.00E+00	0.00E+00	6.83E-06	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00
1265	463158.9	3772761	4.50E-05	0.00E+00	0.00E+00	0.00E+00	6.89E-06	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00
1266	463167.3	3772764	4.54E-05	0.00E+00	0.00E+00	0.00E+00	6.95E-06	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00
1267	463175.7	3772768	4.58E-05	0.00E+00	0.00E+00	0.00E+00	7.01E-06	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00
1268	463184.1	3772771	4.62E-05	0.00E+00	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00
1269	463200.8	3772778	4.70E-05	0.00E+00	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00
1270	463209.2	3772781	4.74E-05	0.00E+00	0.00E+00	0.00E+00	7.26E-06	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	0.00E+00
1271	463217.6	3772785	4.78E-05	0.00E+00	0.00E+00	0.00E+00	7.32E-06	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00
1272	463226	3772788	4.83E-05	0.00E+00	0.00E+00	0.00E+00	7.39E-06	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	0.00E+00
1273	463242.7	3772795	4.91E-05	0.00E+00	0.00E+00	0.00E+00	7.51E-06	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00
1274	463251.1	3772799	4.95E-05	0.00E+00	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00
1275	463259.5	3772802	4.99E-05	0.00E+00	0.00E+00	0.00E+00	7.63E-06	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00
1276	463267.9	3772806	5.03E-05	0.00E+00	0.00E+00	0.00E+00	7.69E-06	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00
1277	463284.6	3772813	5.10E-05	0.00E+00	0.00E+00	0.00E+00	7.81E-06	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	0.00E+00
1278	463293	3772816	5.14E-05	0.00E+00	0.00E+00	0.00E+00	7.87E-06	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00
1279	463301.4	3772819	5.18E-05	0.00E+00	0.00E+00	0.00E+00	7.93E-06	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	0.00E+00
1280	463309.8	3772823	5.22E-05	0.00E+00	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	0.00E+00
1281	463330	3772838	5.49E-05	0.00E+00	0.00E+00	0.00E+00	8.40E-06	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	0.00E+00
1282	463337	3772855	5.93E-05	0.00E+00	0.00E+00	0.00E+00	9.07E-06	0.00E+00	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	0.00E+00
1283	463368.4	3772930	8.67E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00
1284	463375.3	3772947	9.51E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	6.24E-06	0.00E+00	0.00E+00	0.00E+00

1285	463382.3	3772964	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	6.87E-06	0.00E+00	0.00E+00	0.00E+00
1286	463389.3	3772980	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	0.00E+00
1287	463396.3	3772997	1.28E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	8.37E-06	0.00E+00	0.00E+00	0.00E+00
1288	463403.2	3773014	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	9.25E-06	0.00E+00	0.00E+00	0.00E+00
1289	463448.5	3773123	2.60E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00
1290	463032.8	3772679	3.75E-05	0.00E+00	0.00E+00	0.00E+00	5.74E-06	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00
1291	463049.4	3772686	3.73E-05	0.00E+00	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00
1292	463066	3772693	3.72E-05	0.00E+00	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00
1293	463082.6	3772699	3.73E-05	0.00E+00	0.00E+00	0.00E+00	5.72E-06	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00
1294	463099.1	3772706	3.76E-05	0.00E+00	0.00E+00	0.00E+00	5.76E-06	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	0.00E+00
1295	463115.7	3772713	3.80E-05	0.00E+00	0.00E+00	0.00E+00	5.82E-06	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00
1296	463124	3772716	3.82E-05	0.00E+00	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00
1297	463140.6	3772723	3.87E-05	0.00E+00	0.00E+00	0.00E+00	5.93E-06	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00
1298	463157.1	3772730	3.93E-05	0.00E+00	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00
1299	463173.7	3772737	4.00E-05	0.00E+00	0.00E+00	0.00E+00	6.12E-06	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00
1300	463190.3	3772744	4.06E-05	0.00E+00	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00
1301	463206.9	3772751	4.13E-05	0.00E+00	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00
1302	463223.4	3772757	4.19E-05	0.00E+00	0.00E+00	0.00E+00	6.42E-06	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00
1303	463231.7	3772761	4.22E-05	0.00E+00	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
1304	463248.3	3772768	4.29E-05	0.00E+00	0.00E+00	0.00E+00	6.57E-06	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	0.00E+00
1305	463264.9	3772774	4.35E-05	0.00E+00	0.00E+00	0.00E+00	6.66E-06	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00
1306	463281.4	3772781	4.42E-05	0.00E+00	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00
1307	463289.7	3772785	4.45E-05	0.00E+00	0.00E+00	0.00E+00	6.81E-06	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	0.00E+00
1308	463306.3	3772791	4.51E-05	0.00E+00	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00
1309	463322.9	3772798	4.57E-05	0.00E+00	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00
1310	463339.4	3772805	4.63E-05	0.00E+00	0.00E+00	0.00E+00	7.09E-06	0.00E+00	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	0.00E+00
1311	463351.2	3772817	4.82E-05	0.00E+00	0.00E+00	0.00E+00	7.38E-06	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	0.00E+00
1312	463358	3772833	5.17E-05	0.00E+00	0.00E+00	0.00E+00	7.92E-06	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00
1313	463361.5	3772842	5.36E-05	0.00E+00	0.00E+00	0.00E+00	8.21E-06	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00
1314	463368.4	3772858	5.78E-05	0.00E+00	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00
1315	463402.8	3772941	8.68E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	0.00E+00
1316	463447.6	3773048	1.58E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
1317	463454.5	3773065	1.73E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
1318	463461.4	3773082	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
1319	463468.3	3773098	2.06E-04	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
1320	463475.2	3773115	2.23E-04	0.00E+00	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00
1321	463482.1	3773131	2.40E-04	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00
1322	463033.1	3772649	3.33E-05	0.00E+00	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
1323	463041.5	3772652	3.32E-05	0.00E+00	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
1324	463049.9	3772656	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
1325	463058.3	3772659	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
1326	463066.7	3772663	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
1327	463075.1	3772666	3.31E-05	0.00E+00	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
1328	463083.5	3772670	3.32E-05	0.00E+00	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
1329	463091.9	3772673	3.33E-05	0.00E+00	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
1330	463100.3	3772677	3.34E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00

1331	463108.7	3772680	3.35E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-06	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00
1332	463117.1	3772684	3.37E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
1333	463125.4	3772687	3.39E-05	0.00E+00	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	0.00E+00
1334	463133.8	3772691	3.41E-05	0.00E+00	0.00E+00	0.00E+00	5.22E-06	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00
1335	463142.2	3772694	3.43E-05	0.00E+00	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00
1336	463150.6	3772697	3.46E-05	0.00E+00	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00
1337	463159	3772701	3.48E-05	0.00E+00	0.00E+00	0.00E+00	5.33E-06	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00
1338	463167.4	3772704	3.51E-05	0.00E+00	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00
1339	463175.8	3772708	3.53E-05	0.00E+00	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00
1340	463184.2	3772711	3.56E-05	0.00E+00	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00
1341	463192.6	3772715	3.59E-05	0.00E+00	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00
1342	463201	3772718	3.61E-05	0.00E+00	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00
1343	463217.8	3772725	3.67E-05	0.00E+00	0.00E+00	0.00E+00	5.62E-06	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00
1344	463226.2	3772729	3.70E-05	0.00E+00	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00
1345	463234.6	3772732	3.72E-05	0.00E+00	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00
1346	463243	3772735	3.75E-05	0.00E+00	0.00E+00	0.00E+00	5.74E-06	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00
1347	463251.4	3772739	3.78E-05	0.00E+00	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00
1348	463259.8	3772742	3.81E-05	0.00E+00	0.00E+00	0.00E+00	5.83E-06	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00
1349	463268.1	3772746	3.83E-05	0.00E+00	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00
1350	463276.5	3772749	3.86E-05	0.00E+00	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00
1351	463284.9	3772753	3.89E-05	0.00E+00	0.00E+00	0.00E+00	5.95E-06	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00
1352	463293.3	3772756	3.91E-05	0.00E+00	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
1353	463301.7	3772760	3.94E-05	0.00E+00	0.00E+00	0.00E+00	6.03E-06	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00
1354	463310.1	3772763	3.96E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00
1355	463318.5	3772767	3.99E-05	0.00E+00	0.00E+00	0.00E+00	6.11E-06	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00
1356	463326.9	3772770	4.01E-05	0.00E+00	0.00E+00	0.00E+00	6.14E-06	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00
1357	463335.3	3772773	4.04E-05	0.00E+00	0.00E+00	0.00E+00	6.18E-06	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00
1358	463343.7	3772777	4.06E-05	0.00E+00	0.00E+00	0.00E+00	6.22E-06	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00
1359	463352.1	3772780	4.09E-05	0.00E+00	0.00E+00	0.00E+00	6.26E-06	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00
1360	463360.5	3772784	4.11E-05	0.00E+00	0.00E+00	0.00E+00	6.30E-06	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00
1361	463372.4	3772796	4.27E-05	0.00E+00	0.00E+00	0.00E+00	6.54E-06	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00
1362	463379.4	3772812	4.57E-05	0.00E+00	0.00E+00	0.00E+00	6.99E-06	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00
1363	463386.3	3772829	4.89E-05	0.00E+00	0.00E+00	0.00E+00	7.49E-06	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	0.00E+00
1364	463393.3	3772846	5.25E-05	0.00E+00	0.00E+00	0.00E+00	8.04E-06	0.00E+00	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	0.00E+00
1365	463400.3	3772863	5.65E-05	0.00E+00	0.00E+00	0.00E+00	8.65E-06	0.00E+00	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	0.00E+00
1366	463452.7	3772988	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	0.00E+00
1367	463459.6	3773005	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	7.54E-06	0.00E+00	0.00E+00	0.00E+00
1368	463466.6	3773022	1.26E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	8.26E-06	0.00E+00	0.00E+00	0.00E+00
1369	463473.6	3773039	1.38E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	9.02E-06	0.00E+00	0.00E+00	0.00E+00
1370	463480.6	3773055	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	0.00E+00
1371	463487.6	3773072	1.64E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
1372	463494.6	3773089	1.78E-04	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
1373	463501.5	3773106	1.92E-04	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
1374	463508.5	3773122	2.07E-04	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
1375	463032.8	3772619	2.99E-05	0.00E+00	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00
1376	463049.4	3772626	2.97E-05	0.00E+00	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00

1377	463057.7	3772629	2.97E-05	0.00E+00	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
1378	463074.3	3772636	2.97E-05	0.00E+00	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
1379	463091	3772643	2.98E-05	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
1380	463099.3	3772646	2.99E-05	0.00E+00	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00
1381	463107.6	3772650	3.00E-05	0.00E+00	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
1382	463115.9	3772653	3.01E-05	0.00E+00	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00
1383	463132.5	3772660	3.04E-05	0.00E+00	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
1384	463149.1	3772667	3.08E-05	0.00E+00	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00
1385	463157.4	3772670	3.10E-05	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
1386	463165.7	3772674	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
1387	463182.3	3772681	3.16E-05	0.00E+00	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00
1388	463190.6	3772684	3.19E-05	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
1389	463207.3	3772691	3.23E-05	0.00E+00	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00
1390	463215.6	3772694	3.25E-05	0.00E+00	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
1391	463232.2	3772701	3.30E-05	0.00E+00	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
1392	463240.5	3772704	3.32E-05	0.00E+00	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
1393	463257.1	3772711	3.37E-05	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
1394	463273.7	3772718	3.41E-05	0.00E+00	0.00E+00	0.00E+00	5.22E-06	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00
1395	463290.3	3772725	3.45E-05	0.00E+00	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00
1396	463298.7	3772728	3.48E-05	0.00E+00	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00
1397	463315.3	3772735	3.52E-05	0.00E+00	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00
1398	463331.9	3772742	3.56E-05	0.00E+00	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00
1399	463340.2	3772746	3.58E-05	0.00E+00	0.00E+00	0.00E+00	5.48E-06	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00
1400	463348.5	3772749	3.60E-05	0.00E+00	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00
1401	463365.1	3772756	3.64E-05	0.00E+00	0.00E+00	0.00E+00	5.58E-06	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	0.00E+00
1402	463373.4	3772759	3.66E-05	0.00E+00	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00
1403	463393.5	3772774	3.81E-05	0.00E+00	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00
1404	463400.4	3772791	4.06E-05	0.00E+00	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00
1405	463459.2	3772932	7.42E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	0.00E+00
1406	463466.1	3772949	8.04E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	0.00E+00
1407	463473	3772965	8.73E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	0.00E+00
1408	463476.4	3772973	9.10E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.97E-06	0.00E+00	0.00E+00	0.00E+00
1409	463483.3	3772990	9.89E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	0.00E+00
1410	463490.3	3773007	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	0.00E+00
1411	463497.2	3773023	1.17E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	7.68E-06	0.00E+00	0.00E+00	0.00E+00
1412	463504.1	3773040	1.27E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	8.34E-06	0.00E+00	0.00E+00	0.00E+00
1413	463511	3773056	1.38E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	9.05E-06	0.00E+00	0.00E+00	0.00E+00
1414	463517.9	3773073	1.49E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	9.80E-06	0.00E+00	0.00E+00	0.00E+00
1415	463524.8	3773090	1.61E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
1416	463531.7	3773106	1.73E-04	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
1417	463535.2	3773114	1.80E-04	0.00E+00	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
1418	463542.1	3773131	1.92E-04	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
1419	463033	3772589	2.70E-05	0.00E+00	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
1420	463041.4	3772592	2.69E-05	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
1421	463049.8	3772596	2.68E-05	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
1422	463058.2	3772599	2.67E-05	0.00E+00	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00

1423	463066.6	3772603	2.67E-05	0.00E+00	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00
1424	463075	3772606	2.67E-05	0.00E+00	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
1425	463083.4	3772610	2.68E-05	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
1426	463091.8	3772613	2.68E-05	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
1427	463100.3	3772617	2.69E-05	0.00E+00	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
1428	463108.7	3772620	2.70E-05	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
1429	463117.1	3772624	2.71E-05	0.00E+00	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
1430	463125.5	3772627	2.73E-05	0.00E+00	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00
1431	463133.9	3772631	2.74E-05	0.00E+00	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
1432	463142.3	3772634	2.76E-05	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00
1433	463150.7	3772637	2.77E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
1434	463159.1	3772641	2.79E-05	0.00E+00	0.00E+00	0.00E+00	4.27E-06	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00
1435	463167.5	3772644	2.81E-05	0.00E+00	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00
1436	463175.9	3772648	2.83E-05	0.00E+00	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
1437	463184.3	3772651	2.85E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
1438	463192.7	3772655	2.86E-05	0.00E+00	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00
1439	463201.1	3772658	2.88E-05	0.00E+00	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
1440	463209.5	3772662	2.90E-05	0.00E+00	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00
1441	463217.9	3772665	2.92E-05	0.00E+00	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00
1442	463226.3	3772669	2.94E-05	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
1443	463234.7	3772672	2.96E-05	0.00E+00	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
1444	463243.1	3772676	2.98E-05	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
1445	463251.5	3772679	3.00E-05	0.00E+00	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
1446	463259.9	3772682	3.02E-05	0.00E+00	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00
1447	463268.3	3772686	3.03E-05	0.00E+00	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
1448	463276.7	3772689	3.05E-05	0.00E+00	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
1449	463285.2	3772693	3.07E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00
1450	463293.6	3772696	3.09E-05	0.00E+00	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00
1451	463302	3772700	3.11E-05	0.00E+00	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
1452	463310.4	3772703	3.13E-05	0.00E+00	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
1453	463318.8	3772707	3.14E-05	0.00E+00	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00
1454	463327.2	3772710	3.16E-05	0.00E+00	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00
1455	463335.6	3772714	3.18E-05	0.00E+00	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
1456	463344	3772717	3.20E-05	0.00E+00	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00
1457	463352.4	3772721	3.22E-05	0.00E+00	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00
1458	463360.8	3772724	3.23E-05	0.00E+00	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00
1459	463369.2	3772727	3.25E-05	0.00E+00	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00
1460	463377.6	3772731	3.27E-05	0.00E+00	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00
1461	463386	3772734	3.29E-05	0.00E+00	0.00E+00	0.00E+00	5.03E-06	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00
1462	463394.4	3772738	3.30E-05	0.00E+00	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00
1463	463402.8	3772741	3.32E-05	0.00E+00	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
1464	463439.2	3772812	4.25E-05	0.00E+00	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00
1465	463446.2	3772829	4.53E-05	0.00E+00	0.00E+00	0.00E+00	6.93E-06	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00
1466	463453.2	3772845	4.84E-05	0.00E+00	0.00E+00	0.00E+00	7.41E-06	0.00E+00	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	0.00E+00
1467	463460.2	3772862	5.18E-05	0.00E+00	0.00E+00	0.00E+00	7.94E-06	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	0.00E+00
1468	463463.6	3772871	5.37E-05	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00

1469	463491.6	3772938	7.21E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	0.00E+00
1470	463495.1	3772946	7.50E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	0.00E+00
1471	463502.1	3772963	8.12E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	5.33E-06	0.00E+00	0.00E+00	0.00E+00
1472	463509.1	3772980	8.79E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.77E-06	0.00E+00	0.00E+00	0.00E+00
1473	463516.1	3772996	9.53E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	6.25E-06	0.00E+00	0.00E+00	0.00E+00
1474	463523.1	3773013	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	6.78E-06	0.00E+00	0.00E+00	0.00E+00
1475	463526.6	3773022	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	0.00E+00
1476	463533.6	3773038	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	7.64E-06	0.00E+00	0.00E+00	0.00E+00
1477	463540.5	3773055	1.26E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	8.26E-06	0.00E+00	0.00E+00	0.00E+00
1478	463547.5	3773072	1.36E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	8.92E-06	0.00E+00	0.00E+00	0.00E+00
1479	463551	3773080	1.41E-04	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	9.26E-06	0.00E+00	0.00E+00	0.00E+00
1480	463558	3773097	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	9.94E-06	0.00E+00	0.00E+00	0.00E+00
1481	463565	3773114	1.62E-04	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
1482	463572	3773131	1.73E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00
1483	463032.7	3772559	2.45E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
1484	463049.4	3772566	2.43E-05	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
1485	463057.7	3772569	2.43E-05	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
1486	463066	3772573	2.43E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
1487	463082.7	3772580	2.43E-05	0.00E+00	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
1488	463091	3772583	2.43E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
1489	463107.7	3772590	2.45E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
1490	463116	3772593	2.46E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
1491	463124.3	3772597	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
1492	463141	3772604	2.49E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
1493	463149.3	3772607	2.51E-05	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00
1494	463165.9	3772614	2.54E-05	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
1495	463174.3	3772617	2.55E-05	0.00E+00	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
1496	463182.6	3772621	2.57E-05	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00
1497	463199.2	3772628	2.60E-05	0.00E+00	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00
1498	463207.6	3772631	2.62E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00
1499	463224.2	3772638	2.65E-05	0.00E+00	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
1500	463232.6	3772641	2.66E-05	0.00E+00	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00
1501	463240.9	3772645	2.68E-05	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
1502	463257.5	3772652	2.71E-05	0.00E+00	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
1503	463265.9	3772655	2.73E-05	0.00E+00	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00
1504	463282.5	3772662	2.76E-05	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00
1505	463290.8	3772665	2.77E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
1506	463299.2	3772669	2.79E-05	0.00E+00	0.00E+00	0.00E+00	4.27E-06	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00
1507	463315.8	3772676	2.82E-05	0.00E+00	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
1508	463324.1	3772679	2.83E-05	0.00E+00	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00
1509	463340.8	3772686	2.87E-05	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00
1510	463349.1	3772689	2.88E-05	0.00E+00	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
1511	463357.5	3772693	2.90E-05	0.00E+00	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00
1512	463374.1	3772700	2.93E-05	0.00E+00	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00
1513	463382.4	3772703	2.94E-05	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
1514	463399.1	3772710	2.97E-05	0.00E+00	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00

1515	463439.3	3772740	3.19E-05	0.00E+00	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	0.00E+00
1516	463446.2	3772757	3.37E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
1517	463453.2	3772773	3.57E-05	0.00E+00	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00
1518	463460.1	3772790	3.79E-05	0.00E+00	0.00E+00	0.00E+00	5.79E-06	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00
1519	463467	3772807	4.02E-05	0.00E+00	0.00E+00	0.00E+00	6.15E-06	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00
1520	463473.9	3772823	4.27E-05	0.00E+00	0.00E+00	0.00E+00	6.54E-06	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00
1521	463480.9	3772840	4.55E-05	0.00E+00	0.00E+00	0.00E+00	6.97E-06	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00
1522	463487.8	3772857	4.86E-05	0.00E+00	0.00E+00	0.00E+00	7.43E-06	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00
1523	463494.7	3772873	5.19E-05	0.00E+00	0.00E+00	0.00E+00	7.95E-06	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00
1524	463522.4	3772940	6.88E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00
1525	463529.3	3772956	7.41E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	0.00E+00
1526	463536.3	3772973	7.99E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	5.24E-06	0.00E+00	0.00E+00	0.00E+00
1527	463543.2	3772990	8.62E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	0.00E+00
1528	463550.1	3773006	9.30E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-06	0.00E+00	0.00E+00	0.00E+00
1529	463557.1	3773023	1.00E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.58E-06	0.00E+00	0.00E+00	0.00E+00
1530	463564	3773039	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	7.09E-06	0.00E+00	0.00E+00	0.00E+00
1531	463570.9	3773056	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	7.63E-06	0.00E+00	0.00E+00	0.00E+00
1532	463577.8	3773073	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	8.20E-06	0.00E+00	0.00E+00	0.00E+00
1533	463584.8	3773089	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.78E-06	0.00E+00	0.00E+00	0.00E+00
1534	463591.7	3773106	1.43E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	9.38E-06	0.00E+00	0.00E+00	0.00E+00
1535	463598.6	3773123	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	9.98E-06	0.00E+00	0.00E+00	0.00E+00
1536	463032.8	3772519	2.17E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
1537	463041.2	3772522	2.16E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
1538	463049.6	3772526	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
1539	463058	3772529	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
1540	463066.4	3772533	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
1541	463074.8	3772536	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
1542	463083.2	3772540	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
1543	463091.5	3772543	2.16E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
1544	463099.9	3772547	2.16E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
1545	463116.7	3772554	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
1546	463125.1	3772557	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
1547	463133.5	3772560	2.20E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00
1548	463141.9	3772564	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
1549	463158.6	3772571	2.23E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
1550	463167	3772574	2.24E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
1551	463175.4	3772578	2.25E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
1552	463183.8	3772581	2.27E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	0.00E+00
1553	463192.2	3772585	2.28E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
1554	463200.6	3772588	2.30E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00
1555	463209	3772592	2.31E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
1556	463217.4	3772595	2.32E-05	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
1557	463225.7	3772598	2.34E-05	0.00E+00	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
1558	463234.1	3772602	2.35E-05	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
1559	463242.5	3772605	2.36E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
1560	463250.9	3772609	2.38E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	0.00E+00

1561	463259.3	3772612	2.39E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
1562	463267.7	3772616	2.40E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
1563	463276.1	3772619	2.41E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
1564	463284.5	3772623	2.43E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
1565	463301.2	3772630	2.45E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
1566	463309.6	3772633	2.46E-05	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
1567	463318	3772636	2.48E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
1568	463326.4	3772640	2.49E-05	0.00E+00	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00
1569	463343.2	3772647	2.51E-05	0.00E+00	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00
1570	463351.6	3772650	2.53E-05	0.00E+00	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00
1571	463360	3772654	2.54E-05	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
1572	463368.3	3772657	2.55E-05	0.00E+00	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
1573	463376.7	3772661	2.56E-05	0.00E+00	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00
1574	463385.1	3772664	2.57E-05	0.00E+00	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00
1575	463393.5	3772668	2.59E-05	0.00E+00	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00
1576	463401.9	3772671	2.60E-05	0.00E+00	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00
1577	463443.8	3772688	2.66E-05	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
1578	463452.2	3772692	2.67E-05	0.00E+00	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00
1579	463464.1	3772704	2.75E-05	0.00E+00	0.00E+00	0.00E+00	4.21E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
1580	463467.6	3772712	2.82E-05	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
1581	463474.6	3772729	2.97E-05	0.00E+00	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
1582	463481.5	3772745	3.13E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
1583	463488.5	3772762	3.30E-05	0.00E+00	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00
1584	463495.5	3772779	3.49E-05	0.00E+00	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00
1585	463502.5	3772796	3.69E-05	0.00E+00	0.00E+00	0.00E+00	5.65E-06	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00
1586	463509.5	3772812	3.91E-05	0.00E+00	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
1587	463516.4	3772829	4.15E-05	0.00E+00	0.00E+00	0.00E+00	6.36E-06	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00
1588	463523.4	3772846	4.42E-05	0.00E+00	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00
1589	463530.4	3772863	4.70E-05	0.00E+00	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00
1590	463558.3	3772930	6.14E-05	0.00E+00	0.00E+00	0.00E+00	9.40E-06	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	0.00E+00
1591	463565.3	3772946	6.58E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	0.00E+00
1592	463572.2	3772963	7.06E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	0.00E+00
1593	463579.2	3772980	7.58E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	0.00E+00
1594	463586.2	3772997	8.15E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	0.00E+00
1595	463593.2	3773013	8.75E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	5.74E-06	0.00E+00	0.00E+00	0.00E+00
1596	463600.2	3773030	9.39E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	6.16E-06	0.00E+00	0.00E+00	0.00E+00
1597	463607.1	3773047	1.01E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	0.00E+00
1598	463610.6	3773055	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	6.84E-06	0.00E+00	0.00E+00	0.00E+00
1599	463617.6	3773072	1.11E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	7.31E-06	0.00E+00	0.00E+00	0.00E+00
1600	463624.6	3773089	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	7.80E-06	0.00E+00	0.00E+00	0.00E+00
1601	463631.6	3773105	1.27E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	0.00E+00
1602	463638.5	3773122	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	8.81E-06	0.00E+00	0.00E+00	0.00E+00
1603	463032.5	3772479	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
1604	463049.1	3772486	1.93E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
1605	463065.7	3772493	1.92E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
1606	463082.3	3772499	1.92E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00

1607	463098.8	3772506	1.93E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
1608	463107.1	3772510	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
1609	463123.7	3772516	1.95E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
1610	463140.3	3772523	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
1611	463156.9	3772530	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
1612	463173.5	3772537	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
1613	463190.1	3772544	2.03E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
1614	463206.7	3772551	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
1615	463223.3	3772557	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
1616	463239.9	3772564	2.10E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	0.00E+00
1617	463256.5	3772571	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
1618	463273.1	3772578	2.14E-05	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	0.00E+00
1619	463281.4	3772581	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
1620	463298	3772588	2.17E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
1621	463314.6	3772595	2.19E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00
1622	463331.2	3772602	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
1623	463347.8	3772609	2.23E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
1624	463364.4	3772616	2.25E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
1625	463381	3772622	2.27E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	0.00E+00
1626	463397.6	3772629	2.29E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
1627	463439.1	3772646	2.34E-05	0.00E+00	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
1628	463455.6	3772653	2.36E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
1629	463472.2	3772660	2.38E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	0.00E+00
1630	463492.3	3772675	2.45E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
1631	463495.7	3772683	2.51E-05	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00
1632	463502.6	3772700	2.63E-05	0.00E+00	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00
1633	463509.5	3772717	2.76E-05	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00
1634	463516.4	3772733	2.90E-05	0.00E+00	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00
1635	463519.9	3772741	2.97E-05	0.00E+00	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
1636	463526.8	3772758	3.12E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
1637	463533.7	3772775	3.29E-05	0.00E+00	0.00E+00	0.00E+00	5.04E-06	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00
1638	463540.6	3772791	3.47E-05	0.00E+00	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00
1639	463547.5	3772808	3.67E-05	0.00E+00	0.00E+00	0.00E+00	5.62E-06	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00
1640	463554.4	3772824	3.88E-05	0.00E+00	0.00E+00	0.00E+00	5.95E-06	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00
1641	463561.3	3772841	4.11E-05	0.00E+00	0.00E+00	0.00E+00	6.30E-06	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00
1642	463568.2	3772857	4.36E-05	0.00E+00	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00
1643	463571.7	3772866	4.50E-05	0.00E+00	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00
1644	463599.3	3772932	5.78E-05	0.00E+00	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00
1645	463606.2	3772948	6.17E-05	0.00E+00	0.00E+00	0.00E+00	9.44E-06	0.00E+00	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	0.00E+00
1646	463613.1	3772965	6.59E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	0.00E+00
1647	463620	3772982	7.04E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	0.00E+00
1648	463623.4	3772990	7.28E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00
1649	463630.3	3773006	7.78E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	0.00E+00
1650	463637.2	3773023	8.30E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	0.00E+00
1651	463644.1	3773040	8.86E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	5.82E-06	0.00E+00	0.00E+00	0.00E+00
1652	463647.6	3773048	9.15E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	6.01E-06	0.00E+00	0.00E+00	0.00E+00

1653	463654.5	3773064	9.75E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	0.00E+00
1654	463661.4	3773081	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	6.80E-06	0.00E+00	0.00E+00	0.00E+00
1655	463668.3	3773098	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	0.00E+00
1656	463675.2	3773114	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	7.63E-06	0.00E+00	0.00E+00	0.00E+00
1657	463682.1	3773131	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	8.05E-06	0.00E+00	0.00E+00	0.00E+00
1658	463032.6	3772439	1.75E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
1659	463040.9	3772442	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
1660	463124.4	3772477	1.76E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
1661	463132.8	3772480	1.76E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
1662	463141.2	3772484	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
1663	463149.5	3772487	1.78E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
1664	463166.2	3772494	1.80E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
1665	463174.6	3772497	1.81E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
1666	463182.9	3772501	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
1667	463199.6	3772508	1.84E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
1668	463208	3772511	1.85E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
1669	463216.3	3772515	1.86E-05	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
1670	463233	3772522	1.88E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
1671	463241.4	3772525	1.89E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	0.00E+00
1672	463249.7	3772528	1.90E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	0.00E+00
1673	463266.5	3772535	1.91E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
1674	463274.8	3772539	1.92E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
1675	463283.2	3772542	1.93E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
1676	463299.9	3772549	1.95E-05	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
1677	463308.2	3772552	1.96E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
1678	463316.6	3772556	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
1679	463333.3	3772563	1.98E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
1680	463341.6	3772566	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
1681	463350	3772570	2.00E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
1682	463358.3	3772573	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
1683	463375.1	3772580	2.02E-05	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
1684	463383.4	3772583	2.03E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
1685	463391.8	3772587	2.04E-05	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
1686	463441.9	3772608	2.09E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
1687	463450.2	3772611	2.10E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
1688	463458.6	3772614	2.10E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	0.00E+00
1689	463475.3	3772621	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
1690	463483.7	3772625	2.13E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	0.00E+00
1691	463492	3772628	2.14E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	0.00E+00
1692	463508.7	3772635	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
1693	463520.5	3772647	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
1694	463524	3772655	2.25E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
1695	463531	3772672	2.35E-05	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
1696	463534.4	3772680	2.41E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
1697	463541.4	3772697	2.52E-05	0.00E+00	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00
1698	463544.9	3772705	2.58E-05	0.00E+00	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00

1699	463551.8	3772722	2.70E-05	0.00E+00	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
1700	463558.8	3772739	2.83E-05	0.00E+00	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00
1701	463562.2	3772747	2.90E-05	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00
1702	463569.2	3772764	3.05E-05	0.00E+00	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
1703	463572.7	3772772	3.13E-05	0.00E+00	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00
1704	463579.6	3772789	3.30E-05	0.00E+00	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00
1705	463583.1	3772797	3.39E-05	0.00E+00	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
1706	463590	3772814	3.57E-05	0.00E+00	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00
1707	463593.5	3772822	3.67E-05	0.00E+00	0.00E+00	0.00E+00	5.62E-06	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00
1708	463600.4	3772839	3.88E-05	0.00E+00	0.00E+00	0.00E+00	5.94E-06	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00
1709	463607.4	3772855	4.10E-05	0.00E+00	0.00E+00	0.00E+00	6.28E-06	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00
1710	463610.9	3772864	4.22E-05	0.00E+00	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
1711	463638.7	3772930	5.36E-05	0.00E+00	0.00E+00	0.00E+00	8.21E-06	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00
1712	463642.1	3772939	5.53E-05	0.00E+00	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00
1713	463649.1	3772955	5.89E-05	0.00E+00	0.00E+00	0.00E+00	9.01E-06	0.00E+00	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	0.00E+00
1714	463656	3772972	6.27E-05	0.00E+00	0.00E+00	0.00E+00	9.60E-06	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00
1715	463659.5	3772980	6.47E-05	0.00E+00	0.00E+00	0.00E+00	9.90E-06	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00
1716	463666.5	3772997	6.89E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00
1717	463669.9	3773005	7.11E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	0.00E+00
1718	463676.9	3773022	7.57E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	0.00E+00
1719	463680.4	3773030	7.80E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00
1720	463687.3	3773047	8.29E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.44E-06	0.00E+00	0.00E+00	0.00E+00
1721	463690.8	3773055	8.55E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	0.00E+00
1722	463697.7	3773072	9.07E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.95E-06	0.00E+00	0.00E+00	0.00E+00
1723	463704.7	3773089	9.60E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	6.30E-06	0.00E+00	0.00E+00	0.00E+00
1724	463708.1	3773097	9.87E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	0.00E+00
1725	463715.1	3773114	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	6.83E-06	0.00E+00	0.00E+00	0.00E+00
1726	463718.6	3773122	1.07E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	7.01E-06	0.00E+00	0.00E+00	0.00E+00
1727	463725.5	3773139	1.12E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	7.37E-06	0.00E+00	0.00E+00	0.00E+00
1728	463032.6	3772399	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
1729	463041	3772403	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
1730	463049.4	3772406	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
1731	463057.8	3772409	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
1732	463066.2	3772413	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
1733	463074.6	3772416	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
1734	463083	3772420	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
1735	463091.5	3772423	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
1736	463099.9	3772427	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
1737	463108.3	3772430	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
1738	463116.7	3772434	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
1739	463125.1	3772437	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
1740	463133.5	3772441	1.60E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
1741	463217.5	3772475	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
1742	463225.9	3772479	1.69E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
1743	463234.3	3772482	1.70E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
1744	463242.7	3772486	1.71E-05	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00

1745	463251.1	3772489	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
1746	463259.5	3772492	1.73E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
1747	463267.9	3772496	1.73E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
1748	463276.4	3772499	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
1749	463284.8	3772503	1.75E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
1750	463293.2	3772506	1.76E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
1751	463301.6	3772510	1.76E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
1752	463310	3772513	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
1753	463318.4	3772517	1.78E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
1754	463326.8	3772520	1.78E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
1755	463335.2	3772524	1.79E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
1756	463343.6	3772527	1.80E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
1757	463352	3772531	1.81E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
1758	463360.4	3772534	1.81E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
1759	463368.8	3772537	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
1760	463377.2	3772541	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
1761	463385.6	3772544	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
1762	463394	3772548	1.84E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
1763	463402.4	3772551	1.84E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
1764	463444.4	3772569	1.88E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
1765	463452.8	3772572	1.88E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	0.00E+00
1766	463461.2	3772576	1.89E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	0.00E+00
1767	463469.7	3772579	1.90E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
1768	463478.1	3772582	1.91E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
1769	463486.5	3772586	1.91E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
1770	463494.9	3772589	1.92E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
1771	463511.7	3772596	1.93E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
1772	463520.1	3772600	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
1773	463528.5	3772603	1.95E-05	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
1774	463536.9	3772607	1.95E-05	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
1775	463548.8	3772619	2.00E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
1776	463552.3	3772627	2.04E-05	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
1777	463559.3	3772644	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
1778	463566.3	3772660	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
1779	463569.8	3772669	2.26E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
1780	463576.8	3772686	2.36E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
1781	463583.7	3772702	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
1782	463590.7	3772719	2.58E-05	0.00E+00	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00
1783	463597.7	3772736	2.71E-05	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
1784	463601.2	3772744	2.77E-05	0.00E+00	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
1785	463608.2	3772761	2.91E-05	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00
1786	463615.2	3772778	3.06E-05	0.00E+00	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
1787	463622.2	3772795	3.21E-05	0.00E+00	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00
1788	463629.2	3772812	3.38E-05	0.00E+00	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
1789	463632.7	3772820	3.47E-05	0.00E+00	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00
1790	463639.7	3772837	3.66E-05	0.00E+00	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00

1791	463646.7	3772853	3.87E-05	0.00E+00	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00
1792	463653.6	3772870	4.09E-05	0.00E+00	0.00E+00	0.00E+00	6.25E-06	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00
1793	463657.1	3772879	4.20E-05	0.00E+00	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00
1794	463678.1	3772929	4.99E-05	0.00E+00	0.00E+00	0.00E+00	7.64E-06	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00
1795	463685.1	3772946	5.30E-05	0.00E+00	0.00E+00	0.00E+00	8.11E-06	0.00E+00	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	0.00E+00
1796	463688.6	3772954	5.46E-05	0.00E+00	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	0.00E+00
1797	463695.6	3772971	5.79E-05	0.00E+00	0.00E+00	0.00E+00	8.86E-06	0.00E+00	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	0.00E+00
1798	463702.6	3772988	6.15E-05	0.00E+00	0.00E+00	0.00E+00	9.41E-06	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	0.00E+00
1799	463709.6	3773004	6.53E-05	0.00E+00	0.00E+00	0.00E+00	9.99E-06	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	0.00E+00
1800	463716.6	3773021	6.92E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00
1801	463720.1	3773030	7.13E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	0.00E+00
1802	463727	3773046	7.55E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	0.00E+00
1803	463734	3773063	7.99E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	5.25E-06	0.00E+00	0.00E+00	0.00E+00
1804	463741	3773080	8.45E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	5.54E-06	0.00E+00	0.00E+00	0.00E+00
1805	463744.5	3773088	8.68E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00
1806	463751.5	3773105	9.14E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00
1807	463758.5	3773122	9.61E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	0.00E+00
1808	463032.3	3772359	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00	9.50E-07	0.00E+00	0.00E+00	0.00E+00
1809	463049	3772366	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.45E-07	0.00E+00	0.00E+00	0.00E+00
1810	463057.3	3772369	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.43E-07	0.00E+00	0.00E+00	0.00E+00
1811	463065.6	3772373	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.43E-07	0.00E+00	0.00E+00	0.00E+00
1812	463082.3	3772380	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.43E-07	0.00E+00	0.00E+00	0.00E+00
1813	463090.6	3772383	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.45E-07	0.00E+00	0.00E+00	0.00E+00
1814	463107.2	3772390	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00	9.49E-07	0.00E+00	0.00E+00	0.00E+00
1815	463115.6	3772393	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	9.51E-07	0.00E+00	0.00E+00	0.00E+00
1816	463123.9	3772397	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	0.00E+00	9.54E-07	0.00E+00	0.00E+00	0.00E+00
1817	463140.5	3772404	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00	9.62E-07	0.00E+00	0.00E+00	0.00E+00
1818	463148.9	3772407	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00	9.66E-07	0.00E+00	0.00E+00	0.00E+00
1819	463165.5	3772414	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	9.75E-07	0.00E+00	0.00E+00	0.00E+00
1820	463173.9	3772417	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00	9.80E-07	0.00E+00	0.00E+00	0.00E+00
1821	463182.2	3772421	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00	9.85E-07	0.00E+00	0.00E+00	0.00E+00
1822	463198.8	3772428	1.52E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00	9.95E-07	0.00E+00	0.00E+00	0.00E+00
1823	463207.2	3772431	1.52E-05	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00
1824	463223.8	3772438	1.54E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
1825	463315.4	3772476	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
1826	463323.7	3772479	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
1827	463340.4	3772486	1.63E-05	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
1828	463348.7	3772489	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
1829	463357	3772493	1.65E-05	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
1830	463373.7	3772500	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
1831	463382	3772503	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
1832	463398.7	3772510	1.67E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
1833	463440.3	3772527	1.70E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
1834	463456.9	3772534	1.71E-05	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
1835	463465.3	3772537	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
1836	463473.6	3772541	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00

1837	463490.3	3772548	1.73E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
1838	463498.6	3772551	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
1839	463506.9	3772554	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
1840	463523.6	3772561	1.76E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
1841	463531.9	3772565	1.76E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
1842	463548.5	3772572	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
1843	463556.9	3772575	1.78E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
1844	463565.2	3772578	1.78E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00
1845	463577	3772590	1.82E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
1846	463580.4	3772598	1.86E-05	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
1847	463587.4	3772615	1.93E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
1848	463594.3	3772632	2.00E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
1849	463601.2	3772648	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
1850	463608.1	3772665	2.17E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
1851	463615.1	3772682	2.26E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
1852	463622	3772698	2.36E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
1853	463628.9	3772715	2.46E-05	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
1854	463635.8	3772731	2.58E-05	0.00E+00	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00
1855	463642.8	3772748	2.69E-05	0.00E+00	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
1856	463649.7	3772765	2.82E-05	0.00E+00	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
1857	463656.6	3772781	2.96E-05	0.00E+00	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
1858	463663.6	3772798	3.10E-05	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
1859	463670.5	3772815	3.26E-05	0.00E+00	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
1860	463677.4	3772831	3.43E-05	0.00E+00	0.00E+00	0.00E+00	5.25E-06	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00
1861	463684.3	3772848	3.61E-05	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00
1862	463691.3	3772864	3.80E-05	0.00E+00	0.00E+00	0.00E+00	5.81E-06	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00
1863	463719	3772931	4.71E-05	0.00E+00	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00
1864	463725.9	3772948	4.98E-05	0.00E+00	0.00E+00	0.00E+00	7.62E-06	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00
1865	463732.8	3772964	5.26E-05	0.00E+00	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	0.00E+00
1866	463739.7	3772981	5.57E-05	0.00E+00	0.00E+00	0.00E+00	8.52E-06	0.00E+00	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	0.00E+00
1867	463746.7	3772997	5.89E-05	0.00E+00	0.00E+00	0.00E+00	9.01E-06	0.00E+00	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	0.00E+00
1868	463753.6	3773014	6.22E-05	0.00E+00	0.00E+00	0.00E+00	9.53E-06	0.00E+00	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00
1869	463760.5	3773031	6.57E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00
1870	463767.4	3773047	6.94E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	0.00E+00
1871	463774.4	3773064	7.32E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	0.00E+00
1872	463781.3	3773081	7.71E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00
1873	463788.2	3773097	8.10E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	0.00E+00
1874	463795.1	3773114	8.50E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	5.58E-06	0.00E+00	0.00E+00	0.00E+00
1875	463802.1	3773130	8.90E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	0.00E+00
1876	463032.4	3772319	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.72E-07	0.00E+00	0.00E+00	0.00E+00
1877	463040.7	3772322	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.69E-07	0.00E+00	0.00E+00	0.00E+00
1878	463049.1	3772326	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	8.68E-07	0.00E+00	0.00E+00	0.00E+00
1879	463065.9	3772333	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	8.66E-07	0.00E+00	0.00E+00	0.00E+00
1880	463074.2	3772336	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	8.66E-07	0.00E+00	0.00E+00	0.00E+00
1881	463082.6	3772340	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	8.67E-07	0.00E+00	0.00E+00	0.00E+00
1882	463091	3772343	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	8.68E-07	0.00E+00	0.00E+00	0.00E+00

1883	463107.7	3772350	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.72E-07	0.00E+00	0.00E+00	0.00E+00
1884	463116.1	3772353	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.73E-07	0.00E+00	0.00E+00	0.00E+00
1885	463124.5	3772357	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.76E-07	0.00E+00	0.00E+00	0.00E+00
1886	463141.2	3772364	1.35E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00	8.83E-07	0.00E+00	0.00E+00	0.00E+00
1887	463149.6	3772367	1.35E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00	8.87E-07	0.00E+00	0.00E+00	0.00E+00
1888	463158	3772371	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00	8.91E-07	0.00E+00	0.00E+00	0.00E+00
1889	463166.3	3772374	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00	8.95E-07	0.00E+00	0.00E+00	0.00E+00
1890	463183.1	3772381	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00	9.04E-07	0.00E+00	0.00E+00	0.00E+00
1891	463191.5	3772385	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00	9.08E-07	0.00E+00	0.00E+00	0.00E+00
1892	463199.8	3772388	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00	9.13E-07	0.00E+00	0.00E+00	0.00E+00
1893	463208.2	3772391	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00	9.18E-07	0.00E+00	0.00E+00	0.00E+00
1894	463224.9	3772398	1.41E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00	9.27E-07	0.00E+00	0.00E+00	0.00E+00
1895	463233.3	3772402	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00	9.32E-07	0.00E+00	0.00E+00	0.00E+00
1896	463241.7	3772405	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.37E-07	0.00E+00	0.00E+00	0.00E+00
1897	463250.1	3772409	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.42E-07	0.00E+00	0.00E+00	0.00E+00
1898	463266.8	3772416	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	9.50E-07	0.00E+00	0.00E+00	0.00E+00
1899	463275.2	3772419	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	0.00E+00	9.54E-07	0.00E+00	0.00E+00	0.00E+00
1900	463283.6	3772422	1.46E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	0.00E+00	9.58E-07	0.00E+00	0.00E+00	0.00E+00
1901	463291.9	3772426	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00	9.62E-07	0.00E+00	0.00E+00	0.00E+00
1902	463308.7	3772433	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00	9.70E-07	0.00E+00	0.00E+00	0.00E+00
1903	463317.1	3772436	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	9.73E-07	0.00E+00	0.00E+00	0.00E+00
1904	463442.7	3772488	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
1905	463451	3772491	1.56E-05	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
1906	463467.8	3772498	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
1907	463476.1	3772502	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
1908	463484.5	3772505	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
1909	463492.9	3772509	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
1910	463509.6	3772516	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
1911	463518	3772519	1.60E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
1912	463526.4	3772522	1.60E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
1913	463534.8	3772526	1.61E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
1914	463551.5	3772533	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
1915	463559.9	3772536	1.62E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
1916	463568.3	3772540	1.63E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
1917	463585	3772547	1.63E-05	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
1918	463593.4	3772550	1.64E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
1919	463605.2	3772562	1.67E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
1920	463608.7	3772570	1.70E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
1921	463615.7	3772587	1.76E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
1922	463622.6	3772604	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
1923	463626.1	3772612	1.86E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
1924	463633.1	3772629	1.93E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
1925	463640.1	3772645	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
1926	463647	3772662	2.09E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
1927	463654	3772679	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
1928	463657.5	3772687	2.22E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00

1929	463664.4	3772704	2.31E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
1930	463671.4	3772721	2.41E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
1931	463678.4	3772737	2.52E-05	0.00E+00	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00
1932	463681.8	3772746	2.58E-05	0.00E+00	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00
1933	463688.8	3772762	2.69E-05	0.00E+00	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
1934	463695.8	3772779	2.82E-05	0.00E+00	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
1935	463702.7	3772796	2.95E-05	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
1936	463709.7	3772813	3.09E-05	0.00E+00	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00
1937	463713.2	3772821	3.17E-05	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00
1938	463720.1	3772838	3.33E-05	0.00E+00	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
1939	463727.1	3772854	3.49E-05	0.00E+00	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00
1940	463734.1	3772871	3.67E-05	0.00E+00	0.00E+00	0.00E+00	5.62E-06	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00
1941	463758.5	3772930	4.40E-05	0.00E+00	0.00E+00	0.00E+00	6.74E-06	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00
1942	463761.9	3772938	4.52E-05	0.00E+00	0.00E+00	0.00E+00	6.92E-06	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00
1943	463768.9	3772955	4.77E-05	0.00E+00	0.00E+00	0.00E+00	7.30E-06	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00
1944	463775.9	3772971	5.03E-05	0.00E+00	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00
1945	463782.8	3772988	5.30E-05	0.00E+00	0.00E+00	0.00E+00	8.12E-06	0.00E+00	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	0.00E+00
1946	463789.8	3773005	5.59E-05	0.00E+00	0.00E+00	0.00E+00	8.56E-06	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00
1947	463793.3	3773013	5.74E-05	0.00E+00	0.00E+00	0.00E+00	8.79E-06	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	0.00E+00
1948	463800.2	3773030	6.05E-05	0.00E+00	0.00E+00	0.00E+00	9.26E-06	0.00E+00	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	0.00E+00
1949	463807.2	3773047	6.37E-05	0.00E+00	0.00E+00	0.00E+00	9.75E-06	0.00E+00	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	0.00E+00
1950	463814.2	3773063	6.70E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00
1951	463817.7	3773072	6.87E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00
1952	463824.6	3773088	7.21E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	0.00E+00
1953	463831.6	3773105	7.56E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	0.00E+00
1954	463838.5	3773122	7.91E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	0.00E+00
1955	463845.5	3773139	8.26E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	5.42E-06	0.00E+00	0.00E+00	0.00E+00
1956	463032.1	3772279	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.04E-07	0.00E+00	0.00E+00	0.00E+00
1957	463048.7	3772286	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.01E-07	0.00E+00	0.00E+00	0.00E+00
1958	463065.3	3772293	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.00E-07	0.00E+00	0.00E+00	0.00E+00
1959	463073.6	3772296	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00	7.99E-07	0.00E+00	0.00E+00	0.00E+00
1960	463090.2	3772303	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.01E-07	0.00E+00	0.00E+00	0.00E+00
1961	463098.5	3772306	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.02E-07	0.00E+00	0.00E+00	0.00E+00
1962	463106.8	3772310	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.04E-07	0.00E+00	0.00E+00	0.00E+00
1963	463123.4	3772317	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.08E-07	0.00E+00	0.00E+00	0.00E+00
1964	463131.7	3772320	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.11E-07	0.00E+00	0.00E+00	0.00E+00
1965	463148.3	3772327	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00	8.18E-07	0.00E+00	0.00E+00	0.00E+00
1966	463156.6	3772330	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.21E-07	0.00E+00	0.00E+00	0.00E+00
1967	463173.2	3772337	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00	8.29E-07	0.00E+00	0.00E+00	0.00E+00
1968	463189.8	3772344	1.27E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00	8.37E-07	0.00E+00	0.00E+00	0.00E+00
1969	463206.5	3772351	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	8.45E-07	0.00E+00	0.00E+00	0.00E+00
1970	463214.8	3772354	1.30E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00	8.50E-07	0.00E+00	0.00E+00	0.00E+00
1971	463231.4	3772361	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	8.58E-07	0.00E+00	0.00E+00	0.00E+00
1972	463248	3772368	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	8.67E-07	0.00E+00	0.00E+00	0.00E+00
1973	463256.3	3772371	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.71E-07	0.00E+00	0.00E+00	0.00E+00
1974	463264.6	3772375	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.75E-07	0.00E+00	0.00E+00	0.00E+00

1975	463281.2	3772382	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00	8.83E-07	0.00E+00	0.00E+00	0.00E+00
1976	463289.5	3772385	1.35E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00	8.86E-07	0.00E+00	0.00E+00	0.00E+00
1977	463306.1	3772392	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00	8.94E-07	0.00E+00	0.00E+00	0.00E+00
1978	463314.4	3772395	1.37E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00	8.97E-07	0.00E+00	0.00E+00	0.00E+00
1979	463331	3772402	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00	9.03E-07	0.00E+00	0.00E+00	0.00E+00
1980	463339.3	3772405	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00	9.06E-07	0.00E+00	0.00E+00	0.00E+00
1981	463355.9	3772412	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00	9.11E-07	0.00E+00	0.00E+00	0.00E+00
1982	463372.5	3772419	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00	9.17E-07	0.00E+00	0.00E+00	0.00E+00
1983	463380.8	3772423	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00	9.19E-07	0.00E+00	0.00E+00	0.00E+00
1984	463389.1	3772426	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00	9.22E-07	0.00E+00	0.00E+00	0.00E+00
1985	463488.8	3772467	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	9.51E-07	0.00E+00	0.00E+00	0.00E+00
1986	463497.1	3772470	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	9.54E-07	0.00E+00	0.00E+00	0.00E+00
1987	463513.7	3772477	1.46E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00	9.59E-07	0.00E+00	0.00E+00	0.00E+00
1988	463530.3	3772484	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00	9.64E-07	0.00E+00	0.00E+00	0.00E+00
1989	463538.6	3772488	1.47E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00	9.67E-07	0.00E+00	0.00E+00	0.00E+00
1990	463546.9	3772491	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00	9.70E-07	0.00E+00	0.00E+00	0.00E+00
1991	463563.5	3772498	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	9.75E-07	0.00E+00	0.00E+00	0.00E+00
1992	463571.8	3772501	1.49E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00	9.78E-07	0.00E+00	0.00E+00	0.00E+00
1993	463588.4	3772508	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00	9.83E-07	0.00E+00	0.00E+00	0.00E+00
1994	463596.8	3772511	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00	9.86E-07	0.00E+00	0.00E+00	0.00E+00
1995	463613.4	3772518	1.51E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	0.00E+00	9.91E-07	0.00E+00	0.00E+00	0.00E+00
1996	463621.7	3772522	1.52E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00	9.94E-07	0.00E+00	0.00E+00	0.00E+00
1997	463633.4	3772533	1.54E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
1998	463640.3	3772550	1.59E-05	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
1999	463647.2	3772567	1.65E-05	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
2000	463654.1	3772583	1.71E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
2001	463661.1	3772600	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
2002	463668	3772616	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
2003	463674.9	3772633	1.90E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
2004	463681.8	3772649	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
2005	463688.7	3772666	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
2006	463695.6	3772683	2.13E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	0.00E+00
2007	463702.5	3772699	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
2008	463709.4	3772716	2.30E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00
2009	463716.3	3772732	2.40E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
2010	463719.8	3772741	2.45E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
2011	463726.7	3772757	2.55E-05	0.00E+00	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00
2012	463733.6	3772774	2.67E-05	0.00E+00	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00
2013	463740.5	3772790	2.79E-05	0.00E+00	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00
2014	463747.4	3772807	2.91E-05	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00
2015	463754.3	3772824	3.05E-05	0.00E+00	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00
2016	463761.2	3772840	3.19E-05	0.00E+00	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
2017	463768.1	3772857	3.34E-05	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
2018	463775	3772873	3.51E-05	0.00E+00	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	0.00E+00
2019	463802.7	3772940	4.27E-05	0.00E+00	0.00E+00	0.00E+00	6.53E-06	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00
2020	463806.1	3772948	4.37E-05	0.00E+00	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	0.00E+00

2021	463813	3772964	4.60E-05	0.00E+00	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00
2022	463819.9	3772981	4.84E-05	0.00E+00	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	0.00E+00
2023	463826.8	3772998	5.09E-05	0.00E+00	0.00E+00	0.00E+00	7.78E-06	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00
2024	463833.7	3773014	5.34E-05	0.00E+00	0.00E+00	0.00E+00	8.18E-06	0.00E+00	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	0.00E+00
2025	463840.6	3773031	5.61E-05	0.00E+00	0.00E+00	0.00E+00	8.59E-06	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00
2026	463847.5	3773047	5.89E-05	0.00E+00	0.00E+00	0.00E+00	9.02E-06	0.00E+00	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	0.00E+00
2027	463854.5	3773064	6.18E-05	0.00E+00	0.00E+00	0.00E+00	9.46E-06	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00
2028	463861.4	3773081	6.48E-05	0.00E+00	0.00E+00	0.00E+00	9.91E-06	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00
2029	463868.3	3773097	6.78E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00
2030	463875.2	3773114	7.08E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	0.00E+00
2031	463882.1	3773130	7.38E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	0.00E+00
2032	463107.2	3772270	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00	7.46E-07	0.00E+00	0.00E+00	0.00E+00
2033	463123.9	3772277	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00	7.49E-07	0.00E+00	0.00E+00	0.00E+00
2034	463132.3	3772280	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	7.52E-07	0.00E+00	0.00E+00	0.00E+00
2035	463140.6	3772284	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	7.55E-07	0.00E+00	0.00E+00	0.00E+00
2036	463157.3	3772291	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.61E-07	0.00E+00	0.00E+00	0.00E+00
2037	463165.7	3772294	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.65E-07	0.00E+00	0.00E+00	0.00E+00
2038	463174	3772297	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00	7.68E-07	0.00E+00	0.00E+00	0.00E+00
2039	463190.7	3772304	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00	7.76E-07	0.00E+00	0.00E+00	0.00E+00
2040	463199.1	3772308	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00	7.79E-07	0.00E+00	0.00E+00	0.00E+00
2041	463207.4	3772311	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00	7.84E-07	0.00E+00	0.00E+00	0.00E+00
2042	463224.1	3772318	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00	7.92E-07	0.00E+00	0.00E+00	0.00E+00
2043	463232.5	3772321	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00	7.95E-07	0.00E+00	0.00E+00	0.00E+00
2044	463240.8	3772325	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.00E-07	0.00E+00	0.00E+00	0.00E+00
2045	463257.5	3772332	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.07E-07	0.00E+00	0.00E+00	0.00E+00
2046	463265.9	3772335	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.11E-07	0.00E+00	0.00E+00	0.00E+00
2047	463274.2	3772339	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00	8.14E-07	0.00E+00	0.00E+00	0.00E+00
2048	463290.9	3772346	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.22E-07	0.00E+00	0.00E+00	0.00E+00
2049	463299.2	3772349	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.25E-07	0.00E+00	0.00E+00	0.00E+00
2050	463307.6	3772352	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00	8.29E-07	0.00E+00	0.00E+00	0.00E+00
2051	463324.3	3772359	1.27E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00	8.35E-07	0.00E+00	0.00E+00	0.00E+00
2052	463332.6	3772363	1.28E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00	8.37E-07	0.00E+00	0.00E+00	0.00E+00
2053	463341	3772366	1.28E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00	8.40E-07	0.00E+00	0.00E+00	0.00E+00
2054	463357.7	3772373	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	8.45E-07	0.00E+00	0.00E+00	0.00E+00
2055	463366	3772376	1.29E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00	8.48E-07	0.00E+00	0.00E+00	0.00E+00
2056	463374.4	3772380	1.30E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00	8.50E-07	0.00E+00	0.00E+00	0.00E+00
2057	463391.1	3772387	1.30E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00	8.54E-07	0.00E+00	0.00E+00	0.00E+00
2058	463399.4	3772390	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	8.57E-07	0.00E+00	0.00E+00	0.00E+00
2059	463407.8	3772394	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	8.59E-07	0.00E+00	0.00E+00	0.00E+00
2060	463591.4	3772469	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00	9.06E-07	0.00E+00	0.00E+00	0.00E+00
2061	463599.8	3772473	1.38E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00	9.08E-07	0.00E+00	0.00E+00	0.00E+00
2062	463608.1	3772476	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00	9.11E-07	0.00E+00	0.00E+00	0.00E+00
2063	463624.8	3772483	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00	9.16E-07	0.00E+00	0.00E+00	0.00E+00
2064	463633.2	3772486	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00	9.18E-07	0.00E+00	0.00E+00	0.00E+00
2065	463641.5	3772490	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00	9.21E-07	0.00E+00	0.00E+00	0.00E+00
2066	463661.7	3772505	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00	9.40E-07	0.00E+00	0.00E+00	0.00E+00

2067	463665.1	3772513	1.45E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	9.54E-07	0.00E+00	0.00E+00	0.00E+00
2068	463672.1	3772530	1.50E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00	9.84E-07	0.00E+00	0.00E+00	0.00E+00
2069	463675.6	3772538	1.52E-05	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00
2070	463682.5	3772555	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
2071	463686	3772563	1.60E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
2072	463692.9	3772580	1.65E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
2073	463696.4	3772588	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
2074	463703.3	3772605	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
2075	463706.8	3772613	1.77E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
2076	463713.7	3772630	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
2077	463717.2	3772638	1.87E-05	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
2078	463724.2	3772655	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
2079	463727.6	3772663	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
2080	463734.6	3772680	2.05E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
2081	463738	3772688	2.09E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
2082	463745	3772705	2.17E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
2083	463748.5	3772713	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
2084	463755.4	3772730	2.30E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00
2085	463758.9	3772738	2.35E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
2086	463765.8	3772755	2.44E-05	0.00E+00	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
2087	463769.3	3772763	2.49E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
2088	463776.2	3772780	2.60E-05	0.00E+00	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00
2089	463779.7	3772788	2.66E-05	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
2090	463786.7	3772805	2.77E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
2091	463790.1	3772813	2.83E-05	0.00E+00	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00
2092	463797.1	3772830	2.96E-05	0.00E+00	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
2093	463800.5	3772838	3.03E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
2094	463807.5	3772855	3.17E-05	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00
2095	463811	3772863	3.24E-05	0.00E+00	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00
2096	463838.7	3772930	3.90E-05	0.00E+00	0.00E+00	0.00E+00	5.98E-06	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00
2097	463842.2	3772938	4.00E-05	0.00E+00	0.00E+00	0.00E+00	6.12E-06	0.00E+00	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00
2098	463849.1	3772955	4.19E-05	0.00E+00	0.00E+00	0.00E+00	6.42E-06	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00
2099	463852.6	3772963	4.30E-05	0.00E+00	0.00E+00	0.00E+00	6.58E-06	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	0.00E+00
2100	463859.6	3772980	4.51E-05	0.00E+00	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00
2101	463863	3772988	4.62E-05	0.00E+00	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00
2102	463870	3773005	4.84E-05	0.00E+00	0.00E+00	0.00E+00	7.41E-06	0.00E+00	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	0.00E+00
2103	463873.4	3773013	4.96E-05	0.00E+00	0.00E+00	0.00E+00	7.59E-06	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00
2104	463880.4	3773030	5.20E-05	0.00E+00	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00
2105	463887.3	3773047	5.45E-05	0.00E+00	0.00E+00	0.00E+00	8.34E-06	0.00E+00	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	0.00E+00
2106	463890.8	3773055	5.58E-05	0.00E+00	0.00E+00	0.00E+00	8.53E-06	0.00E+00	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00
2107	463897.7	3773072	5.83E-05	0.00E+00	0.00E+00	0.00E+00	8.93E-06	0.00E+00	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	0.00E+00
2108	463901.2	3773080	5.96E-05	0.00E+00	0.00E+00	0.00E+00	9.13E-06	0.00E+00	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00
2109	463908.2	3773097	6.23E-05	0.00E+00	0.00E+00	0.00E+00	9.53E-06	0.00E+00	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	0.00E+00
2110	463911.6	3773105	6.36E-05	0.00E+00	0.00E+00	0.00E+00	9.73E-06	0.00E+00	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	0.00E+00
2111	463918.6	3773122	6.63E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	0.00E+00
2112	463922	3773130	6.76E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	0.00E+00

2113	463208.3	3772272	1.11E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00	7.29E-07	0.00E+00	0.00E+00	0.00E+00
2114	463216.7	3772275	1.12E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00	7.33E-07	0.00E+00	0.00E+00	0.00E+00
2115	463225.1	3772278	1.12E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00	7.37E-07	0.00E+00	0.00E+00	0.00E+00
2116	463233.5	3772282	1.13E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00	7.40E-07	0.00E+00	0.00E+00	0.00E+00
2117	463250.2	3772289	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00	7.48E-07	0.00E+00	0.00E+00	0.00E+00
2118	463258.6	3772292	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00	7.51E-07	0.00E+00	0.00E+00	0.00E+00
2119	463267	3772296	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	7.55E-07	0.00E+00	0.00E+00	0.00E+00
2120	463275.4	3772299	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00	7.59E-07	0.00E+00	0.00E+00	0.00E+00
2121	463283.8	3772303	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.62E-07	0.00E+00	0.00E+00	0.00E+00
2122	463292.2	3772306	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00	7.65E-07	0.00E+00	0.00E+00	0.00E+00
2123	463300.6	3772310	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00	7.68E-07	0.00E+00	0.00E+00	0.00E+00
2124	463309	3772313	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.71E-07	0.00E+00	0.00E+00	0.00E+00
2125	463317.3	3772316	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00	7.75E-07	0.00E+00	0.00E+00	0.00E+00
2126	463325.7	3772320	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00	7.77E-07	0.00E+00	0.00E+00	0.00E+00
2127	463334.1	3772323	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00	7.80E-07	0.00E+00	0.00E+00	0.00E+00
2128	463342.5	3772327	1.19E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00	7.83E-07	0.00E+00	0.00E+00	0.00E+00
2129	463350.9	3772330	1.20E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00	7.85E-07	0.00E+00	0.00E+00	0.00E+00
2130	463359.3	3772334	1.20E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00	7.87E-07	0.00E+00	0.00E+00	0.00E+00
2131	463367.7	3772337	1.20E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00	7.90E-07	0.00E+00	0.00E+00	0.00E+00
2132	463376.1	3772341	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00	7.92E-07	0.00E+00	0.00E+00	0.00E+00
2133	463392.8	3772348	1.21E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00	7.96E-07	0.00E+00	0.00E+00	0.00E+00
2134	463401.2	3772351	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00	7.98E-07	0.00E+00	0.00E+00	0.00E+00
2135	463689.9	3772477	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.75E-07	0.00E+00	0.00E+00	0.00E+00
2136	463693.4	3772485	1.35E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00	8.88E-07	0.00E+00	0.00E+00	0.00E+00
2137	463700.4	3772502	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00	9.14E-07	0.00E+00	0.00E+00	0.00E+00
2138	463707.4	3772519	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.42E-07	0.00E+00	0.00E+00	0.00E+00
2139	463714.3	3772535	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	9.72E-07	0.00E+00	0.00E+00	0.00E+00
2140	463721.3	3772552	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00
2141	463728.3	3772569	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
2142	463735.3	3772586	1.63E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
2143	463742.2	3772602	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
2144	463749.2	3772619	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
2145	463756.2	3772636	1.80E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
2146	463763.2	3772653	1.87E-05	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
2147	463770.1	3772669	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
2148	463777.1	3772686	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
2149	463784.1	3772703	2.08E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
2150	463791.1	3772720	2.17E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
2151	463798.1	3772736	2.25E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
2152	463805	3772753	2.34E-05	0.00E+00	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
2153	463812	3772770	2.44E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
2154	463819	3772787	2.54E-05	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00
2155	463826	3772803	2.64E-05	0.00E+00	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
2156	463832.9	3772820	2.76E-05	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00
2157	463839.9	3772837	2.88E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
2158	463846.9	3772854	3.00E-05	0.00E+00	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00

2159	463853.9	3772870	3.14E-05	0.00E+00	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00
2160	463885.3	3772946	3.84E-05	0.00E+00	0.00E+00	0.00E+00	5.89E-06	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00
2161	463892.2	3772962	4.03E-05	0.00E+00	0.00E+00	0.00E+00	6.16E-06	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00
2162	463899.2	3772979	4.22E-05	0.00E+00	0.00E+00	0.00E+00	6.45E-06	0.00E+00	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
2163	463906.2	3772996	4.41E-05	0.00E+00	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00
2164	463913.2	3773013	4.62E-05	0.00E+00	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00
2165	463920.2	3773029	4.83E-05	0.00E+00	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	0.00E+00
2166	463927.1	3773046	5.05E-05	0.00E+00	0.00E+00	0.00E+00	7.73E-06	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00
2167	463934.1	3773063	5.28E-05	0.00E+00	0.00E+00	0.00E+00	8.08E-06	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00
2168	463941.1	3773080	5.51E-05	0.00E+00	0.00E+00	0.00E+00	8.43E-06	0.00E+00	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	0.00E+00
2169	463948.1	3773096	5.74E-05	0.00E+00	0.00E+00	0.00E+00	8.79E-06	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	0.00E+00
2170	463955	3773113	5.98E-05	0.00E+00	0.00E+00	0.00E+00	9.16E-06	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00
2171	463962	3773130	6.22E-05	0.00E+00	0.00E+00	0.00E+00	9.52E-06	0.00E+00	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00
2172	463290	3772265	1.09E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00	7.14E-07	0.00E+00	0.00E+00	0.00E+00
2173	463298.3	3772269	1.09E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00	7.17E-07	0.00E+00	0.00E+00	0.00E+00
2174	463315	3772276	1.10E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00	7.23E-07	0.00E+00	0.00E+00	0.00E+00
2175	463323.3	3772279	1.11E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00	7.25E-07	0.00E+00	0.00E+00	0.00E+00
2176	463340	3772286	1.11E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00	7.31E-07	0.00E+00	0.00E+00	0.00E+00
2177	463348.3	3772289	1.12E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00	7.33E-07	0.00E+00	0.00E+00	0.00E+00
2178	463356.6	3772293	1.12E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00	7.35E-07	0.00E+00	0.00E+00	0.00E+00
2179	463373.3	3772300	1.13E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00	7.40E-07	0.00E+00	0.00E+00	0.00E+00
2180	463381.6	3772303	1.13E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00	7.42E-07	0.00E+00	0.00E+00	0.00E+00
2181	463398.2	3772310	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00	7.46E-07	0.00E+00	0.00E+00	0.00E+00
2182	463406.6	3772313	1.14E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00	7.47E-07	0.00E+00	0.00E+00	0.00E+00
2183	463732	3772482	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	8.65E-07	0.00E+00	0.00E+00	0.00E+00
2184	463738.9	3772498	1.36E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00	8.90E-07	0.00E+00	0.00E+00	0.00E+00
2185	463745.8	3772515	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00	9.16E-07	0.00E+00	0.00E+00	0.00E+00
2186	463752.7	3772532	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.43E-07	0.00E+00	0.00E+00	0.00E+00
2187	463759.7	3772548	1.48E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	9.72E-07	0.00E+00	0.00E+00	0.00E+00
2188	463766.6	3772565	1.53E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00
2189	463773.5	3772581	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
2190	463780.4	3772598	1.63E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
2191	463787.4	3772615	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
2192	463794.3	3772631	1.74E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
2193	463801.2	3772648	1.80E-05	0.00E+00	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
2194	463808.1	3772665	1.86E-05	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
2195	463815.1	3772681	1.92E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
2196	463822	3772698	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
2197	463828.9	3772714	2.07E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
2198	463835.8	3772731	2.14E-05	0.00E+00	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
2199	463842.8	3772748	2.23E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
2200	463849.7	3772764	2.31E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
2201	463856.6	3772781	2.40E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
2202	463863.6	3772798	2.50E-05	0.00E+00	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
2203	463870.5	3772814	2.60E-05	0.00E+00	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00
2204	463877.4	3772831	2.71E-05	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00

2205	463884.3	3772847	2.82E-05	0.00E+00	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
2206	463891.3	3772864	2.94E-05	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
2207	463925.9	3772947	3.64E-05	0.00E+00	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	0.00E+00
2208	463932.8	3772964	3.80E-05	0.00E+00	0.00E+00	0.00E+00	5.82E-06	0.00E+00	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00
2209	463939.7	3772980	3.97E-05	0.00E+00	0.00E+00	0.00E+00	6.08E-06	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00
2210	463946.7	3772997	4.15E-05	0.00E+00	0.00E+00	0.00E+00	6.35E-06	0.00E+00	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00
2211	463953.6	3773014	4.33E-05	0.00E+00	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00
2212	463960.5	3773030	4.52E-05	0.00E+00	0.00E+00	0.00E+00	6.92E-06	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00
2213	463967.4	3773047	4.71E-05	0.00E+00	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00
2214	463974.4	3773064	4.91E-05	0.00E+00	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00
2215	463981.3	3773080	5.12E-05	0.00E+00	0.00E+00	0.00E+00	7.83E-06	0.00E+00	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	0.00E+00
2216	463988.2	3773097	5.33E-05	0.00E+00	0.00E+00	0.00E+00	8.15E-06	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00
2217	463995.1	3773113	5.53E-05	0.00E+00	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00
2218	464002.1	3773130	5.74E-05	0.00E+00	0.00E+00	0.00E+00	8.79E-06	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	0.00E+00
2219	462198.7	3773225	1.84E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
2220	462198.8	3773235	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
2221	462198.9	3773245	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
2222	462158.7	3773225	1.67E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
2223	462158.8	3773235	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
2224	462158.9	3773245	1.66E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
2225	462900.6	3773281	2.24E-03	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00
2226	462900.6	3773291	1.90E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00
2227	462892.2	3773287	1.67E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00
2228	462883.1	3773283	1.48E-03	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-05	0.00E+00	0.00E+00	0.00E+00
2229	462900.6	3773301	1.65E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00
2230	462892.2	3773297	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	9.55E-05	0.00E+00	0.00E+00	0.00E+00
2231	462883.7	3773294	1.29E-03	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	8.48E-05	0.00E+00	0.00E+00	0.00E+00
2232	462875.5	3773288	1.19E-03	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-05	0.00E+00	0.00E+00	0.00E+00
2233	462871.9	3773280	1.22E-03	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-05	0.00E+00	0.00E+00	0.00E+00
2234	462909.1	3773314	1.61E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00
2235	462900.6	3773311	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	9.47E-05	0.00E+00	0.00E+00	0.00E+00
2236	462892.2	3773307	1.29E-03	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	8.46E-05	0.00E+00	0.00E+00	0.00E+00
2237	462883.7	3773304	1.15E-03	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05	0.00E+00	0.00E+00	0.00E+00
2238	462875.3	3773300	1.03E-03	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-05	0.00E+00	0.00E+00	0.00E+00
2239	462867.9	3773294	9.75E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	6.40E-05	0.00E+00	0.00E+00	0.00E+00
2240	462864.3	3773285	9.97E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-05	0.00E+00	0.00E+00	0.00E+00
2241	462909.1	3773324	1.41E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	0.00E+00
2242	462900.6	3773321	1.27E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	8.35E-05	0.00E+00	0.00E+00	0.00E+00
2243	462892.2	3773317	1.15E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	7.54E-05	0.00E+00	0.00E+00	0.00E+00
2244	462883.7	3773314	1.04E-03	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05	0.00E+00	0.00E+00	0.00E+00
2245	462875.3	3773310	9.34E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00
2246	462866.8	3773307	8.44E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	5.54E-05	0.00E+00	0.00E+00	0.00E+00
2247	462860.2	3773300	8.16E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	0.00E+00
2248	462856.1	3773290	8.36E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	5.48E-05	0.00E+00	0.00E+00	0.00E+00
2249	462908.8	3773334	1.22E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	0.00E+00
2250	462900.2	3773331	1.12E-03	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-05	0.00E+00	0.00E+00	0.00E+00

2251	462891.6	3773327	1.02E-03	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	6.68E-05	0.00E+00	0.00E+00	0.00E+00
2252	462882.9	3773324	9.25E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	6.07E-05	0.00E+00	0.00E+00	0.00E+00
2253	462874.3	3773320	8.37E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	5.49E-05	0.00E+00	0.00E+00	0.00E+00
2254	462865.6	3773316	7.57E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.97E-05	0.00E+00	0.00E+00	0.00E+00
2255	462857	3773313	6.88E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	0.00E+00
2256	462908.9	3773344	1.07E-03	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	7.01E-05	0.00E+00	0.00E+00	0.00E+00
2257	462900.2	3773341	9.84E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	6.46E-05	0.00E+00	0.00E+00	0.00E+00
2258	462891.6	3773337	9.05E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.94E-05	0.00E+00	0.00E+00	0.00E+00
2259	462883	3773334	8.31E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05	0.00E+00	0.00E+00	0.00E+00
2260	462874.4	3773330	7.59E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00
2261	462865.8	3773327	6.91E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	0.00E+00
2262	462857.1	3773323	6.31E-04	0.00E+00	0.00E+00	0.00E+00	9.65E-05	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00
2263	462908.9	3773364	8.41E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-05	0.00E+00	0.00E+00	0.00E+00
2264	462900.3	3773361	7.82E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	5.14E-05	0.00E+00	0.00E+00	0.00E+00
2265	462891.7	3773357	7.26E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	0.00E+00
2266	462883.1	3773354	6.74E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00
2267	462874.5	3773350	6.25E-04	0.00E+00	0.00E+00	0.00E+00	9.57E-05	0.00E+00	0.00E+00	0.00E+00	4.10E-05	0.00E+00	0.00E+00	0.00E+00
2268	462865.9	3773347	5.79E-04	0.00E+00	0.00E+00	0.00E+00	8.86E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00
2269	462857.4	3773343	5.35E-04	0.00E+00	0.00E+00	0.00E+00	8.20E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00
2270	462908.9	3773384	6.82E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00
2271	462900.3	3773381	6.41E-04	0.00E+00	0.00E+00	0.00E+00	9.81E-05	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00
2272	462891.8	3773377	6.01E-04	0.00E+00	0.00E+00	0.00E+00	9.20E-05	0.00E+00	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00
2273	462883.2	3773374	5.62E-04	0.00E+00	0.00E+00	0.00E+00	8.61E-05	0.00E+00	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00
2274	462874.6	3773370	5.25E-04	0.00E+00	0.00E+00	0.00E+00	8.03E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	0.00E+00
2275	462866.1	3773367	4.89E-04	0.00E+00	0.00E+00	0.00E+00	7.49E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	0.00E+00
2276	462857.5	3773363	4.57E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00
2277	462883.3	3773394	4.72E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-05	0.00E+00	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	0.00E+00
2278	462874.7	3773390	4.45E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00
2279	462866.2	3773387	4.17E-04	0.00E+00	0.00E+00	0.00E+00	6.38E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00
2280	462857.6	3773383	3.91E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00
2281	462874.3	3773410	3.76E-04	0.00E+00	0.00E+00	0.00E+00	5.76E-05	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00
2282	462865.6	3773406	3.56E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00
2283	462857	3773403	3.37E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00
2284	462865.8	3773427	3.07E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00
2285	462857.1	3773423	2.93E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00
2286	462900.3	3773461	3.18E-04	0.00E+00	0.00E+00	0.00E+00	4.86E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00
2287	462891.7	3773457	3.04E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00
2288	462883.1	3773454	2.91E-04	0.00E+00	0.00E+00	0.00E+00	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00
2289	462874.5	3773450	2.79E-04	0.00E+00	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00
2290	462865.9	3773447	2.67E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00
2291	462857.3	3773443	2.55E-04	0.00E+00	0.00E+00	0.00E+00	3.91E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00
2292	462392.9	3773286	3.16E-05	0.00E+00	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00
2293	462394.9	3773362	3.02E-05	0.00E+00	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00
2294	462391.3	3773354	3.00E-05	0.00E+00	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
2295	462387.7	3773345	2.99E-05	0.00E+00	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00
2296	462384	3773337	2.98E-05	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00

2297	462380.4	3773328	2.96E-05	0.00E+00	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
2298	462376.8	3773320	2.94E-05	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
2299	462373.1	3773311	2.92E-05	0.00E+00	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00
2300	462369.5	3773302	2.90E-05	0.00E+00	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00
2301	462365.9	3773294	2.88E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
2302	462362.2	3773285	2.86E-05	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
2303	462396.6	3773438	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
2304	462392.9	3773429	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
2305	462389.3	3773420	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
2306	462385.6	3773412	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
2307	462382	3773403	2.78E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
2308	462378.4	3773395	2.77E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
2309	462374.7	3773386	2.77E-05	0.00E+00	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
2310	462371.1	3773377	2.76E-05	0.00E+00	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00
2311	462367.4	3773369	2.75E-05	0.00E+00	0.00E+00	0.00E+00	4.21E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
2312	462363.8	3773360	2.74E-05	0.00E+00	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
2313	462360.2	3773352	2.72E-05	0.00E+00	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00
2314	462356.5	3773343	2.71E-05	0.00E+00	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
2315	462352.9	3773334	2.70E-05	0.00E+00	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
2316	462349.3	3773326	2.69E-05	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
2317	462345.6	3773317	2.67E-05	0.00E+00	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00
2318	462342	3773308	2.65E-05	0.00E+00	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
2319	462338.3	3773300	2.63E-05	0.00E+00	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00
2320	462334.7	3773291	2.61E-05	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00
2321	462331.1	3773283	2.59E-05	0.00E+00	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00
2322	462366.1	3773461	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
2323	462362.5	3773452	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
2324	462358.9	3773443	2.48E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00
2325	462355.2	3773435	2.48E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00
2326	462351.6	3773426	2.48E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00
2327	462348	3773418	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
2328	462344.3	3773409	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
2329	462340.7	3773400	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
2330	462337.1	3773392	2.46E-05	0.00E+00	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
2331	462333.4	3773383	2.46E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
2332	462329.8	3773375	2.45E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
2333	462326.2	3773366	2.44E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
2334	462322.5	3773357	2.42E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
2335	462318.9	3773349	2.41E-05	0.00E+00	0.00E+00	0.00E+00	3.69E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
2336	462315.3	3773340	2.40E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
2337	462311.6	3773332	2.39E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
2338	462308	3773323	2.38E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	0.00E+00
2339	462304.4	3773314	2.36E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
2340	462300.7	3773306	2.34E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
2341	462297.1	3773297	2.33E-05	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
2342	462293.5	3773289	2.31E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00

2343	462289.8	3773280	2.29E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
2344	462323.8	3773456	2.23E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
2345	462320.2	3773447	2.23E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
2346	462316.6	3773438	2.23E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
2347	462312.9	3773430	2.23E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
2348	462309.3	3773421	2.22E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
2349	462305.7	3773413	2.22E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
2350	462302	3773404	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
2351	462298.4	3773395	2.21E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
2352	462294.7	3773387	2.20E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00
2353	462291.1	3773378	2.19E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00
2354	462287.5	3773370	2.18E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
2355	462283.8	3773361	2.17E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
2356	462280.2	3773352	2.16E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
2357	462276.5	3773344	2.15E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
2358	462272.9	3773335	2.14E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	0.00E+00
2359	462269.3	3773326	2.12E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
2360	462265.6	3773318	2.11E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
2361	462262	3773309	2.10E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	0.00E+00
2362	462258.3	3773301	2.09E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
2363	462254.7	3773292	2.07E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
2364	462251.1	3773283	2.06E-05	0.00E+00	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
2365	462286.2	3773462	2.02E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
2366	462282.5	3773453	2.02E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
2367	462278.9	3773444	2.02E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
2368	462275.3	3773436	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
2369	462271.6	3773427	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
2370	462268	3773418	2.01E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00
2371	462264.4	3773410	2.00E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
2372	462260.7	3773401	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
2373	462257.1	3773393	1.99E-05	0.00E+00	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
2374	462253.5	3773384	1.98E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
2375	462249.8	3773375	1.97E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
2376	462246.2	3773367	1.96E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
2377	462242.6	3773358	1.96E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
2378	462238.9	3773350	1.95E-05	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
2379	462235.3	3773341	1.94E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00
2380	462231.6	3773332	1.92E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
2381	462243.9	3773456	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
2382	462240.2	3773448	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
2383	462236.6	3773439	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
2384	462232.9	3773431	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
2385	462229.3	3773422	1.83E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
2386	462185.6	3773319	1.73E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
2387	462182	3773310	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
2388	462178.4	3773301	1.72E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00

2389	462174.7	3773293	1.71E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00
2390	462171.1	3773284	1.70E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
2391	462167.4	3773275	1.68E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
2392	462144.4	3773316	1.58E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
2393	462140.8	3773307	1.57E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
2394	462137.1	3773299	1.56E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
2395	462133.5	3773290	1.56E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
2396	462129.9	3773282	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
2397	462917.5	3774088	2.86E-05	0.00E+00	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00
2398	462908.8	3774084	2.83E-05	0.00E+00	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00
2399	462900.2	3774081	2.80E-05	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00
2400	462917.5	3774128	2.64E-05	0.00E+00	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
2401	462908.8	3774124	2.62E-05	0.00E+00	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00
2402	462900.2	3774121	2.59E-05	0.00E+00	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00
2403	462891.5	3774117	2.57E-05	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00
2404	462882.9	3774114	2.54E-05	0.00E+00	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
2405	462874.3	3774110	2.52E-05	0.00E+00	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00
2406	462865.6	3774106	2.50E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
2407	462857	3774103	2.47E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
2408	462848.3	3774099	2.45E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
2409	462839.7	3774096	2.43E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00
2410	462831	3774092	2.40E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
2411	462822.4	3774089	2.38E-05	0.00E+00	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	0.00E+00
2412	462908.8	3774164	2.43E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
2413	462900.2	3774161	2.41E-05	0.00E+00	0.00E+00	0.00E+00	3.69E-06	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
2414	462891.5	3774157	2.39E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
2415	462882.9	3774154	2.37E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
2416	462874.2	3774150	2.35E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
2417	462865.6	3774146	2.33E-05	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
2418	462856.9	3774143	2.30E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00
2419	462848.2	3774139	2.28E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
2420	462839.6	3774136	2.26E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
2421	462830.9	3774132	2.24E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
2422	462822.3	3774129	2.22E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
2423	462929.8	3774088	2.92E-05	0.00E+00	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00
2424	462939.1	3774088	2.98E-05	0.00E+00	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
2425	462948.5	3774088	3.04E-05	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
2426	462957.8	3774088	3.09E-05	0.00E+00	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00
2427	462967.1	3774088	3.15E-05	0.00E+00	0.00E+00	0.00E+00	4.83E-06	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00
2428	462976.4	3774088	3.21E-05	0.00E+00	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00
2429	462985.8	3774088	3.27E-05	0.00E+00	0.00E+00	0.00E+00	5.01E-06	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00
2430	462995.1	3774088	3.33E-05	0.00E+00	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
2431	462929.8	3774128	2.70E-05	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
2432	462939.1	3774128	2.75E-05	0.00E+00	0.00E+00	0.00E+00	4.21E-06	0.00E+00	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00
2433	462948.5	3774128	2.80E-05	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00
2434	462957.8	3774128	2.85E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00

2435	462967.1	3774128	2.90E-05	0.00E+00	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00
2436	462976.4	3774128	2.95E-05	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
2437	462985.8	3774128	3.01E-05	0.00E+00	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00
2438	462995.1	3774128	3.06E-05	0.00E+00	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
2439	463004.4	3774128	3.11E-05	0.00E+00	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00

	Max Yr	**1**	T2	T2L3	T4F
	Row	**18**	1.67E-01	2.56E-02	1.10E-02
		Col	**3**	**4**	**5**
		Adjustment	**100%**	**15%**	**7%**
			Year 1	Year 1	Year 1
1	463043.4	3773291	5.71E-02	8.73E-03	3.74E-03
2	463054.6	3773282	6.05E-02	9.26E-03	3.97E-03
3	463050.8	3773297	4.81E-02	7.36E-03	3.16E-03
4	463062.2	3773289	5.08E-02	7.78E-03	3.34E-03
5	463059	3773303	4.12E-02	6.30E-03	2.70E-03
6	463046.8	3773309	3.95E-02	6.05E-03	2.59E-03
7	463069.8	3773295	4.33E-02	6.63E-03	2.84E-03
8	463066.4	3773310	3.56E-02	5.45E-03	2.33E-03
9	463054	3773316	3.41E-02	5.23E-03	2.24E-03
10	463041.6	3773321	3.15E-02	4.82E-03	2.06E-03
11	463077.3	3773302	3.73E-02	5.72E-03	2.45E-03
12	463073.8	3773317	3.10E-02	4.74E-03	2.03E-03
13	463061.2	3773322	2.98E-02	4.56E-03	1.95E-03
14	463048.6	3773328	2.76E-02	4.22E-03	1.81E-03
15	463084.9	3773308	3.25E-02	4.98E-03	2.13E-03
16	463088.8	3773330	2.41E-02	3.69E-03	1.58E-03
17	463075.8	3773336	2.33E-02	3.57E-03	1.53E-03
18	463062.8	3773342	2.19E-02	3.35E-03	1.43E-03
19	463049.9	3773348	1.99E-02	3.04E-03	1.31E-03
20	463100.1	3773321	2.52E-02	3.86E-03	1.66E-03
21	463103.8	3773343	1.93E-02	2.96E-03	1.27E-03
22	463090.6	3773349	1.88E-02	2.87E-03	1.23E-03
23	463077.3	3773355	1.77E-02	2.71E-03	1.16E-03
24	463064.1	3773361	1.63E-02	2.49E-03	1.07E-03
25	463050.8	3773367	1.45E-02	2.23E-03	9.54E-04
26	463115.2	3773334	2.01E-02	3.08E-03	1.32E-03
27	463119.2	3773356	1.58E-02	2.42E-03	1.04E-03
28	463106.5	3773362	1.54E-02	2.36E-03	1.01E-03
29	463093.7	3773367	1.47E-02	2.25E-03	9.63E-04
30	463081	3773373	1.37E-02	2.10E-03	8.99E-04
31	463068.2	3773379	1.25E-02	1.92E-03	8.21E-04
32	463055.4	3773385	1.12E-02	1.72E-03	7.36E-04
33	463042.7	3773391	9.90E-03	1.52E-03	6.50E-04
34	463130.4	3773347	1.64E-02	2.52E-03	1.08E-03
35	463134.3	3773369	1.31E-02	2.01E-03	8.61E-04
36	463121.3	3773375	1.28E-02	1.96E-03	8.39E-04
37	463108.3	3773381	1.22E-02	1.87E-03	8.03E-04
38	463095.3	3773387	1.15E-02	1.76E-03	7.54E-04
39	463082.3	3773393	1.06E-02	1.63E-03	6.97E-04
40	463069.3	3773399	9.66E-03	1.48E-03	6.34E-04
41	463056.4	3773405	8.64E-03	1.32E-03	5.67E-04
42	463043.4	3773411	7.63E-03	1.17E-03	5.01E-04
43	463145.5	3773360	1.36E-02	2.09E-03	8.95E-04
44	463149.3	3773382	1.10E-02	1.69E-03	7.25E-04
45	463136.1	3773388	1.08E-02	1.65E-03	7.07E-04
46	463123	3773394	1.04E-02	1.59E-03	6.80E-04

47	463109.8	3773400	9.82E-03	1.50E-03	6.44E-04
48	463096.6	3773406	9.15E-03	1.40E-03	6.00E-04
49	463083.4	3773412	8.40E-03	1.29E-03	5.51E-04
50	463070.3	3773418	7.59E-03	1.16E-03	4.98E-04
51	463057.1	3773424	6.76E-03	1.03E-03	4.43E-04
52	463043.9	3773430	5.95E-03	9.10E-04	3.90E-04
53	463160.6	3773373	1.15E-02	1.75E-03	7.52E-04
54	463164.6	3773395	9.43E-03	1.44E-03	6.19E-04
55	463151.8	3773401	9.25E-03	1.42E-03	6.07E-04
56	463139	3773407	8.95E-03	1.37E-03	5.87E-04
57	463126.2	3773413	8.54E-03	1.31E-03	5.61E-04
58	463113.4	3773418	8.04E-03	1.23E-03	5.28E-04
59	463100.5	3773424	7.46E-03	1.14E-03	4.90E-04
60	463087.7	3773430	6.83E-03	1.05E-03	4.48E-04
61	463074.9	3773436	6.19E-03	9.47E-04	4.06E-04
62	463062.1	3773442	5.55E-03	8.49E-04	3.64E-04
63	463049.3	3773448	4.93E-03	7.55E-04	3.24E-04
64	463175.8	3773387	9.75E-03	1.49E-03	6.40E-04
65	463179.7	3773408	8.15E-03	1.25E-03	5.35E-04
66	463166.7	3773414	8.00E-03	1.22E-03	5.25E-04
67	463153.7	3773420	7.75E-03	1.19E-03	5.09E-04
68	463140.7	3773426	7.41E-03	1.13E-03	4.86E-04
69	463127.8	3773432	7.00E-03	1.07E-03	4.59E-04
70	463114.8	3773438	6.53E-03	9.99E-04	4.28E-04
71	463101.8	3773444	6.02E-03	9.22E-04	3.95E-04
72	463088.8	3773450	5.51E-03	8.43E-04	3.61E-04
73	463075.8	3773456	4.99E-03	7.64E-04	3.28E-04
74	463190.9	3773400	8.41E-03	1.29E-03	5.52E-04
75	463194.8	3773421	7.10E-03	1.09E-03	4.66E-04
76	463181.6	3773427	6.96E-03	1.07E-03	4.57E-04
77	463168.5	3773433	6.75E-03	1.03E-03	4.43E-04
78	463155.4	3773439	6.47E-03	9.91E-04	4.25E-04
79	463142.3	3773445	6.14E-03	9.39E-04	4.03E-04
80	463129.1	3773451	5.77E-03	8.83E-04	3.78E-04
81	463116	3773457	5.37E-03	8.22E-04	3.52E-04
82	463206.1	3773413	7.32E-03	1.12E-03	4.81E-04
83	463209.8	3773434	6.22E-03	9.52E-04	4.08E-04
84	463196.6	3773440	6.10E-03	9.34E-04	4.00E-04
85	463183.3	3773446	5.93E-03	9.07E-04	3.89E-04
86	463170.1	3773452	5.71E-03	8.74E-04	3.75E-04
87	463156.8	3773459	5.45E-03	8.34E-04	3.57E-04
88	463221.2	3773426	6.41E-03	9.82E-04	4.21E-04
89	463225.1	3773447	5.49E-03	8.40E-04	3.60E-04
90	463212.1	3773453	5.40E-03	8.27E-04	3.55E-04
91	463199.2	3773459	5.27E-03	8.07E-04	3.46E-04
92	463236.4	3773439	5.65E-03	8.66E-04	3.71E-04
93	463259.1	3773458	4.75E-03	7.27E-04	3.12E-04
94	463037.2	3773873	3.32E-04	5.08E-05	2.18E-05
95	463129.9	3773871	4.19E-04	6.42E-05	2.75E-05
96	463116.7	3773877	3.98E-04	6.09E-05	2.61E-05
97	463103.5	3773883	3.78E-04	5.78E-05	2.48E-05
98	463090.3	3773889	3.58E-04	5.49E-05	2.35E-05

99	463077	3773895	3.40E-04	5.21E-05	2.23E-05
100	463063.8	3773901	3.23E-04	4.95E-05	2.12E-05
101	463050.6	3773907	3.07E-04	4.70E-05	2.01E-05
102	463037.4	3773913	2.92E-04	4.46E-05	1.91E-05
103	463214.6	3773872	4.93E-04	7.55E-05	3.24E-05
104	463201.5	3773878	4.71E-04	7.20E-05	3.09E-05
105	463188.4	3773884	4.49E-04	6.87E-05	2.94E-05
106	463175.2	3773890	4.27E-04	6.54E-05	2.80E-05
107	463162.1	3773896	4.07E-04	6.23E-05	2.67E-05
108	463149	3773902	3.88E-04	5.95E-05	2.55E-05
109	463135.8	3773908	3.70E-04	5.67E-05	2.43E-05
110	463122.7	3773914	3.53E-04	5.40E-05	2.32E-05
111	463109.5	3773920	3.37E-04	5.15E-05	2.21E-05
112	463096.4	3773926	3.21E-04	4.91E-05	2.10E-05
113	463083.3	3773932	3.05E-04	4.68E-05	2.00E-05
114	463070.1	3773938	2.91E-04	4.45E-05	1.91E-05
115	463057	3773944	2.77E-04	4.24E-05	1.82E-05
116	463043.8	3773950	2.64E-04	4.04E-05	1.73E-05
117	463308.7	3773869	5.76E-04	8.83E-05	3.78E-05
118	463295.5	3773875	5.53E-04	8.46E-05	3.63E-05
119	463282.3	3773881	5.31E-04	8.12E-05	3.48E-05
120	463269.1	3773887	5.09E-04	7.79E-05	3.34E-05
121	463255.8	3773893	4.88E-04	7.47E-05	3.20E-05
122	463242.6	3773899	4.67E-04	7.15E-05	3.07E-05
123	463229.4	3773905	4.47E-04	6.84E-05	2.93E-05
124	463216.1	3773911	4.27E-04	6.54E-05	2.80E-05
125	463202.9	3773917	4.08E-04	6.25E-05	2.68E-05
126	463189.7	3773924	3.90E-04	5.97E-05	2.56E-05
127	463176.4	3773930	3.73E-04	5.71E-05	2.45E-05
128	463163.2	3773936	3.56E-04	5.45E-05	2.34E-05
129	463150	3773942	3.40E-04	5.20E-05	2.23E-05
130	463136.7	3773948	3.25E-04	4.97E-05	2.13E-05
131	463123.5	3773954	3.10E-04	4.74E-05	2.03E-05
132	463110.3	3773960	2.96E-04	4.53E-05	1.94E-05
133	463097	3773966	2.83E-04	4.33E-05	1.86E-05
134	463083.8	3773972	2.70E-04	4.14E-05	1.77E-05
135	463070.6	3773978	2.58E-04	3.95E-05	1.69E-05
136	463057.4	3773984	2.47E-04	3.78E-05	1.62E-05
137	463044.1	3773990	2.36E-04	3.61E-05	1.55E-05
138	463393	3773870	6.28E-04	9.61E-05	4.12E-05
139	463379.8	3773876	6.07E-04	9.29E-05	3.98E-05
140	463366.6	3773882	5.86E-04	8.97E-05	3.85E-05
141	463353.4	3773888	5.65E-04	8.65E-05	3.71E-05
142	463340.3	3773895	5.45E-04	8.34E-05	3.57E-05
143	463327.1	3773901	5.24E-04	8.03E-05	3.44E-05
144	463313.9	3773907	5.04E-04	7.72E-05	3.31E-05
145	463300.8	3773913	4.84E-04	7.42E-05	3.18E-05
146	463287.6	3773919	4.65E-04	7.12E-05	3.05E-05
147	463274.4	3773925	4.47E-04	6.84E-05	2.93E-05
148	463261.3	3773931	4.29E-04	6.56E-05	2.81E-05
149	463248.1	3773937	4.12E-04	6.30E-05	2.70E-05
150	463234.9	3773943	3.95E-04	6.05E-05	2.59E-05

151	463221.7	3773949	3.79E-04	5.80E-05	2.49E-05
152	463208.6	3773955	3.63E-04	5.56E-05	2.38E-05
153	463195.4	3773961	3.47E-04	5.32E-05	2.28E-05
154	463182.2	3773967	3.33E-04	5.09E-05	2.18E-05
155	463169.1	3773973	3.19E-04	4.88E-05	2.09E-05
156	463155.9	3773979	3.05E-04	4.68E-05	2.00E-05
157	463142.7	3773985	2.93E-04	4.48E-05	1.92E-05
158	463129.5	3773991	2.80E-04	4.29E-05	1.84E-05
159	463116.4	3773997	2.68E-04	4.11E-05	1.76E-05
160	463103.2	3774003	2.57E-04	3.93E-05	1.69E-05
161	463090	3774009	2.46E-04	3.76E-05	1.61E-05
162	463076.9	3774015	2.35E-04	3.60E-05	1.54E-05
163	463063.7	3774021	2.25E-04	3.45E-05	1.48E-05
164	463050.5	3774027	2.16E-04	3.31E-05	1.42E-05
165	463408.6	3773903	5.65E-04	8.65E-05	3.71E-05
166	463395.4	3773909	5.47E-04	8.37E-05	3.59E-05
167	463382.1	3773915	5.29E-04	8.10E-05	3.47E-05
168	463368.9	3773921	5.11E-04	7.83E-05	3.36E-05
169	463355.6	3773927	4.94E-04	7.56E-05	3.24E-05
170	463342.4	3773934	4.76E-04	7.28E-05	3.12E-05
171	463329.1	3773940	4.58E-04	7.01E-05	3.01E-05
172	463315.9	3773946	4.41E-04	6.75E-05	2.89E-05
173	463302.6	3773952	4.24E-04	6.49E-05	2.78E-05
174	463289.4	3773958	4.08E-04	6.25E-05	2.68E-05
175	463276.1	3773964	3.92E-04	6.00E-05	2.57E-05
176	463262.9	3773970	3.77E-04	5.77E-05	2.47E-05
177	463249.6	3773976	3.62E-04	5.54E-05	2.37E-05
178	463236.4	3773982	3.47E-04	5.32E-05	2.28E-05
179	463223.1	3773988	3.34E-04	5.11E-05	2.19E-05
180	463209.8	3773994	3.21E-04	4.91E-05	2.10E-05
181	463196.6	3774000	3.08E-04	4.71E-05	2.02E-05
182	463183.3	3774006	2.96E-04	4.53E-05	1.94E-05
183	463170.1	3774012	2.84E-04	4.35E-05	1.86E-05
184	463156.8	3774019	2.73E-04	4.17E-05	1.79E-05
185	463143.6	3774025	2.61E-04	4.00E-05	1.71E-05
186	463130.3	3774031	2.51E-04	3.83E-05	1.64E-05
187	463117.1	3774037	2.40E-04	3.68E-05	1.58E-05
188	463400.3	3773947	4.83E-04	7.40E-05	3.17E-05
189	463387.1	3773953	4.67E-04	7.15E-05	3.07E-05
190	463373.9	3773959	4.52E-04	6.92E-05	2.97E-05
191	463360.7	3773965	4.37E-04	6.68E-05	2.87E-05
192	463347.5	3773971	4.22E-04	6.45E-05	2.77E-05
193	463334.3	3773977	4.07E-04	6.23E-05	2.67E-05
194	463321.1	3773983	3.92E-04	6.00E-05	2.57E-05
195	463308	3773989	3.77E-04	5.78E-05	2.48E-05
196	463294.8	3773995	3.63E-04	5.56E-05	2.39E-05
197	463281.6	3774001	3.50E-04	5.36E-05	2.30E-05
198	463268.4	3774007	3.37E-04	5.17E-05	2.21E-05
199	463255.2	3774014	3.25E-04	4.98E-05	2.13E-05
200	463242	3774020	3.13E-04	4.79E-05	2.05E-05
201	463228.8	3774026	3.01E-04	4.61E-05	1.98E-05
202	463215.6	3774032	2.90E-04	4.43E-05	1.90E-05

203	463202.4	3774038	2.78E-04	4.26E-05	1.83E-05
204	463096.8	3774086	2.04E-04	3.12E-05	1.34E-05
205	463083.6	3774092	1.96E-04	3.00E-05	1.29E-05
206	463070.4	3774098	1.89E-04	2.89E-05	1.24E-05
207	463057.2	3774104	1.82E-04	2.78E-05	1.19E-05
208	463044	3774110	1.75E-04	2.67E-05	1.15E-05
209	463510.5	3773937	5.41E-04	8.28E-05	3.55E-05
210	463497.4	3773943	5.28E-04	8.08E-05	3.46E-05
211	463484.2	3773949	5.15E-04	7.88E-05	3.38E-05
212	463471.1	3773955	5.01E-04	7.66E-05	3.29E-05
213	463458	3773961	4.86E-04	7.44E-05	3.19E-05
214	463444.8	3773967	4.72E-04	7.22E-05	3.10E-05
215	463405.4	3773985	4.31E-04	6.59E-05	2.83E-05
216	463392.2	3773991	4.17E-04	6.38E-05	2.74E-05
217	463379.1	3773997	4.03E-04	6.17E-05	2.65E-05
218	463365.9	3774003	3.90E-04	5.97E-05	2.56E-05
219	463352.8	3774009	3.77E-04	5.76E-05	2.47E-05
220	463339.6	3774015	3.64E-04	5.57E-05	2.39E-05
221	463326.5	3774021	3.51E-04	5.37E-05	2.30E-05
222	463313.4	3774027	3.39E-04	5.19E-05	2.22E-05
223	463300.2	3774033	3.27E-04	5.00E-05	2.14E-05
224	463287.1	3774039	3.15E-04	4.83E-05	2.07E-05
225	463195	3774081	2.45E-04	3.75E-05	1.61E-05
226	463181.9	3774087	2.36E-04	3.61E-05	1.55E-05
227	463168.7	3774093	2.27E-04	3.48E-05	1.49E-05
228	463155.6	3774099	2.19E-04	3.35E-05	1.44E-05
229	463142.5	3774105	2.11E-04	3.23E-05	1.38E-05
230	463129.3	3774111	2.03E-04	3.11E-05	1.33E-05
231	463116.2	3774117	1.96E-04	3.00E-05	1.29E-05
232	463103	3774123	1.89E-04	2.89E-05	1.24E-05
233	463089.9	3774129	1.82E-04	2.78E-05	1.19E-05
234	463076.7	3774135	1.75E-04	2.68E-05	1.15E-05
235	463063.6	3774141	1.69E-04	2.59E-05	1.11E-05
236	463050.4	3774147	1.63E-04	2.49E-05	1.07E-05
237	463037.3	3774153	1.57E-04	2.41E-05	1.03E-05
238	463605.9	3773933	5.61E-04	8.58E-05	3.68E-05
239	463592.7	3773939	5.51E-04	8.43E-05	3.61E-05
240	463579.4	3773945	5.40E-04	8.27E-05	3.54E-05
241	463566.2	3773951	5.29E-04	8.10E-05	3.47E-05
242	463553	3773957	5.18E-04	7.93E-05	3.40E-05
243	463539.8	3773963	5.07E-04	7.76E-05	3.32E-05
244	463526.6	3773969	4.95E-04	7.57E-05	3.25E-05
245	463513.3	3773975	4.82E-04	7.38E-05	3.17E-05
246	463500.1	3773981	4.70E-04	7.19E-05	3.08E-05
247	463486.9	3773987	4.57E-04	7.00E-05	3.00E-05
248	463473.7	3773993	4.45E-04	6.82E-05	2.92E-05
249	463460.5	3773999	4.33E-04	6.63E-05	2.84E-05
250	463447.2	3774006	4.21E-04	6.44E-05	2.76E-05
251	463394.4	3774030	3.71E-04	5.68E-05	2.43E-05
252	463381.2	3774036	3.59E-04	5.50E-05	2.36E-05
253	463275.4	3774084	2.74E-04	4.19E-05	1.80E-05
254	463262.2	3774090	2.64E-04	4.04E-05	1.73E-05

255	463249	3774096	2.55E-04	3.90E-05	1.67E-05
256	463235.8	3774102	2.46E-04	3.77E-05	1.61E-05
257	463222.5	3774108	2.38E-04	3.64E-05	1.56E-05
258	463209.3	3774115	2.29E-04	3.51E-05	1.51E-05
259	463196.1	3774121	2.22E-04	3.39E-05	1.45E-05
260	463182.9	3774127	2.14E-04	3.28E-05	1.40E-05
261	463169.7	3774133	2.07E-04	3.16E-05	1.36E-05
262	463156.4	3774139	2.00E-04	3.05E-05	1.31E-05
263	463143.2	3774145	1.92E-04	2.95E-05	1.26E-05
264	463130	3774151	1.86E-04	2.84E-05	1.22E-05
265	463116.8	3774157	1.79E-04	2.74E-05	1.18E-05
266	463103.6	3774163	1.73E-04	2.65E-05	1.14E-05
267	463090.3	3774169	1.67E-04	2.56E-05	1.10E-05
268	463077.1	3774175	1.61E-04	2.47E-05	1.06E-05
269	463063.9	3774181	1.56E-04	2.38E-05	1.02E-05
270	463050.7	3774187	1.50E-04	2.30E-05	9.86E-06
271	463037.5	3774193	1.45E-04	2.22E-05	9.52E-06
272	463689.3	3773935	5.52E-04	8.45E-05	3.62E-05
273	463676.1	3773941	5.46E-04	8.36E-05	3.58E-05
274	463663	3773947	5.39E-04	8.25E-05	3.54E-05
275	463649.8	3773953	5.32E-04	8.14E-05	3.49E-05
276	463636.6	3773959	5.24E-04	8.02E-05	3.44E-05
277	463623.4	3773965	5.16E-04	7.89E-05	3.38E-05
278	463610.3	3773971	5.07E-04	7.75E-05	3.32E-05
279	463597.1	3773977	4.97E-04	7.61E-05	3.26E-05
280	463583.9	3773983	4.87E-04	7.45E-05	3.20E-05
281	463570.8	3773989	4.77E-04	7.30E-05	3.13E-05
282	463557.6	3773995	4.67E-04	7.15E-05	3.06E-05
283	463544.4	3774001	4.56E-04	6.98E-05	2.99E-05
284	463531.3	3774007	4.45E-04	6.81E-05	2.92E-05
285	463518.1	3774013	4.34E-04	6.64E-05	2.85E-05
286	463504.9	3774019	4.23E-04	6.47E-05	2.78E-05
287	463491.7	3774025	4.12E-04	6.30E-05	2.70E-05
288	463478.6	3774031	4.00E-04	6.13E-05	2.63E-05
289	463465.4	3774037	3.89E-04	5.96E-05	2.55E-05
290	463452.2	3774043	3.78E-04	5.79E-05	2.48E-05
291	463360	3774085	3.04E-04	4.65E-05	1.99E-05
292	463346.9	3774092	2.94E-04	4.50E-05	1.93E-05
293	463333.7	3774098	2.85E-04	4.36E-05	1.87E-05
294	463320.5	3774104	2.76E-04	4.22E-05	1.81E-05
295	463307.4	3774110	2.67E-04	4.09E-05	1.75E-05
296	463294.2	3774116	2.59E-04	3.96E-05	1.70E-05
297	463281	3774122	2.50E-04	3.83E-05	1.64E-05
298	463267.8	3774128	2.42E-04	3.70E-05	1.59E-05
299	463254.7	3774134	2.34E-04	3.58E-05	1.53E-05
300	463241.5	3774140	2.26E-04	3.46E-05	1.48E-05
301	463228.3	3774146	2.19E-04	3.35E-05	1.44E-05
302	463215.2	3774152	2.12E-04	3.24E-05	1.39E-05
303	463202	3774158	2.04E-04	3.13E-05	1.34E-05
304	463188.8	3774164	1.98E-04	3.03E-05	1.30E-05
305	463175.6	3774170	1.91E-04	2.93E-05	1.25E-05
306	463162.5	3774176	1.85E-04	2.83E-05	1.21E-05

307	463149.3	3774182	1.79E-04	2.74E-05	1.17E-05
308	463136.1	3774188	1.73E-04	2.65E-05	1.13E-05
309	463123	3774194	1.67E-04	2.56E-05	1.10E-05
310	463109.8	3774200	1.62E-04	2.47E-05	1.06E-05
311	463096.6	3774206	1.56E-04	2.39E-05	1.03E-05
312	463083.4	3774212	1.51E-04	2.31E-05	9.92E-06
313	463070.3	3774218	1.46E-04	2.24E-05	9.60E-06
314	463057.1	3774224	1.42E-04	2.17E-05	9.29E-06
315	463043.9	3774230	1.37E-04	2.10E-05	8.98E-06
316	463039.2	3773233	1.59E-01	2.43E-02	1.04E-02
317	463039.1	3773224	1.67E-01	2.55E-02	1.09E-02
318	463039.1	3773215	1.67E-01	2.56E-02	1.10E-02
319	463039.1	3773205	1.62E-01	2.47E-02	1.06E-02
320	463039.1	3773196	1.51E-01	2.31E-02	9.89E-03
321	463039.1	3773186	1.35E-01	2.07E-02	8.87E-03
322	463039.1	3773177	1.16E-01	1.77E-02	7.59E-03
323	463039	3773167	9.29E-02	1.42E-02	6.10E-03
324	463039	3773158	6.95E-02	1.06E-02	4.56E-03
325	463039	3773149	4.87E-02	7.45E-03	3.19E-03
326	463049.2	3773233	1.23E-01	1.88E-02	8.06E-03
327	463049.1	3773224	1.27E-01	1.95E-02	8.35E-03
328	463049.1	3773215	1.27E-01	1.94E-02	8.32E-03
329	463049.1	3773205	1.22E-01	1.86E-02	7.98E-03
330	463049.1	3773196	1.13E-01	1.73E-02	7.41E-03
331	463049.1	3773186	1.01E-01	1.54E-02	6.62E-03
332	463049.1	3773177	8.64E-02	1.32E-02	5.67E-03
333	463049	3773167	7.04E-02	1.08E-02	4.62E-03
334	463049	3773158	5.45E-02	8.34E-03	3.57E-03
335	463049	3773149	4.02E-02	6.15E-03	2.64E-03
336	463059.2	3773233	9.78E-02	1.50E-02	6.42E-03
337	463059.1	3773224	9.99E-02	1.53E-02	6.56E-03
338	463059.1	3773215	9.87E-02	1.51E-02	6.48E-03
339	463059.1	3773205	9.43E-02	1.44E-02	6.19E-03
340	463059.1	3773196	8.72E-02	1.34E-02	5.72E-03
341	463059.1	3773186	7.79E-02	1.19E-02	5.11E-03
342	463059.1	3773177	6.70E-02	1.03E-02	4.40E-03
343	463059	3773167	5.54E-02	8.48E-03	3.64E-03
344	463059	3773158	4.39E-02	6.73E-03	2.88E-03
345	463059	3773149	3.36E-02	5.15E-03	2.21E-03
346	463069.2	3773233	7.94E-02	1.22E-02	5.21E-03
347	463069.1	3773224	8.02E-02	1.23E-02	5.27E-03
348	463069.1	3773214	7.87E-02	1.20E-02	5.17E-03
349	463069.1	3773205	7.49E-02	1.15E-02	4.92E-03
350	463069.1	3773196	6.91E-02	1.06E-02	4.54E-03
351	463069.1	3773186	6.18E-02	9.46E-03	4.06E-03
352	463069.1	3773177	5.35E-02	8.19E-03	3.51E-03
353	463069	3773167	4.48E-02	6.86E-03	2.94E-03
354	463069	3773158	3.63E-02	5.55E-03	2.38E-03
355	463069	3773149	2.85E-02	4.37E-03	1.87E-03
356	463079.2	3773233	6.56E-02	1.00E-02	4.30E-03
357	463079.1	3773224	6.56E-02	1.00E-02	4.31E-03
358	463079.1	3773214	6.40E-02	9.79E-03	4.20E-03

359	463079.1	3773205	6.07E-02	9.29E-03	3.98E-03
360	463079.1	3773196	5.59E-02	8.56E-03	3.67E-03
361	463079.1	3773186	5.02E-02	7.68E-03	3.29E-03
362	463079.1	3773177	4.37E-02	6.69E-03	2.87E-03
363	463079	3773167	3.70E-02	5.66E-03	2.43E-03
364	463079	3773158	3.05E-02	4.66E-03	2.00E-03
365	463079	3773149	2.45E-02	3.75E-03	1.61E-03
366	463073	3773286	4.73E-02	7.24E-03	3.10E-03
367	463089.2	3773233	5.49E-02	8.40E-03	3.60E-03
368	463089.1	3773224	5.45E-02	8.34E-03	3.57E-03
369	463089.1	3773214	5.28E-02	8.09E-03	3.47E-03
370	463089.1	3773205	5.00E-02	7.65E-03	3.28E-03
371	463089.1	3773196	4.61E-02	7.06E-03	3.02E-03
372	463089.1	3773186	4.14E-02	6.34E-03	2.72E-03
373	463089.1	3773177	3.63E-02	5.56E-03	2.38E-03
374	463089	3773167	3.11E-02	4.76E-03	2.04E-03
375	463089	3773158	2.60E-02	3.97E-03	1.70E-03
376	463089	3773148	2.12E-02	3.25E-03	1.39E-03
377	463080.5	3773293	4.05E-02	6.20E-03	2.66E-03
378	463099.2	3773233	4.64E-02	7.11E-03	3.05E-03
379	463099.1	3773224	4.58E-02	7.01E-03	3.01E-03
380	463099.1	3773214	4.42E-02	6.77E-03	2.90E-03
381	463099.1	3773205	4.18E-02	6.39E-03	2.74E-03
382	463099.1	3773196	3.85E-02	5.90E-03	2.53E-03
383	463099.1	3773186	3.48E-02	5.32E-03	2.28E-03
384	463099.1	3773177	3.06E-02	4.69E-03	2.01E-03
385	463099	3773167	2.65E-02	4.05E-03	1.74E-03
386	463099	3773158	2.24E-02	3.43E-03	1.47E-03
387	463099	3773148	1.86E-02	2.85E-03	1.22E-03
388	463094	3773284	3.92E-02	6.01E-03	2.58E-03
389	463109.2	3773233	3.97E-02	6.07E-03	2.60E-03
390	463109.1	3773224	3.89E-02	5.96E-03	2.56E-03
391	463109.1	3773214	3.75E-02	5.74E-03	2.46E-03
392	463109.1	3773205	3.53E-02	5.41E-03	2.32E-03
393	463109.1	3773196	3.26E-02	5.00E-03	2.14E-03
394	463109.1	3773186	2.95E-02	4.52E-03	1.94E-03
395	463109.1	3773177	2.62E-02	4.01E-03	1.72E-03
396	463109	3773167	2.28E-02	3.49E-03	1.50E-03
397	463109	3773158	1.95E-02	2.98E-03	1.28E-03
398	463109	3773148	1.64E-02	2.51E-03	1.08E-03
399	463113	3773286	3.15E-02	4.83E-03	2.07E-03
400	463109.8	3773295	3.04E-02	4.66E-03	2.00E-03
401	463106.5	3773304	2.90E-02	4.43E-03	1.90E-03
402	463103.3	3773313	2.72E-02	4.17E-03	1.79E-03
403	463129.2	3773233	2.98E-02	4.56E-03	1.95E-03
404	463129.1	3773224	2.90E-02	4.43E-03	1.90E-03
405	463129.1	3773214	2.77E-02	4.25E-03	1.82E-03
406	463129.1	3773205	2.61E-02	4.00E-03	1.71E-03
407	463129.1	3773196	2.42E-02	3.70E-03	1.59E-03
408	463129.1	3773186	2.20E-02	3.37E-03	1.44E-03
409	463129.1	3773177	1.97E-02	3.02E-03	1.29E-03
410	463129	3773167	1.74E-02	2.66E-03	1.14E-03

411	463129	3773158	1.51E-02	2.32E-03	9.93E-04
412	463129	3773148	1.30E-02	1.99E-03	8.53E-04
413	463130.7	3773293	2.55E-02	3.90E-03	1.67E-03
414	463127.6	3773301	2.48E-02	3.80E-03	1.63E-03
415	463121.4	3773318	2.28E-02	3.49E-03	1.50E-03
416	463149.2	3773233	2.30E-02	3.52E-03	1.51E-03
417	463149.1	3773224	2.22E-02	3.40E-03	1.46E-03
418	463149.1	3773214	2.12E-02	3.25E-03	1.39E-03
419	463149.1	3773205	2.00E-02	3.06E-03	1.31E-03
420	463149.1	3773195	1.85E-02	2.84E-03	1.22E-03
421	463149.1	3773186	1.70E-02	2.60E-03	1.11E-03
422	463149.1	3773177	1.53E-02	2.34E-03	1.01E-03
423	463149	3773167	1.37E-02	2.09E-03	8.97E-04
424	463149	3773158	1.21E-02	1.85E-03	7.91E-04
425	463149	3773148	1.05E-02	1.61E-03	6.91E-04
426	463153	3773286	2.12E-02	3.25E-03	1.39E-03
427	463149.8	3773295	2.11E-02	3.23E-03	1.39E-03
428	463146.5	3773304	2.08E-02	3.18E-03	1.36E-03
429	463143.3	3773312	2.02E-02	3.09E-03	1.33E-03
430	463140.1	3773321	1.94E-02	2.97E-03	1.28E-03
431	463136.8	3773330	1.85E-02	2.84E-03	1.22E-03
432	463133.6	3773339	1.75E-02	2.68E-03	1.15E-03
433	463169.2	3773233	1.81E-02	2.77E-03	1.19E-03
434	463169.1	3773224	1.75E-02	2.67E-03	1.15E-03
435	463169.1	3773214	1.66E-02	2.55E-03	1.09E-03
436	463169.1	3773205	1.57E-02	2.40E-03	1.03E-03
437	463169.1	3773195	1.46E-02	2.23E-03	9.58E-04
438	463169.1	3773186	1.34E-02	2.06E-03	8.81E-04
439	463169.1	3773177	1.22E-02	1.87E-03	8.01E-04
440	463169	3773167	1.10E-02	1.68E-03	7.22E-04
441	463169	3773158	9.81E-03	1.50E-03	6.44E-04
442	463169	3773148	8.68E-03	1.33E-03	5.70E-04
443	463170.5	3773293	1.77E-02	2.71E-03	1.16E-03
444	463167.3	3773301	1.76E-02	2.70E-03	1.16E-03
445	463164.2	3773310	1.74E-02	2.66E-03	1.14E-03
446	463158	3773327	1.65E-02	2.53E-03	1.08E-03
447	463154.9	3773335	1.59E-02	2.44E-03	1.04E-03
448	463148.6	3773352	1.45E-02	2.21E-03	9.49E-04
449	463189.2	3773233	1.46E-02	2.23E-03	9.55E-04
450	463189.1	3773224	1.40E-02	2.14E-03	9.20E-04
451	463189.1	3773214	1.34E-02	2.04E-03	8.76E-04
452	463189.1	3773205	1.26E-02	1.93E-03	8.27E-04
453	463189.1	3773195	1.18E-02	1.80E-03	7.72E-04
454	463189.1	3773186	1.09E-02	1.66E-03	7.13E-04
455	463189.1	3773177	9.95E-03	1.52E-03	6.53E-04
456	463189	3773167	9.03E-03	1.38E-03	5.93E-04
457	463189	3773158	8.13E-03	1.24E-03	5.33E-04
458	463189	3773148	7.26E-03	1.11E-03	4.77E-04
459	463193	3773286	1.47E-02	2.26E-03	9.67E-04
460	463189.8	3773295	1.49E-02	2.28E-03	9.78E-04
461	463186.5	3773304	1.49E-02	2.29E-03	9.80E-04
462	463183.3	3773312	1.48E-02	2.27E-03	9.74E-04

463	463180.1	3773321	1.46E-02	2.24E-03	9.60E-04
464	463176.8	3773330	1.43E-02	2.19E-03	9.38E-04
465	463173.6	3773339	1.39E-02	2.12E-03	9.11E-04
466	463170.4	3773347	1.34E-02	2.05E-03	8.78E-04
467	463167.1	3773356	1.28E-02	1.96E-03	8.40E-04
468	463163.9	3773365	1.22E-02	1.86E-03	7.97E-04
469	463209.2	3773233	1.19E-02	1.82E-03	7.82E-04
470	463209.1	3773224	1.15E-02	1.75E-03	7.51E-04
471	463209.1	3773214	1.09E-02	1.67E-03	7.16E-04
472	463209.1	3773205	1.03E-02	1.58E-03	6.76E-04
473	463209.1	3773195	9.65E-03	1.48E-03	6.33E-04
474	463209.1	3773186	8.96E-03	1.37E-03	5.88E-04
475	463209.1	3773177	8.25E-03	1.26E-03	5.41E-04
476	463209	3773167	7.53E-03	1.15E-03	4.94E-04
477	463209	3773158	6.83E-03	1.05E-03	4.48E-04
478	463209	3773148	6.15E-03	9.42E-04	4.04E-04
479	463213.5	3773285	1.24E-02	1.90E-03	8.13E-04
480	463210.3	3773293	1.26E-02	1.93E-03	8.26E-04
481	463207.2	3773302	1.27E-02	1.95E-03	8.35E-04
482	463204.1	3773310	1.28E-02	1.95E-03	8.37E-04
483	463200.9	3773319	1.27E-02	1.95E-03	8.34E-04
484	463197.8	3773327	1.26E-02	1.92E-03	8.25E-04
485	463194.6	3773336	1.24E-02	1.89E-03	8.11E-04
486	463191.5	3773344	1.21E-02	1.85E-03	7.92E-04
487	463188.4	3773353	1.17E-02	1.79E-03	7.68E-04
488	463182.1	3773370	1.08E-02	1.65E-03	7.09E-04
489	463178.9	3773378	1.03E-02	1.58E-03	6.75E-04
490	463229.2	3773233	9.89E-03	1.51E-03	6.49E-04
491	463229.1	3773224	9.50E-03	1.45E-03	6.23E-04
492	463229.1	3773214	9.06E-03	1.39E-03	5.94E-04
493	463229.1	3773205	8.56E-03	1.31E-03	5.62E-04
494	463229.1	3773195	8.04E-03	1.23E-03	5.28E-04
495	463229.1	3773186	7.49E-03	1.15E-03	4.92E-04
496	463229.1	3773176	6.93E-03	1.06E-03	4.55E-04
497	463229	3773167	6.36E-03	9.74E-04	4.18E-04
498	463229	3773158	5.81E-03	8.89E-04	3.81E-04
499	463229	3773148	5.27E-03	8.07E-04	3.46E-04
500	463233	3773286	1.06E-02	1.62E-03	6.92E-04
501	463229.8	3773295	1.08E-02	1.65E-03	7.07E-04
502	463226.5	3773304	1.09E-02	1.67E-03	7.17E-04
503	463223.3	3773312	1.10E-02	1.69E-03	7.22E-04
504	463220.1	3773321	1.10E-02	1.69E-03	7.23E-04
505	463216.8	3773330	1.10E-02	1.68E-03	7.19E-04
506	463213.6	3773338	1.08E-02	1.66E-03	7.10E-04
507	463210.4	3773347	1.06E-02	1.63E-03	6.98E-04
508	463207.1	3773356	1.04E-02	1.59E-03	6.81E-04
509	463203.9	3773365	1.01E-02	1.54E-03	6.60E-04
510	463200.6	3773373	9.68E-03	1.48E-03	6.35E-04
511	463197.4	3773382	9.27E-03	1.42E-03	6.08E-04
512	463194.2	3773391	8.84E-03	1.35E-03	5.80E-04
513	463249.2	3773233	8.33E-03	1.27E-03	5.46E-04
514	463249.1	3773224	7.99E-03	1.22E-03	5.24E-04

515	463249.1	3773214	7.62E-03	1.17E-03	5.00E-04
516	463249.1	3773205	7.21E-03	1.10E-03	4.73E-04
517	463249.1	3773195	6.79E-03	1.04E-03	4.45E-04
518	463249.1	3773186	6.34E-03	9.71E-04	4.16E-04
519	463249.1	3773176	5.89E-03	9.02E-04	3.87E-04
520	463249	3773167	5.44E-03	8.32E-04	3.57E-04
521	463249	3773158	4.99E-03	7.64E-04	3.28E-04
522	463249	3773148	4.56E-03	6.98E-04	2.99E-04
523	463253.4	3773285	9.00E-03	1.38E-03	5.91E-04
524	463250.3	3773293	9.22E-03	1.41E-03	6.05E-04
525	463247.1	3773302	9.40E-03	1.44E-03	6.17E-04
526	463243.9	3773310	9.52E-03	1.46E-03	6.25E-04
527	463240.8	3773319	9.59E-03	1.47E-03	6.30E-04
528	463237.6	3773328	9.61E-03	1.47E-03	6.31E-04
529	463234.5	3773336	9.57E-03	1.46E-03	6.28E-04
530	463231.3	3773345	9.47E-03	1.45E-03	6.21E-04
531	463228.2	3773353	9.33E-03	1.43E-03	6.12E-04
532	463225	3773362	9.14E-03	1.40E-03	6.00E-04
533	463221.9	3773370	8.91E-03	1.36E-03	5.84E-04
534	463218.7	3773379	8.63E-03	1.32E-03	5.67E-04
535	463215.6	3773387	8.33E-03	1.28E-03	5.47E-04
536	463212.4	3773396	8.01E-03	1.23E-03	5.26E-04
537	463209.2	3773404	7.67E-03	1.17E-03	5.04E-04
538	463269.2	3773233	7.09E-03	1.09E-03	4.65E-04
539	463269.1	3773224	6.80E-03	1.04E-03	4.46E-04
540	463269.1	3773214	6.48E-03	9.93E-04	4.26E-04
541	463269.1	3773205	6.15E-03	9.41E-04	4.03E-04
542	463269.1	3773195	5.79E-03	8.87E-04	3.80E-04
543	463269.1	3773186	5.43E-03	8.31E-04	3.56E-04
544	463269.1	3773176	5.06E-03	7.75E-04	3.32E-04
545	463269	3773167	4.69E-03	7.19E-04	3.08E-04
546	463269	3773158	4.33E-03	6.63E-04	2.84E-04
547	463269	3773148	3.98E-03	6.09E-04	2.61E-04
548	463273	3773286	7.79E-03	1.19E-03	5.11E-04
549	463269.8	3773295	8.00E-03	1.22E-03	5.25E-04
550	463266.5	3773303	8.17E-03	1.25E-03	5.36E-04
551	463263.3	3773312	8.31E-03	1.27E-03	5.45E-04
552	463260.1	3773321	8.40E-03	1.29E-03	5.51E-04
553	463256.8	3773330	8.44E-03	1.29E-03	5.54E-04
554	463253.6	3773338	8.43E-03	1.29E-03	5.53E-04
555	463250.4	3773347	8.38E-03	1.28E-03	5.50E-04
556	463247.1	3773356	8.28E-03	1.27E-03	5.43E-04
557	463243.9	3773365	8.15E-03	1.25E-03	5.35E-04
558	463240.6	3773373	7.98E-03	1.22E-03	5.24E-04
559	463237.4	3773382	7.78E-03	1.19E-03	5.10E-04
560	463234.2	3773391	7.55E-03	1.16E-03	4.95E-04
561	463230.9	3773400	7.29E-03	1.12E-03	4.79E-04
562	463227.7	3773408	7.02E-03	1.07E-03	4.61E-04
563	463224.5	3773417	6.73E-03	1.03E-03	4.42E-04
564	463289.2	3773233	6.09E-03	9.32E-04	4.00E-04
565	463289.1	3773223	5.84E-03	8.94E-04	3.83E-04
566	463289.1	3773214	5.57E-03	8.53E-04	3.66E-04

567	463289.1	3773205	5.29E-03	8.10E-04	3.47E-04
568	463289.1	3773195	5.00E-03	7.65E-04	3.28E-04
569	463289.1	3773186	4.70E-03	7.19E-04	3.08E-04
570	463289.1	3773176	4.39E-03	6.73E-04	2.88E-04
571	463289	3773167	4.09E-03	6.26E-04	2.68E-04
572	463289	3773158	3.79E-03	5.80E-04	2.49E-04
573	463289	3773148	3.49E-03	5.35E-04	2.29E-04
574	463293.4	3773285	6.74E-03	1.03E-03	4.43E-04
575	463290.2	3773294	6.93E-03	1.06E-03	4.55E-04
576	463287	3773302	7.11E-03	1.09E-03	4.66E-04
577	463283.9	3773311	7.25E-03	1.11E-03	4.76E-04
578	463280.7	3773319	7.36E-03	1.13E-03	4.83E-04
579	463277.5	3773328	7.43E-03	1.14E-03	4.88E-04
580	463274.4	3773336	7.47E-03	1.14E-03	4.90E-04
581	463271.2	3773345	7.47E-03	1.14E-03	4.90E-04
582	463268	3773353	7.42E-03	1.14E-03	4.87E-04
583	463264.9	3773362	7.36E-03	1.13E-03	4.83E-04
584	463261.7	3773370	7.26E-03	1.11E-03	4.77E-04
585	463258.5	3773379	7.14E-03	1.09E-03	4.69E-04
586	463255.4	3773388	6.99E-03	1.07E-03	4.59E-04
587	463252.2	3773396	6.81E-03	1.04E-03	4.47E-04
588	463249	3773405	6.62E-03	1.01E-03	4.34E-04
589	463245.9	3773413	6.40E-03	9.80E-04	4.20E-04
590	463242.7	3773422	6.17E-03	9.44E-04	4.05E-04
591	463239.5	3773430	5.91E-03	9.05E-04	3.88E-04
592	463309.2	3773233	5.27E-03	8.07E-04	3.46E-04
593	463309.1	3773223	5.06E-03	7.75E-04	3.32E-04
594	463309.1	3773214	4.83E-03	7.40E-04	3.17E-04
595	463309.1	3773205	4.59E-03	7.03E-04	3.01E-04
596	463309.1	3773195	4.35E-03	6.66E-04	2.85E-04
597	463309.1	3773186	4.10E-03	6.27E-04	2.69E-04
598	463309.1	3773176	3.84E-03	5.88E-04	2.52E-04
599	463309	3773167	3.59E-03	5.49E-04	2.35E-04
600	463309	3773157	3.34E-03	5.11E-04	2.19E-04
601	463309	3773148	3.09E-03	4.73E-04	2.03E-04
602	463323.2	3773285	5.54E-03	8.47E-04	3.63E-04
603	463320	3773294	5.71E-03	8.74E-04	3.75E-04
604	463316.8	3773303	5.87E-03	8.98E-04	3.85E-04
605	463313.6	3773311	6.00E-03	9.18E-04	3.94E-04
606	463310.4	3773320	6.11E-03	9.35E-04	4.01E-04
607	463307.2	3773329	6.20E-03	9.49E-04	4.07E-04
608	463303.9	3773337	6.26E-03	9.59E-04	4.11E-04
609	463300.7	3773346	6.30E-03	9.65E-04	4.14E-04
610	463297.5	3773355	6.31E-03	9.66E-04	4.14E-04
611	463294.3	3773363	6.29E-03	9.63E-04	4.13E-04
612	463291.1	3773372	6.24E-03	9.55E-04	4.10E-04
613	463287.9	3773381	6.17E-03	9.44E-04	4.05E-04
614	463284.7	3773389	6.08E-03	9.30E-04	3.99E-04
615	463281.5	3773398	5.97E-03	9.14E-04	3.92E-04
616	463278.3	3773406	5.84E-03	8.94E-04	3.83E-04
617	463275.1	3773415	5.69E-03	8.72E-04	3.74E-04
618	463271.9	3773424	5.52E-03	8.46E-04	3.63E-04

619	463268.7	3773432	5.34E-03	8.17E-04	3.50E-04
620	463265.5	3773441	5.15E-03	7.88E-04	3.38E-04
621	463262.3	3773450	4.95E-03	7.57E-04	3.25E-04
622	463339.2	3773233	4.31E-03	6.60E-04	2.83E-04
623	463339.1	3773223	4.14E-03	6.34E-04	2.72E-04
624	463339.1	3773214	3.96E-03	6.06E-04	2.60E-04
625	463339.1	3773205	3.77E-03	5.77E-04	2.48E-04
626	463339.1	3773195	3.58E-03	5.48E-04	2.35E-04
627	463339.1	3773186	3.38E-03	5.18E-04	2.22E-04
628	463339.1	3773176	3.19E-03	4.88E-04	2.09E-04
629	463339	3773167	2.99E-03	4.58E-04	1.96E-04
630	463339	3773157	2.79E-03	4.28E-04	1.83E-04
631	463339	3773148	2.60E-03	3.99E-04	1.71E-04
632	463353	3773286	4.60E-03	7.04E-04	3.02E-04
633	463349.8	3773295	4.75E-03	7.28E-04	3.12E-04
634	463346.5	3773303	4.89E-03	7.49E-04	3.21E-04
635	463343.3	3773312	5.02E-03	7.68E-04	3.29E-04
636	463340.1	3773321	5.12E-03	7.84E-04	3.36E-04
637	463336.8	3773329	5.21E-03	7.98E-04	3.42E-04
638	463333.6	3773338	5.29E-03	8.09E-04	3.47E-04
639	463330.4	3773347	5.34E-03	8.18E-04	3.51E-04
640	463327.1	3773356	5.38E-03	8.23E-04	3.53E-04
641	463323.9	3773364	5.38E-03	8.24E-04	3.53E-04
642	463320.6	3773373	5.37E-03	8.22E-04	3.53E-04
643	463317.4	3773382	5.34E-03	8.17E-04	3.50E-04
644	463314.2	3773391	5.29E-03	8.10E-04	3.47E-04
645	463310.9	3773399	5.23E-03	8.00E-04	3.43E-04
646	463307.7	3773408	5.15E-03	7.88E-04	3.38E-04
647	463304.5	3773417	5.05E-03	7.73E-04	3.32E-04
648	463301.2	3773426	4.93E-03	7.55E-04	3.24E-04
649	463298	3773434	4.80E-03	7.35E-04	3.15E-04
650	463294.8	3773443	4.66E-03	7.13E-04	3.06E-04
651	463291.5	3773452	4.52E-03	6.91E-04	2.96E-04
652	463369.2	3773233	3.58E-03	5.49E-04	2.35E-04
653	463369.1	3773223	3.44E-03	5.27E-04	2.26E-04
654	463369.1	3773214	3.30E-03	5.05E-04	2.16E-04
655	463369.1	3773204	3.15E-03	4.81E-04	2.06E-04
656	463369.1	3773195	2.99E-03	4.58E-04	1.96E-04
657	463369.1	3773186	2.84E-03	4.34E-04	1.86E-04
658	463369.1	3773176	2.68E-03	4.10E-04	1.76E-04
659	463369	3773167	2.52E-03	3.86E-04	1.66E-04
660	463369	3773157	2.37E-03	3.63E-04	1.55E-04
661	463369	3773148	2.22E-03	3.40E-04	1.46E-04
662	463382.9	3773286	3.87E-03	5.92E-04	2.54E-04
663	463379.6	3773295	4.00E-03	6.12E-04	2.62E-04
664	463376.3	3773304	4.12E-03	6.31E-04	2.71E-04
665	463373.1	3773313	4.24E-03	6.49E-04	2.78E-04
666	463369.8	3773321	4.33E-03	6.63E-04	2.84E-04
667	463366.5	3773330	4.42E-03	6.77E-04	2.90E-04
668	463363.3	3773339	4.50E-03	6.88E-04	2.95E-04
669	463360	3773348	4.56E-03	6.98E-04	2.99E-04
670	463356.8	3773357	4.60E-03	7.05E-04	3.02E-04

671	463353.5	3773365	4.63E-03	7.09E-04	3.04E-04
672	463350.2	3773374	4.64E-03	7.10E-04	3.04E-04
673	463347	3773383	4.63E-03	7.09E-04	3.04E-04
674	463343.7	3773392	4.61E-03	7.06E-04	3.03E-04
675	463340.4	3773401	4.58E-03	7.02E-04	3.01E-04
676	463337.2	3773409	4.54E-03	6.95E-04	2.98E-04
677	463333.9	3773418	4.48E-03	6.86E-04	2.94E-04
678	463330.6	3773427	4.41E-03	6.75E-04	2.89E-04
679	463327.4	3773436	4.32E-03	6.62E-04	2.84E-04
680	463324.1	3773445	4.23E-03	6.47E-04	2.77E-04
681	463320.9	3773454	4.12E-03	6.30E-04	2.70E-04
682	463399.2	3773233	3.02E-03	4.62E-04	1.98E-04
683	463399.1	3773223	2.90E-03	4.44E-04	1.90E-04
684	463399.1	3773214	2.78E-03	4.26E-04	1.83E-04
685	463399.1	3773204	2.66E-03	4.07E-04	1.74E-04
686	463399.1	3773195	2.53E-03	3.88E-04	1.66E-04
687	463399.1	3773186	2.41E-03	3.69E-04	1.58E-04
688	463399.1	3773176	2.28E-03	3.49E-04	1.50E-04
689	463399	3773167	2.16E-03	3.30E-04	1.41E-04
690	463399	3773157	2.03E-03	3.11E-04	1.33E-04
691	463399	3773148	1.91E-03	2.93E-04	1.25E-04
692	463403.7	3773311	3.58E-03	5.49E-04	2.35E-04
693	463400.5	3773319	3.68E-03	5.63E-04	2.41E-04
694	463397.3	3773328	3.76E-03	5.75E-04	2.47E-04
695	463394.1	3773337	3.83E-03	5.86E-04	2.51E-04
696	463391	3773345	3.89E-03	5.96E-04	2.56E-04
697	463387.8	3773354	3.95E-03	6.04E-04	2.59E-04
698	463384.6	3773362	3.99E-03	6.11E-04	2.62E-04
699	463381.4	3773371	4.02E-03	6.16E-04	2.64E-04
700	463378.2	3773380	4.04E-03	6.18E-04	2.65E-04
701	463375	3773388	4.04E-03	6.19E-04	2.65E-04
702	463371.9	3773397	4.04E-03	6.18E-04	2.65E-04
703	463368.7	3773405	4.02E-03	6.15E-04	2.64E-04
704	463365.5	3773414	3.99E-03	6.11E-04	2.62E-04
705	463362.3	3773423	3.96E-03	6.06E-04	2.60E-04
706	463359.1	3773431	3.91E-03	5.99E-04	2.57E-04
707	463355.9	3773440	3.86E-03	5.90E-04	2.53E-04
708	463352.7	3773448	3.79E-03	5.80E-04	2.49E-04
709	463349.6	3773457	3.71E-03	5.68E-04	2.44E-04
710	463401.4	3773398	3.55E-03	5.44E-04	2.33E-04
711	463398.2	3773407	3.55E-03	5.43E-04	2.33E-04
712	463394.9	3773415	3.54E-03	5.41E-04	2.32E-04
713	463391.7	3773424	3.52E-03	5.38E-04	2.31E-04
714	463388.5	3773433	3.49E-03	5.34E-04	2.29E-04
715	463385.3	3773441	3.46E-03	5.29E-04	2.27E-04
716	463382.1	3773450	3.41E-03	5.23E-04	2.24E-04
717	463459.2	3773242	2.28E-03	3.50E-04	1.50E-04
718	463459.2	3773233	2.21E-03	3.38E-04	1.45E-04
719	463459.1	3773223	2.13E-03	3.26E-04	1.40E-04
720	463459.1	3773214	2.05E-03	3.13E-04	1.34E-04
721	463459.1	3773204	1.96E-03	3.00E-04	1.29E-04
722	463459.1	3773195	1.88E-03	2.87E-04	1.23E-04

723	463459.1	3773185	1.79E-03	2.74E-04	1.18E-04
724	463459.1	3773176	1.71E-03	2.61E-04	1.12E-04
725	463459	3773167	1.62E-03	2.48E-04	1.06E-04
726	463459	3773157	1.54E-03	2.35E-04	1.01E-04
727	463459	3773148	1.46E-03	2.23E-04	9.56E-05
728	463489.2	3773242	1.98E-03	3.03E-04	1.30E-04
729	463489.2	3773232	1.92E-03	2.93E-04	1.26E-04
730	463489.1	3773223	1.85E-03	2.83E-04	1.21E-04
731	463489.1	3773214	1.78E-03	2.72E-04	1.17E-04
732	463489.1	3773204	1.71E-03	2.61E-04	1.12E-04
733	463489.1	3773195	1.64E-03	2.51E-04	1.07E-04
734	463489.1	3773185	1.57E-03	2.40E-04	1.03E-04
735	463489.1	3773176	1.49E-03	2.29E-04	9.81E-05
736	463489	3773167	1.42E-03	2.18E-04	9.34E-05
737	463489	3773157	1.35E-03	2.07E-04	8.88E-05
738	463489	3773148	1.28E-03	1.97E-04	8.43E-05
739	463519.2	3773242	1.73E-03	2.65E-04	1.14E-04
740	463519.2	3773232	1.68E-03	2.57E-04	1.10E-04
741	463519.1	3773223	1.62E-03	2.48E-04	1.06E-04
742	463519.1	3773214	1.56E-03	2.39E-04	1.02E-04
743	463519.1	3773204	1.50E-03	2.29E-04	9.83E-05
744	463519.1	3773195	1.44E-03	2.20E-04	9.44E-05
745	463519.1	3773185	1.38E-03	2.11E-04	9.04E-05
746	463519.1	3773176	1.32E-03	2.02E-04	8.65E-05
747	463519	3773166	1.26E-03	1.93E-04	8.26E-05
748	463519	3773157	1.20E-03	1.84E-04	7.87E-05
749	463519	3773148	1.14E-03	1.75E-04	7.49E-05
750	463549.2	3773242	1.52E-03	2.33E-04	1.00E-04
751	463549.2	3773232	1.48E-03	2.26E-04	9.68E-05
752	463549.1	3773223	1.43E-03	2.18E-04	9.36E-05
753	463549.1	3773214	1.38E-03	2.11E-04	9.03E-05
754	463549.1	3773204	1.32E-03	2.03E-04	8.69E-05
755	463549.1	3773195	1.27E-03	1.95E-04	8.35E-05
756	463549.1	3773185	1.22E-03	1.87E-04	8.02E-05
757	463549.1	3773176	1.17E-03	1.79E-04	7.68E-05
758	463549	3773166	1.12E-03	1.71E-04	7.35E-05
759	463549	3773157	1.07E-03	1.64E-04	7.02E-05
760	463549	3773148	1.02E-03	1.56E-04	6.70E-05
761	463579.2	3773242	1.35E-03	2.07E-04	8.86E-05
762	463579.2	3773232	1.31E-03	2.00E-04	8.59E-05
763	463579.1	3773223	1.27E-03	1.94E-04	8.30E-05
764	463579.1	3773213	1.22E-03	1.87E-04	8.02E-05
765	463579.1	3773204	1.18E-03	1.80E-04	7.73E-05
766	463579.1	3773195	1.13E-03	1.74E-04	7.44E-05
767	463579.1	3773185	1.09E-03	1.67E-04	7.15E-05
768	463579.1	3773176	1.05E-03	1.60E-04	6.86E-05
769	463579	3773166	1.00E-03	1.53E-04	6.58E-05
770	463579	3773157	9.59E-04	1.47E-04	6.30E-05
771	463579	3773148	9.17E-04	1.40E-04	6.02E-05
772	463609.2	3773242	1.20E-03	1.84E-04	7.90E-05
773	463609.2	3773232	1.17E-03	1.79E-04	7.66E-05
774	463609.1	3773223	1.13E-03	1.73E-04	7.41E-05

775	463609.1	3773213	1.09E-03	1.67E-04	7.16E-05
776	463609.1	3773204	1.05E-03	1.61E-04	6.92E-05
777	463609.1	3773195	1.02E-03	1.55E-04	6.67E-05
778	463609.1	3773185	9.78E-04	1.50E-04	6.42E-05
779	463609.1	3773176	9.40E-04	1.44E-04	6.17E-05
780	463609	3773166	9.02E-04	1.38E-04	5.92E-05
781	463609	3773157	8.65E-04	1.32E-04	5.68E-05
782	463609	3773147	8.28E-04	1.27E-04	5.44E-05
783	463649.2	3773232	1.01E-03	1.55E-04	6.63E-05
784	463649.1	3773223	9.79E-04	1.50E-04	6.43E-05
785	463649.1	3773213	9.47E-04	1.45E-04	6.22E-05
786	463649.1	3773204	9.15E-04	1.40E-04	6.01E-05
787	463649.1	3773194	8.84E-04	1.35E-04	5.80E-05
788	463649.1	3773185	8.52E-04	1.30E-04	5.59E-05
789	463649.1	3773176	8.21E-04	1.26E-04	5.39E-05
790	463649	3773166	7.89E-04	1.21E-04	5.18E-05
791	463649	3773157	7.59E-04	1.16E-04	4.98E-05
792	463649	3773147	7.29E-04	1.12E-04	4.78E-05
793	463689.2	3773232	8.82E-04	1.35E-04	5.79E-05
794	463689.1	3773223	8.56E-04	1.31E-04	5.61E-05
795	463689.1	3773213	8.29E-04	1.27E-04	5.44E-05
796	463689.1	3773204	8.02E-04	1.23E-04	5.26E-05
797	463689.1	3773194	7.75E-04	1.19E-04	5.09E-05
798	463689.1	3773185	7.49E-04	1.15E-04	4.91E-05
799	463689.1	3773176	7.22E-04	1.11E-04	4.74E-05
800	463689	3773166	6.96E-04	1.07E-04	4.57E-05
801	463689	3773157	6.70E-04	1.03E-04	4.40E-05
802	463689	3773147	6.45E-04	9.87E-05	4.23E-05
803	463729.2	3773232	7.76E-04	1.19E-04	5.10E-05
804	463729.1	3773223	7.54E-04	1.15E-04	4.95E-05
805	463729.1	3773213	7.31E-04	1.12E-04	4.80E-05
806	463729.1	3773204	7.09E-04	1.08E-04	4.65E-05
807	463729.1	3773194	6.86E-04	1.05E-04	4.50E-05
808	463729.1	3773185	6.63E-04	1.02E-04	4.35E-05
809	463729.1	3773175	6.40E-04	9.80E-05	4.20E-05
810	463729	3773166	6.18E-04	9.47E-05	4.06E-05
811	463729	3773157	5.96E-04	9.13E-05	3.91E-05
812	463729	3773147	5.75E-04	8.80E-05	3.77E-05
813	463769.2	3773232	6.88E-04	1.05E-04	4.52E-05
814	463769.1	3773222	6.69E-04	1.02E-04	4.39E-05
815	463769.1	3773213	6.49E-04	9.94E-05	4.26E-05
816	463769.1	3773204	6.30E-04	9.64E-05	4.13E-05
817	463769.1	3773194	6.10E-04	9.34E-05	4.01E-05
818	463769.1	3773185	5.91E-04	9.05E-05	3.88E-05
819	463769.1	3773175	5.72E-04	8.75E-05	3.75E-05
820	463769	3773166	5.53E-04	8.46E-05	3.63E-05
821	463769	3773157	5.34E-04	8.17E-05	3.50E-05
822	463769	3773147	5.15E-04	7.89E-05	3.38E-05
823	463809.2	3773232	6.14E-04	9.39E-05	4.03E-05
824	463809.1	3773222	5.97E-04	9.14E-05	3.92E-05
825	463809.1	3773213	5.80E-04	8.88E-05	3.81E-05
826	463809.1	3773204	5.63E-04	8.62E-05	3.70E-05

827	463809.1	3773194	5.47E-04	8.37E-05	3.59E-05
828	463809.1	3773185	5.30E-04	8.11E-05	3.48E-05
829	463809.1	3773175	5.13E-04	7.86E-05	3.37E-05
830	463809	3773166	4.97E-04	7.61E-05	3.26E-05
831	463809	3773156	4.81E-04	7.36E-05	3.15E-05
832	463809	3773147	4.65E-04	7.11E-05	3.05E-05
833	463849.2	3773232	5.50E-04	8.43E-05	3.61E-05
834	463849.1	3773222	5.36E-04	8.21E-05	3.52E-05
835	463849.1	3773213	5.21E-04	7.98E-05	3.42E-05
836	463849.1	3773203	5.07E-04	7.76E-05	3.33E-05
837	463849.1	3773194	4.92E-04	7.54E-05	3.23E-05
838	463849.1	3773185	4.78E-04	7.31E-05	3.14E-05
839	463849.1	3773175	4.63E-04	7.09E-05	3.04E-05
840	463849	3773166	4.49E-04	6.88E-05	2.95E-05
841	463849	3773156	4.35E-04	6.67E-05	2.86E-05
842	463849	3773147	4.22E-04	6.46E-05	2.77E-05
843	463889.2	3773241	5.09E-04	7.80E-05	3.34E-05
844	463889.2	3773232	4.97E-04	7.60E-05	3.26E-05
845	463889.1	3773222	4.84E-04	7.41E-05	3.18E-05
846	463889.1	3773213	4.71E-04	7.21E-05	3.09E-05
847	463889.1	3773203	4.58E-04	7.02E-05	3.01E-05
848	463889.1	3773194	4.46E-04	6.82E-05	2.92E-05
849	463889.1	3773185	4.33E-04	6.63E-05	2.84E-05
850	463889.1	3773175	4.20E-04	6.44E-05	2.76E-05
851	463889	3773166	4.08E-04	6.25E-05	2.68E-05
852	463889	3773156	3.96E-04	6.06E-05	2.60E-05
853	463889	3773147	3.84E-04	5.88E-05	2.52E-05
854	463929.2	3773241	4.62E-04	7.07E-05	3.03E-05
855	463929.2	3773232	4.50E-04	6.90E-05	2.96E-05
856	463929.1	3773222	4.39E-04	6.72E-05	2.88E-05
857	463929.1	3773213	4.28E-04	6.55E-05	2.81E-05
858	463929.1	3773203	4.17E-04	6.38E-05	2.73E-05
859	463929.1	3773194	4.05E-04	6.21E-05	2.66E-05
860	463929.1	3773184	3.94E-04	6.04E-05	2.59E-05
861	463929.1	3773175	3.83E-04	5.87E-05	2.52E-05
862	463929	3773166	3.73E-04	5.70E-05	2.45E-05
863	463929	3773156	3.62E-04	5.54E-05	2.37E-05
864	463929	3773147	3.51E-04	5.38E-05	2.31E-05
865	463969.2	3773241	4.20E-04	6.43E-05	2.76E-05
866	463969.2	3773232	4.10E-04	6.28E-05	2.69E-05
867	463969.1	3773222	4.00E-04	6.13E-05	2.63E-05
868	463969.1	3773213	3.90E-04	5.97E-05	2.56E-05
869	463969.1	3773203	3.80E-04	5.82E-05	2.50E-05
870	463969.1	3773194	3.71E-04	5.67E-05	2.43E-05
871	463969.1	3773184	3.61E-04	5.52E-05	2.37E-05
872	463969.1	3773175	3.51E-04	5.37E-05	2.30E-05
873	463969	3773166	3.41E-04	5.23E-05	2.24E-05
874	463969	3773156	3.32E-04	5.08E-05	2.18E-05
875	463969	3773147	3.23E-04	4.94E-05	2.12E-05
876	464009.2	3773241	3.84E-04	5.88E-05	2.52E-05
877	464009.2	3773231	3.75E-04	5.74E-05	2.46E-05
878	464009.1	3773222	3.66E-04	5.61E-05	2.40E-05

879	464009.1	3773213	3.58E-04	5.47E-05	2.35E-05
880	464009.1	3773203	3.49E-04	5.34E-05	2.29E-05
881	464009.1	3773194	3.40E-04	5.21E-05	2.23E-05
882	464009.1	3773184	3.31E-04	5.07E-05	2.17E-05
883	464009	3773175	3.23E-04	4.94E-05	2.12E-05
884	464009	3773165	3.14E-04	4.81E-05	2.06E-05
885	464009	3773156	3.06E-04	4.68E-05	2.01E-05
886	464009	3773147	2.98E-04	4.56E-05	1.95E-05
887	463009	3773139	4.49E-02	6.87E-03	2.94E-03
888	462999.9	3773139	4.90E-02	7.50E-03	3.22E-03
889	462990.8	3773139	5.31E-02	8.13E-03	3.49E-03
890	462981.7	3773139	5.54E-02	8.48E-03	3.64E-03
891	462972.6	3773139	5.56E-02	8.51E-03	3.65E-03
892	462963.5	3773139	5.43E-02	8.31E-03	3.56E-03
893	462954.4	3773139	5.17E-02	7.92E-03	3.39E-03
894	462945.3	3773139	4.82E-02	7.38E-03	3.16E-03
895	462936.2	3773139	4.36E-02	6.68E-03	2.86E-03
896	462927.1	3773139	3.75E-02	5.74E-03	2.46E-03
897	462918	3773139	3.04E-02	4.65E-03	2.00E-03
898	462999.9	3773129	2.94E-02	4.49E-03	1.93E-03
899	462990.8	3773129	3.16E-02	4.84E-03	2.07E-03
900	462981.7	3773129	3.34E-02	5.11E-03	2.19E-03
901	462972.6	3773129	3.43E-02	5.25E-03	2.25E-03
902	462963.5	3773129	3.45E-02	5.29E-03	2.27E-03
903	462954.4	3773129	3.40E-02	5.20E-03	2.23E-03
904	462945.3	3773129	3.27E-02	5.01E-03	2.15E-03
905	462936.2	3773129	3.07E-02	4.69E-03	2.01E-03
906	462927.1	3773129	2.76E-02	4.23E-03	1.81E-03
907	462918	3773129	2.39E-02	3.66E-03	1.57E-03
908	463033.1	3773134	2.90E-02	4.44E-03	1.90E-03
909	462999.8	3773119	1.93E-02	2.96E-03	1.27E-03
910	462990.7	3773119	2.07E-02	3.17E-03	1.36E-03
911	462981.6	3773119	2.21E-02	3.38E-03	1.45E-03
912	462972.5	3773119	2.31E-02	3.54E-03	1.52E-03
913	462963.4	3773119	2.37E-02	3.63E-03	1.56E-03
914	462954.3	3773119	2.39E-02	3.65E-03	1.57E-03
915	462945.2	3773119	2.35E-02	3.60E-03	1.54E-03
916	462936.1	3773119	2.26E-02	3.46E-03	1.48E-03
917	462927	3773119	2.11E-02	3.23E-03	1.38E-03
918	462917.9	3773119	1.90E-02	2.92E-03	1.25E-03
919	463040.2	3773127	2.04E-02	3.12E-03	1.34E-03
920	462999.8	3773109	1.36E-02	2.08E-03	8.91E-04
921	462990.7	3773109	1.46E-02	2.23E-03	9.56E-04
922	462981.6	3773109	1.56E-02	2.39E-03	1.02E-03
923	462972.5	3773109	1.65E-02	2.53E-03	1.08E-03
924	462963.4	3773109	1.72E-02	2.63E-03	1.13E-03
925	462954.3	3773109	1.76E-02	2.69E-03	1.16E-03
926	462945.2	3773109	1.77E-02	2.70E-03	1.16E-03
927	462936.1	3773109	1.73E-02	2.65E-03	1.14E-03
928	462927	3773109	1.66E-02	2.53E-03	1.09E-03
929	462917.9	3773109	1.54E-02	2.36E-03	1.01E-03
930	463047.2	3773120	1.50E-02	2.30E-03	9.86E-04

931	463053.1	3773134	2.31E-02	3.54E-03	1.52E-03
932	462999.8	3773099	1.01E-02	1.54E-03	6.61E-04
933	462990.7	3773099	1.08E-02	1.65E-03	7.09E-04
934	462981.6	3773099	1.16E-02	1.78E-03	7.61E-04
935	462972.5	3773099	1.24E-02	1.89E-03	8.11E-04
936	462963.4	3773099	1.30E-02	1.99E-03	8.53E-04
937	462954.3	3773099	1.35E-02	2.06E-03	8.83E-04
938	462945.2	3773099	1.37E-02	2.09E-03	8.98E-04
939	462936.1	3773099	1.36E-02	2.09E-03	8.95E-04
940	462927	3773099	1.33E-02	2.03E-03	8.72E-04
941	462917.9	3773099	1.27E-02	1.94E-03	8.31E-04
942	463044.3	3773103	9.03E-03	1.38E-03	5.93E-04
943	463054.3	3773113	1.15E-02	1.76E-03	7.53E-04
944	463060.2	3773127	1.70E-02	2.60E-03	1.12E-03
945	462999.8	3773089	7.79E-03	1.19E-03	5.11E-04
946	462990.7	3773089	8.35E-03	1.28E-03	5.48E-04
947	462981.6	3773089	8.96E-03	1.37E-03	5.88E-04
948	462972.5	3773089	9.58E-03	1.47E-03	6.29E-04
949	462963.4	3773089	1.01E-02	1.55E-03	6.65E-04
950	462954.3	3773089	1.06E-02	1.62E-03	6.94E-04
951	462945.2	3773089	1.09E-02	1.66E-03	7.13E-04
952	462936.1	3773089	1.10E-02	1.68E-03	7.19E-04
953	462927	3773089	1.08E-02	1.66E-03	7.11E-04
954	462917.9	3773089	1.05E-02	1.61E-03	6.89E-04
955	463033.6	3773089	6.52E-03	9.98E-04	4.28E-04
956	463050.1	3773096	7.21E-03	1.10E-03	4.73E-04
957	463061.8	3773107	9.29E-03	1.42E-03	6.10E-04
958	463068.7	3773124	1.41E-02	2.16E-03	9.28E-04
959	462999.7	3773079	6.22E-03	9.52E-04	4.08E-04
960	462990.7	3773079	6.65E-03	1.02E-03	4.36E-04
961	462981.6	3773079	7.13E-03	1.09E-03	4.68E-04
962	462972.5	3773079	7.62E-03	1.17E-03	5.00E-04
963	462963.4	3773079	8.09E-03	1.24E-03	5.31E-04
964	462954.3	3773079	8.48E-03	1.30E-03	5.57E-04
965	462945.2	3773079	8.78E-03	1.34E-03	5.76E-04
966	462936.1	3773079	8.94E-03	1.37E-03	5.87E-04
967	462927	3773079	8.95E-03	1.37E-03	5.87E-04
968	462917.9	3773079	8.80E-03	1.35E-03	5.77E-04
969	463033.1	3773079	5.20E-03	7.97E-04	3.42E-04
970	463049.3	3773085	5.66E-03	8.67E-04	3.72E-04
971	463068.8	3773100	7.43E-03	1.14E-03	4.88E-04
972	463075.5	3773116	1.08E-02	1.66E-03	7.12E-04
973	463082.3	3773132	1.56E-02	2.39E-03	1.03E-03
974	462999.7	3773069	5.08E-03	7.78E-04	3.34E-04
975	462990.6	3773069	5.42E-03	8.30E-04	3.56E-04
976	462981.5	3773069	5.80E-03	8.88E-04	3.81E-04
977	462972.4	3773069	6.20E-03	9.48E-04	4.07E-04
978	462963.3	3773069	6.58E-03	1.01E-03	4.32E-04
979	462954.2	3773069	6.93E-03	1.06E-03	4.55E-04
980	462945.1	3773069	7.21E-03	1.10E-03	4.73E-04
981	462936	3773069	7.40E-03	1.13E-03	4.86E-04
982	462926.9	3773069	7.48E-03	1.14E-03	4.91E-04

983	462917.8	3773069	7.44E-03	1.14E-03	4.88E-04
984	463048.6	3773075	4.57E-03	7.00E-04	3.00E-04
985	463064.5	3773082	4.96E-03	7.59E-04	3.26E-04
986	463075.8	3773093	6.07E-03	9.30E-04	3.99E-04
987	463082.4	3773109	8.55E-03	1.31E-03	5.61E-04
988	463089.1	3773125	1.20E-02	1.84E-03	7.91E-04
989	463048.1	3773065	3.77E-03	5.77E-04	2.47E-04
990	463063.8	3773071	4.05E-03	6.20E-04	2.66E-04
991	463082.8	3773086	5.05E-03	7.73E-04	3.32E-04
992	463089.4	3773101	6.90E-03	1.06E-03	4.53E-04
993	463095.9	3773117	9.50E-03	1.45E-03	6.23E-04
994	463102.5	3773133	1.28E-02	1.96E-03	8.39E-04
995	463047.3	3773045	2.69E-03	4.12E-04	1.77E-04
996	463062.8	3773051	2.85E-03	4.36E-04	1.87E-04
997	463078.2	3773057	3.03E-03	4.63E-04	1.99E-04
998	463096.9	3773071	3.64E-03	5.58E-04	2.39E-04
999	463103.3	3773087	4.74E-03	7.26E-04	3.11E-04
1000	463109.7	3773102	6.26E-03	9.58E-04	4.11E-04
1001	463116.2	3773118	8.21E-03	1.26E-03	5.39E-04
1002	463122.6	3773133	1.05E-02	1.61E-03	6.91E-04
1003	463050	3773026	2.04E-03	3.12E-04	1.34E-04
1004	463066.5	3773032	2.14E-03	3.27E-04	1.40E-04
1005	463083	3773039	2.26E-03	3.46E-04	1.48E-04
1006	463099.5	3773046	2.40E-03	3.67E-04	1.57E-04
1007	463111.2	3773058	2.77E-03	4.24E-04	1.82E-04
1008	463118.1	3773074	3.55E-03	5.43E-04	2.33E-04
1009	463125	3773091	4.61E-03	7.06E-04	3.03E-04
1010	463131.8	3773107	6.01E-03	9.20E-04	3.94E-04
1011	463138.7	3773124	7.71E-03	1.18E-03	5.06E-04
1012	463049.1	3773005	1.58E-03	2.42E-04	1.04E-04
1013	463065.3	3773012	1.64E-03	2.51E-04	1.08E-04
1014	463081.5	3773019	1.72E-03	2.63E-04	1.13E-04
1015	463097.6	3773025	1.80E-03	2.76E-04	1.18E-04
1016	463113.8	3773032	1.89E-03	2.90E-04	1.24E-04
1017	463125.3	3773043	2.15E-03	3.29E-04	1.41E-04
1018	463132	3773060	2.66E-03	4.07E-04	1.75E-04
1019	463138.7	3773076	3.34E-03	5.12E-04	2.19E-04
1020	463145.4	3773092	4.23E-03	6.48E-04	2.78E-04
1021	463152.2	3773108	5.34E-03	8.17E-04	3.50E-04
1022	463158.9	3773124	6.62E-03	1.01E-03	4.34E-04
1023	463048.4	3772985	1.26E-03	1.93E-04	8.26E-05
1024	463064.4	3772992	1.30E-03	1.99E-04	8.51E-05
1025	463080.3	3772998	1.35E-03	2.06E-04	8.84E-05
1026	463096.2	3773005	1.41E-03	2.15E-04	9.23E-05
1027	463112.1	3773011	1.47E-03	2.25E-04	9.64E-05
1028	463128.1	3773018	1.53E-03	2.35E-04	1.01E-04
1029	463139.3	3773029	1.71E-03	2.62E-04	1.12E-04
1030	463145.9	3773045	2.07E-03	3.16E-04	1.36E-04
1031	463152.6	3773061	2.53E-03	3.87E-04	1.66E-04
1032	463159.2	3773077	3.12E-03	4.77E-04	2.05E-04
1033	463165.8	3773093	3.85E-03	5.90E-04	2.53E-04
1034	463172.4	3773109	4.73E-03	7.24E-04	3.10E-04

1035	463179.1	3773124	5.71E-03	8.75E-04	3.75E-04
1036	463050.2	3772966	1.03E-03	1.58E-04	6.76E-05
1037	463058.5	3772969	1.04E-03	1.60E-04	6.84E-05
1038	463066.9	3772973	1.06E-03	1.62E-04	6.94E-05
1039	463083.5	3772980	1.10E-03	1.68E-04	7.19E-05
1040	463091.8	3772983	1.12E-03	1.71E-04	7.33E-05
1041	463108.5	3772990	1.16E-03	1.78E-04	7.64E-05
1042	463116.8	3772993	1.19E-03	1.82E-04	7.79E-05
1043	463125.1	3772997	1.21E-03	1.86E-04	7.95E-05
1044	463141.8	3773004	1.26E-03	1.93E-04	8.28E-05
1045	463153.6	3773015	1.40E-03	2.14E-04	9.19E-05
1046	463160.5	3773032	1.67E-03	2.56E-04	1.10E-04
1047	463167.4	3773049	2.03E-03	3.10E-04	1.33E-04
1048	463174.4	3773065	2.47E-03	3.79E-04	1.62E-04
1049	463177.8	3773073	2.74E-03	4.19E-04	1.80E-04
1050	463184.8	3773090	3.35E-03	5.13E-04	2.20E-04
1051	463191.7	3773107	4.08E-03	6.25E-04	2.68E-04
1052	463198.6	3773123	4.89E-03	7.49E-04	3.21E-04
1053	463049.5	3772946	8.55E-04	1.31E-04	5.61E-05
1054	463065.9	3772952	8.73E-04	1.34E-04	5.73E-05
1055	463082.3	3772959	8.99E-04	1.38E-04	5.90E-05
1056	463098.7	3772966	9.31E-04	1.42E-04	6.11E-05
1057	463115.1	3772973	9.65E-04	1.48E-04	6.33E-05
1058	463131.5	3772979	1.00E-03	1.53E-04	6.57E-05
1059	463147.8	3772986	1.04E-03	1.59E-04	6.81E-05
1060	463167.6	3773001	1.16E-03	1.77E-04	7.61E-05
1061	463174.5	3773017	1.36E-03	2.08E-04	8.93E-05
1062	463181.3	3773034	1.61E-03	2.47E-04	1.06E-04
1063	463188.1	3773050	1.93E-03	2.95E-04	1.26E-04
1064	463194.9	3773066	2.32E-03	3.55E-04	1.52E-04
1065	463201.7	3773083	2.79E-03	4.27E-04	1.83E-04
1066	463208.5	3773099	3.34E-03	5.12E-04	2.19E-04
1067	463215.4	3773115	3.96E-03	6.07E-04	2.60E-04
1068	463222.2	3773132	4.62E-03	7.07E-04	3.03E-04
1069	463048.9	3772925	7.22E-04	1.10E-04	4.74E-05
1070	463065.1	3772932	7.33E-04	1.12E-04	4.81E-05
1071	463081.3	3772939	7.51E-04	1.15E-04	4.93E-05
1072	463097.5	3772945	7.74E-04	1.18E-04	5.08E-05
1073	463113.6	3772952	7.99E-04	1.22E-04	5.25E-05
1074	463129.8	3772959	8.27E-04	1.27E-04	5.42E-05
1075	463146	3772965	8.54E-04	1.31E-04	5.61E-05
1076	463162.2	3772972	8.82E-04	1.35E-04	5.79E-05
1077	463181.7	3772987	9.74E-04	1.49E-04	6.40E-05
1078	463188.4	3773003	1.13E-03	1.72E-04	7.39E-05
1079	463195.2	3773019	1.31E-03	2.01E-04	8.61E-05
1080	463201.9	3773035	1.54E-03	2.36E-04	1.01E-04
1081	463208.6	3773051	1.82E-03	2.79E-04	1.20E-04
1082	463215.4	3773067	2.16E-03	3.31E-04	1.42E-04
1083	463222.1	3773084	2.56E-03	3.92E-04	1.68E-04
1084	463228.8	3773100	3.02E-03	4.62E-04	1.98E-04
1085	463235.5	3773116	3.52E-03	5.38E-04	2.31E-04
1086	463242.3	3773132	4.04E-03	6.18E-04	2.65E-04

1087	463075.4	3772916	6.33E-04	9.69E-05	4.15E-05
1088	463083.7	3772920	6.40E-04	9.80E-05	4.20E-05
1089	463100.5	3772927	6.58E-04	1.01E-04	4.32E-05
1090	463108.8	3772930	6.68E-04	1.02E-04	4.39E-05
1091	463117.2	3772933	6.79E-04	1.04E-04	4.46E-05
1092	463133.9	3772940	7.01E-04	1.07E-04	4.60E-05
1093	463142.3	3772944	7.12E-04	1.09E-04	4.67E-05
1094	463150.6	3772947	7.23E-04	1.11E-04	4.75E-05
1095	463159	3772951	7.35E-04	1.12E-04	4.82E-05
1096	463175.7	3772958	7.57E-04	1.16E-04	4.97E-05
1097	463184.1	3772961	7.68E-04	1.18E-04	5.04E-05
1098	463195.9	3772973	8.32E-04	1.27E-04	5.46E-05
1099	463199.4	3772981	8.91E-04	1.36E-04	5.85E-05
1100	463206.4	3772998	1.03E-03	1.57E-04	6.74E-05
1101	463209.9	3773006	1.11E-03	1.69E-04	7.26E-05
1102	463216.8	3773023	1.29E-03	1.97E-04	8.46E-05
1103	463223.8	3773040	1.51E-03	2.32E-04	9.93E-05
1104	463227.3	3773048	1.64E-03	2.51E-04	1.08E-04
1105	463234.2	3773065	1.94E-03	2.96E-04	1.27E-04
1106	463241.2	3773081	2.28E-03	3.49E-04	1.50E-04
1107	463244.6	3773090	2.47E-03	3.78E-04	1.62E-04
1108	463251.6	3773106	2.88E-03	4.41E-04	1.89E-04
1109	463258.6	3773123	3.32E-03	5.08E-04	2.18E-04
1110	463262	3773131	3.54E-03	5.42E-04	2.32E-04
1111	463115.8	3772913	5.79E-04	8.86E-05	3.80E-05
1112	463132.3	3772920	5.96E-04	9.12E-05	3.91E-05
1113	463148.8	3772926	6.13E-04	9.39E-05	4.02E-05
1114	463165.3	3772933	6.31E-04	9.66E-05	4.14E-05
1115	463181.8	3772940	6.49E-04	9.93E-05	4.26E-05
1116	463198.3	3772947	6.66E-04	1.02E-04	4.37E-05
1117	463210	3772959	7.17E-04	1.10E-04	4.70E-05
1118	463216.9	3772975	8.13E-04	1.24E-04	5.33E-05
1119	463223.7	3772991	9.29E-04	1.42E-04	6.09E-05
1120	463230.6	3773008	1.07E-03	1.63E-04	7.01E-05
1121	463237.5	3773024	1.23E-03	1.89E-04	8.10E-05
1122	463244.4	3773041	1.43E-03	2.20E-04	9.42E-05
1123	463251.2	3773057	1.67E-03	2.56E-04	1.10E-04
1124	463258.1	3773074	1.95E-03	2.98E-04	1.28E-04
1125	463265	3773090	2.26E-03	3.45E-04	1.48E-04
1126	463271.8	3773107	2.60E-03	3.98E-04	1.70E-04
1127	463278.7	3773123	2.96E-03	4.53E-04	1.94E-04
1128	463179.9	3772919	5.55E-04	8.49E-05	3.64E-05
1129	463196.2	3772926	5.69E-04	8.71E-05	3.73E-05
1130	463212.5	3772933	5.82E-04	8.92E-05	3.82E-05
1131	463224.1	3772944	6.23E-04	9.54E-05	4.09E-05
1132	463230.9	3772961	7.00E-04	1.07E-04	4.59E-05
1133	463237.7	3772977	7.90E-04	1.21E-04	5.19E-05
1134	463244.5	3772993	8.98E-04	1.38E-04	5.89E-05
1135	463251.3	3773009	1.03E-03	1.57E-04	6.73E-05
1136	463258.1	3773026	1.18E-03	1.80E-04	7.73E-05
1137	463264.8	3773042	1.36E-03	2.08E-04	8.90E-05
1138	463271.6	3773058	1.56E-03	2.40E-04	1.03E-04

1139	463278.4	3773075	1.80E-03	2.76E-04	1.18E-04
1140	463285.2	3773091	2.06E-03	3.16E-04	1.35E-04
1141	463292	3773107	2.35E-03	3.60E-04	1.54E-04
1142	463298.8	3773124	2.65E-03	4.05E-04	1.74E-04
1143	463041.7	3772832	3.88E-04	5.93E-05	2.54E-05
1144	463058.4	3772839	3.88E-04	5.94E-05	2.55E-05
1145	463066.7	3772843	3.89E-04	5.96E-05	2.56E-05
1146	463075	3772846	3.91E-04	5.99E-05	2.57E-05
1147	463091.7	3772853	3.97E-04	6.08E-05	2.61E-05
1148	463100.1	3772856	4.01E-04	6.14E-05	2.63E-05
1149	463245.3	3772923	5.14E-04	7.87E-05	3.38E-05
1150	463252.3	3772940	5.73E-04	8.77E-05	3.76E-05
1151	463255.7	3772948	6.05E-04	9.27E-05	3.97E-05
1152	463262.7	3772965	6.79E-04	1.04E-04	4.46E-05
1153	463269.6	3772981	7.66E-04	1.17E-04	5.02E-05
1154	463276.6	3772998	8.68E-04	1.33E-04	5.69E-05
1155	463280	3773006	9.25E-04	1.42E-04	6.07E-05
1156	463287	3773023	1.05E-03	1.61E-04	6.92E-05
1157	463290.4	3773031	1.13E-03	1.72E-04	7.39E-05
1158	463297.4	3773048	1.29E-03	1.97E-04	8.46E-05
1159	463300.8	3773056	1.38E-03	2.11E-04	9.04E-05
1160	463307.8	3773073	1.57E-03	2.41E-04	1.03E-04
1161	463314.7	3773090	1.78E-03	2.73E-04	1.17E-04
1162	463321.6	3773106	2.01E-03	3.08E-04	1.32E-04
1163	463325.1	3773115	2.13E-03	3.26E-04	1.40E-04
1164	463332.1	3773131	2.37E-03	3.63E-04	1.56E-04
1165	463049.3	3772806	3.27E-04	5.00E-05	2.14E-05
1166	463065.8	3772812	3.28E-04	5.01E-05	2.15E-05
1167	463082.2	3772819	3.30E-04	5.06E-05	2.17E-05
1168	463098.7	3772826	3.35E-04	5.13E-05	2.20E-05
1169	463115.1	3772833	3.41E-04	5.22E-05	2.24E-05
1170	463131.5	3772839	3.48E-04	5.33E-05	2.28E-05
1171	463148	3772846	3.56E-04	5.45E-05	2.34E-05
1172	463164.4	3772853	3.64E-04	5.57E-05	2.39E-05
1173	463180.8	3772860	3.72E-04	5.69E-05	2.44E-05
1174	463280.1	3772935	5.25E-04	8.03E-05	3.44E-05
1175	463287	3772951	5.82E-04	8.91E-05	3.82E-05
1176	463293.8	3772967	6.49E-04	9.94E-05	4.26E-05
1177	463300.6	3772984	7.27E-04	1.11E-04	4.77E-05
1178	463307.5	3773000	8.17E-04	1.25E-04	5.36E-05
1179	463314.3	3773017	9.21E-04	1.41E-04	6.04E-05
1180	463321.1	3773033	1.04E-03	1.59E-04	6.82E-05
1181	463328	3773049	1.17E-03	1.80E-04	7.71E-05
1182	463334.8	3773066	1.33E-03	2.03E-04	8.70E-05
1183	463341.6	3773082	1.49E-03	2.28E-04	9.77E-05
1184	463348.5	3773099	1.67E-03	2.55E-04	1.09E-04
1185	463355.3	3773115	1.85E-03	2.83E-04	1.21E-04
1186	463362.2	3773132	2.04E-03	3.12E-04	1.34E-04
1187	463041.6	3772772	2.80E-04	4.28E-05	1.84E-05
1188	463058.4	3772779	2.79E-04	4.27E-05	1.83E-05
1189	463066.7	3772783	2.80E-04	4.28E-05	1.84E-05
1190	463075.1	3772786	2.80E-04	4.29E-05	1.84E-05

1191	463083.5	3772790	2.82E-04	4.31E-05	1.85E-05
1192	463100.2	3772797	2.85E-04	4.37E-05	1.87E-05
1193	463108.6	3772800	2.87E-04	4.40E-05	1.89E-05
1194	463116.9	3772803	2.90E-04	4.43E-05	1.90E-05
1195	463133.6	3772810	2.95E-04	4.52E-05	1.94E-05
1196	463142	3772814	2.98E-04	4.56E-05	1.96E-05
1197	463150.4	3772817	3.01E-04	4.61E-05	1.98E-05
1198	463158.7	3772821	3.04E-04	4.66E-05	2.00E-05
1199	463175.5	3772828	3.11E-04	4.75E-05	2.04E-05
1200	463183.8	3772831	3.14E-04	4.80E-05	2.06E-05
1201	463192.2	3772834	3.17E-04	4.85E-05	2.08E-05
1202	463208.9	3772841	3.23E-04	4.95E-05	2.12E-05
1203	463217.3	3772845	3.27E-04	5.00E-05	2.14E-05
1204	463225.7	3772848	3.30E-04	5.05E-05	2.16E-05
1205	463234	3772852	3.33E-04	5.10E-05	2.18E-05
1206	463250.7	3772859	3.39E-04	5.19E-05	2.23E-05
1207	463259.1	3772862	3.42E-04	5.24E-05	2.24E-05
1208	463305.1	3772922	4.62E-04	7.07E-05	3.03E-05
1209	463312	3772939	5.10E-04	7.81E-05	3.35E-05
1210	463315.5	3772947	5.37E-04	8.22E-05	3.52E-05
1211	463322.5	3772964	5.96E-04	9.12E-05	3.91E-05
1212	463329.4	3772981	6.64E-04	1.02E-04	4.36E-05
1213	463332.9	3772989	7.02E-04	1.08E-04	4.61E-05
1214	463339.9	3773006	7.86E-04	1.20E-04	5.16E-05
1215	463346.8	3773023	8.82E-04	1.35E-04	5.79E-05
1216	463350.3	3773031	9.34E-04	1.43E-04	6.13E-05
1217	463357.3	3773048	1.05E-03	1.61E-04	6.88E-05
1218	463364.2	3773064	1.17E-03	1.80E-04	7.71E-05
1219	463367.7	3773073	1.24E-03	1.90E-04	8.15E-05
1220	463374.6	3773089	1.38E-03	2.12E-04	9.07E-05
1221	463381.6	3773106	1.53E-03	2.34E-04	1.01E-04
1222	463385.1	3773114	1.61E-03	2.46E-04	1.06E-04
1223	463392	3773131	1.76E-03	2.69E-04	1.16E-04
1224	463032.9	3772739	2.43E-04	3.72E-05	1.59E-05
1225	463049.4	3772746	2.42E-04	3.70E-05	1.59E-05
1226	463065.9	3772752	2.42E-04	3.70E-05	1.59E-05
1227	463082.4	3772759	2.43E-04	3.72E-05	1.59E-05
1228	463098.9	3772766	2.45E-04	3.76E-05	1.61E-05
1229	463115.5	3772773	2.49E-04	3.81E-05	1.63E-05
1230	463132	3772780	2.53E-04	3.87E-05	1.66E-05
1231	463148.5	3772786	2.57E-04	3.93E-05	1.69E-05
1232	463165	3772793	2.62E-04	4.01E-05	1.72E-05
1233	463181.5	3772800	2.67E-04	4.08E-05	1.75E-05
1234	463198	3772807	2.72E-04	4.16E-05	1.78E-05
1235	463214.5	3772814	2.77E-04	4.24E-05	1.82E-05
1236	463231.1	3772820	2.82E-04	4.31E-05	1.85E-05
1237	463247.6	3772827	2.87E-04	4.39E-05	1.88E-05
1238	463264.1	3772834	2.92E-04	4.46E-05	1.91E-05
1239	463280.6	3772841	2.96E-04	4.53E-05	1.94E-05
1240	463297.1	3772848	3.01E-04	4.60E-05	1.97E-05
1241	463308.8	3772859	3.15E-04	4.83E-05	2.07E-05
1242	463336.3	3772925	4.45E-04	6.82E-05	2.92E-05

1243	463343.1	3772942	4.90E-04	7.49E-05	3.21E-05
1244	463350	3772958	5.40E-04	8.26E-05	3.54E-05
1245	463356.9	3772975	5.97E-04	9.13E-05	3.91E-05
1246	463363.7	3772991	6.62E-04	1.01E-04	4.34E-05
1247	463370.6	3773008	7.35E-04	1.12E-04	4.82E-05
1248	463377.5	3773024	8.17E-04	1.25E-04	5.36E-05
1249	463384.4	3773041	9.09E-04	1.39E-04	5.96E-05
1250	463391.2	3773057	1.01E-03	1.55E-04	6.63E-05
1251	463398.1	3773074	1.12E-03	1.71E-04	7.34E-05
1252	463405	3773090	1.23E-03	1.89E-04	8.10E-05
1253	463033.2	3772709	2.12E-04	3.25E-05	1.39E-05
1254	463041.6	3772712	2.12E-04	3.24E-05	1.39E-05
1255	463050	3772716	2.11E-04	3.23E-05	1.39E-05
1256	463066.7	3772723	2.11E-04	3.23E-05	1.38E-05
1257	463075.1	3772726	2.11E-04	3.24E-05	1.39E-05
1258	463083.5	3772730	2.12E-04	3.24E-05	1.39E-05
1259	463091.9	3772733	2.13E-04	3.26E-05	1.40E-05
1260	463108.6	3772740	2.15E-04	3.29E-05	1.41E-05
1261	463117	3772744	2.16E-04	3.31E-05	1.42E-05
1262	463125.4	3772747	2.18E-04	3.34E-05	1.43E-05
1263	463133.8	3772750	2.20E-04	3.36E-05	1.44E-05
1264	463150.5	3772757	2.23E-04	3.42E-05	1.46E-05
1265	463158.9	3772761	2.25E-04	3.44E-05	1.48E-05
1266	463167.3	3772764	2.27E-04	3.47E-05	1.49E-05
1267	463175.7	3772768	2.29E-04	3.51E-05	1.50E-05
1268	463184.1	3772771	2.31E-04	3.54E-05	1.52E-05
1269	463200.8	3772778	2.35E-04	3.60E-05	1.54E-05
1270	463209.2	3772781	2.37E-04	3.63E-05	1.56E-05
1271	463217.6	3772785	2.39E-04	3.66E-05	1.57E-05
1272	463226	3772788	2.41E-04	3.69E-05	1.58E-05
1273	463242.7	3772795	2.45E-04	3.76E-05	1.61E-05
1274	463251.1	3772799	2.47E-04	3.79E-05	1.62E-05
1275	463259.5	3772802	2.49E-04	3.82E-05	1.64E-05
1276	463267.9	3772806	2.51E-04	3.85E-05	1.65E-05
1277	463284.6	3772813	2.55E-04	3.91E-05	1.67E-05
1278	463293	3772816	2.57E-04	3.94E-05	1.69E-05
1279	463301.4	3772819	2.59E-04	3.96E-05	1.70E-05
1280	463309.8	3772823	2.61E-04	3.99E-05	1.71E-05
1281	463330	3772838	2.74E-04	4.20E-05	1.80E-05
1282	463337	3772855	2.96E-04	4.54E-05	1.95E-05
1283	463368.4	3772930	4.34E-04	6.64E-05	2.85E-05
1284	463375.3	3772947	4.76E-04	7.28E-05	3.12E-05
1285	463382.3	3772964	5.23E-04	8.01E-05	3.43E-05
1286	463389.3	3772980	5.77E-04	8.83E-05	3.79E-05
1287	463396.3	3772997	6.38E-04	9.76E-05	4.18E-05
1288	463403.2	3773014	7.05E-04	1.08E-04	4.63E-05
1289	463448.5	3773123	1.30E-03	1.99E-04	8.54E-05
1290	463032.8	3772679	1.87E-04	2.87E-05	1.23E-05
1291	463049.4	3772686	1.86E-04	2.85E-05	1.22E-05
1292	463066	3772693	1.86E-04	2.85E-05	1.22E-05
1293	463082.6	3772699	1.87E-04	2.86E-05	1.23E-05
1294	463099.1	3772706	1.88E-04	2.88E-05	1.23E-05

1295	463115.7	3772713	1.90E-04	2.91E-05	1.25E-05
1296	463124	3772716	1.91E-04	2.93E-05	1.25E-05
1297	463140.6	3772723	1.94E-04	2.97E-05	1.27E-05
1298	463157.1	3772730	1.97E-04	3.01E-05	1.29E-05
1299	463173.7	3772737	2.00E-04	3.06E-05	1.31E-05
1300	463190.3	3772744	2.03E-04	3.11E-05	1.33E-05
1301	463206.9	3772751	2.06E-04	3.16E-05	1.35E-05
1302	463223.4	3772757	2.10E-04	3.21E-05	1.38E-05
1303	463231.7	3772761	2.11E-04	3.23E-05	1.39E-05
1304	463248.3	3772768	2.15E-04	3.28E-05	1.41E-05
1305	463264.9	3772774	2.18E-04	3.33E-05	1.43E-05
1306	463281.4	3772781	2.21E-04	3.38E-05	1.45E-05
1307	463289.7	3772785	2.22E-04	3.40E-05	1.46E-05
1308	463306.3	3772791	2.25E-04	3.45E-05	1.48E-05
1309	463322.9	3772798	2.28E-04	3.50E-05	1.50E-05
1310	463339.4	3772805	2.31E-04	3.54E-05	1.52E-05
1311	463351.2	3772817	2.41E-04	3.69E-05	1.58E-05
1312	463358	3772833	2.59E-04	3.96E-05	1.70E-05
1313	463361.5	3772842	2.68E-04	4.10E-05	1.76E-05
1314	463368.4	3772858	2.89E-04	4.42E-05	1.90E-05
1315	463402.8	3772941	4.34E-04	6.65E-05	2.85E-05
1316	463447.6	3773048	7.92E-04	1.21E-04	5.20E-05
1317	463454.5	3773065	8.67E-04	1.33E-04	5.69E-05
1318	463461.4	3773082	9.47E-04	1.45E-04	6.22E-05
1319	463468.3	3773098	1.03E-03	1.58E-04	6.76E-05
1320	463475.2	3773115	1.11E-03	1.71E-04	7.31E-05
1321	463482.1	3773131	1.20E-03	1.84E-04	7.88E-05
1322	463033.1	3772649	1.67E-04	2.55E-05	1.09E-05
1323	463041.5	3772652	1.66E-04	2.54E-05	1.09E-05
1324	463049.9	3772656	1.66E-04	2.54E-05	1.09E-05
1325	463058.3	3772659	1.65E-04	2.53E-05	1.09E-05
1326	463066.7	3772663	1.65E-04	2.53E-05	1.09E-05
1327	463075.1	3772666	1.66E-04	2.53E-05	1.09E-05
1328	463083.5	3772670	1.66E-04	2.54E-05	1.09E-05
1329	463091.9	3772673	1.66E-04	2.55E-05	1.09E-05
1330	463100.3	3772677	1.67E-04	2.56E-05	1.10E-05
1331	463108.7	3772680	1.68E-04	2.57E-05	1.10E-05
1332	463117.1	3772684	1.69E-04	2.58E-05	1.11E-05
1333	463125.4	3772687	1.70E-04	2.60E-05	1.11E-05
1334	463133.8	3772691	1.71E-04	2.61E-05	1.12E-05
1335	463142.2	3772694	1.72E-04	2.63E-05	1.13E-05
1336	463150.6	3772697	1.73E-04	2.65E-05	1.13E-05
1337	463159	3772701	1.74E-04	2.67E-05	1.14E-05
1338	463167.4	3772704	1.75E-04	2.69E-05	1.15E-05
1339	463175.8	3772708	1.77E-04	2.71E-05	1.16E-05
1340	463184.2	3772711	1.78E-04	2.73E-05	1.17E-05
1341	463192.6	3772715	1.79E-04	2.75E-05	1.18E-05
1342	463201	3772718	1.81E-04	2.77E-05	1.19E-05
1343	463217.8	3772725	1.83E-04	2.81E-05	1.20E-05
1344	463226.2	3772729	1.85E-04	2.83E-05	1.21E-05
1345	463234.6	3772732	1.86E-04	2.85E-05	1.22E-05
1346	463243	3772735	1.88E-04	2.87E-05	1.23E-05

1347	463251.4	3772739	1.89E-04	2.89E-05	1.24E-05
1348	463259.8	3772742	1.90E-04	2.91E-05	1.25E-05
1349	463268.1	3772746	1.92E-04	2.93E-05	1.26E-05
1350	463276.5	3772749	1.93E-04	2.95E-05	1.27E-05
1351	463284.9	3772753	1.94E-04	2.97E-05	1.28E-05
1352	463293.3	3772756	1.96E-04	2.99E-05	1.28E-05
1353	463301.7	3772760	1.97E-04	3.01E-05	1.29E-05
1354	463310.1	3772763	1.98E-04	3.03E-05	1.30E-05
1355	463318.5	3772767	1.99E-04	3.05E-05	1.31E-05
1356	463326.9	3772770	2.01E-04	3.07E-05	1.32E-05
1357	463335.3	3772773	2.02E-04	3.09E-05	1.33E-05
1358	463343.7	3772777	2.03E-04	3.11E-05	1.33E-05
1359	463352.1	3772780	2.04E-04	3.13E-05	1.34E-05
1360	463360.5	3772784	2.06E-04	3.15E-05	1.35E-05
1361	463372.4	3772796	2.14E-04	3.27E-05	1.40E-05
1362	463379.4	3772812	2.28E-04	3.50E-05	1.50E-05
1363	463386.3	3772829	2.45E-04	3.75E-05	1.61E-05
1364	463393.3	3772846	2.63E-04	4.02E-05	1.72E-05
1365	463400.3	3772863	2.83E-04	4.33E-05	1.85E-05
1366	463452.7	3772988	5.25E-04	8.04E-05	3.45E-05
1367	463459.6	3773005	5.75E-04	8.80E-05	3.77E-05
1368	463466.6	3773022	6.29E-04	9.63E-05	4.13E-05
1369	463473.6	3773039	6.88E-04	1.05E-04	4.51E-05
1370	463480.6	3773055	7.50E-04	1.15E-04	4.92E-05
1371	463487.6	3773072	8.18E-04	1.25E-04	5.36E-05
1372	463494.6	3773089	8.88E-04	1.36E-04	5.83E-05
1373	463501.5	3773106	9.60E-04	1.47E-04	6.30E-05
1374	463508.5	3773122	1.03E-03	1.58E-04	6.78E-05
1375	463032.8	3772619	1.49E-04	2.29E-05	9.80E-06
1376	463049.4	3772626	1.48E-04	2.27E-05	9.74E-06
1377	463057.7	3772629	1.48E-04	2.27E-05	9.73E-06
1378	463074.3	3772636	1.48E-04	2.27E-05	9.73E-06
1379	463091	3772643	1.49E-04	2.28E-05	9.77E-06
1380	463099.3	3772646	1.49E-04	2.29E-05	9.80E-06
1381	463107.6	3772650	1.50E-04	2.30E-05	9.84E-06
1382	463115.9	3772653	1.51E-04	2.31E-05	9.88E-06
1383	463132.5	3772660	1.52E-04	2.33E-05	9.99E-06
1384	463149.1	3772667	1.54E-04	2.36E-05	1.01E-05
1385	463157.4	3772670	1.55E-04	2.37E-05	1.02E-05
1386	463165.7	3772674	1.56E-04	2.39E-05	1.02E-05
1387	463182.3	3772681	1.58E-04	2.42E-05	1.04E-05
1388	463190.6	3772684	1.59E-04	2.44E-05	1.05E-05
1389	463207.3	3772691	1.62E-04	2.47E-05	1.06E-05
1390	463215.6	3772694	1.63E-04	2.49E-05	1.07E-05
1391	463232.2	3772701	1.65E-04	2.53E-05	1.08E-05
1392	463240.5	3772704	1.66E-04	2.54E-05	1.09E-05
1393	463257.1	3772711	1.68E-04	2.58E-05	1.10E-05
1394	463273.7	3772718	1.70E-04	2.61E-05	1.12E-05
1395	463290.3	3772725	1.73E-04	2.64E-05	1.13E-05
1396	463298.7	3772728	1.74E-04	2.66E-05	1.14E-05
1397	463315.3	3772735	1.76E-04	2.69E-05	1.15E-05
1398	463331.9	3772742	1.78E-04	2.72E-05	1.17E-05

1399	463340.2	3772746	1.79E-04	2.74E-05	1.18E-05
1400	463348.5	3772749	1.80E-04	2.76E-05	1.18E-05
1401	463365.1	3772756	1.82E-04	2.79E-05	1.20E-05
1402	463373.4	3772759	1.83E-04	2.80E-05	1.20E-05
1403	463393.5	3772774	1.91E-04	2.92E-05	1.25E-05
1404	463400.4	3772791	2.03E-04	3.11E-05	1.33E-05
1405	463459.2	3772932	3.71E-04	5.68E-05	2.43E-05
1406	463466.1	3772949	4.02E-04	6.15E-05	2.64E-05
1407	463473	3772965	4.36E-04	6.68E-05	2.86E-05
1408	463476.4	3772973	4.55E-04	6.96E-05	2.98E-05
1409	463483.3	3772990	4.94E-04	7.57E-05	3.24E-05
1410	463490.3	3773007	5.38E-04	8.23E-05	3.53E-05
1411	463497.2	3773023	5.85E-04	8.95E-05	3.84E-05
1412	463504.1	3773040	6.36E-04	9.73E-05	4.17E-05
1413	463511	3773056	6.89E-04	1.06E-04	4.52E-05
1414	463517.9	3773073	7.47E-04	1.14E-04	4.90E-05
1415	463524.8	3773090	8.06E-04	1.23E-04	5.29E-05
1416	463531.7	3773106	8.67E-04	1.33E-04	5.69E-05
1417	463535.2	3773114	8.98E-04	1.37E-04	5.89E-05
1418	463542.1	3773131	9.60E-04	1.47E-04	6.30E-05
1419	463033	3772589	1.35E-04	2.06E-05	8.84E-06
1420	463041.4	3772592	1.34E-04	2.06E-05	8.81E-06
1421	463049.8	3772596	1.34E-04	2.05E-05	8.79E-06
1422	463058.2	3772599	1.34E-04	2.05E-05	8.78E-06
1423	463066.6	3772603	1.34E-04	2.05E-05	8.77E-06
1424	463075	3772606	1.34E-04	2.05E-05	8.78E-06
1425	463083.4	3772610	1.34E-04	2.05E-05	8.79E-06
1426	463091.8	3772613	1.34E-04	2.05E-05	8.81E-06
1427	463100.3	3772617	1.35E-04	2.06E-05	8.84E-06
1428	463108.7	3772620	1.35E-04	2.07E-05	8.87E-06
1429	463117.1	3772624	1.36E-04	2.08E-05	8.91E-06
1430	463125.5	3772627	1.36E-04	2.09E-05	8.95E-06
1431	463133.9	3772631	1.37E-04	2.10E-05	8.99E-06
1432	463142.3	3772634	1.38E-04	2.11E-05	9.05E-06
1433	463150.7	3772637	1.39E-04	2.12E-05	9.10E-06
1434	463159.1	3772641	1.40E-04	2.14E-05	9.16E-06
1435	463167.5	3772644	1.40E-04	2.15E-05	9.22E-06
1436	463175.9	3772648	1.41E-04	2.16E-05	9.27E-06
1437	463184.3	3772651	1.42E-04	2.18E-05	9.34E-06
1438	463192.7	3772655	1.43E-04	2.19E-05	9.40E-06
1439	463201.1	3772658	1.44E-04	2.21E-05	9.46E-06
1440	463209.5	3772662	1.45E-04	2.22E-05	9.52E-06
1441	463217.9	3772665	1.46E-04	2.24E-05	9.58E-06
1442	463226.3	3772669	1.47E-04	2.25E-05	9.65E-06
1443	463234.7	3772672	1.48E-04	2.26E-05	9.71E-06
1444	463243.1	3772676	1.49E-04	2.28E-05	9.77E-06
1445	463251.5	3772679	1.50E-04	2.29E-05	9.83E-06
1446	463259.9	3772682	1.51E-04	2.31E-05	9.89E-06
1447	463268.3	3772686	1.52E-04	2.32E-05	9.96E-06
1448	463276.7	3772689	1.53E-04	2.34E-05	1.00E-05
1449	463285.2	3772693	1.54E-04	2.35E-05	1.01E-05
1450	463293.6	3772696	1.55E-04	2.37E-05	1.01E-05

1451	463302	3772700	1.55E-04	2.38E-05	1.02E-05
1452	463310.4	3772703	1.56E-04	2.39E-05	1.03E-05
1453	463318.8	3772707	1.57E-04	2.41E-05	1.03E-05
1454	463327.2	3772710	1.58E-04	2.42E-05	1.04E-05
1455	463335.6	3772714	1.59E-04	2.43E-05	1.04E-05
1456	463344	3772717	1.60E-04	2.45E-05	1.05E-05
1457	463352.4	3772721	1.61E-04	2.46E-05	1.06E-05
1458	463360.8	3772724	1.62E-04	2.47E-05	1.06E-05
1459	463369.2	3772727	1.63E-04	2.49E-05	1.07E-05
1460	463377.6	3772731	1.63E-04	2.50E-05	1.07E-05
1461	463386	3772734	1.64E-04	2.51E-05	1.08E-05
1462	463394.4	3772738	1.65E-04	2.53E-05	1.08E-05
1463	463402.8	3772741	1.66E-04	2.54E-05	1.09E-05
1464	463439.2	3772812	2.12E-04	3.25E-05	1.39E-05
1465	463446.2	3772829	2.26E-04	3.47E-05	1.49E-05
1466	463453.2	3772845	2.42E-04	3.71E-05	1.59E-05
1467	463460.2	3772862	2.59E-04	3.97E-05	1.70E-05
1468	463463.6	3772871	2.68E-04	4.11E-05	1.76E-05
1469	463491.6	3772938	3.61E-04	5.52E-05	2.37E-05
1470	463495.1	3772946	3.75E-04	5.74E-05	2.46E-05
1471	463502.1	3772963	4.06E-04	6.21E-05	2.66E-05
1472	463509.1	3772980	4.40E-04	6.73E-05	2.88E-05
1473	463516.1	3772996	4.76E-04	7.29E-05	3.13E-05
1474	463523.1	3773013	5.16E-04	7.91E-05	3.39E-05
1475	463526.6	3773022	5.38E-04	8.23E-05	3.53E-05
1476	463533.6	3773038	5.82E-04	8.92E-05	3.82E-05
1477	463540.5	3773055	6.30E-04	9.64E-05	4.13E-05
1478	463547.5	3773072	6.80E-04	1.04E-04	4.46E-05
1479	463551	3773080	7.05E-04	1.08E-04	4.63E-05
1480	463558	3773097	7.58E-04	1.16E-04	4.97E-05
1481	463565	3773114	8.11E-04	1.24E-04	5.32E-05
1482	463572	3773131	8.64E-04	1.32E-04	5.67E-05
1483	463032.7	3772559	1.22E-04	1.87E-05	8.03E-06
1484	463049.4	3772566	1.22E-04	1.86E-05	7.98E-06
1485	463057.7	3772569	1.21E-04	1.86E-05	7.97E-06
1486	463066	3772573	1.21E-04	1.86E-05	7.96E-06
1487	463082.7	3772580	1.21E-04	1.86E-05	7.97E-06
1488	463091	3772583	1.22E-04	1.86E-05	7.99E-06
1489	463107.7	3772590	1.22E-04	1.87E-05	8.03E-06
1490	463116	3772593	1.23E-04	1.88E-05	8.06E-06
1491	463124.3	3772597	1.23E-04	1.89E-05	8.10E-06
1492	463141	3772604	1.25E-04	1.91E-05	8.18E-06
1493	463149.3	3772607	1.25E-04	1.92E-05	8.23E-06
1494	463165.9	3772614	1.27E-04	1.94E-05	8.33E-06
1495	463174.3	3772617	1.28E-04	1.95E-05	8.37E-06
1496	463182.6	3772621	1.28E-04	1.97E-05	8.43E-06
1497	463199.2	3772628	1.30E-04	1.99E-05	8.53E-06
1498	463207.6	3772631	1.31E-04	2.00E-05	8.58E-06
1499	463224.2	3772638	1.32E-04	2.03E-05	8.69E-06
1500	463232.6	3772641	1.33E-04	2.04E-05	8.74E-06
1501	463240.9	3772645	1.34E-04	2.05E-05	8.80E-06
1502	463257.5	3772652	1.36E-04	2.08E-05	8.90E-06

1503	463265.9	3772655	1.36E-04	2.09E-05	8.95E-06
1504	463282.5	3772662	1.38E-04	2.11E-05	9.05E-06
1505	463290.8	3772665	1.39E-04	2.12E-05	9.10E-06
1506	463299.2	3772669	1.39E-04	2.13E-05	9.15E-06
1507	463315.8	3772676	1.41E-04	2.16E-05	9.25E-06
1508	463324.1	3772679	1.42E-04	2.17E-05	9.30E-06
1509	463340.8	3772686	1.43E-04	2.19E-05	9.40E-06
1510	463349.1	3772689	1.44E-04	2.20E-05	9.45E-06
1511	463357.5	3772693	1.45E-04	2.22E-05	9.50E-06
1512	463374.1	3772700	1.46E-04	2.24E-05	9.60E-06
1513	463382.4	3772703	1.47E-04	2.25E-05	9.65E-06
1514	463399.1	3772710	1.48E-04	2.27E-05	9.74E-06
1515	463439.3	3772740	1.60E-04	2.44E-05	1.05E-05
1516	463446.2	3772757	1.69E-04	2.58E-05	1.11E-05
1517	463453.2	3772773	1.79E-04	2.73E-05	1.17E-05
1518	463460.1	3772790	1.89E-04	2.90E-05	1.24E-05
1519	463467	3772807	2.01E-04	3.08E-05	1.32E-05
1520	463473.9	3772823	2.14E-04	3.27E-05	1.40E-05
1521	463480.9	3772840	2.28E-04	3.48E-05	1.49E-05
1522	463487.8	3772857	2.43E-04	3.72E-05	1.59E-05
1523	463494.7	3772873	2.60E-04	3.97E-05	1.70E-05
1524	463522.4	3772940	3.44E-04	5.27E-05	2.26E-05
1525	463529.3	3772956	3.71E-04	5.67E-05	2.43E-05
1526	463536.3	3772973	4.00E-04	6.12E-05	2.62E-05
1527	463543.2	3772990	4.31E-04	6.60E-05	2.83E-05
1528	463550.1	3773006	4.65E-04	7.12E-05	3.05E-05
1529	463557.1	3773023	5.02E-04	7.68E-05	3.29E-05
1530	463564	3773039	5.40E-04	8.27E-05	3.55E-05
1531	463570.9	3773056	5.81E-04	8.90E-05	3.82E-05
1532	463577.8	3773073	6.24E-04	9.56E-05	4.10E-05
1533	463584.8	3773089	6.69E-04	1.02E-04	4.39E-05
1534	463591.7	3773106	7.14E-04	1.09E-04	4.69E-05
1535	463598.6	3773123	7.60E-04	1.16E-04	4.99E-05
1536	463032.8	3772519	1.08E-04	1.66E-05	7.11E-06
1537	463041.2	3772522	1.08E-04	1.65E-05	7.09E-06
1538	463049.6	3772526	1.08E-04	1.65E-05	7.07E-06
1539	463058	3772529	1.08E-04	1.65E-05	7.06E-06
1540	463066.4	3772533	1.08E-04	1.65E-05	7.06E-06
1541	463074.8	3772536	1.08E-04	1.65E-05	7.06E-06
1542	463083.2	3772540	1.08E-04	1.65E-05	7.06E-06
1543	463091.5	3772543	1.08E-04	1.65E-05	7.08E-06
1544	463099.9	3772547	1.08E-04	1.65E-05	7.09E-06
1545	463116.7	3772554	1.09E-04	1.67E-05	7.14E-06
1546	463125.1	3772557	1.09E-04	1.67E-05	7.17E-06
1547	463133.5	3772560	1.10E-04	1.68E-05	7.20E-06
1548	463141.9	3772564	1.10E-04	1.69E-05	7.24E-06
1549	463158.6	3772571	1.11E-04	1.71E-05	7.32E-06
1550	463167	3772574	1.12E-04	1.72E-05	7.36E-06
1551	463175.4	3772578	1.13E-04	1.73E-05	7.40E-06
1552	463183.8	3772581	1.13E-04	1.74E-05	7.44E-06
1553	463192.2	3772585	1.14E-04	1.75E-05	7.49E-06
1554	463200.6	3772588	1.15E-04	1.76E-05	7.53E-06

1555	463209	3772592	1.15E-04	1.77E-05	7.58E-06
1556	463217.4	3772595	1.16E-04	1.78E-05	7.62E-06
1557	463225.7	3772598	1.17E-04	1.79E-05	7.66E-06
1558	463234.1	3772602	1.17E-04	1.80E-05	7.71E-06
1559	463242.5	3772605	1.18E-04	1.81E-05	7.75E-06
1560	463250.9	3772609	1.19E-04	1.82E-05	7.79E-06
1561	463259.3	3772612	1.19E-04	1.83E-05	7.84E-06
1562	463267.7	3772616	1.20E-04	1.84E-05	7.88E-06
1563	463276.1	3772619	1.21E-04	1.85E-05	7.92E-06
1564	463284.5	3772623	1.21E-04	1.86E-05	7.96E-06
1565	463301.2	3772630	1.23E-04	1.88E-05	8.04E-06
1566	463309.6	3772633	1.23E-04	1.89E-05	8.08E-06
1567	463318	3772636	1.24E-04	1.89E-05	8.12E-06
1568	463326.4	3772640	1.24E-04	1.90E-05	8.16E-06
1569	463343.2	3772647	1.26E-04	1.92E-05	8.25E-06
1570	463351.6	3772650	1.26E-04	1.93E-05	8.29E-06
1571	463360	3772654	1.27E-04	1.94E-05	8.33E-06
1572	463368.3	3772657	1.27E-04	1.95E-05	8.37E-06
1573	463376.7	3772661	1.28E-04	1.96E-05	8.41E-06
1574	463385.1	3772664	1.29E-04	1.97E-05	8.45E-06
1575	463393.5	3772668	1.29E-04	1.98E-05	8.49E-06
1576	463401.9	3772671	1.30E-04	1.99E-05	8.53E-06
1577	463443.8	3772688	1.33E-04	2.03E-05	8.72E-06
1578	463452.2	3772692	1.33E-04	2.04E-05	8.76E-06
1579	463464.1	3772704	1.37E-04	2.10E-05	9.02E-06
1580	463467.6	3772712	1.41E-04	2.16E-05	9.24E-06
1581	463474.6	3772729	1.48E-04	2.27E-05	9.73E-06
1582	463481.5	3772745	1.56E-04	2.39E-05	1.03E-05
1583	463488.5	3772762	1.65E-04	2.52E-05	1.08E-05
1584	463495.5	3772779	1.74E-04	2.67E-05	1.14E-05
1585	463502.5	3772796	1.85E-04	2.82E-05	1.21E-05
1586	463509.5	3772812	1.96E-04	2.99E-05	1.28E-05
1587	463516.4	3772829	2.08E-04	3.18E-05	1.36E-05
1588	463523.4	3772846	2.21E-04	3.38E-05	1.45E-05
1589	463530.4	3772863	2.35E-04	3.60E-05	1.54E-05
1590	463558.3	3772930	3.07E-04	4.70E-05	2.01E-05
1591	463565.3	3772946	3.29E-04	5.04E-05	2.16E-05
1592	463572.2	3772963	3.53E-04	5.41E-05	2.32E-05
1593	463579.2	3772980	3.79E-04	5.80E-05	2.49E-05
1594	463586.2	3772997	4.07E-04	6.24E-05	2.67E-05
1595	463593.2	3773013	4.38E-04	6.70E-05	2.87E-05
1596	463600.2	3773030	4.70E-04	7.19E-05	3.08E-05
1597	463607.1	3773047	5.04E-04	7.71E-05	3.31E-05
1598	463610.6	3773055	5.21E-04	7.98E-05	3.42E-05
1599	463617.6	3773072	5.57E-04	8.53E-05	3.66E-05
1600	463624.6	3773089	5.94E-04	9.10E-05	3.90E-05
1601	463631.6	3773105	6.33E-04	9.68E-05	4.15E-05
1602	463638.5	3773122	6.71E-04	1.03E-04	4.40E-05
1603	463032.5	3772479	9.69E-05	1.48E-05	6.36E-06
1604	463049.1	3772486	9.64E-05	1.48E-05	6.32E-06
1605	463065.7	3772493	9.61E-05	1.47E-05	6.31E-06
1606	463082.3	3772499	9.62E-05	1.47E-05	6.31E-06

1607	463098.8	3772506	9.66E-05	1.48E-05	6.34E-06
1608	463107.1	3772510	9.68E-05	1.48E-05	6.35E-06
1609	463123.7	3772516	9.75E-05	1.49E-05	6.40E-06
1610	463140.3	3772523	9.83E-05	1.51E-05	6.45E-06
1611	463156.9	3772530	9.94E-05	1.52E-05	6.52E-06
1612	463173.5	3772537	1.00E-04	1.54E-05	6.59E-06
1613	463190.1	3772544	1.02E-04	1.55E-05	6.66E-06
1614	463206.7	3772551	1.03E-04	1.57E-05	6.74E-06
1615	463223.3	3772557	1.04E-04	1.59E-05	6.81E-06
1616	463239.9	3772564	1.05E-04	1.61E-05	6.88E-06
1617	463256.5	3772571	1.06E-04	1.62E-05	6.96E-06
1618	463273.1	3772578	1.07E-04	1.64E-05	7.02E-06
1619	463281.4	3772581	1.08E-04	1.65E-05	7.06E-06
1620	463298	3772588	1.09E-04	1.66E-05	7.13E-06
1621	463314.6	3772595	1.10E-04	1.68E-05	7.19E-06
1622	463331.2	3772602	1.11E-04	1.69E-05	7.25E-06
1623	463347.8	3772609	1.12E-04	1.71E-05	7.32E-06
1624	463364.4	3772616	1.13E-04	1.72E-05	7.38E-06
1625	463381	3772622	1.13E-04	1.74E-05	7.45E-06
1626	463397.6	3772629	1.14E-04	1.75E-05	7.51E-06
1627	463439.1	3772646	1.17E-04	1.79E-05	7.67E-06
1628	463455.6	3772653	1.18E-04	1.80E-05	7.74E-06
1629	463472.2	3772660	1.19E-04	1.82E-05	7.80E-06
1630	463492.3	3772675	1.23E-04	1.88E-05	8.04E-06
1631	463495.7	3772683	1.25E-04	1.92E-05	8.23E-06
1632	463502.6	3772700	1.31E-04	2.01E-05	8.62E-06
1633	463509.5	3772717	1.38E-04	2.11E-05	9.05E-06
1634	463516.4	3772733	1.45E-04	2.22E-05	9.50E-06
1635	463519.9	3772741	1.48E-04	2.27E-05	9.74E-06
1636	463526.8	3772758	1.56E-04	2.39E-05	1.03E-05
1637	463533.7	3772775	1.65E-04	2.52E-05	1.08E-05
1638	463540.6	3772791	1.74E-04	2.66E-05	1.14E-05
1639	463547.5	3772808	1.84E-04	2.81E-05	1.20E-05
1640	463554.4	3772824	1.94E-04	2.97E-05	1.27E-05
1641	463561.3	3772841	2.06E-04	3.15E-05	1.35E-05
1642	463568.2	3772857	2.18E-04	3.34E-05	1.43E-05
1643	463571.7	3772866	2.25E-04	3.44E-05	1.48E-05
1644	463599.3	3772932	2.89E-04	4.42E-05	1.90E-05
1645	463606.2	3772948	3.08E-04	4.72E-05	2.02E-05
1646	463613.1	3772965	3.29E-04	5.04E-05	2.16E-05
1647	463620	3772982	3.52E-04	5.39E-05	2.31E-05
1648	463623.4	3772990	3.64E-04	5.57E-05	2.39E-05
1649	463630.3	3773006	3.89E-04	5.95E-05	2.55E-05
1650	463637.2	3773023	4.15E-04	6.36E-05	2.72E-05
1651	463644.1	3773040	4.43E-04	6.78E-05	2.91E-05
1652	463647.6	3773048	4.58E-04	7.01E-05	3.00E-05
1653	463654.5	3773064	4.87E-04	7.46E-05	3.20E-05
1654	463661.4	3773081	5.18E-04	7.93E-05	3.40E-05
1655	463668.3	3773098	5.50E-04	8.42E-05	3.61E-05
1656	463675.2	3773114	5.81E-04	8.90E-05	3.82E-05
1657	463682.1	3773131	6.13E-04	9.39E-05	4.03E-05
1658	463032.6	3772439	8.73E-05	1.34E-05	5.73E-06

1659	463040.9	3772442	8.70E-05	1.33E-05	5.71E-06
1660	463124.4	3772477	8.78E-05	1.34E-05	5.76E-06
1661	463132.8	3772480	8.82E-05	1.35E-05	5.79E-06
1662	463141.2	3772484	8.86E-05	1.36E-05	5.81E-06
1663	463149.5	3772487	8.90E-05	1.36E-05	5.84E-06
1664	463166.2	3772494	8.99E-05	1.38E-05	5.90E-06
1665	463174.6	3772497	9.04E-05	1.38E-05	5.93E-06
1666	463182.9	3772501	9.09E-05	1.39E-05	5.96E-06
1667	463199.6	3772508	9.18E-05	1.41E-05	6.03E-06
1668	463208	3772511	9.24E-05	1.41E-05	6.06E-06
1669	463216.3	3772515	9.29E-05	1.42E-05	6.09E-06
1670	463233	3772522	9.38E-05	1.44E-05	6.16E-06
1671	463241.4	3772525	9.43E-05	1.44E-05	6.19E-06
1672	463249.7	3772528	9.48E-05	1.45E-05	6.22E-06
1673	463266.5	3772535	9.57E-05	1.46E-05	6.28E-06
1674	463274.8	3772539	9.61E-05	1.47E-05	6.31E-06
1675	463283.2	3772542	9.66E-05	1.48E-05	6.34E-06
1676	463299.9	3772549	9.75E-05	1.49E-05	6.40E-06
1677	463308.2	3772552	9.79E-05	1.50E-05	6.42E-06
1678	463316.6	3772556	9.83E-05	1.50E-05	6.45E-06
1679	463333.3	3772563	9.91E-05	1.52E-05	6.50E-06
1680	463341.6	3772566	9.95E-05	1.52E-05	6.53E-06
1681	463350	3772570	9.99E-05	1.53E-05	6.55E-06
1682	463358.3	3772573	1.00E-04	1.53E-05	6.58E-06
1683	463375.1	3772580	1.01E-04	1.55E-05	6.63E-06
1684	463383.4	3772583	1.01E-04	1.55E-05	6.66E-06
1685	463391.8	3772587	1.02E-04	1.56E-05	6.69E-06
1686	463441.9	3772608	1.04E-04	1.60E-05	6.85E-06
1687	463450.2	3772611	1.05E-04	1.60E-05	6.87E-06
1688	463458.6	3772614	1.05E-04	1.61E-05	6.90E-06
1689	463475.3	3772621	1.06E-04	1.62E-05	6.95E-06
1690	463483.7	3772625	1.06E-04	1.63E-05	6.98E-06
1691	463492	3772628	1.07E-04	1.63E-05	7.01E-06
1692	463508.7	3772635	1.08E-04	1.65E-05	7.06E-06
1693	463520.5	3772647	1.10E-04	1.69E-05	7.24E-06
1694	463524	3772655	1.13E-04	1.72E-05	7.39E-06
1695	463531	3772672	1.18E-04	1.80E-05	7.72E-06
1696	463534.4	3772680	1.20E-04	1.84E-05	7.89E-06
1697	463541.4	3772697	1.26E-04	1.93E-05	8.26E-06
1698	463544.9	3772705	1.29E-04	1.97E-05	8.45E-06
1699	463551.8	3772722	1.35E-04	2.07E-05	8.86E-06
1700	463558.8	3772739	1.42E-04	2.17E-05	9.30E-06
1701	463562.2	3772747	1.45E-04	2.22E-05	9.53E-06
1702	463569.2	3772764	1.53E-04	2.34E-05	1.00E-05
1703	463572.7	3772772	1.57E-04	2.40E-05	1.03E-05
1704	463579.6	3772789	1.65E-04	2.52E-05	1.08E-05
1705	463583.1	3772797	1.69E-04	2.59E-05	1.11E-05
1706	463590	3772814	1.79E-04	2.73E-05	1.17E-05
1707	463593.5	3772822	1.83E-04	2.81E-05	1.20E-05
1708	463600.4	3772839	1.94E-04	2.97E-05	1.27E-05
1709	463607.4	3772855	2.05E-04	3.14E-05	1.35E-05
1710	463610.9	3772864	2.11E-04	3.23E-05	1.39E-05

1711	463638.7	3772930	2.68E-04	4.10E-05	1.76E-05
1712	463642.1	3772939	2.77E-04	4.23E-05	1.81E-05
1713	463649.1	3772955	2.94E-04	4.51E-05	1.93E-05
1714	463656	3772972	3.13E-04	4.80E-05	2.06E-05
1715	463659.5	3772980	3.24E-04	4.95E-05	2.12E-05
1716	463666.5	3772997	3.45E-04	5.27E-05	2.26E-05
1717	463669.9	3773005	3.55E-04	5.44E-05	2.33E-05
1718	463676.9	3773022	3.78E-04	5.79E-05	2.48E-05
1719	463680.4	3773030	3.90E-04	5.97E-05	2.56E-05
1720	463687.3	3773047	4.15E-04	6.35E-05	2.72E-05
1721	463690.8	3773055	4.27E-04	6.54E-05	2.81E-05
1722	463697.7	3773072	4.53E-04	6.94E-05	2.98E-05
1723	463704.7	3773089	4.80E-04	7.35E-05	3.15E-05
1724	463708.1	3773097	4.93E-04	7.55E-05	3.24E-05
1725	463715.1	3773114	5.21E-04	7.97E-05	3.42E-05
1726	463718.6	3773122	5.34E-04	8.18E-05	3.51E-05
1727	463725.5	3773139	5.61E-04	8.60E-05	3.68E-05
1728	463032.6	3772399	7.92E-05	1.21E-05	5.20E-06
1729	463041	3772403	7.90E-05	1.21E-05	5.18E-06
1730	463049.4	3772406	7.88E-05	1.21E-05	5.17E-06
1731	463057.8	3772409	7.87E-05	1.20E-05	5.16E-06
1732	463066.2	3772413	7.87E-05	1.20E-05	5.16E-06
1733	463074.6	3772416	7.87E-05	1.20E-05	5.16E-06
1734	463083	3772420	7.87E-05	1.20E-05	5.16E-06
1735	463091.5	3772423	7.88E-05	1.21E-05	5.17E-06
1736	463099.9	3772427	7.90E-05	1.21E-05	5.18E-06
1737	463108.3	3772430	7.92E-05	1.21E-05	5.20E-06
1738	463116.7	3772434	7.94E-05	1.22E-05	5.21E-06
1739	463125.1	3772437	7.97E-05	1.22E-05	5.23E-06
1740	463133.5	3772441	8.00E-05	1.22E-05	5.25E-06
1741	463217.5	3772475	8.41E-05	1.29E-05	5.52E-06
1742	463225.9	3772479	8.46E-05	1.29E-05	5.55E-06
1743	463234.3	3772482	8.50E-05	1.30E-05	5.58E-06
1744	463242.7	3772486	8.54E-05	1.31E-05	5.61E-06
1745	463251.1	3772489	8.59E-05	1.31E-05	5.63E-06
1746	463259.5	3772492	8.63E-05	1.32E-05	5.66E-06
1747	463267.9	3772496	8.67E-05	1.33E-05	5.69E-06
1748	463276.4	3772499	8.71E-05	1.33E-05	5.71E-06
1749	463284.8	3772503	8.74E-05	1.34E-05	5.74E-06
1750	463293.2	3772506	8.78E-05	1.34E-05	5.76E-06
1751	463301.6	3772510	8.82E-05	1.35E-05	5.79E-06
1752	463310	3772513	8.85E-05	1.36E-05	5.81E-06
1753	463318.4	3772517	8.89E-05	1.36E-05	5.83E-06
1754	463326.8	3772520	8.92E-05	1.37E-05	5.86E-06
1755	463335.2	3772524	8.96E-05	1.37E-05	5.88E-06
1756	463343.6	3772527	8.99E-05	1.38E-05	5.90E-06
1757	463352	3772531	9.03E-05	1.38E-05	5.92E-06
1758	463360.4	3772534	9.06E-05	1.39E-05	5.94E-06
1759	463368.8	3772537	9.09E-05	1.39E-05	5.97E-06
1760	463377.2	3772541	9.12E-05	1.40E-05	5.99E-06
1761	463385.6	3772544	9.16E-05	1.40E-05	6.01E-06
1762	463394	3772548	9.19E-05	1.41E-05	6.03E-06

1763	463402.4	3772551	9.22E-05	1.41E-05	6.05E-06
1764	463444.4	3772569	9.39E-05	1.44E-05	6.16E-06
1765	463452.8	3772572	9.42E-05	1.44E-05	6.18E-06
1766	463461.2	3772576	9.46E-05	1.45E-05	6.21E-06
1767	463469.7	3772579	9.49E-05	1.45E-05	6.23E-06
1768	463478.1	3772582	9.53E-05	1.46E-05	6.25E-06
1769	463486.5	3772586	9.56E-05	1.46E-05	6.27E-06
1770	463494.9	3772589	9.60E-05	1.47E-05	6.30E-06
1771	463511.7	3772596	9.66E-05	1.48E-05	6.34E-06
1772	463520.1	3772600	9.69E-05	1.48E-05	6.36E-06
1773	463528.5	3772603	9.73E-05	1.49E-05	6.39E-06
1774	463536.9	3772607	9.76E-05	1.49E-05	6.41E-06
1775	463548.8	3772619	9.99E-05	1.53E-05	6.56E-06
1776	463552.3	3772627	1.02E-04	1.56E-05	6.69E-06
1777	463559.3	3772644	1.06E-04	1.63E-05	6.97E-06
1778	463566.3	3772660	1.11E-04	1.70E-05	7.27E-06
1779	463569.8	3772669	1.13E-04	1.73E-05	7.42E-06
1780	463576.8	3772686	1.18E-04	1.81E-05	7.75E-06
1781	463583.7	3772702	1.24E-04	1.89E-05	8.10E-06
1782	463590.7	3772719	1.29E-04	1.98E-05	8.48E-06
1783	463597.7	3772736	1.35E-04	2.07E-05	8.88E-06
1784	463601.2	3772744	1.39E-04	2.12E-05	9.10E-06
1785	463608.2	3772761	1.45E-04	2.23E-05	9.55E-06
1786	463615.2	3772778	1.53E-04	2.34E-05	1.00E-05
1787	463622.2	3772795	1.61E-04	2.46E-05	1.05E-05
1788	463629.2	3772812	1.69E-04	2.59E-05	1.11E-05
1789	463632.7	3772820	1.74E-04	2.66E-05	1.14E-05
1790	463639.7	3772837	1.83E-04	2.80E-05	1.20E-05
1791	463646.7	3772853	1.93E-04	2.96E-05	1.27E-05
1792	463653.6	3772870	2.04E-04	3.13E-05	1.34E-05
1793	463657.1	3772879	2.10E-04	3.22E-05	1.38E-05
1794	463678.1	3772929	2.50E-04	3.82E-05	1.64E-05
1795	463685.1	3772946	2.65E-04	4.05E-05	1.74E-05
1796	463688.6	3772954	2.73E-04	4.18E-05	1.79E-05
1797	463695.6	3772971	2.90E-04	4.43E-05	1.90E-05
1798	463702.6	3772988	3.07E-04	4.71E-05	2.02E-05
1799	463709.6	3773004	3.26E-04	4.99E-05	2.14E-05
1800	463716.6	3773021	3.46E-04	5.30E-05	2.27E-05
1801	463720.1	3773030	3.56E-04	5.46E-05	2.34E-05
1802	463727	3773046	3.78E-04	5.78E-05	2.48E-05
1803	463734	3773063	4.00E-04	6.12E-05	2.62E-05
1804	463741	3773080	4.22E-04	6.46E-05	2.77E-05
1805	463744.5	3773088	4.34E-04	6.64E-05	2.85E-05
1806	463751.5	3773105	4.57E-04	7.00E-05	3.00E-05
1807	463758.5	3773122	4.81E-04	7.36E-05	3.15E-05
1808	463032.3	3772359	7.23E-05	1.11E-05	4.75E-06
1809	463049	3772366	7.20E-05	1.10E-05	4.72E-06
1810	463057.3	3772369	7.19E-05	1.10E-05	4.72E-06
1811	463065.6	3772373	7.18E-05	1.10E-05	4.71E-06
1812	463082.3	3772380	7.19E-05	1.10E-05	4.72E-06
1813	463090.6	3772383	7.20E-05	1.10E-05	4.72E-06
1814	463107.2	3772390	7.23E-05	1.11E-05	4.74E-06

1815	463115.6	3772393	7.25E-05	1.11E-05	4.76E-06
1816	463123.9	3772397	7.27E-05	1.11E-05	4.77E-06
1817	463140.5	3772404	7.33E-05	1.12E-05	4.81E-06
1818	463148.9	3772407	7.36E-05	1.13E-05	4.83E-06
1819	463165.5	3772414	7.43E-05	1.14E-05	4.88E-06
1820	463173.9	3772417	7.47E-05	1.14E-05	4.90E-06
1821	463182.2	3772421	7.51E-05	1.15E-05	4.93E-06
1822	463198.8	3772428	7.58E-05	1.16E-05	4.97E-06
1823	463207.2	3772431	7.62E-05	1.17E-05	5.00E-06
1824	463223.8	3772438	7.70E-05	1.18E-05	5.05E-06
1825	463315.4	3772476	8.09E-05	1.24E-05	5.31E-06
1826	463323.7	3772479	8.11E-05	1.24E-05	5.32E-06
1827	463340.4	3772486	8.17E-05	1.25E-05	5.36E-06
1828	463348.7	3772489	8.20E-05	1.26E-05	5.38E-06
1829	463357	3772493	8.23E-05	1.26E-05	5.40E-06
1830	463373.7	3772500	8.28E-05	1.27E-05	5.43E-06
1831	463382	3772503	8.31E-05	1.27E-05	5.45E-06
1832	463398.7	3772510	8.36E-05	1.28E-05	5.49E-06
1833	463440.3	3772527	8.50E-05	1.30E-05	5.58E-06
1834	463456.9	3772534	8.55E-05	1.31E-05	5.61E-06
1835	463465.3	3772537	8.58E-05	1.31E-05	5.63E-06
1836	463473.6	3772541	8.61E-05	1.32E-05	5.65E-06
1837	463490.3	3772548	8.67E-05	1.33E-05	5.69E-06
1838	463498.6	3772551	8.69E-05	1.33E-05	5.70E-06
1839	463506.9	3772554	8.72E-05	1.34E-05	5.72E-06
1840	463523.6	3772561	8.78E-05	1.34E-05	5.76E-06
1841	463531.9	3772565	8.81E-05	1.35E-05	5.78E-06
1842	463548.5	3772572	8.87E-05	1.36E-05	5.82E-06
1843	463556.9	3772575	8.89E-05	1.36E-05	5.84E-06
1844	463565.2	3772578	8.92E-05	1.37E-05	5.86E-06
1845	463577	3772590	9.11E-05	1.40E-05	5.98E-06
1846	463580.4	3772598	9.29E-05	1.42E-05	6.09E-06
1847	463587.4	3772615	9.64E-05	1.48E-05	6.33E-06
1848	463594.3	3772632	1.00E-04	1.53E-05	6.58E-06
1849	463601.2	3772648	1.04E-04	1.60E-05	6.84E-06
1850	463608.1	3772665	1.09E-04	1.66E-05	7.12E-06
1851	463615.1	3772682	1.13E-04	1.73E-05	7.42E-06
1852	463622	3772698	1.18E-04	1.81E-05	7.74E-06
1853	463628.9	3772715	1.23E-04	1.89E-05	8.09E-06
1854	463635.8	3772731	1.29E-04	1.97E-05	8.45E-06
1855	463642.8	3772748	1.35E-04	2.06E-05	8.84E-06
1856	463649.7	3772765	1.41E-04	2.16E-05	9.26E-06
1857	463656.6	3772781	1.48E-04	2.26E-05	9.71E-06
1858	463663.6	3772798	1.55E-04	2.38E-05	1.02E-05
1859	463670.5	3772815	1.63E-04	2.49E-05	1.07E-05
1860	463677.4	3772831	1.71E-04	2.62E-05	1.12E-05
1861	463684.3	3772848	1.80E-04	2.76E-05	1.18E-05
1862	463691.3	3772864	1.90E-04	2.91E-05	1.25E-05
1863	463719	3772931	2.36E-04	3.61E-05	1.55E-05
1864	463725.9	3772948	2.49E-04	3.81E-05	1.63E-05
1865	463732.8	3772964	2.63E-04	4.03E-05	1.73E-05
1866	463739.7	3772981	2.78E-04	4.26E-05	1.83E-05

1867	463746.7	3772997	2.94E-04	4.51E-05	1.93E-05
1868	463753.6	3773014	3.11E-04	4.76E-05	2.04E-05
1869	463760.5	3773031	3.29E-04	5.03E-05	2.16E-05
1870	463767.4	3773047	3.47E-04	5.31E-05	2.28E-05
1871	463774.4	3773064	3.66E-04	5.60E-05	2.40E-05
1872	463781.3	3773081	3.85E-04	5.90E-05	2.53E-05
1873	463788.2	3773097	4.05E-04	6.20E-05	2.66E-05
1874	463795.1	3773114	4.25E-04	6.51E-05	2.79E-05
1875	463802.1	3773130	4.45E-04	6.81E-05	2.92E-05
1876	463032.4	3772319	6.64E-05	1.02E-05	4.36E-06
1877	463040.7	3772322	6.62E-05	1.01E-05	4.35E-06
1878	463049.1	3772326	6.61E-05	1.01E-05	4.34E-06
1879	463065.9	3772333	6.60E-05	1.01E-05	4.33E-06
1880	463074.2	3772336	6.60E-05	1.01E-05	4.33E-06
1881	463082.6	3772340	6.60E-05	1.01E-05	4.33E-06
1882	463091	3772343	6.61E-05	1.01E-05	4.34E-06
1883	463107.7	3772350	6.64E-05	1.02E-05	4.36E-06
1884	463116.1	3772353	6.65E-05	1.02E-05	4.37E-06
1885	463124.5	3772357	6.68E-05	1.02E-05	4.38E-06
1886	463141.2	3772364	6.73E-05	1.03E-05	4.42E-06
1887	463149.6	3772367	6.76E-05	1.03E-05	4.43E-06
1888	463158	3772371	6.79E-05	1.04E-05	4.45E-06
1889	463166.3	3772374	6.82E-05	1.04E-05	4.47E-06
1890	463183.1	3772381	6.89E-05	1.05E-05	4.52E-06
1891	463191.5	3772385	6.92E-05	1.06E-05	4.54E-06
1892	463199.8	3772388	6.96E-05	1.07E-05	4.57E-06
1893	463208.2	3772391	7.00E-05	1.07E-05	4.59E-06
1894	463224.9	3772398	7.07E-05	1.08E-05	4.64E-06
1895	463233.3	3772402	7.10E-05	1.09E-05	4.66E-06
1896	463241.7	3772405	7.14E-05	1.09E-05	4.68E-06
1897	463250.1	3772409	7.17E-05	1.10E-05	4.71E-06
1898	463266.8	3772416	7.24E-05	1.11E-05	4.75E-06
1899	463275.2	3772419	7.27E-05	1.11E-05	4.77E-06
1900	463283.6	3772422	7.30E-05	1.12E-05	4.79E-06
1901	463291.9	3772426	7.33E-05	1.12E-05	4.81E-06
1902	463308.7	3772433	7.39E-05	1.13E-05	4.85E-06
1903	463317.1	3772436	7.42E-05	1.14E-05	4.87E-06
1904	463442.7	3772488	7.77E-05	1.19E-05	5.10E-06
1905	463451	3772491	7.79E-05	1.19E-05	5.11E-06
1906	463467.8	3772498	7.84E-05	1.20E-05	5.14E-06
1907	463476.1	3772502	7.86E-05	1.20E-05	5.16E-06
1908	463484.5	3772505	7.88E-05	1.21E-05	5.17E-06
1909	463492.9	3772509	7.91E-05	1.21E-05	5.19E-06
1910	463509.6	3772516	7.95E-05	1.22E-05	5.22E-06
1911	463518	3772519	7.98E-05	1.22E-05	5.24E-06
1912	463526.4	3772522	8.00E-05	1.22E-05	5.25E-06
1913	463534.8	3772526	8.03E-05	1.23E-05	5.27E-06
1914	463551.5	3772533	8.08E-05	1.24E-05	5.30E-06
1915	463559.9	3772536	8.10E-05	1.24E-05	5.32E-06
1916	463568.3	3772540	8.13E-05	1.24E-05	5.33E-06
1917	463585	3772547	8.17E-05	1.25E-05	5.36E-06
1918	463593.4	3772550	8.20E-05	1.25E-05	5.38E-06

1919	463605.2	3772562	8.37E-05	1.28E-05	5.49E-06
1920	463608.7	3772570	8.52E-05	1.30E-05	5.59E-06
1921	463615.7	3772587	8.82E-05	1.35E-05	5.79E-06
1922	463622.6	3772604	9.15E-05	1.40E-05	6.00E-06
1923	463626.1	3772612	9.32E-05	1.43E-05	6.11E-06
1924	463633.1	3772629	9.67E-05	1.48E-05	6.35E-06
1925	463640.1	3772645	1.00E-04	1.54E-05	6.59E-06
1926	463647	3772662	1.05E-04	1.60E-05	6.86E-06
1927	463654	3772679	1.09E-04	1.67E-05	7.14E-06
1928	463657.5	3772687	1.11E-04	1.70E-05	7.29E-06
1929	463664.4	3772704	1.16E-04	1.77E-05	7.59E-06
1930	463671.4	3772721	1.21E-04	1.85E-05	7.92E-06
1931	463678.4	3772737	1.26E-04	1.93E-05	8.27E-06
1932	463681.8	3772746	1.29E-04	1.97E-05	8.45E-06
1933	463688.8	3772762	1.35E-04	2.06E-05	8.84E-06
1934	463695.8	3772779	1.41E-04	2.16E-05	9.25E-06
1935	463702.7	3772796	1.48E-04	2.26E-05	9.69E-06
1936	463709.7	3772813	1.55E-04	2.37E-05	1.02E-05
1937	463713.2	3772821	1.58E-04	2.43E-05	1.04E-05
1938	463720.1	3772838	1.66E-04	2.55E-05	1.09E-05
1939	463727.1	3772854	1.75E-04	2.67E-05	1.15E-05
1940	463734.1	3772871	1.84E-04	2.81E-05	1.21E-05
1941	463758.5	3772930	2.20E-04	3.37E-05	1.44E-05
1942	463761.9	3772938	2.26E-04	3.46E-05	1.48E-05
1943	463768.9	3772955	2.38E-04	3.65E-05	1.56E-05
1944	463775.9	3772971	2.51E-04	3.85E-05	1.65E-05
1945	463782.8	3772988	2.65E-04	4.06E-05	1.74E-05
1946	463789.8	3773005	2.80E-04	4.28E-05	1.83E-05
1947	463793.3	3773013	2.87E-04	4.39E-05	1.88E-05
1948	463800.2	3773030	3.03E-04	4.63E-05	1.99E-05
1949	463807.2	3773047	3.19E-04	4.88E-05	2.09E-05
1950	463814.2	3773063	3.35E-04	5.13E-05	2.20E-05
1951	463817.7	3773072	3.44E-04	5.26E-05	2.25E-05
1952	463824.6	3773088	3.61E-04	5.52E-05	2.37E-05
1953	463831.6	3773105	3.78E-04	5.79E-05	2.48E-05
1954	463838.5	3773122	3.95E-04	6.05E-05	2.60E-05
1955	463845.5	3773139	4.13E-04	6.32E-05	2.71E-05
1956	463032.1	3772279	6.13E-05	9.38E-06	4.02E-06
1957	463048.7	3772286	6.10E-05	9.34E-06	4.00E-06
1958	463065.3	3772293	6.09E-05	9.33E-06	4.00E-06
1959	463073.6	3772296	6.09E-05	9.32E-06	4.00E-06
1960	463090.2	3772303	6.10E-05	9.34E-06	4.00E-06
1961	463098.5	3772306	6.11E-05	9.36E-06	4.01E-06
1962	463106.8	3772310	6.13E-05	9.38E-06	4.02E-06
1963	463123.4	3772317	6.16E-05	9.43E-06	4.04E-06
1964	463131.7	3772320	6.18E-05	9.46E-06	4.06E-06
1965	463148.3	3772327	6.23E-05	9.54E-06	4.09E-06
1966	463156.6	3772330	6.26E-05	9.58E-06	4.11E-06
1967	463173.2	3772337	6.31E-05	9.66E-06	4.14E-06
1968	463189.8	3772344	6.37E-05	9.76E-06	4.18E-06
1969	463206.5	3772351	6.44E-05	9.86E-06	4.23E-06
1970	463214.8	3772354	6.48E-05	9.91E-06	4.25E-06

1971	463231.4	3772361	6.54E-05	1.00E-05	4.29E-06
1972	463248	3772368	6.60E-05	1.01E-05	4.33E-06
1973	463256.3	3772371	6.64E-05	1.02E-05	4.35E-06
1974	463264.6	3772375	6.66E-05	1.02E-05	4.37E-06
1975	463281.2	3772382	6.72E-05	1.03E-05	4.41E-06
1976	463289.5	3772385	6.75E-05	1.03E-05	4.43E-06
1977	463306.1	3772392	6.81E-05	1.04E-05	4.47E-06
1978	463314.4	3772395	6.83E-05	1.05E-05	4.48E-06
1979	463331	3772402	6.88E-05	1.05E-05	4.51E-06
1980	463339.3	3772405	6.90E-05	1.06E-05	4.53E-06
1981	463355.9	3772412	6.94E-05	1.06E-05	4.56E-06
1982	463372.5	3772419	6.99E-05	1.07E-05	4.58E-06
1983	463380.8	3772423	7.01E-05	1.07E-05	4.60E-06
1984	463389.1	3772426	7.02E-05	1.08E-05	4.61E-06
1985	463488.8	3772467	7.25E-05	1.11E-05	4.76E-06
1986	463497.1	3772470	7.27E-05	1.11E-05	4.77E-06
1987	463513.7	3772477	7.30E-05	1.12E-05	4.79E-06
1988	463530.3	3772484	7.35E-05	1.12E-05	4.82E-06
1989	463538.6	3772488	7.37E-05	1.13E-05	4.83E-06
1990	463546.9	3772491	7.39E-05	1.13E-05	4.85E-06
1991	463563.5	3772498	7.43E-05	1.14E-05	4.87E-06
1992	463571.8	3772501	7.45E-05	1.14E-05	4.89E-06
1993	463588.4	3772508	7.49E-05	1.15E-05	4.92E-06
1994	463596.8	3772511	7.51E-05	1.15E-05	4.93E-06
1995	463613.4	3772518	7.55E-05	1.16E-05	4.96E-06
1996	463621.7	3772522	7.58E-05	1.16E-05	4.97E-06
1997	463633.4	3772533	7.72E-05	1.18E-05	5.07E-06
1998	463640.3	3772550	7.97E-05	1.22E-05	5.23E-06
1999	463647.2	3772567	8.24E-05	1.26E-05	5.41E-06
2000	463654.1	3772583	8.53E-05	1.31E-05	5.60E-06
2001	463661.1	3772600	8.83E-05	1.35E-05	5.80E-06
2002	463668	3772616	9.15E-05	1.40E-05	6.01E-06
2003	463674.9	3772633	9.49E-05	1.45E-05	6.23E-06
2004	463681.8	3772649	9.85E-05	1.51E-05	6.46E-06
2005	463688.7	3772666	1.02E-04	1.57E-05	6.71E-06
2006	463695.6	3772683	1.06E-04	1.63E-05	6.98E-06
2007	463702.5	3772699	1.11E-04	1.69E-05	7.25E-06
2008	463709.4	3772716	1.15E-04	1.76E-05	7.55E-06
2009	463716.3	3772732	1.20E-04	1.84E-05	7.87E-06
2010	463719.8	3772741	1.22E-04	1.87E-05	8.03E-06
2011	463726.7	3772757	1.28E-04	1.95E-05	8.38E-06
2012	463733.6	3772774	1.33E-04	2.04E-05	8.75E-06
2013	463740.5	3772790	1.39E-04	2.13E-05	9.14E-06
2014	463747.4	3772807	1.46E-04	2.23E-05	9.56E-06
2015	463754.3	3772824	1.52E-04	2.33E-05	1.00E-05
2016	463761.2	3772840	1.60E-04	2.44E-05	1.05E-05
2017	463768.1	3772857	1.67E-04	2.56E-05	1.10E-05
2018	463775	3772873	1.75E-04	2.68E-05	1.15E-05
2019	463802.7	3772940	2.13E-04	3.27E-05	1.40E-05
2020	463806.1	3772948	2.19E-04	3.35E-05	1.43E-05
2021	463813	3772964	2.30E-04	3.52E-05	1.51E-05
2022	463819.9	3772981	2.42E-04	3.70E-05	1.59E-05

2023	463826.8	3772998	2.54E-04	3.89E-05	1.67E-05
2024	463833.7	3773014	2.67E-04	4.09E-05	1.75E-05
2025	463840.6	3773031	2.81E-04	4.30E-05	1.84E-05
2026	463847.5	3773047	2.95E-04	4.51E-05	1.93E-05
2027	463854.5	3773064	3.09E-04	4.73E-05	2.03E-05
2028	463861.4	3773081	3.24E-04	4.96E-05	2.13E-05
2029	463868.3	3773097	3.39E-04	5.19E-05	2.22E-05
2030	463875.2	3773114	3.54E-04	5.42E-05	2.32E-05
2031	463882.1	3773130	3.69E-04	5.65E-05	2.42E-05
2032	463107.2	3772270	5.68E-05	8.70E-06	3.73E-06
2033	463123.9	3772277	5.71E-05	8.74E-06	3.75E-06
2034	463132.3	3772280	5.73E-05	8.78E-06	3.76E-06
2035	463140.6	3772284	5.75E-05	8.81E-06	3.77E-06
2036	463157.3	3772291	5.80E-05	8.88E-06	3.81E-06
2037	463165.7	3772294	5.83E-05	8.92E-06	3.82E-06
2038	463174	3772297	5.85E-05	8.96E-06	3.84E-06
2039	463190.7	3772304	5.91E-05	9.05E-06	3.88E-06
2040	463199.1	3772308	5.94E-05	9.09E-06	3.90E-06
2041	463207.4	3772311	5.97E-05	9.14E-06	3.92E-06
2042	463224.1	3772318	6.03E-05	9.23E-06	3.96E-06
2043	463232.5	3772321	6.06E-05	9.28E-06	3.98E-06
2044	463240.8	3772325	6.09E-05	9.33E-06	4.00E-06
2045	463257.5	3772332	6.15E-05	9.41E-06	4.04E-06
2046	463265.9	3772335	6.18E-05	9.46E-06	4.05E-06
2047	463274.2	3772339	6.21E-05	9.50E-06	4.07E-06
2048	463290.9	3772346	6.26E-05	9.59E-06	4.11E-06
2049	463299.2	3772349	6.28E-05	9.62E-06	4.12E-06
2050	463307.6	3772352	6.31E-05	9.66E-06	4.14E-06
2051	463324.3	3772359	6.36E-05	9.74E-06	4.17E-06
2052	463332.6	3772363	6.38E-05	9.76E-06	4.19E-06
2053	463341	3772366	6.40E-05	9.80E-06	4.20E-06
2054	463357.7	3772373	6.44E-05	9.86E-06	4.23E-06
2055	463366	3772376	6.46E-05	9.89E-06	4.24E-06
2056	463374.4	3772380	6.48E-05	9.91E-06	4.25E-06
2057	463391.1	3772387	6.51E-05	9.96E-06	4.27E-06
2058	463399.4	3772390	6.53E-05	9.99E-06	4.28E-06
2059	463407.8	3772394	6.54E-05	1.00E-05	4.29E-06
2060	463591.4	3772469	6.90E-05	1.06E-05	4.53E-06
2061	463599.8	3772473	6.92E-05	1.06E-05	4.54E-06
2062	463608.1	3772476	6.94E-05	1.06E-05	4.55E-06
2063	463624.8	3772483	6.98E-05	1.07E-05	4.58E-06
2064	463633.2	3772486	7.00E-05	1.07E-05	4.59E-06
2065	463641.5	3772490	7.01E-05	1.07E-05	4.60E-06
2066	463661.7	3772505	7.16E-05	1.10E-05	4.70E-06
2067	463665.1	3772513	7.27E-05	1.11E-05	4.77E-06
2068	463672.1	3772530	7.50E-05	1.15E-05	4.92E-06
2069	463675.6	3772538	7.62E-05	1.17E-05	5.00E-06
2070	463682.5	3772555	7.87E-05	1.20E-05	5.16E-06
2071	463686	3772563	8.00E-05	1.22E-05	5.25E-06
2072	463692.9	3772580	8.26E-05	1.26E-05	5.42E-06
2073	463696.4	3772588	8.40E-05	1.29E-05	5.51E-06
2074	463703.3	3772605	8.70E-05	1.33E-05	5.71E-06

2075	463706.8	3772613	8.85E-05	1.35E-05	5.81E-06
2076	463713.7	3772630	9.17E-05	1.40E-05	6.01E-06
2077	463717.2	3772638	9.33E-05	1.43E-05	6.12E-06
2078	463724.2	3772655	9.68E-05	1.48E-05	6.35E-06
2079	463727.6	3772663	9.86E-05	1.51E-05	6.47E-06
2080	463734.6	3772680	1.02E-04	1.57E-05	6.71E-06
2081	463738	3772688	1.04E-04	1.60E-05	6.84E-06
2082	463745	3772705	1.08E-04	1.66E-05	7.11E-06
2083	463748.5	3772713	1.11E-04	1.69E-05	7.25E-06
2084	463755.4	3772730	1.15E-04	1.76E-05	7.54E-06
2085	463758.9	3772738	1.17E-04	1.80E-05	7.70E-06
2086	463765.8	3772755	1.22E-04	1.87E-05	8.02E-06
2087	463769.3	3772763	1.25E-04	1.91E-05	8.18E-06
2088	463776.2	3772780	1.30E-04	1.99E-05	8.53E-06
2089	463779.7	3772788	1.33E-04	2.03E-05	8.72E-06
2090	463786.7	3772805	1.39E-04	2.12E-05	9.10E-06
2091	463790.1	3772813	1.42E-04	2.17E-05	9.30E-06
2092	463797.1	3772830	1.48E-04	2.27E-05	9.71E-06
2093	463800.5	3772838	1.51E-04	2.32E-05	9.93E-06
2094	463807.5	3772855	1.58E-04	2.42E-05	1.04E-05
2095	463811	3772863	1.62E-04	2.48E-05	1.06E-05
2096	463838.7	3772930	1.95E-04	2.99E-05	1.28E-05
2097	463842.2	3772938	2.00E-04	3.06E-05	1.31E-05
2098	463849.1	3772955	2.10E-04	3.21E-05	1.38E-05
2099	463852.6	3772963	2.15E-04	3.29E-05	1.41E-05
2100	463859.6	3772980	2.25E-04	3.45E-05	1.48E-05
2101	463863	3772988	2.31E-04	3.53E-05	1.52E-05
2102	463870	3773005	2.42E-04	3.71E-05	1.59E-05
2103	463873.4	3773013	2.48E-04	3.80E-05	1.63E-05
2104	463880.4	3773030	2.60E-04	3.98E-05	1.71E-05
2105	463887.3	3773047	2.72E-04	4.17E-05	1.79E-05
2106	463890.8	3773055	2.79E-04	4.27E-05	1.83E-05
2107	463897.7	3773072	2.92E-04	4.46E-05	1.91E-05
2108	463901.2	3773080	2.98E-04	4.56E-05	1.96E-05
2109	463908.2	3773097	3.11E-04	4.77E-05	2.04E-05
2110	463911.6	3773105	3.18E-04	4.87E-05	2.09E-05
2111	463918.6	3773122	3.31E-04	5.07E-05	2.17E-05
2112	463922	3773130	3.38E-04	5.17E-05	2.22E-05
2113	463208.3	3772272	5.56E-05	8.50E-06	3.65E-06
2114	463216.7	3772275	5.58E-05	8.55E-06	3.66E-06
2115	463225.1	3772278	5.61E-05	8.59E-06	3.68E-06
2116	463233.5	3772282	5.64E-05	8.63E-06	3.70E-06
2117	463250.2	3772289	5.70E-05	8.72E-06	3.74E-06
2118	463258.6	3772292	5.72E-05	8.76E-06	3.76E-06
2119	463267	3772296	5.75E-05	8.81E-06	3.77E-06
2120	463275.4	3772299	5.78E-05	8.85E-06	3.79E-06
2121	463283.8	3772303	5.80E-05	8.88E-06	3.81E-06
2122	463292.2	3772306	5.83E-05	8.93E-06	3.83E-06
2123	463300.6	3772310	5.85E-05	8.96E-06	3.84E-06
2124	463309	3772313	5.88E-05	9.00E-06	3.86E-06
2125	463317.3	3772316	5.90E-05	9.03E-06	3.87E-06
2126	463325.7	3772320	5.92E-05	9.06E-06	3.89E-06

2127	463334.1	3772323	5.94E-05	9.10E-06	3.90E-06
2128	463342.5	3772327	5.96E-05	9.13E-06	3.91E-06
2129	463350.9	3772330	5.98E-05	9.16E-06	3.93E-06
2130	463359.3	3772334	6.00E-05	9.18E-06	3.94E-06
2131	463367.7	3772337	6.02E-05	9.21E-06	3.95E-06
2132	463376.1	3772341	6.03E-05	9.23E-06	3.96E-06
2133	463392.8	3772348	6.07E-05	9.28E-06	3.98E-06
2134	463401.2	3772351	6.08E-05	9.31E-06	3.99E-06
2135	463689.9	3772477	6.67E-05	1.02E-05	4.38E-06
2136	463693.4	3772485	6.77E-05	1.04E-05	4.44E-06
2137	463700.4	3772502	6.97E-05	1.07E-05	4.57E-06
2138	463707.4	3772519	7.18E-05	1.10E-05	4.71E-06
2139	463714.3	3772535	7.40E-05	1.13E-05	4.86E-06
2140	463721.3	3772552	7.64E-05	1.17E-05	5.01E-06
2141	463728.3	3772569	7.89E-05	1.21E-05	5.18E-06
2142	463735.3	3772586	8.15E-05	1.25E-05	5.35E-06
2143	463742.2	3772602	8.42E-05	1.29E-05	5.53E-06
2144	463749.2	3772619	8.71E-05	1.33E-05	5.72E-06
2145	463756.2	3772636	9.02E-05	1.38E-05	5.92E-06
2146	463763.2	3772653	9.34E-05	1.43E-05	6.13E-06
2147	463770.1	3772669	9.68E-05	1.48E-05	6.35E-06
2148	463777.1	3772686	1.00E-04	1.54E-05	6.59E-06
2149	463784.1	3772703	1.04E-04	1.60E-05	6.84E-06
2150	463791.1	3772720	1.08E-04	1.66E-05	7.10E-06
2151	463798.1	3772736	1.13E-04	1.72E-05	7.38E-06
2152	463805	3772753	1.17E-04	1.79E-05	7.68E-06
2153	463812	3772770	1.22E-04	1.86E-05	7.99E-06
2154	463819	3772787	1.27E-04	1.94E-05	8.32E-06
2155	463826	3772803	1.32E-04	2.02E-05	8.68E-06
2156	463832.9	3772820	1.38E-04	2.11E-05	9.05E-06
2157	463839.9	3772837	1.44E-04	2.20E-05	9.44E-06
2158	463846.9	3772854	1.50E-04	2.30E-05	9.86E-06
2159	463853.9	3772870	1.57E-04	2.40E-05	1.03E-05
2160	463885.3	3772946	1.92E-04	2.94E-05	1.26E-05
2161	463892.2	3772962	2.01E-04	3.08E-05	1.32E-05
2162	463899.2	3772979	2.11E-04	3.23E-05	1.38E-05
2163	463906.2	3772996	2.21E-04	3.38E-05	1.45E-05
2164	463913.2	3773013	2.31E-04	3.54E-05	1.52E-05
2165	463920.2	3773029	2.42E-04	3.70E-05	1.59E-05
2166	463927.1	3773046	2.53E-04	3.87E-05	1.66E-05
2167	463934.1	3773063	2.64E-04	4.04E-05	1.73E-05
2168	463941.1	3773080	2.75E-04	4.22E-05	1.81E-05
2169	463948.1	3773096	2.87E-04	4.40E-05	1.88E-05
2170	463955	3773113	2.99E-04	4.58E-05	1.96E-05
2171	463962	3773130	3.11E-04	4.76E-05	2.04E-05
2172	463290	3772265	5.44E-05	8.33E-06	3.57E-06
2173	463298.3	3772269	5.46E-05	8.36E-06	3.58E-06
2174	463315	3772276	5.51E-05	8.43E-06	3.62E-06
2175	463323.3	3772279	5.53E-05	8.46E-06	3.63E-06
2176	463340	3772286	5.57E-05	8.53E-06	3.65E-06
2177	463348.3	3772289	5.59E-05	8.55E-06	3.67E-06
2178	463356.6	3772293	5.60E-05	8.58E-06	3.68E-06

2179	463373.3	3772300	5.63E-05	8.63E-06	3.70E-06
2180	463381.6	3772303	5.65E-05	8.65E-06	3.71E-06
2181	463398.2	3772310	5.68E-05	8.70E-06	3.73E-06
2182	463406.6	3772313	5.69E-05	8.71E-06	3.73E-06
2183	463732	3772482	6.59E-05	1.01E-05	4.32E-06
2184	463738.9	3772498	6.78E-05	1.04E-05	4.45E-06
2185	463745.8	3772515	6.98E-05	1.07E-05	4.58E-06
2186	463752.7	3772532	7.19E-05	1.10E-05	4.72E-06
2187	463759.7	3772548	7.41E-05	1.13E-05	4.86E-06
2188	463766.6	3772565	7.64E-05	1.17E-05	5.01E-06
2189	463773.5	3772581	7.88E-05	1.21E-05	5.17E-06
2190	463780.4	3772598	8.13E-05	1.24E-05	5.34E-06
2191	463787.4	3772615	8.40E-05	1.29E-05	5.51E-06
2192	463794.3	3772631	8.68E-05	1.33E-05	5.70E-06
2193	463801.2	3772648	8.98E-05	1.37E-05	5.89E-06
2194	463808.1	3772665	9.29E-05	1.42E-05	6.10E-06
2195	463815.1	3772681	9.62E-05	1.47E-05	6.32E-06
2196	463822	3772698	9.97E-05	1.53E-05	6.54E-06
2197	463828.9	3772714	1.03E-04	1.58E-05	6.78E-06
2198	463835.8	3772731	1.07E-04	1.64E-05	7.04E-06
2199	463842.8	3772748	1.11E-04	1.70E-05	7.30E-06
2200	463849.7	3772764	1.16E-04	1.77E-05	7.59E-06
2201	463856.6	3772781	1.20E-04	1.84E-05	7.88E-06
2202	463863.6	3772798	1.25E-04	1.91E-05	8.20E-06
2203	463870.5	3772814	1.30E-04	1.99E-05	8.53E-06
2204	463877.4	3772831	1.35E-04	2.07E-05	8.88E-06
2205	463884.3	3772847	1.41E-04	2.16E-05	9.26E-06
2206	463891.3	3772864	1.47E-04	2.25E-05	9.65E-06
2207	463925.9	3772947	1.82E-04	2.79E-05	1.19E-05
2208	463932.8	3772964	1.90E-04	2.91E-05	1.25E-05
2209	463939.7	3772980	1.99E-04	3.04E-05	1.30E-05
2210	463946.7	3772997	2.07E-04	3.18E-05	1.36E-05
2211	463953.6	3773014	2.17E-04	3.32E-05	1.42E-05
2212	463960.5	3773030	2.26E-04	3.46E-05	1.48E-05
2213	463967.4	3773047	2.36E-04	3.61E-05	1.55E-05
2214	463974.4	3773064	2.46E-04	3.76E-05	1.61E-05
2215	463981.3	3773080	2.56E-04	3.92E-05	1.68E-05
2216	463988.2	3773097	2.66E-04	4.08E-05	1.75E-05
2217	463995.1	3773113	2.77E-04	4.24E-05	1.82E-05
2218	464002.1	3773130	2.87E-04	4.40E-05	1.88E-05
2219	462198.7	3773225	9.18E-05	1.41E-05	6.02E-06
2220	462198.8	3773235	9.17E-05	1.40E-05	6.01E-06
2221	462198.9	3773245	9.14E-05	1.40E-05	6.00E-06
2222	462158.7	3773225	8.34E-05	1.28E-05	5.47E-06
2223	462158.8	3773235	8.32E-05	1.27E-05	5.46E-06
2224	462158.9	3773245	8.31E-05	1.27E-05	5.45E-06
2225	462900.6	3773281	1.12E-02	1.71E-03	7.34E-04
2226	462900.6	3773291	9.52E-03	1.46E-03	6.25E-04
2227	462892.2	3773287	8.35E-03	1.28E-03	5.48E-04
2228	462883.1	3773283	7.38E-03	1.13E-03	4.84E-04
2229	462900.6	3773301	8.23E-03	1.26E-03	5.40E-04
2230	462892.2	3773297	7.27E-03	1.11E-03	4.77E-04

2231	462883.7	3773294	6.46E-03	9.89E-04	4.24E-04
2232	462875.5	3773288	5.93E-03	9.07E-04	3.89E-04
2233	462871.9	3773280	6.08E-03	9.31E-04	3.99E-04
2234	462909.1	3773314	8.06E-03	1.23E-03	5.29E-04
2235	462900.6	3773311	7.21E-03	1.10E-03	4.73E-04
2236	462892.2	3773307	6.45E-03	9.87E-04	4.23E-04
2237	462883.7	3773304	5.77E-03	8.83E-04	3.79E-04
2238	462875.3	3773300	5.17E-03	7.91E-04	3.39E-04
2239	462867.9	3773294	4.87E-03	7.46E-04	3.20E-04
2240	462864.3	3773285	4.98E-03	7.63E-04	3.27E-04
2241	462909.1	3773324	7.03E-03	1.08E-03	4.61E-04
2242	462900.6	3773321	6.36E-03	9.73E-04	4.17E-04
2243	462892.2	3773317	5.74E-03	8.79E-04	3.77E-04
2244	462883.7	3773314	5.18E-03	7.93E-04	3.40E-04
2245	462875.3	3773310	4.67E-03	7.15E-04	3.07E-04
2246	462866.8	3773307	4.22E-03	6.46E-04	2.77E-04
2247	462860.2	3773300	4.08E-03	6.25E-04	2.68E-04
2248	462856.1	3773290	4.18E-03	6.40E-04	2.74E-04
2249	462908.8	3773334	6.10E-03	9.34E-04	4.00E-04
2250	462900.2	3773331	5.58E-03	8.54E-04	3.66E-04
2251	462891.6	3773327	5.09E-03	7.79E-04	3.34E-04
2252	462882.9	3773324	4.63E-03	7.08E-04	3.04E-04
2253	462874.3	3773320	4.18E-03	6.40E-04	2.75E-04
2254	462865.6	3773316	3.79E-03	5.80E-04	2.48E-04
2255	462857	3773313	3.44E-03	5.27E-04	2.26E-04
2256	462908.9	3773344	5.34E-03	8.17E-04	3.50E-04
2257	462900.2	3773341	4.92E-03	7.53E-04	3.23E-04
2258	462891.6	3773337	4.52E-03	6.93E-04	2.97E-04
2259	462883	3773334	4.15E-03	6.36E-04	2.73E-04
2260	462874.4	3773330	3.80E-03	5.81E-04	2.49E-04
2261	462865.8	3773327	3.46E-03	5.29E-04	2.27E-04
2262	462857.1	3773323	3.15E-03	4.83E-04	2.07E-04
2263	462908.9	3773364	4.20E-03	6.44E-04	2.76E-04
2264	462900.3	3773361	3.91E-03	5.99E-04	2.57E-04
2265	462891.7	3773357	3.63E-03	5.56E-04	2.38E-04
2266	462883.1	3773354	3.37E-03	5.16E-04	2.21E-04
2267	462874.5	3773350	3.13E-03	4.79E-04	2.05E-04
2268	462865.9	3773347	2.90E-03	4.43E-04	1.90E-04
2269	462857.4	3773343	2.68E-03	4.10E-04	1.76E-04
2270	462908.9	3773384	3.41E-03	5.22E-04	2.24E-04
2271	462900.3	3773381	3.21E-03	4.91E-04	2.10E-04
2272	462891.8	3773377	3.01E-03	4.60E-04	1.97E-04
2273	462883.2	3773374	2.81E-03	4.30E-04	1.85E-04
2274	462874.6	3773370	2.62E-03	4.02E-04	1.72E-04
2275	462866.1	3773367	2.45E-03	3.74E-04	1.61E-04
2276	462857.5	3773363	2.28E-03	3.50E-04	1.50E-04
2277	462883.3	3773394	2.36E-03	3.61E-04	1.55E-04
2278	462874.7	3773390	2.22E-03	3.40E-04	1.46E-04
2279	462866.2	3773387	2.08E-03	3.19E-04	1.37E-04
2280	462857.6	3773383	1.95E-03	2.99E-04	1.28E-04
2281	462874.3	3773410	1.88E-03	2.88E-04	1.23E-04
2282	462865.6	3773406	1.78E-03	2.73E-04	1.17E-04

2283	462857	3773403	1.68E-03	2.58E-04	1.10E-04
2284	462865.8	3773427	1.54E-03	2.35E-04	1.01E-04
2285	462857.1	3773423	1.46E-03	2.24E-04	9.61E-05
2286	462900.3	3773461	1.59E-03	2.43E-04	1.04E-04
2287	462891.7	3773457	1.52E-03	2.33E-04	9.99E-05
2288	462883.1	3773454	1.46E-03	2.23E-04	9.56E-05
2289	462874.5	3773450	1.39E-03	2.13E-04	9.14E-05
2290	462865.9	3773447	1.33E-03	2.04E-04	8.75E-05
2291	462857.3	3773443	1.28E-03	1.95E-04	8.37E-05
2292	462392.9	3773286	1.58E-04	2.42E-05	1.04E-05
2293	462394.9	3773362	1.51E-04	2.31E-05	9.89E-06
2294	462391.3	3773354	1.50E-04	2.30E-05	9.85E-06
2295	462387.7	3773345	1.50E-04	2.29E-05	9.81E-06
2296	462384	3773337	1.49E-04	2.28E-05	9.77E-06
2297	462380.4	3773328	1.48E-04	2.27E-05	9.72E-06
2298	462376.8	3773320	1.47E-04	2.25E-05	9.66E-06
2299	462373.1	3773311	1.46E-04	2.24E-05	9.58E-06
2300	462369.5	3773302	1.45E-04	2.22E-05	9.51E-06
2301	462365.9	3773294	1.44E-04	2.20E-05	9.43E-06
2302	462362.2	3773285	1.43E-04	2.19E-05	9.37E-06
2303	462396.6	3773438	1.39E-04	2.13E-05	9.11E-06
2304	462392.9	3773429	1.39E-04	2.13E-05	9.12E-06
2305	462389.3	3773420	1.39E-04	2.13E-05	9.11E-06
2306	462385.6	3773412	1.39E-04	2.13E-05	9.11E-06
2307	462382	3773403	1.39E-04	2.13E-05	9.11E-06
2308	462378.4	3773395	1.39E-04	2.12E-05	9.10E-06
2309	462374.7	3773386	1.39E-04	2.12E-05	9.09E-06
2310	462371.1	3773377	1.38E-04	2.11E-05	9.06E-06
2311	462367.4	3773369	1.37E-04	2.10E-05	9.02E-06
2312	462363.8	3773360	1.37E-04	2.09E-05	8.98E-06
2313	462360.2	3773352	1.36E-04	2.09E-05	8.94E-06
2314	462356.5	3773343	1.36E-04	2.08E-05	8.90E-06
2315	462352.9	3773334	1.35E-04	2.07E-05	8.86E-06
2316	462349.3	3773326	1.34E-04	2.06E-05	8.81E-06
2317	462345.6	3773317	1.33E-04	2.04E-05	8.75E-06
2318	462342	3773308	1.32E-04	2.03E-05	8.68E-06
2319	462338.3	3773300	1.31E-04	2.01E-05	8.62E-06
2320	462334.7	3773291	1.30E-04	2.00E-05	8.55E-06
2321	462331.1	3773283	1.29E-04	1.98E-05	8.49E-06
2322	462366.1	3773461	1.23E-04	1.89E-05	8.10E-06
2323	462362.5	3773452	1.24E-04	1.89E-05	8.12E-06
2324	462358.9	3773443	1.24E-04	1.90E-05	8.13E-06
2325	462355.2	3773435	1.24E-04	1.90E-05	8.13E-06
2326	462351.6	3773426	1.24E-04	1.90E-05	8.13E-06
2327	462348	3773418	1.24E-04	1.89E-05	8.11E-06
2328	462344.3	3773409	1.24E-04	1.89E-05	8.11E-06
2329	462340.7	3773400	1.23E-04	1.89E-05	8.10E-06
2330	462337.1	3773392	1.23E-04	1.89E-05	8.09E-06
2331	462333.4	3773383	1.23E-04	1.88E-05	8.06E-06
2332	462329.8	3773375	1.22E-04	1.87E-05	8.03E-06
2333	462326.2	3773366	1.22E-04	1.86E-05	7.99E-06
2334	462322.5	3773357	1.21E-04	1.85E-05	7.95E-06

2335	462318.9	3773349	1.21E-04	1.85E-05	7.92E-06
2336	462315.3	3773340	1.20E-04	1.84E-05	7.88E-06
2337	462311.6	3773332	1.20E-04	1.83E-05	7.85E-06
2338	462308	3773323	1.19E-04	1.82E-05	7.80E-06
2339	462304.4	3773314	1.18E-04	1.81E-05	7.74E-06
2340	462300.7	3773306	1.17E-04	1.79E-05	7.68E-06
2341	462297.1	3773297	1.16E-04	1.78E-05	7.63E-06
2342	462293.5	3773289	1.15E-04	1.77E-05	7.57E-06
2343	462289.8	3773280	1.14E-04	1.75E-05	7.51E-06
2344	462323.8	3773456	1.11E-04	1.70E-05	7.30E-06
2345	462320.2	3773447	1.11E-04	1.71E-05	7.31E-06
2346	462316.6	3773438	1.11E-04	1.71E-05	7.31E-06
2347	462312.9	3773430	1.11E-04	1.70E-05	7.30E-06
2348	462309.3	3773421	1.11E-04	1.70E-05	7.29E-06
2349	462305.7	3773413	1.11E-04	1.70E-05	7.28E-06
2350	462302	3773404	1.11E-04	1.69E-05	7.26E-06
2351	462298.4	3773395	1.10E-04	1.69E-05	7.24E-06
2352	462294.7	3773387	1.10E-04	1.68E-05	7.21E-06
2353	462291.1	3773378	1.10E-04	1.68E-05	7.19E-06
2354	462287.5	3773370	1.09E-04	1.67E-05	7.16E-06
2355	462283.8	3773361	1.09E-04	1.66E-05	7.13E-06
2356	462280.2	3773352	1.08E-04	1.65E-05	7.09E-06
2357	462276.5	3773344	1.07E-04	1.65E-05	7.05E-06
2358	462272.9	3773335	1.07E-04	1.64E-05	7.01E-06
2359	462269.3	3773326	1.06E-04	1.62E-05	6.96E-06
2360	462265.6	3773318	1.06E-04	1.62E-05	6.93E-06
2361	462262	3773309	1.05E-04	1.61E-05	6.89E-06
2362	462258.3	3773301	1.04E-04	1.60E-05	6.85E-06
2363	462254.7	3773292	1.04E-04	1.59E-05	6.81E-06
2364	462251.1	3773283	1.03E-04	1.58E-05	6.75E-06
2365	462286.2	3773462	1.01E-04	1.54E-05	6.62E-06
2366	462282.5	3773453	1.01E-04	1.54E-05	6.62E-06
2367	462278.9	3773444	1.01E-04	1.54E-05	6.62E-06
2368	462275.3	3773436	1.01E-04	1.54E-05	6.61E-06
2369	462271.6	3773427	1.01E-04	1.54E-05	6.60E-06
2370	462268	3773418	1.00E-04	1.54E-05	6.59E-06
2371	462264.4	3773410	1.00E-04	1.53E-05	6.56E-06
2372	462260.7	3773401	9.97E-05	1.53E-05	6.54E-06
2373	462257.1	3773393	9.93E-05	1.52E-05	6.52E-06
2374	462253.5	3773384	9.89E-05	1.51E-05	6.49E-06
2375	462249.8	3773375	9.86E-05	1.51E-05	6.47E-06
2376	462246.2	3773367	9.82E-05	1.50E-05	6.44E-06
2377	462242.6	3773358	9.78E-05	1.50E-05	6.42E-06
2378	462238.9	3773350	9.73E-05	1.49E-05	6.39E-06
2379	462235.3	3773341	9.68E-05	1.48E-05	6.35E-06
2380	462231.6	3773332	9.61E-05	1.47E-05	6.31E-06
2381	462243.9	3773456	9.17E-05	1.40E-05	6.02E-06
2382	462240.2	3773448	9.16E-05	1.40E-05	6.01E-06
2383	462236.6	3773439	9.16E-05	1.40E-05	6.01E-06
2384	462232.9	3773431	9.15E-05	1.40E-05	6.00E-06
2385	462229.3	3773422	9.13E-05	1.40E-05	5.99E-06
2386	462185.6	3773319	8.67E-05	1.33E-05	5.69E-06

2387	462182	3773310	8.62E-05	1.32E-05	5.66E-06
2388	462178.4	3773301	8.58E-05	1.31E-05	5.63E-06
2389	462174.7	3773293	8.53E-05	1.31E-05	5.60E-06
2390	462171.1	3773284	8.48E-05	1.30E-05	5.56E-06
2391	462167.4	3773275	8.42E-05	1.29E-05	5.53E-06
2392	462144.4	3773316	7.91E-05	1.21E-05	5.19E-06
2393	462140.8	3773307	7.87E-05	1.20E-05	5.16E-06
2394	462137.1	3773299	7.82E-05	1.20E-05	5.13E-06
2395	462133.5	3773290	7.78E-05	1.19E-05	5.10E-06
2396	462129.9	3773282	7.74E-05	1.18E-05	5.08E-06
2397	462917.5	3774088	1.43E-04	2.19E-05	9.38E-06
2398	462908.8	3774084	1.42E-04	2.17E-05	9.29E-06
2399	462900.2	3774081	1.40E-04	2.14E-05	9.19E-06
2400	462917.5	3774128	1.32E-04	2.02E-05	8.68E-06
2401	462908.8	3774124	1.31E-04	2.01E-05	8.60E-06
2402	462900.2	3774121	1.30E-04	1.99E-05	8.51E-06
2403	462891.5	3774117	1.28E-04	1.97E-05	8.43E-06
2404	462882.9	3774114	1.27E-04	1.95E-05	8.35E-06
2405	462874.3	3774110	1.26E-04	1.93E-05	8.27E-06
2406	462865.6	3774106	1.25E-04	1.91E-05	8.19E-06
2407	462857	3774103	1.24E-04	1.89E-05	8.11E-06
2408	462848.3	3774099	1.22E-04	1.87E-05	8.03E-06
2409	462839.7	3774096	1.21E-04	1.86E-05	7.96E-06
2410	462831	3774092	1.20E-04	1.84E-05	7.88E-06
2411	462822.4	3774089	1.19E-04	1.82E-05	7.81E-06
2412	462908.8	3774164	1.22E-04	1.86E-05	7.99E-06
2413	462900.2	3774161	1.21E-04	1.85E-05	7.91E-06
2414	462891.5	3774157	1.20E-04	1.83E-05	7.84E-06
2415	462882.9	3774154	1.18E-04	1.81E-05	7.77E-06
2416	462874.2	3774150	1.17E-04	1.80E-05	7.70E-06
2417	462865.6	3774146	1.16E-04	1.78E-05	7.63E-06
2418	462856.9	3774143	1.15E-04	1.76E-05	7.56E-06
2419	462848.2	3774139	1.14E-04	1.75E-05	7.48E-06
2420	462839.6	3774136	1.13E-04	1.73E-05	7.42E-06
2421	462830.9	3774132	1.12E-04	1.71E-05	7.35E-06
2422	462822.3	3774129	1.11E-04	1.70E-05	7.29E-06
2423	462929.8	3774088	1.46E-04	2.24E-05	9.60E-06
2424	462939.1	3774088	1.49E-04	2.28E-05	9.77E-06
2425	462948.5	3774088	1.52E-04	2.32E-05	9.96E-06
2426	462957.8	3774088	1.55E-04	2.37E-05	1.02E-05
2427	462967.1	3774088	1.58E-04	2.41E-05	1.03E-05
2428	462976.4	3774088	1.61E-04	2.46E-05	1.05E-05
2429	462985.8	3774088	1.64E-04	2.50E-05	1.07E-05
2430	462995.1	3774088	1.67E-04	2.55E-05	1.09E-05
2431	462929.8	3774128	1.35E-04	2.07E-05	8.87E-06
2432	462939.1	3774128	1.38E-04	2.11E-05	9.03E-06
2433	462948.5	3774128	1.40E-04	2.14E-05	9.19E-06
2434	462957.8	3774128	1.43E-04	2.18E-05	9.35E-06
2435	462967.1	3774128	1.45E-04	2.22E-05	9.52E-06
2436	462976.4	3774128	1.48E-04	2.26E-05	9.69E-06
2437	462985.8	3774128	1.50E-04	2.30E-05	9.87E-06
2438	462995.1	3774128	1.53E-04	2.34E-05	1.00E-05

2439	463004.4	3774128	1.56E-04	2.38E-05	1.02E-05

			T2				19	T2L3					T4F				
							8.84E-08					1.35E-08					5.80E-09
					15	463437.41	3773381.65										
			Yr 1	Yr 2	Yr 3	Yr 4	Total	Yr 1	Yr 2	Yr 3	Yr 4	Total	Yr 1	Yr 2	Yr 3	Yr 4	Total
1	463443.12	3773285.31	7.99E-08	0.00E+00	0.00E+00	0.00E+00	7.99E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	5.24E-09	0.00E+00	0.00E+00	0.00E+00	5.24E-09
2	463439.91	3773293.98	8.27E-08	0.00E+00	0.00E+00	0.00E+00	8.27E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.27E-08	5.42E-09	0.00E+00	0.00E+00	0.00E+00	5.42E-09
3	463436.7	3773302.65	8.53E-08	0.00E+00	0.00E+00	0.00E+00	8.53E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.31E-08	5.60E-09	0.00E+00	0.00E+00	0.00E+00	5.60E-09
4	463473	3773285.57	6.92E-08	0.00E+00	0.00E+00	0.00E+00	6.92E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	4.54E-09	0.00E+00	0.00E+00	0.00E+00	4.54E-09
5	463469.76	3773294.31	7.16E-08	0.00E+00	0.00E+00	0.00E+00	7.16E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	4.70E-09	0.00E+00	0.00E+00	0.00E+00	4.70E-09
6	463466.53	3773303.04	7.39E-08	0.00E+00	0.00E+00	0.00E+00	7.39E-08	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.13E-08	4.85E-09	0.00E+00	0.00E+00	0.00E+00	4.85E-09
7	463463.29	3773311.78	7.61E-08	0.00E+00	0.00E+00	0.00E+00	7.61E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	4.99E-09	0.00E+00	0.00E+00	0.00E+00	4.99E-09
8	463460.06	3773320.51	7.82E-08	0.00E+00	0.00E+00	0.00E+00	7.82E-08	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	5.13E-09	0.00E+00	0.00E+00	0.00E+00	5.13E-09
9	463456.82	3773329.24	8.01E-08	0.00E+00	0.00E+00	0.00E+00	8.01E-08	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.23E-08	5.26E-09	0.00E+00	0.00E+00	0.00E+00	5.26E-09
10	463453.59	3773337.98	8.20E-08	0.00E+00	0.00E+00	0.00E+00	8.20E-08	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	5.38E-09	0.00E+00	0.00E+00	0.00E+00	5.38E-09
11	463450.35	3773346.71	8.36E-08	0.00E+00	0.00E+00	0.00E+00	8.36E-08	1.28E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-08	5.49E-09	0.00E+00	0.00E+00	0.00E+00	5.49E-09
12	463447.11	3773355.45	8.50E-08	0.00E+00	0.00E+00	0.00E+00	8.50E-08	1.30E-08	0.00E+00	0.00E+00	0.00E+00	1.30E-08	5.58E-09	0.00E+00	0.00E+00	0.00E+00	5.58E-09
13	463443.88	3773364.18	8.63E-08	0.00E+00	0.00E+00	0.00E+00	8.63E-08	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	5.66E-09	0.00E+00	0.00E+00	0.00E+00	5.66E-09
14	463440.64	3773372.91	8.74E-08	0.00E+00	0.00E+00	0.00E+00	8.74E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.34E-08	5.74E-09	0.00E+00	0.00E+00	0.00E+00	5.74E-09
15	463437.41	3773381.65	8.84E-08	0.00E+00	0.00E+00	0.00E+00	8.84E-08	1.35E-08	0.00E+00	0.00E+00	0.00E+00	1.35E-08	5.80E-09	0.00E+00	0.00E+00	0.00E+00	5.80E-09
16	463502.89	3773285.8	6.03E-08	0.00E+00	0.00E+00	0.00E+00	6.03E-08	9.23E-09	0.00E+00	0.00E+00	0.00E+00	9.23E-09	3.96E-09	0.00E+00	0.00E+00	0.00E+00	3.96E-09
17	463499.64	3773294.59	6.24E-08	0.00E+00	0.00E+00	0.00E+00	6.24E-08	9.55E-09	0.00E+00	0.00E+00	0.00E+00	9.55E-09	4.09E-09	0.00E+00	0.00E+00	0.00E+00	4.09E-09
18	463496.38	3773303.38	6.44E-08	0.00E+00	0.00E+00	0.00E+00	6.44E-08	9.86E-09	0.00E+00	0.00E+00	0.00E+00	9.86E-09	4.23E-09	0.00E+00	0.00E+00	0.00E+00	4.23E-09
19	463493.12	3773312.17	6.63E-08	0.00E+00	0.00E+00	0.00E+00	6.63E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	4.35E-09	0.00E+00	0.00E+00	0.00E+00	4.35E-09
20	463489.87	3773320.97	6.82E-08	0.00E+00	0.00E+00	0.00E+00	6.82E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	4.48E-09	0.00E+00	0.00E+00	0.00E+00	4.48E-09
21	463486.61	3773329.76	7.00E-08	0.00E+00	0.00E+00	0.00E+00	7.00E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	4.59E-09	0.00E+00	0.00E+00	0.00E+00	4.59E-09
22	463483.35	3773338.55	7.17E-08	0.00E+00	0.00E+00	0.00E+00	7.17E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	4.70E-09	0.00E+00	0.00E+00	0.00E+00	4.70E-09
23	463480.09	3773347.34	7.32E-08	0.00E+00	0.00E+00	0.00E+00	7.32E-08	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	4.80E-09	0.00E+00	0.00E+00	0.00E+00	4.80E-09
24	463476.84	3773356.13	7.46E-08	0.00E+00	0.00E+00	0.00E+00	7.46E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	4.90E-09	0.00E+00	0.00E+00	0.00E+00	4.90E-09
25	463473.58	3773364.92	7.59E-08	0.00E+00	0.00E+00	0.00E+00	7.59E-08	1.16E-08	0.00E+00	0.00E+00	0.00E+00	1.16E-08	4.98E-09	0.00E+00	0.00E+00	0.00E+00	4.98E-09
26	463470.32	3773373.72	7.70E-08	0.00E+00	0.00E+00	0.00E+00	7.70E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	5.05E-09	0.00E+00	0.00E+00	0.00E+00	5.05E-09
27	463467.07	3773382.51	7.79E-08	0.00E+00	0.00E+00	0.00E+00	7.79E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	1.19E-08	5.11E-09	0.00E+00	0.00E+00	0.00E+00	5.11E-09
28	463463.81	3773391.3	7.86E-08	0.00E+00	0.00E+00	0.00E+00	7.86E-08	1.20E-08	0.00E+00	0.00E+00	0.00E+00	1.20E-08	5.16E-09	0.00E+00	0.00E+00	0.00E+00	5.16E-09
29	463460.55	3773400.09	7.93E-08	0.00E+00	0.00E+00	0.00E+00	7.93E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	5.20E-09	0.00E+00	0.00E+00	0.00E+00	5.20E-09
30	463457.3	3773408.88	7.97E-08	0.00E+00	0.00E+00	0.00E+00	7.97E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	5.23E-09	0.00E+00	0.00E+00	0.00E+00	5.23E-09
31	463454.04	3773417.67	8.00E-08	0.00E+00	0.00E+00	0.00E+00	8.00E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	5.25E-09	0.00E+00	0.00E+00	0.00E+00	5.25E-09
32	463450.78	3773426.47	8.00E-08	0.00E+00	0.00E+00	0.00E+00	8.00E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	5.25E-09	0.00E+00	0.00E+00	0.00E+00	5.25E-09
33	463447.52	3773435.26	7.98E-08	0.00E+00	0.00E+00	0.00E+00	7.98E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	5.24E-09	0.00E+00	0.00E+00	0.00E+00	5.24E-09
34	463444.27	3773444.05	7.94E-08	0.00E+00	0.00E+00	0.00E+00	7.94E-08	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	5.21E-09	0.00E+00	0.00E+00	0.00E+00	5.21E-09
35	463441.01	3773452.84	7.90E-08	0.00E+00	0.00E+00	0.00E+00	7.90E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	5.18E-09	0.00E+00	0.00E+00	0.00E+00	5.18E-09
36	463533.2	3773284.92	5.27E-08	0.00E+00	0.00E+00	0.00E+00	5.27E-08	8.06E-09	0.00E+00	0.00E+00	0.00E+00	8.06E-09	3.46E-09	0.00E+00	0.00E+00	0.00E+00	3.46E-09
37	463530	3773293.55	5.45E-08	0.00E+00	0.00E+00	0.00E+00	5.45E-08	8.34E-09	0.00E+00	0.00E+00	0.00E+00	8.34E-09	3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09
38	463526.8	3773302.17	5.62E-08	0.00E+00	0.00E+00	0.00E+00	5.62E-08	8.60E-09	0.00E+00	0.00E+00	0.00E+00	8.60E-09	3.69E-09	0.00E+00	0.00E+00	0.00E+00	3.69E-09
39	463523.61	3773310.8	5.79E-08	0.00E+00	0.00E+00	0.00E+00	5.79E-08	8.86E-09	0.00E+00	0.00E+00	0.00E+00	8.86E-09	3.80E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-09
40	463520.41	3773319.43	5.95E-08	0.00E+00	0.00E+00	0.00E+00	5.95E-08	9.11E-09	0.00E+00	0.00E+00	0.00E+00	9.11E-09	3.91E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-09
41	463517.22	3773328.06	6.11E-08	0.00E+00	0.00E+00	0.00E+00	6.11E-08	9.35E-09	0.00E+00	0.00E+00	0.00E+00	9.35E-09	4.01E-09	0.00E+00	0.00E+00	0.00E+00	4.01E-09
42	463514.02	3773336.69	6.26E-08	0.00E+00	0.00E+00	0.00E+00	6.26E-08	9.58E-09	0.00E+00	0.00E+00	0.00E+00	9.58E-09	4.11E-09	0.00E+00	0.00E+00	0.00E+00	4.11E-09
43	463510.82	3773345.31	6.40E-08	0.00E+00	0.00E+00	0.00E+00	6.40E-08	9.80E-09	0.00E+00	0.00E+00	0.00E+00	9.80E-09	4.20E-09	0.00E+00	0.00E+00	0.00E+00	4.20E-09
44	463507.63	3773353.94	6.53E-08	0.00E+00	0.00E+00	0.00E+00	6.53E-08	1.00E-08	0.00E+00	0.00E+00	0.00E+00	1.00E-08	4.29E-09	0.00E+00	0.00E+00	0.00E+00	4.29E-09
45	463504.43	3773362.57	6.66E-08	0.00E+00	0.00E+00	0.00E+00	6.66E-08	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	4.37E-09	0.00E+00	0.00E+00	0.00E+00	4.37E-09
46	463501.23	3773371.2	6.77E-08	0.00E+00	0.00E+00	0.00E+00	6.77E-08	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	4.44E-09	0.00E+00	0.00E+00	0.00E+00	4.44E-09
47	463498.04	3773379.82	6.86E-08	0.00E+00	0.00E+00	0.00E+00	6.86E-08	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	4.50E-09	0.00E+00	0.00E+00	0.00E+00	4.50E-09
48	463494.84	3773388.45	6.94E-08	0.00E+00	0.00E+00	0.00E+00	6.94E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.06E-08	4.55E-09	0.00E+00	0.00E+00	0.00E+00	4.55E-09
49	463491.65	3773397.08	7.01E-08	0.00E+00	0.00E+00	0.00E+00	7.01E-08	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	4.60E-09	0.00E+00	0.00E+00	0.00E+00	4.60E-09
50	463488.45	3773405.71	7.07E-08	0.00E+00	0.00E+00	0.00E+00	7.07E-08	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	4.64E-09	0.00E+00	0.00E+00	0.00E+00	4.64E-09
51	463485.25	3773414.33	7.12E-08	0.00E+00	0.00E+00	0.00E+00	7.12E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	4.67E-09	0.00E+00	0.00E+00	0.00E+00	4.67E-09
52	463482.06	3773422.96	7.15E-08	0.00E+00	0.00E+00	0.00E+00	7.15E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	4.69E-09	0.00E+00	0.00E+00	0.00E+00	4.69E-09
53	463478.86	3773431.59	7.16E-08	0.00E+00	0.00E+00	0.00E+00	7.16E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	4.70E-09	0.00E+00	0.00E+00	0.00E+00	4.70E-09

54	463475.66	3773440.22	7.15E-08	0.00E+00	0.00E+00	0.00E+00	7.15E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	4.69E-09	0.00E+00	0.00E+00	0.00E+00	4.69E-09
55	463472.47	3773448.85	7.14E-08	0.00E+00	0.00E+00	0.00E+00	7.14E-08	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	4.68E-09	0.00E+00	0.00E+00	0.00E+00	4.68E-09
56	463563.09	3773285.14	4.65E-08	0.00E+00	0.00E+00	0.00E+00	4.65E-08	7.12E-09	0.00E+00	0.00E+00	0.00E+00	7.12E-09	3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.05E-09
57	463559.88	3773293.82	4.81E-08	0.00E+00	0.00E+00	0.00E+00	4.81E-08	7.36E-09	0.00E+00	0.00E+00	0.00E+00	7.36E-09	3.16E-09	0.00E+00	0.00E+00	0.00E+00	3.16E-09
58	463556.66	3773302.5	4.96E-08	0.00E+00	0.00E+00	0.00E+00	4.96E-08	7.60E-09	0.00E+00	0.00E+00	0.00E+00	7.60E-09	3.26E-09	0.00E+00	0.00E+00	0.00E+00	3.26E-09
59	463553.44	3773311.19	5.11E-08	0.00E+00	0.00E+00	0.00E+00	5.11E-08	7.83E-09	0.00E+00	0.00E+00	0.00E+00	7.83E-09	3.36E-09	0.00E+00	0.00E+00	0.00E+00	3.36E-09
60	463550.23	3773319.87	5.26E-08	0.00E+00	0.00E+00	0.00E+00	5.26E-08	8.05E-09	0.00E+00	0.00E+00	0.00E+00	8.05E-09	3.45E-09	0.00E+00	0.00E+00	0.00E+00	3.45E-09
61	463547.01	3773328.55	5.40E-08	0.00E+00	0.00E+00	0.00E+00	5.40E-08	8.26E-09	0.00E+00	0.00E+00	0.00E+00	8.26E-09	3.54E-09	0.00E+00	0.00E+00	0.00E+00	3.54E-09
62	463543.79	3773337.24	5.53E-08	0.00E+00	0.00E+00	0.00E+00	5.53E-08	8.47E-09	0.00E+00	0.00E+00	0.00E+00	8.47E-09	3.63E-09	0.00E+00	0.00E+00	0.00E+00	3.63E-09
63	463540.58	3773345.92	5.66E-08	0.00E+00	0.00E+00	0.00E+00	5.66E-08	8.67E-09	0.00E+00	0.00E+00	0.00E+00	8.67E-09	3.72E-09	0.00E+00	0.00E+00	0.00E+00	3.72E-09
64	463537.36	3773354.6	5.79E-08	0.00E+00	0.00E+00	0.00E+00	5.79E-08	8.86E-09	0.00E+00	0.00E+00	0.00E+00	8.86E-09	3.80E-09	0.00E+00	0.00E+00	0.00E+00	3.80E-09
65	463534.14	3773363.29	5.90E-08	0.00E+00	0.00E+00	0.00E+00	5.90E-08	9.03E-09	0.00E+00	0.00E+00	0.00E+00	9.03E-09	3.87E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-09
66	463530.92	3773371.97	6.01E-08	0.00E+00	0.00E+00	0.00E+00	6.01E-08	9.19E-09	0.00E+00	0.00E+00	0.00E+00	9.19E-09	3.94E-09	0.00E+00	0.00E+00	0.00E+00	3.94E-09
67	463527.71	3773380.66	6.10E-08	0.00E+00	0.00E+00	0.00E+00	6.10E-08	9.34E-09	0.00E+00	0.00E+00	0.00E+00	9.34E-09	4.00E-09	0.00E+00	0.00E+00	0.00E+00	4.00E-09
68	463524.49	3773389.34	6.19E-08	0.00E+00	0.00E+00	0.00E+00	6.19E-08	9.47E-09	0.00E+00	0.00E+00	0.00E+00	9.47E-09	4.06E-09	0.00E+00	0.00E+00	0.00E+00	4.06E-09
69	463521.27	3773398.02	6.26E-08	0.00E+00	0.00E+00	0.00E+00	6.26E-08	9.58E-09	0.00E+00	0.00E+00	0.00E+00	9.58E-09	4.11E-09	0.00E+00	0.00E+00	0.00E+00	4.11E-09
70	463518.06	3773406.71	6.32E-08	0.00E+00	0.00E+00	0.00E+00	6.32E-08	9.67E-09	0.00E+00	0.00E+00	0.00E+00	9.67E-09	4.15E-09	0.00E+00	0.00E+00	0.00E+00	4.15E-09
71	463514.84	3773415.39	6.37E-08	0.00E+00	0.00E+00	0.00E+00	6.37E-08	9.75E-09	0.00E+00	0.00E+00	0.00E+00	9.75E-09	4.18E-09	0.00E+00	0.00E+00	0.00E+00	4.18E-09
72	463511.62	3773424.07	6.41E-08	0.00E+00	0.00E+00	0.00E+00	6.41E-08	9.81E-09	0.00E+00	0.00E+00	0.00E+00	9.81E-09	4.21E-09	0.00E+00	0.00E+00	0.00E+00	4.21E-09
73	463508.41	3773432.76	6.44E-08	0.00E+00	0.00E+00	0.00E+00	6.44E-08	9.86E-09	0.00E+00	0.00E+00	0.00E+00	9.86E-09	4.23E-09	0.00E+00	0.00E+00	0.00E+00	4.23E-09
74	463505.19	3773441.44	6.46E-08	0.00E+00	0.00E+00	0.00E+00	6.46E-08	9.89E-09	0.00E+00	0.00E+00	0.00E+00	9.89E-09	4.24E-09	0.00E+00	0.00E+00	0.00E+00	4.24E-09
75	463501.97	3773450.12	6.46E-08	0.00E+00	0.00E+00	0.00E+00	6.46E-08	9.89E-09	0.00E+00	0.00E+00	0.00E+00	9.89E-09	4.24E-09	0.00E+00	0.00E+00	0.00E+00	4.24E-09
76	463593	3773285.33	4.13E-08	0.00E+00	0.00E+00	0.00E+00	4.13E-08	6.33E-09	0.00E+00	0.00E+00	0.00E+00	6.33E-09	2.71E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-09
77	463589.76	3773294.07	4.27E-08	0.00E+00	0.00E+00	0.00E+00	4.27E-08	6.54E-09	0.00E+00	0.00E+00	0.00E+00	6.54E-09	2.80E-09	0.00E+00	0.00E+00	0.00E+00	2.80E-09
78	463586.53	3773302.8	4.41E-08	0.00E+00	0.00E+00	0.00E+00	4.41E-08	6.75E-09	0.00E+00	0.00E+00	0.00E+00	6.75E-09	2.89E-09	0.00E+00	0.00E+00	0.00E+00	2.89E-09
79	463583.29	3773311.53	4.54E-08	0.00E+00	0.00E+00	0.00E+00	4.54E-08	6.95E-09	0.00E+00	0.00E+00	0.00E+00	6.95E-09	2.98E-09	0.00E+00	0.00E+00	0.00E+00	2.98E-09
80	463580.06	3773320.27	4.67E-08	0.00E+00	0.00E+00	0.00E+00	4.67E-08	7.15E-09	0.00E+00	0.00E+00	0.00E+00	7.15E-09	3.07E-09	0.00E+00	0.00E+00	0.00E+00	3.07E-09
81	463576.82	3773329	4.80E-08	0.00E+00	0.00E+00	0.00E+00	4.80E-08	7.35E-09	0.00E+00	0.00E+00	0.00E+00	7.35E-09	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.15E-09
82	463573.59	3773337.74	4.92E-08	0.00E+00	0.00E+00	0.00E+00	4.92E-08	7.53E-09	0.00E+00	0.00E+00	0.00E+00	7.53E-09	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09
83	463570.35	3773346.47	5.04E-08	0.00E+00	0.00E+00	0.00E+00	5.04E-08	7.71E-09	0.00E+00	0.00E+00	0.00E+00	7.71E-09	3.31E-09	0.00E+00	0.00E+00	0.00E+00	3.31E-09
84	463567.11	3773355.2	5.15E-08	0.00E+00	0.00E+00	0.00E+00	5.15E-08	7.88E-09	0.00E+00	0.00E+00	0.00E+00	7.88E-09	3.38E-09	0.00E+00	0.00E+00	0.00E+00	3.38E-09
85	463563.88	3773363.94	5.25E-08	0.00E+00	0.00E+00	0.00E+00	5.25E-08	8.04E-09	0.00E+00	0.00E+00	0.00E+00	8.04E-09	3.45E-09	0.00E+00	0.00E+00	0.00E+00	3.45E-09
86	463560.64	3773372.67	5.35E-08	0.00E+00	0.00E+00	0.00E+00	5.35E-08	8.19E-09	0.00E+00	0.00E+00	0.00E+00	8.19E-09	3.51E-09	0.00E+00	0.00E+00	0.00E+00	3.51E-09
87	463557.41	3773381.41	5.44E-08	0.00E+00	0.00E+00	0.00E+00	5.44E-08	8.33E-09	0.00E+00	0.00E+00	0.00E+00	8.33E-09	3.57E-09	0.00E+00	0.00E+00	0.00E+00	3.57E-09
88	463554.17	3773390.14	5.53E-08	0.00E+00	0.00E+00	0.00E+00	5.53E-08	8.46E-09	0.00E+00	0.00E+00	0.00E+00	8.46E-09	3.63E-09	0.00E+00	0.00E+00	0.00E+00	3.63E-09
89	463550.94	3773398.88	5.60E-08	0.00E+00	0.00E+00	0.00E+00	5.60E-08	8.58E-09	0.00E+00	0.00E+00	0.00E+00	8.58E-09	3.68E-09	0.00E+00	0.00E+00	0.00E+00	3.68E-09
90	463547.7	3773407.61	5.66E-08	0.00E+00	0.00E+00	0.00E+00	5.66E-08	8.67E-09	0.00E+00	0.00E+00	0.00E+00	8.67E-09	3.72E-09	0.00E+00	0.00E+00	0.00E+00	3.72E-09
91	463544.46	3773416.34	5.71E-08	0.00E+00	0.00E+00	0.00E+00	5.71E-08	8.75E-09	0.00E+00	0.00E+00	0.00E+00	8.75E-09	3.75E-09	0.00E+00	0.00E+00	0.00E+00	3.75E-09
92	463541.23	3773425.08	5.76E-08	0.00E+00	0.00E+00	0.00E+00	5.76E-08	8.82E-09	0.00E+00	0.00E+00	0.00E+00	8.82E-09	3.78E-09	0.00E+00	0.00E+00	0.00E+00	3.78E-09
93	463537.99	3773433.81	5.80E-08	0.00E+00	0.00E+00	0.00E+00	5.80E-08	8.88E-09	0.00E+00	0.00E+00	0.00E+00	8.88E-09	3.81E-09	0.00E+00	0.00E+00	0.00E+00	3.81E-09
94	463534.76	3773442.55	5.83E-08	0.00E+00	0.00E+00	0.00E+00	5.83E-08	8.92E-09	0.00E+00	0.00E+00	0.00E+00	8.92E-09	3.83E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-09
95	463531.52	3773451.28	5.85E-08	0.00E+00	0.00E+00	0.00E+00	5.85E-08	8.95E-09	0.00E+00	0.00E+00	0.00E+00	8.95E-09	3.84E-09	0.00E+00	0.00E+00	0.00E+00	3.84E-09
96	463633	3773285.25	3.55E-08	0.00E+00	0.00E+00	0.00E+00	3.55E-08	5.44E-09	0.00E+00	0.00E+00	0.00E+00	5.44E-09	2.33E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-09
97	463629.76	3773293.98	3.67E-08	0.00E+00	0.00E+00	0.00E+00	3.67E-08	5.62E-09	0.00E+00	0.00E+00	0.00E+00	5.62E-09	2.41E-09	0.00E+00	0.00E+00	0.00E+00	2.41E-09
98	463626.53	3773302.72	3.79E-08	0.00E+00	0.00E+00	0.00E+00	3.79E-08	5.80E-09	0.00E+00	0.00E+00	0.00E+00	5.80E-09	2.48E-09	0.00E+00	0.00E+00	0.00E+00	2.48E-09
99	463623.29	3773311.45	3.90E-08	0.00E+00	0.00E+00	0.00E+00	3.90E-08	5.97E-09	0.00E+00	0.00E+00	0.00E+00	5.97E-09	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09
100	463620.06	3773320.19	4.01E-08	0.00E+00	0.00E+00	0.00E+00	4.01E-08	6.14E-09	0.00E+00	0.00E+00	0.00E+00	6.14E-09	2.63E-09	0.00E+00	0.00E+00	0.00E+00	2.63E-09
101	463616.82	3773328.92	4.12E-08	0.00E+00	0.00E+00	0.00E+00	4.12E-08	6.31E-09	0.00E+00	0.00E+00	0.00E+00	6.31E-09	2.71E-09	0.00E+00	0.00E+00	0.00E+00	2.71E-09
102	463613.59	3773337.66	4.23E-08	0.00E+00	0.00E+00	0.00E+00	4.23E-08	6.47E-09	0.00E+00	0.00E+00	0.00E+00	6.47E-09	2.78E-09	0.00E+00	0.00E+00	0.00E+00	2.78E-09
103	463610.35	3773346.39	4.33E-08	0.00E+00	0.00E+00	0.00E+00	4.33E-08	6.63E-09	0.00E+00	0.00E+00	0.00E+00	6.63E-09	2.84E-09	0.00E+00	0.00E+00	0.00E+00	2.84E-09
104	463607.11	3773355.12	4.43E-08	0.00E+00	0.00E+00	0.00E+00	4.43E-08	6.78E-09	0.00E+00	0.00E+00	0.00E+00	6.78E-09	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09
105	463603.88	3773363.86	4.52E-08	0.00E+00	0.00E+00	0.00E+00	4.52E-08	6.92E-09	0.00E+00	0.00E+00	0.00E+00	6.92E-09	2.97E-09	0.00E+00	0.00E+00	0.00E+00	2.97E-09
106	463600.64	3773372.59	4.61E-08	0.00E+00	0.00E+00	0.00E+00	4.61E-08	7.06E-09	0.00E+00	0.00E+00	0.00E+00	7.06E-09	3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.03E-09
107	463597.41	3773381.33	4.70E-08	0.00E+00	0.00E+00	0.00E+00	4.70E-08	7.19E-09	0.00E+00	0.00E+00	0.00E+00	7.19E-09	3.08E-09	0.00E+00	0.00E+00	0.00E+00	3.08E-09
108	463594.17	3773390.06	4.78E-08	0.00E+00	0.00E+00	0.00E+00	4.78E-08	7.31E-09	0.00E+00	0.00E+00	0.00E+00	7.31E-09	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09
109	463590.94	3773398.79	4.85E-08	0.00E+00	0.00E+00	0.00E+00	4.85E-08	7.42E-09	0.00E+00	0.00E+00	0.00E+00	7.42E-09	3.18E-09	0.00E+00	0.00E+00	0.00E+00	3.18E-09
110	463587.7	3773407.53	4.91E-08	0.00E+00	0.00E+00	0.00E+00	4.91E-08	7.52E-09	0.00E+00	0.00E+00	0.00E+00	7.52E-09	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09

111	463584.46	3773416.26	4.96E-08	0.00E+00	0.00E+00	0.00E+00	4.96E-08	7.60E-09	0.00E+00	0.00E+00	0.00E+00	7.60E-09	3.26E-09	0.00E+00	0.00E+00	0.00E+00	3.26E-09
112	463581.23	3773425	5.01E-08	0.00E+00	0.00E+00	0.00E+00	5.01E-08	7.68E-09	0.00E+00	0.00E+00	0.00E+00	7.68E-09	3.29E-09	0.00E+00	0.00E+00	0.00E+00	3.29E-09
113	463577.99	3773433.73	5.06E-08	0.00E+00	0.00E+00	0.00E+00	5.06E-08	7.75E-09	0.00E+00	0.00E+00	0.00E+00	7.75E-09	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09
114	463574.76	3773442.47	5.10E-08	0.00E+00	0.00E+00	0.00E+00	5.10E-08	7.80E-09	0.00E+00	0.00E+00	0.00E+00	7.80E-09	3.34E-09	0.00E+00	0.00E+00	0.00E+00	3.34E-09
115	463673	3773285.17	3.09E-08	0.00E+00	0.00E+00	0.00E+00	3.09E-08	4.72E-09	0.00E+00	0.00E+00	0.00E+00	4.72E-09	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09
116	463669.76	3773293.9	3.19E-08	0.00E+00	0.00E+00	0.00E+00	3.19E-08	4.88E-09	0.00E+00	0.00E+00	0.00E+00	4.88E-09	2.09E-09	0.00E+00	0.00E+00	0.00E+00	2.09E-09
117	463666.53	3773302.64	3.28E-08	0.00E+00	0.00E+00	0.00E+00	3.28E-08	5.03E-09	0.00E+00	0.00E+00	0.00E+00	5.03E-09	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09
118	463663.29	3773311.37	3.38E-08	0.00E+00	0.00E+00	0.00E+00	3.38E-08	5.18E-09	0.00E+00	0.00E+00	0.00E+00	5.18E-09	2.22E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-09
119	463660.06	3773320.11	3.48E-08	0.00E+00	0.00E+00	0.00E+00	3.48E-08	5.32E-09	0.00E+00	0.00E+00	0.00E+00	5.32E-09	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09
120	463656.82	3773328.84	3.57E-08	0.00E+00	0.00E+00	0.00E+00	3.57E-08	5.47E-09	0.00E+00	0.00E+00	0.00E+00	5.47E-09	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09
121	463653.59	3773337.57	3.66E-08	0.00E+00	0.00E+00	0.00E+00	3.66E-08	5.61E-09	0.00E+00	0.00E+00	0.00E+00	5.61E-09	2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09
122	463650.35	3773346.31	3.75E-08	0.00E+00	0.00E+00	0.00E+00	3.75E-08	5.74E-09	0.00E+00	0.00E+00	0.00E+00	5.74E-09	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09
123	463647.11	3773355.04	3.84E-08	0.00E+00	0.00E+00	0.00E+00	3.84E-08	5.88E-09	0.00E+00	0.00E+00	0.00E+00	5.88E-09	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09
124	463643.88	3773363.78	3.92E-08	0.00E+00	0.00E+00	0.00E+00	3.92E-08	6.01E-09	0.00E+00	0.00E+00	0.00E+00	6.01E-09	2.57E-09	0.00E+00	0.00E+00	0.00E+00	2.57E-09
125	463640.64	3773372.51	4.00E-08	0.00E+00	0.00E+00	0.00E+00	4.00E-08	6.13E-09	0.00E+00	0.00E+00	0.00E+00	6.13E-09	2.63E-09	0.00E+00	0.00E+00	0.00E+00	2.63E-09
126	463637.41	3773381.25	4.08E-08	0.00E+00	0.00E+00	0.00E+00	4.08E-08	6.25E-09	0.00E+00	0.00E+00	0.00E+00	6.25E-09	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09
127	463634.17	3773389.98	4.15E-08	0.00E+00	0.00E+00	0.00E+00	4.15E-08	6.36E-09	0.00E+00	0.00E+00	0.00E+00	6.36E-09	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09
128	463630.94	3773398.71	4.22E-08	0.00E+00	0.00E+00	0.00E+00	4.22E-08	6.46E-09	0.00E+00	0.00E+00	0.00E+00	6.46E-09	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09
129	463627.7	3773407.45	4.28E-08	0.00E+00	0.00E+00	0.00E+00	4.28E-08	6.55E-09	0.00E+00	0.00E+00	0.00E+00	6.55E-09	2.81E-09	0.00E+00	0.00E+00	0.00E+00	2.81E-09
130	463624.46	3773416.18	4.33E-08	0.00E+00	0.00E+00	0.00E+00	4.33E-08	6.63E-09	0.00E+00	0.00E+00	0.00E+00	6.63E-09	2.84E-09	0.00E+00	0.00E+00	0.00E+00	2.84E-09
131	463621.23	3773424.92	4.39E-08	0.00E+00	0.00E+00	0.00E+00	4.39E-08	6.71E-09	0.00E+00	0.00E+00	0.00E+00	6.71E-09	2.88E-09	0.00E+00	0.00E+00	0.00E+00	2.88E-09
132	463617.99	3773433.65	4.43E-08	0.00E+00	0.00E+00	0.00E+00	4.43E-08	6.79E-09	0.00E+00	0.00E+00	0.00E+00	6.79E-09	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09
133	463614.76	3773442.39	4.47E-08	0.00E+00	0.00E+00	0.00E+00	4.47E-08	6.85E-09	0.00E+00	0.00E+00	0.00E+00	6.85E-09	2.94E-09	0.00E+00	0.00E+00	0.00E+00	2.94E-09
134	463713	3773285.09	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	4.13E-09	0.00E+00	0.00E+00	0.00E+00	4.13E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09
135	463709.76	3773293.82	2.78E-08	0.00E+00	0.00E+00	0.00E+00	2.78E-08	4.26E-09	0.00E+00	0.00E+00	0.00E+00	4.26E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	1.83E-09
136	463706.53	3773302.56	2.87E-08	0.00E+00	0.00E+00	0.00E+00	2.87E-08	4.39E-09	0.00E+00	0.00E+00	0.00E+00	4.39E-09	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09
137	463703.29	3773311.29	2.95E-08	0.00E+00	0.00E+00	0.00E+00	2.95E-08	4.52E-09	0.00E+00	0.00E+00	0.00E+00	4.52E-09	1.94E-09	0.00E+00	0.00E+00	0.00E+00	1.94E-09
138	463700.06	3773320.03	3.03E-08	0.00E+00	0.00E+00	0.00E+00	3.03E-08	4.65E-09	0.00E+00	0.00E+00	0.00E+00	4.65E-09	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09
139	463696.82	3773328.76	3.12E-08	0.00E+00	0.00E+00	0.00E+00	3.12E-08	4.77E-09	0.00E+00	0.00E+00	0.00E+00	4.77E-09	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09
140	463693.59	3773337.49	3.20E-08	0.00E+00	0.00E+00	0.00E+00	3.20E-08	4.89E-09	0.00E+00	0.00E+00	0.00E+00	4.89E-09	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09
141	463690.35	3773346.23	3.27E-08	0.00E+00	0.00E+00	0.00E+00	3.27E-08	5.01E-09	0.00E+00	0.00E+00	0.00E+00	5.01E-09	2.15E-09	0.00E+00	0.00E+00	0.00E+00	2.15E-09
142	463687.11	3773354.96	3.35E-08	0.00E+00	0.00E+00	0.00E+00	3.35E-08	5.13E-09	0.00E+00	0.00E+00	0.00E+00	5.13E-09	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09
143	463683.88	3773363.7	3.43E-08	0.00E+00	0.00E+00	0.00E+00	3.43E-08	5.24E-09	0.00E+00	0.00E+00	0.00E+00	5.24E-09	2.25E-09	0.00E+00	0.00E+00	0.00E+00	2.25E-09
144	463680.64	3773372.43	3.50E-08	0.00E+00	0.00E+00	0.00E+00	3.50E-08	5.36E-09	0.00E+00	0.00E+00	0.00E+00	5.36E-09	2.30E-09	0.00E+00	0.00E+00	0.00E+00	2.30E-09
145	463677.41	3773381.17	3.57E-08	0.00E+00	0.00E+00	0.00E+00	3.57E-08	5.46E-09	0.00E+00	0.00E+00	0.00E+00	5.46E-09	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09
146	463674.17	3773389.9	3.63E-08	0.00E+00	0.00E+00	0.00E+00	3.63E-08	5.56E-09	0.00E+00	0.00E+00	0.00E+00	5.56E-09	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09
147	463670.93	3773398.63	3.70E-08	0.00E+00	0.00E+00	0.00E+00	3.70E-08	5.66E-09	0.00E+00	0.00E+00	0.00E+00	5.66E-09	2.43E-09	0.00E+00	0.00E+00	0.00E+00	2.43E-09
148	463667.7	3773407.37	3.75E-08	0.00E+00	0.00E+00	0.00E+00	3.75E-08	5.75E-09	0.00E+00	0.00E+00	0.00E+00	5.75E-09	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09
149	463664.46	3773416.1	3.80E-08	0.00E+00	0.00E+00	0.00E+00	3.80E-08	5.82E-09	0.00E+00	0.00E+00	0.00E+00	5.82E-09	2.50E-09	0.00E+00	0.00E+00	0.00E+00	2.50E-09
150	463661.23	3773424.84	3.86E-08	0.00E+00	0.00E+00	0.00E+00	3.86E-08	5.90E-09	0.00E+00	0.00E+00	0.00E+00	5.90E-09	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09
151	463657.99	3773433.57	3.90E-08	0.00E+00	0.00E+00	0.00E+00	3.90E-08	5.97E-09	0.00E+00	0.00E+00	0.00E+00	5.97E-09	2.56E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-09
152	463654.76	3773442.3	3.94E-08	0.00E+00	0.00E+00	0.00E+00	3.94E-08	6.04E-09	0.00E+00	0.00E+00	0.00E+00	6.04E-09	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09
153	463753	3773285.01	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.38E-08	3.64E-09	0.00E+00	0.00E+00	0.00E+00	3.64E-09	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09
154	463749.76	3773293.74	2.45E-08	0.00E+00	0.00E+00	0.00E+00	2.45E-08	3.75E-09	0.00E+00	0.00E+00	0.00E+00	3.75E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
155	463746.53	3773302.48	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
156	463743.29	3773311.21	2.60E-08	0.00E+00	0.00E+00	0.00E+00	2.60E-08	3.97E-09	0.00E+00	0.00E+00	0.00E+00	3.97E-09	1.70E-09	0.00E+00	0.00E+00	0.00E+00	1.70E-09
157	463740.06	3773319.95	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08	4.08E-09	0.00E+00	0.00E+00	0.00E+00	4.08E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
158	463736.82	3773328.68	2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08	4.19E-09	0.00E+00	0.00E+00	0.00E+00	4.19E-09	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09
159	463733.59	3773337.41	2.81E-08	0.00E+00	0.00E+00	0.00E+00	2.81E-08	4.30E-09	0.00E+00	0.00E+00	0.00E+00	4.30E-09	1.84E-09	0.00E+00	0.00E+00	0.00E+00	1.84E-09
160	463730.35	3773346.15	2.88E-08	0.00E+00	0.00E+00	0.00E+00	2.88E-08	4.41E-09	0.00E+00	0.00E+00	0.00E+00	4.41E-09	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09
161	463727.11	3773354.88	2.95E-08	0.00E+00	0.00E+00	0.00E+00	2.95E-08	4.51E-09	0.00E+00	0.00E+00	0.00E+00	4.51E-09	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09
162	463723.88	3773363.62	3.01E-08	0.00E+00	0.00E+00	0.00E+00	3.01E-08	4.61E-09	0.00E+00	0.00E+00	0.00E+00	4.61E-09	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09
163	463720.64	3773372.35	3.08E-08	0.00E+00	0.00E+00	0.00E+00	3.08E-08	4.71E-09	0.00E+00	0.00E+00	0.00E+00	4.71E-09	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09
164	463717.41	3773381.08	3.14E-08	0.00E+00	0.00E+00	0.00E+00	3.14E-08	4.81E-09	0.00E+00	0.00E+00	0.00E+00	4.81E-09	2.06E-09	0.00E+00	0.00E+00	0.00E+00	2.06E-09
165	463714.17	3773389.82	3.20E-08	0.00E+00	0.00E+00	0.00E+00	3.20E-08	4.90E-09	0.00E+00	0.00E+00	0.00E+00	4.90E-09	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09
166	463710.93	3773398.55	3.26E-08	0.00E+00	0.00E+00	0.00E+00	3.26E-08	4.99E-09	0.00E+00	0.00E+00	0.00E+00	4.99E-09	2.14E-09	0.00E+00	0.00E+00	0.00E+00	2.14E-09
167	463707.7	3773407.29	3.31E-08	0.00E+00	0.00E+00	0.00E+00	3.31E-08	5.07E-09	0.00E+00	0.00E+00	0.00E+00	5.07E-09	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09

168	463704.46	3773416.02	3.36E-08	0.00E+00	0.00E+00	0.00E+00	3.36E-08	5.14E-09	0.00E+00	0.00E+00	0.00E+00	5.14E-09	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09
169	463701.23	3773424.76	3.41E-08	0.00E+00	0.00E+00	0.00E+00	3.41E-08	5.21E-09	0.00E+00	0.00E+00	0.00E+00	5.21E-09	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09
170	463697.99	3773433.49	3.45E-08	0.00E+00	0.00E+00	0.00E+00	3.45E-08	5.28E-09	0.00E+00	0.00E+00	0.00E+00	5.28E-09	2.26E-09	0.00E+00	0.00E+00	0.00E+00	2.26E-09
171	463694.76	3773442.22	3.49E-08	0.00E+00	0.00E+00	0.00E+00	3.49E-08	5.35E-09	0.00E+00	0.00E+00	0.00E+00	5.35E-09	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09
172	463691.52	3773450.96	3.53E-08	0.00E+00	0.00E+00	0.00E+00	3.53E-08	5.40E-09	0.00E+00	0.00E+00	0.00E+00	5.40E-09	2.32E-09	0.00E+00	0.00E+00	0.00E+00	2.32E-09
173	463793	3773284.93	2.11E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-08	3.23E-09	0.00E+00	0.00E+00	0.00E+00	3.23E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
174	463789.76	3773293.66	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09
175	463786.53	3773302.4	2.24E-08	0.00E+00	0.00E+00	0.00E+00	2.24E-08	3.42E-09	0.00E+00	0.00E+00	0.00E+00	3.42E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09
176	463783.29	3773311.13	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
177	463780.06	3773319.86	2.36E-08	0.00E+00	0.00E+00	0.00E+00	2.36E-08	3.62E-09	0.00E+00	0.00E+00	0.00E+00	3.62E-09	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09
178	463776.82	3773328.6	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	3.71E-09	0.00E+00	0.00E+00	0.00E+00	3.71E-09	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09
179	463773.59	3773337.33	2.49E-08	0.00E+00	0.00E+00	0.00E+00	2.49E-08	3.81E-09	0.00E+00	0.00E+00	0.00E+00	3.81E-09	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09
180	463770.35	3773346.07	2.55E-08	0.00E+00	0.00E+00	0.00E+00	2.55E-08	3.90E-09	0.00E+00	0.00E+00	0.00E+00	3.90E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09
181	463767.11	3773354.8	2.61E-08	0.00E+00	0.00E+00	0.00E+00	2.61E-08	3.99E-09	0.00E+00	0.00E+00	0.00E+00	3.99E-09	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09
182	463763.88	3773363.54	2.67E-08	0.00E+00	0.00E+00	0.00E+00	2.67E-08	4.08E-09	0.00E+00	0.00E+00	0.00E+00	4.08E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09
183	463760.64	3773372.27	2.72E-08	0.00E+00	0.00E+00	0.00E+00	2.72E-08	4.17E-09	0.00E+00	0.00E+00	0.00E+00	4.17E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09
184	463757.41	3773381	2.78E-08	0.00E+00	0.00E+00	0.00E+00	2.78E-08	4.25E-09	0.00E+00	0.00E+00	0.00E+00	4.25E-09	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09
185	463754.17	3773389.74	2.83E-08	0.00E+00	0.00E+00	0.00E+00	2.83E-08	4.34E-09	0.00E+00	0.00E+00	0.00E+00	4.34E-09	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09
186	463750.93	3773398.47	2.88E-08	0.00E+00	0.00E+00	0.00E+00	2.88E-08	4.42E-09	0.00E+00	0.00E+00	0.00E+00	4.42E-09	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09
187	463747.7	3773407.21	2.94E-08	0.00E+00	0.00E+00	0.00E+00	2.94E-08	4.49E-09	0.00E+00	0.00E+00	0.00E+00	4.49E-09	1.93E-09	0.00E+00	0.00E+00	0.00E+00	1.93E-09
188	463744.46	3773415.94	2.98E-08	0.00E+00	0.00E+00	0.00E+00	2.98E-08	4.57E-09	0.00E+00	0.00E+00	0.00E+00	4.57E-09	1.96E-09	0.00E+00	0.00E+00	0.00E+00	1.96E-09
189	463741.23	3773424.67	3.03E-08	0.00E+00	0.00E+00	0.00E+00	3.03E-08	4.64E-09	0.00E+00	0.00E+00	0.00E+00	4.64E-09	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09
190	463737.99	3773433.41	3.07E-08	0.00E+00	0.00E+00	0.00E+00	3.07E-08	4.70E-09	0.00E+00	0.00E+00	0.00E+00	4.70E-09	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09
191	463734.76	3773442.14	3.11E-08	0.00E+00	0.00E+00	0.00E+00	3.11E-08	4.76E-09	0.00E+00	0.00E+00	0.00E+00	4.76E-09	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09
192	463731.52	3773450.88	3.15E-08	0.00E+00	0.00E+00	0.00E+00	3.15E-08	4.82E-09	0.00E+00	0.00E+00	0.00E+00	4.82E-09	2.07E-09	0.00E+00	0.00E+00	0.00E+00	2.07E-09
193	463833	3773284.85	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	2.88E-09	0.00E+00	0.00E+00	0.00E+00	2.88E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
194	463829.76	3773293.58	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.94E-08	2.96E-09	0.00E+00	0.00E+00	0.00E+00	2.96E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
195	463826.53	3773302.32	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	3.05E-09	0.00E+00	0.00E+00	0.00E+00	3.05E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09
196	463823.29	3773311.05	2.05E-08	0.00E+00	0.00E+00	0.00E+00	2.05E-08	3.13E-09	0.00E+00	0.00E+00	0.00E+00	3.13E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	1.34E-09
197	463820.06	3773319.78	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
198	463816.82	3773328.52	2.16E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-08	3.30E-09	0.00E+00	0.00E+00	0.00E+00	3.30E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
199	463813.58	3773337.25	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	3.39E-09	0.00E+00	0.00E+00	0.00E+00	3.39E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09
200	463810.35	3773345.99	2.27E-08	0.00E+00	0.00E+00	0.00E+00	2.27E-08	3.47E-09	0.00E+00	0.00E+00	0.00E+00	3.47E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
201	463807.11	3773354.72	2.32E-08	0.00E+00	0.00E+00	0.00E+00	2.32E-08	3.55E-09	0.00E+00	0.00E+00	0.00E+00	3.55E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09
202	463803.88	3773363.45	2.37E-08	0.00E+00	0.00E+00	0.00E+00	2.37E-08	3.63E-09	0.00E+00	0.00E+00	0.00E+00	3.63E-09	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09
203	463800.64	3773372.19	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	3.71E-09	0.00E+00	0.00E+00	0.00E+00	3.71E-09	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09
204	463797.41	3773380.92	2.47E-08	0.00E+00	0.00E+00	0.00E+00	2.47E-08	3.79E-09	0.00E+00	0.00E+00	0.00E+00	3.79E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	1.62E-09
205	463794.17	3773389.66	2.52E-08	0.00E+00	0.00E+00	0.00E+00	2.52E-08	3.86E-09	0.00E+00	0.00E+00	0.00E+00	3.86E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
206	463790.93	3773398.39	2.57E-08	0.00E+00	0.00E+00	0.00E+00	2.57E-08	3.93E-09	0.00E+00	0.00E+00	0.00E+00	3.93E-09	1.69E-09	0.00E+00	0.00E+00	0.00E+00	1.69E-09
207	463787.7	3773407.13	2.62E-08	0.00E+00	0.00E+00	0.00E+00	2.62E-08	4.00E-09	0.00E+00	0.00E+00	0.00E+00	4.00E-09	1.72E-09	0.00E+00	0.00E+00	0.00E+00	1.72E-09
208	463784.46	3773415.86	2.66E-08	0.00E+00	0.00E+00	0.00E+00	2.66E-08	4.07E-09	0.00E+00	0.00E+00	0.00E+00	4.07E-09	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09
209	463781.23	3773424.59	2.70E-08	0.00E+00	0.00E+00	0.00E+00	2.70E-08	4.13E-09	0.00E+00	0.00E+00	0.00E+00	4.13E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09
210	463777.99	3773433.33	2.74E-08	0.00E+00	0.00E+00	0.00E+00	2.74E-08	4.20E-09	0.00E+00	0.00E+00	0.00E+00	4.20E-09	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09
211	463774.76	3773442.06	2.78E-08	0.00E+00	0.00E+00	0.00E+00	2.78E-08	4.26E-09	0.00E+00	0.00E+00	0.00E+00	4.26E-09	1.82E-09	0.00E+00	0.00E+00	0.00E+00	1.82E-09
212	463771.52	3773450.8	2.82E-08	0.00E+00	0.00E+00	0.00E+00	2.82E-08	4.31E-09	0.00E+00	0.00E+00	0.00E+00	4.31E-09	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09
213	463873	3773284.77	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
214	463869.76	3773293.5	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
215	463866.53	3773302.23	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
216	463863.29	3773310.97	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	2.81E-09	0.00E+00	0.00E+00	0.00E+00	2.81E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
217	463860.06	3773319.7	1.88E-08	0.00E+00	0.00E+00	0.00E+00	1.88E-08	2.88E-09	0.00E+00	0.00E+00	0.00E+00	2.88E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09
218	463856.82	3773328.44	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	2.96E-09	0.00E+00	0.00E+00	0.00E+00	2.96E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
219	463853.58	3773337.17	1.98E-08	0.00E+00	0.00E+00	0.00E+00	1.98E-08	3.03E-09	0.00E+00	0.00E+00	0.00E+00	3.03E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09
220	463850.35	3773345.91	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
221	463847.11	3773354.64	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.17E-09	0.00E+00	0.00E+00	0.00E+00	3.17E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
222	463843.88	3773363.37	2.12E-08	0.00E+00	0.00E+00	0.00E+00	2.12E-08	3.25E-09	0.00E+00	0.00E+00	0.00E+00	3.25E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09
223	463840.64	3773372.11	2.17E-08	0.00E+00	0.00E+00	0.00E+00	2.17E-08	3.32E-09	0.00E+00	0.00E+00	0.00E+00	3.32E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09
224	463837.41	3773380.84	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	3.38E-09	0.00E+00	0.00E+00	0.00E+00	3.38E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09

225	463834.17	3773389.58	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.26E-08	3.45E-09	0.00E+00	0.00E+00	0.00E+00	3.45E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09
226	463830.93	3773398.31	2.30E-08	0.00E+00	0.00E+00	0.00E+00	2.30E-08	3.52E-09	0.00E+00	0.00E+00	0.00E+00	3.52E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.51E-09
227	463827.7	3773407.05	2.34E-08	0.00E+00	0.00E+00	0.00E+00	2.34E-08	3.58E-09	0.00E+00	0.00E+00	0.00E+00	3.58E-09	1.54E-09	0.00E+00	0.00E+00	0.00E+00	1.54E-09
228	463824.46	3773415.78	2.38E-08	0.00E+00	0.00E+00	0.00E+00	2.38E-08	3.65E-09	0.00E+00	0.00E+00	0.00E+00	3.65E-09	1.56E-09	0.00E+00	0.00E+00	0.00E+00	1.56E-09
229	463821.23	3773424.51	2.42E-08	0.00E+00	0.00E+00	0.00E+00	2.42E-08	3.71E-09	0.00E+00	0.00E+00	0.00E+00	3.71E-09	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09
230	463817.99	3773433.25	2.46E-08	0.00E+00	0.00E+00	0.00E+00	2.46E-08	3.76E-09	0.00E+00	0.00E+00	0.00E+00	3.76E-09	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09
231	463814.76	3773441.98	2.49E-08	0.00E+00	0.00E+00	0.00E+00	2.49E-08	3.82E-09	0.00E+00	0.00E+00	0.00E+00	3.82E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09
232	463811.52	3773450.72	2.53E-08	0.00E+00	0.00E+00	0.00E+00	2.53E-08	3.87E-09	0.00E+00	0.00E+00	0.00E+00	3.87E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09
233	463913	3773284.69	1.52E-08	0.00E+00	0.00E+00	0.00E+00	1.52E-08	2.33E-09	0.00E+00	0.00E+00	0.00E+00	2.33E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09
234	463909.76	3773293.42	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
235	463906.53	3773302.15	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09
236	463903.29	3773310.89	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
237	463900.06	3773319.62	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
238	463896.82	3773328.36	1.74E-08	0.00E+00	0.00E+00	0.00E+00	1.74E-08	2.66E-09	0.00E+00	0.00E+00	0.00E+00	2.66E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09
239	463893.58	3773337.09	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	2.72E-09	0.00E+00	0.00E+00	0.00E+00	2.72E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
240	463890.35	3773345.83	1.82E-08	0.00E+00	0.00E+00	0.00E+00	1.82E-08	2.79E-09	0.00E+00	0.00E+00	0.00E+00	2.79E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
241	463887.11	3773354.56	1.86E-08	0.00E+00	0.00E+00	0.00E+00	1.86E-08	2.85E-09	0.00E+00	0.00E+00	0.00E+00	2.85E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
242	463883.88	3773363.29	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	2.92E-09	0.00E+00	0.00E+00	0.00E+00	2.92E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
243	463880.64	3773372.03	1.95E-08	0.00E+00	0.00E+00	0.00E+00	1.95E-08	2.98E-09	0.00E+00	0.00E+00	0.00E+00	2.98E-09	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09
244	463877.41	3773380.76	1.99E-08	0.00E+00	0.00E+00	0.00E+00	1.99E-08	3.04E-09	0.00E+00	0.00E+00	0.00E+00	3.04E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-09
245	463874.17	3773389.5	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	3.10E-09	0.00E+00	0.00E+00	0.00E+00	3.10E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
246	463870.93	3773398.23	2.07E-08	0.00E+00	0.00E+00	0.00E+00	2.07E-08	3.16E-09	0.00E+00	0.00E+00	0.00E+00	3.16E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	1.36E-09
247	463867.7	3773406.96	2.10E-08	0.00E+00	0.00E+00	0.00E+00	2.10E-08	3.22E-09	0.00E+00	0.00E+00	0.00E+00	3.22E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	1.38E-09
248	463864.46	3773415.7	2.14E-08	0.00E+00	0.00E+00	0.00E+00	2.14E-08	3.28E-09	0.00E+00	0.00E+00	0.00E+00	3.28E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	1.41E-09
249	463861.23	3773424.43	2.18E-08	0.00E+00	0.00E+00	0.00E+00	2.18E-08	3.33E-09	0.00E+00	0.00E+00	0.00E+00	3.33E-09	1.43E-09	0.00E+00	0.00E+00	0.00E+00	1.43E-09
250	463857.99	3773433.17	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.21E-08	3.39E-09	0.00E+00	0.00E+00	0.00E+00	3.39E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	1.45E-09
251	463854.76	3773441.9	2.25E-08	0.00E+00	0.00E+00	0.00E+00	2.25E-08	3.44E-09	0.00E+00	0.00E+00	0.00E+00	3.44E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	1.47E-09
252	463851.52	3773450.64	2.28E-08	0.00E+00	0.00E+00	0.00E+00	2.28E-08	3.49E-09	0.00E+00	0.00E+00	0.00E+00	3.49E-09	1.49E-09	0.00E+00	0.00E+00	0.00E+00	1.49E-09
253	463953	3773284.61	1.38E-08	0.00E+00	0.00E+00	0.00E+00	1.38E-08	2.11E-09	0.00E+00	0.00E+00	0.00E+00	2.11E-09	9.06E-10	0.00E+00	0.00E+00	0.00E+00	9.06E-10
254	463949.76	3773293.34	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09	9.30E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-10
255	463946.53	3773302.07	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09	9.55E-10	0.00E+00	0.00E+00	0.00E+00	9.55E-10
256	463943.29	3773310.81	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.29E-09	0.00E+00	0.00E+00	0.00E+00	2.29E-09	9.80E-10	0.00E+00	0.00E+00	0.00E+00	9.80E-10
257	463940.06	3773319.54	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.01E-09
258	463936.82	3773328.28	1.57E-08	0.00E+00	0.00E+00	0.00E+00	1.57E-08	2.40E-09	0.00E+00	0.00E+00	0.00E+00	2.40E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	1.03E-09
259	463933.58	3773337.01	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
260	463930.35	3773345.74	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.52E-09	0.00E+00	0.00E+00	0.00E+00	2.52E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	1.08E-09
261	463927.11	3773354.48	1.68E-08	0.00E+00	0.00E+00	0.00E+00	1.68E-08	2.58E-09	0.00E+00	0.00E+00	0.00E+00	2.58E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.10E-09
262	463923.88	3773363.21	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	2.63E-09	0.00E+00	0.00E+00	0.00E+00	2.63E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
263	463920.64	3773371.95	1.76E-08	0.00E+00	0.00E+00	0.00E+00	1.76E-08	2.69E-09	0.00E+00	0.00E+00	0.00E+00	2.69E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
264	463917.41	3773380.68	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.75E-09	0.00E+00	0.00E+00	0.00E+00	2.75E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09
265	463914.17	3773389.42	1.83E-08	0.00E+00	0.00E+00	0.00E+00	1.83E-08	2.80E-09	0.00E+00	0.00E+00	0.00E+00	2.80E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09
266	463910.93	3773398.15	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	2.86E-09	0.00E+00	0.00E+00	0.00E+00	2.86E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	1.22E-09
267	463907.7	3773406.88	1.90E-08	0.00E+00	0.00E+00	0.00E+00	1.90E-08	2.91E-09	0.00E+00	0.00E+00	0.00E+00	2.91E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
268	463904.46	3773415.62	1.93E-08	0.00E+00	0.00E+00	0.00E+00	1.93E-08	2.96E-09	0.00E+00	0.00E+00	0.00E+00	2.96E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	1.27E-09
269	463901.23	3773424.35	1.97E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-08	3.01E-09	0.00E+00	0.00E+00	0.00E+00	3.01E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	1.29E-09
270	463897.99	3773433.09	2.00E-08	0.00E+00	0.00E+00	0.00E+00	2.00E-08	3.06E-09	0.00E+00	0.00E+00	0.00E+00	3.06E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09
271	463894.76	3773441.82	2.03E-08	0.00E+00	0.00E+00	0.00E+00	2.03E-08	3.11E-09	0.00E+00	0.00E+00	0.00E+00	3.11E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	1.33E-09
272	463891.52	3773450.55	2.06E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-08	3.15E-09	0.00E+00	0.00E+00	0.00E+00	3.15E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09
273	463993	3773284.52	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09	8.25E-10	0.00E+00	0.00E+00	0.00E+00	8.25E-10
274	463989.76	3773293.26	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.97E-09	0.00E+00	0.00E+00	0.00E+00	1.97E-09	8.46E-10	0.00E+00	0.00E+00	0.00E+00	8.46E-10
275	463986.53	3773301.99	1.32E-08	0.00E+00	0.00E+00	0.00E+00	1.32E-08	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09	8.68E-10	0.00E+00	0.00E+00	0.00E+00	8.68E-10
276	463983.29	3773310.73	1.36E-08	0.00E+00	0.00E+00	0.00E+00	1.36E-08	2.08E-09	0.00E+00	0.00E+00	0.00E+00	2.08E-09	8.91E-10	0.00E+00	0.00E+00	0.00E+00	8.91E-10
277	463980.06	3773319.46	1.39E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-08	2.13E-09	0.00E+00	0.00E+00	0.00E+00	2.13E-09	9.13E-10	0.00E+00	0.00E+00	0.00E+00	9.13E-10
278	463976.82	3773328.2	1.43E-08	0.00E+00	0.00E+00	0.00E+00	1.43E-08	2.18E-09	0.00E+00	0.00E+00	0.00E+00	2.18E-09	9.35E-10	0.00E+00	0.00E+00	0.00E+00	9.35E-10
279	463973.58	3773336.93	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	2.23E-09	0.00E+00	0.00E+00	0.00E+00	2.23E-09	9.57E-10	0.00E+00	0.00E+00	0.00E+00	9.57E-10
280	463970.35	3773345.66	1.49E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-08	2.28E-09	0.00E+00	0.00E+00	0.00E+00	2.28E-09	9.79E-10	0.00E+00	0.00E+00	0.00E+00	9.79E-10
281	463967.11	3773354.4	1.53E-08	0.00E+00	0.00E+00	0.00E+00	1.53E-08	2.34E-09	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	1.00E-09

282	463963.88	3773363.13	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	2.39E-09	0.00E+00	0.00E+00	0.00E+00	2.39E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
283	463960.64	3773371.87	1.59E-08	0.00E+00	0.00E+00	0.00E+00	1.59E-08	2.44E-09	0.00E+00	0.00E+00	0.00E+00	2.44E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
284	463957.41	3773380.6	1.63E-08	0.00E+00	0.00E+00	0.00E+00	1.63E-08	2.49E-09	0.00E+00	0.00E+00	0.00E+00	2.49E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	1.07E-09
285	463954.17	3773389.33	1.66E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-08	2.54E-09	0.00E+00	0.00E+00	0.00E+00	2.54E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
286	463950.93	3773398.07	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.69E-08	2.59E-09	0.00E+00	0.00E+00	0.00E+00	2.59E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	1.11E-09
287	463947.7	3773406.8	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-08	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
288	463944.46	3773415.54	1.75E-08	0.00E+00	0.00E+00	0.00E+00	1.75E-08	2.68E-09	0.00E+00	0.00E+00	0.00E+00	2.68E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.15E-09
289	463941.23	3773424.27	1.78E-08	0.00E+00	0.00E+00	0.00E+00	1.78E-08	2.73E-09	0.00E+00	0.00E+00	0.00E+00	2.73E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
290	463937.99	3773433.01	1.81E-08	0.00E+00	0.00E+00	0.00E+00	1.81E-08	2.77E-09	0.00E+00	0.00E+00	0.00E+00	2.77E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	1.19E-09
291	463934.76	3773441.74	1.84E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-08	2.82E-09	0.00E+00	0.00E+00	0.00E+00	2.82E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
292	463931.52	3773450.47	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.87E-08	2.86E-09	0.00E+00	0.00E+00	0.00E+00	2.86E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	1.23E-09
293	462814.05	3773505.24	1.91E-08	0.00E+00	0.00E+00	0.00E+00	1.91E-08	2.93E-09	0.00E+00	0.00E+00	0.00E+00	2.93E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-09
294	462805.43	3773501.69	1.85E-08	0.00E+00	0.00E+00	0.00E+00	1.85E-08	2.83E-09	0.00E+00	0.00E+00	0.00E+00	2.83E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09
295	462796.81	3773498.14	1.79E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-08	2.74E-09	0.00E+00	0.00E+00	0.00E+00	2.74E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09
296	462788.19	3773494.59	1.73E-08	0.00E+00	0.00E+00	0.00E+00	1.73E-08	2.64E-09	0.00E+00	0.00E+00	0.00E+00	2.64E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.13E-09
297	462779.57	3773491.05	1.67E-08	0.00E+00	0.00E+00	0.00E+00	1.67E-08	2.55E-09	0.00E+00	0.00E+00	0.00E+00	2.55E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
298	462770.95	3773487.5	1.61E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-08	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
299	462814.24	3773535.32	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.65E-08	2.53E-09	0.00E+00	0.00E+00	0.00E+00	2.53E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09
300	462805.64	3773531.77	1.60E-08	0.00E+00	0.00E+00	0.00E+00	1.60E-08	2.46E-09	0.00E+00	0.00E+00	0.00E+00	2.46E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	1.05E-09
301	462797.04	3773528.23	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.56E-08	2.38E-09	0.00E+00	0.00E+00	0.00E+00	2.38E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-09
302	462788.43	3773524.69	1.51E-08	0.00E+00	0.00E+00	0.00E+00	1.51E-08	2.31E-09	0.00E+00	0.00E+00	0.00E+00	2.31E-09	9.90E-10	0.00E+00	0.00E+00	0.00E+00	9.90E-10
303	462779.83	3773521.15	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.46E-08	2.24E-09	0.00E+00	0.00E+00	0.00E+00	2.24E-09	9.60E-10	0.00E+00	0.00E+00	0.00E+00	9.60E-10
304	462771.23	3773517.61	1.42E-08	0.00E+00	0.00E+00	0.00E+00	1.42E-08	2.17E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-09	9.30E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-10
305	462762.63	3773514.07	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09	9.02E-10	0.00E+00	0.00E+00	0.00E+00	9.02E-10
306	462754.02	3773510.53	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09	8.74E-10	0.00E+00	0.00E+00	0.00E+00	8.74E-10
307	462745.42	3773506.99	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09	8.47E-10	0.00E+00	0.00E+00	0.00E+00	8.47E-10
308	462736.82	3773503.45	1.25E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-08	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	8.21E-10	0.00E+00	0.00E+00	0.00E+00	8.21E-10
309	462728.21	3773499.91	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.21E-08	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09	7.95E-10	0.00E+00	0.00E+00	0.00E+00	7.95E-10
310	462719.61	3773496.37	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.17E-08	1.80E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-09	7.70E-10	0.00E+00	0.00E+00	0.00E+00	7.70E-10
311	462711.01	3773492.83	1.14E-08	0.00E+00	0.00E+00	0.00E+00	1.14E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	7.46E-10	0.00E+00	0.00E+00	0.00E+00	7.46E-10
312	462702.41	3773489.29	1.10E-08	0.00E+00	0.00E+00	0.00E+00	1.10E-08	1.69E-09	0.00E+00	0.00E+00	0.00E+00	1.69E-09	7.24E-10	0.00E+00	0.00E+00	0.00E+00	7.24E-10
313	462813.81	3773565.14	1.45E-08	0.00E+00	0.00E+00	0.00E+00	1.45E-08	2.22E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-09	9.53E-10	0.00E+00	0.00E+00	0.00E+00	9.53E-10
314	462805.17	3773561.58	1.41E-08	0.00E+00	0.00E+00	0.00E+00	1.41E-08	2.16E-09	0.00E+00	0.00E+00	0.00E+00	2.16E-09	9.26E-10	0.00E+00	0.00E+00	0.00E+00	9.26E-10
315	462796.53	3773558.03	1.37E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-08	2.10E-09	0.00E+00	0.00E+00	0.00E+00	2.10E-09	9.00E-10	0.00E+00	0.00E+00	0.00E+00	9.00E-10
316	462787.89	3773554.47	1.33E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-08	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09	8.74E-10	0.00E+00	0.00E+00	0.00E+00	8.74E-10
317	462779.26	3773550.92	1.29E-08	0.00E+00	0.00E+00	0.00E+00	1.29E-08	1.98E-09	0.00E+00	0.00E+00	0.00E+00	1.98E-09	8.49E-10	0.00E+00	0.00E+00	0.00E+00	8.49E-10
318	462770.62	3773547.36	1.26E-08	0.00E+00	0.00E+00	0.00E+00	1.26E-08	1.92E-09	0.00E+00	0.00E+00	0.00E+00	1.92E-09	8.24E-10	0.00E+00	0.00E+00	0.00E+00	8.24E-10
319	462761.98	3773543.81	1.22E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-08	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09	8.00E-10	0.00E+00	0.00E+00	0.00E+00	8.00E-10
320	462753.34	3773540.25	1.18E-08	0.00E+00	0.00E+00	0.00E+00	1.18E-08	1.81E-09	0.00E+00	0.00E+00	0.00E+00	1.81E-09	7.76E-10	0.00E+00	0.00E+00	0.00E+00	7.76E-10
321	462744.7	3773536.7	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-08	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09	7.53E-10	0.00E+00	0.00E+00	0.00E+00	7.53E-10
322	462736.06	3773533.14	1.12E-08	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.71E-09	0.00E+00	0.00E+00	0.00E+00	1.71E-09	7.32E-10	0.00E+00	0.00E+00	0.00E+00	7.32E-10
323	462727.43	3773529.59	1.08E-08	0.00E+00	0.00E+00	0.00E+00	1.08E-08	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	7.11E-10	0.00E+00	0.00E+00	0.00E+00	7.11E-10
324	462718.79	3773526.03	1.05E-08	0.00E+00	0.00E+00	0.00E+00	1.05E-08	1.61E-09	0.00E+00	0.00E+00	0.00E+00	1.61E-09	6.91E-10	0.00E+00	0.00E+00	0.00E+00	6.91E-10
325	462710.15	3773522.48	1.02E-08	0.00E+00	0.00E+00	0.00E+00	1.02E-08	1.57E-09	0.00E+00	0.00E+00	0.00E+00	1.57E-09	6.72E-10	0.00E+00	0.00E+00	0.00E+00	6.72E-10
326	462701.51	3773518.92	9.95E-09	0.00E+00	0.00E+00	0.00E+00	9.95E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	1.52E-09	6.53E-10	0.00E+00	0.00E+00	0.00E+00	6.53E-10
327	462692.87	3773515.37	9.68E-09	0.00E+00	0.00E+00	0.00E+00	9.68E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	1.48E-09	6.35E-10	0.00E+00	0.00E+00	0.00E+00	6.35E-10
328	462684.23	3773511.81	9.41E-09	0.00E+00	0.00E+00	0.00E+00	9.41E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	1.44E-09	6.18E-10	0.00E+00	0.00E+00	0.00E+00	6.18E-10
329	462675.6	3773508.26	9.16E-09	0.00E+00	0.00E+00	0.00E+00	9.16E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	1.40E-09	6.01E-10	0.00E+00	0.00E+00	0.00E+00	6.01E-10
330	462666.96	3773504.7	8.92E-09	0.00E+00	0.00E+00	0.00E+00	8.92E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09	5.85E-10	0.00E+00	0.00E+00	0.00E+00	5.85E-10
331	462661.88	3773495.5	8.96E-09	0.00E+00	0.00E+00	0.00E+00	8.96E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	1.37E-09	5.88E-10	0.00E+00	0.00E+00	0.00E+00	5.88E-10
332	462762.25	3773573.92	1.09E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	7.19E-10	0.00E+00	0.00E+00	0.00E+00	7.19E-10
333	462753.63	3773570.37	1.07E-08	0.00E+00	0.00E+00	0.00E+00	1.07E-08	1.63E-09	0.00E+00	0.00E+00	0.00E+00	1.63E-09	7.00E-10	0.00E+00	0.00E+00	0.00E+00	7.00E-10
334	462745.01	3773566.82	1.04E-08	0.00E+00	0.00E+00	0.00E+00	1.04E-08	1.59E-09	0.00E+00	0.00E+00	0.00E+00	1.59E-09	6.81E-10	0.00E+00	0.00E+00	0.00E+00	6.81E-10
335	462736.38	3773563.27	1.01E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.55E-09	0.00E+00	0.00E+00	0.00E+00	1.55E-09	6.63E-10	0.00E+00	0.00E+00	0.00E+00	6.63E-10
336	462727.76	3773559.72	9.83E-09	0.00E+00	0.00E+00	0.00E+00	9.83E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	1.50E-09	6.45E-10	0.00E+00	0.00E+00	0.00E+00	6.45E-10
337	462719.14	3773556.18	9.56E-09	0.00E+00	0.00E+00	0.00E+00	9.56E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	1.46E-09	6.27E-10	0.00E+00	0.00E+00	0.00E+00	6.27E-10
338	462710.51	3773552.63	9.30E-09	0.00E+00	0.00E+00	0.00E+00	9.30E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	1.42E-09	6.10E-10	0.00E+00	0.00E+00	0.00E+00	6.10E-10

339	462701.89	3773549.08	9.05E-09	0.00E+00	0.00E+00	0.00E+00	9.05E-09	1.39E-09	0.00E+00	0.00E+00	0.00E+00	1.39E-09	5.94E-10	0.00E+00	0.00E+00	0.00E+00	5.94E-10
340	462693.27	3773545.53	8.81E-09	0.00E+00	0.00E+00	0.00E+00	8.81E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	1.35E-09	5.78E-10	0.00E+00	0.00E+00	0.00E+00	5.78E-10
341	462684.64	3773541.98	8.57E-09	0.00E+00	0.00E+00	0.00E+00	8.57E-09	1.31E-09	0.00E+00	0.00E+00	0.00E+00	1.31E-09	5.62E-10	0.00E+00	0.00E+00	0.00E+00	5.62E-10
342	462676.02	3773538.43	8.34E-09	0.00E+00	0.00E+00	0.00E+00	8.34E-09	1.28E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-09	5.48E-10	0.00E+00	0.00E+00	0.00E+00	5.48E-10
343	462667.4	3773534.88	8.13E-09	0.00E+00	0.00E+00	0.00E+00	8.13E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	1.24E-09	5.34E-10	0.00E+00	0.00E+00	0.00E+00	5.34E-10
344	462658.77	3773531.33	7.93E-09	0.00E+00	0.00E+00	0.00E+00	7.93E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09	5.20E-10	0.00E+00	0.00E+00	0.00E+00	5.20E-10
345	462650.15	3773527.79	7.74E-09	0.00E+00	0.00E+00	0.00E+00	7.74E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09	5.08E-10	0.00E+00	0.00E+00	0.00E+00	5.08E-10
346	462642.59	3773521.12	7.65E-09	0.00E+00	0.00E+00	0.00E+00	7.65E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09	5.02E-10	0.00E+00	0.00E+00	0.00E+00	5.02E-10
347	462638.96	3773512.53	7.74E-09	0.00E+00	0.00E+00	0.00E+00	7.74E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	1.18E-09	5.08E-10	0.00E+00	0.00E+00	0.00E+00	5.08E-10
348	462635.33	3773503.94	7.82E-09	0.00E+00	0.00E+00	0.00E+00	7.82E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09	5.13E-10	0.00E+00	0.00E+00	0.00E+00	5.13E-10
349	462631.71	3773495.35	7.89E-09	0.00E+00	0.00E+00	0.00E+00	7.89E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	1.21E-09	5.18E-10	0.00E+00	0.00E+00	0.00E+00	5.18E-10
350	462683.85	3773571.65	7.85E-09	0.00E+00	0.00E+00	0.00E+00	7.85E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-09	5.15E-10	0.00E+00	0.00E+00	0.00E+00	5.15E-10
351	462675.2	3773568.09	7.66E-09	0.00E+00	0.00E+00	0.00E+00	7.66E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-09	5.03E-10	0.00E+00	0.00E+00	0.00E+00	5.03E-10
352	462666.55	3773564.53	7.47E-09	0.00E+00	0.00E+00	0.00E+00	7.47E-09	1.14E-09	0.00E+00	0.00E+00	0.00E+00	1.14E-09	4.90E-10	0.00E+00	0.00E+00	0.00E+00	4.90E-10
353	462657.9	3773560.97	7.29E-09	0.00E+00	0.00E+00	0.00E+00	7.29E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	1.12E-09	4.78E-10	0.00E+00	0.00E+00	0.00E+00	4.78E-10
354	462649.24	3773557.41	7.11E-09	0.00E+00	0.00E+00	0.00E+00	7.11E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	1.09E-09	4.67E-10	0.00E+00	0.00E+00	0.00E+00	4.67E-10
355	462640.59	3773553.85	6.94E-09	0.00E+00	0.00E+00	0.00E+00	6.94E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	1.06E-09	4.56E-10	0.00E+00	0.00E+00	0.00E+00	4.56E-10
356	462631.94	3773550.29	6.78E-09	0.00E+00	0.00E+00	0.00E+00	6.78E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	1.04E-09	4.45E-10	0.00E+00	0.00E+00	0.00E+00	4.45E-10
357	462200.27	3773543.39	2.20E-09	0.00E+00	0.00E+00	0.00E+00	2.20E-09	3.37E-10	0.00E+00	0.00E+00	0.00E+00	3.37E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	1.45E-10
358	462196.63	3773534.77	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09	3.38E-10	0.00E+00	0.00E+00	0.00E+00	3.38E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	1.45E-10
359	462192.99	3773526.15	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09	3.38E-10	0.00E+00	0.00E+00	0.00E+00	3.38E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	1.45E-10
360	462189.35	3773517.53	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09	3.39E-10	0.00E+00	0.00E+00	0.00E+00	3.39E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	1.45E-10
361	462185.71	3773508.91	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09	3.39E-10	0.00E+00	0.00E+00	0.00E+00	3.39E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	1.45E-10
362	462182.07	3773500.29	2.21E-09	0.00E+00	0.00E+00	0.00E+00	2.21E-09	3.39E-10	0.00E+00	0.00E+00	0.00E+00	3.39E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	1.45E-10
363	462178.43	3773491.67	2.22E-09	0.00E+00	0.00E+00	0.00E+00	2.22E-09	3.39E-10	0.00E+00	0.00E+00	0.00E+00	3.39E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	1.45E-10
364	462202.55	3773643.88	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09	3.04E-10	0.00E+00	0.00E+00	0.00E+00	3.04E-10	1.30E-10	0.00E+00	0.00E+00	0.00E+00	1.30E-10
365	462198.92	3773635.27	1.99E-09	0.00E+00	0.00E+00	0.00E+00	1.99E-09	3.05E-10	0.00E+00	0.00E+00	0.00E+00	3.05E-10	1.31E-10	0.00E+00	0.00E+00	0.00E+00	1.31E-10
366	462195.28	3773626.66	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09	3.06E-10	0.00E+00	0.00E+00	0.00E+00	3.06E-10	1.31E-10	0.00E+00	0.00E+00	0.00E+00	1.31E-10
367	462191.65	3773618.05	2.00E-09	0.00E+00	0.00E+00	0.00E+00	2.00E-09	3.07E-10	0.00E+00	0.00E+00	0.00E+00	3.07E-10	1.32E-10	0.00E+00	0.00E+00	0.00E+00	1.32E-10
368	462188.01	3773609.44	2.01E-09	0.00E+00	0.00E+00	0.00E+00	2.01E-09	3.08E-10	0.00E+00	0.00E+00	0.00E+00	3.08E-10	1.32E-10	0.00E+00	0.00E+00	0.00E+00	1.32E-10
369	462184.38	3773600.83	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09	3.09E-10	0.00E+00	0.00E+00	0.00E+00	3.09E-10	1.33E-10	0.00E+00	0.00E+00	0.00E+00	1.33E-10
370	462180.74	3773592.22	2.02E-09	0.00E+00	0.00E+00	0.00E+00	2.02E-09	3.10E-10	0.00E+00	0.00E+00	0.00E+00	3.10E-10	1.33E-10	0.00E+00	0.00E+00	0.00E+00	1.33E-10
371	462177.1	3773583.61	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09	3.11E-10	0.00E+00	0.00E+00	0.00E+00	3.11E-10	1.33E-10	0.00E+00	0.00E+00	0.00E+00	1.33E-10
372	462173.47	3773575	2.03E-09	0.00E+00	0.00E+00	0.00E+00	2.03E-09	3.11E-10	0.00E+00	0.00E+00	0.00E+00	3.11E-10	1.33E-10	0.00E+00	0.00E+00	0.00E+00	1.33E-10
373	462169.83	3773566.39	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09	3.12E-10	0.00E+00	0.00E+00	0.00E+00	3.12E-10	1.34E-10	0.00E+00	0.00E+00	0.00E+00	1.34E-10
374	462166.2	3773557.78	2.04E-09	0.00E+00	0.00E+00	0.00E+00	2.04E-09	3.12E-10	0.00E+00	0.00E+00	0.00E+00	3.12E-10	1.34E-10	0.00E+00	0.00E+00	0.00E+00	1.34E-10
375	462162.56	3773549.17	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	3.13E-10	0.00E+00	0.00E+00	0.00E+00	3.13E-10	1.34E-10	0.00E+00	0.00E+00	0.00E+00	1.34E-10
376	462158.93	3773540.56	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	3.14E-10	0.00E+00	0.00E+00	0.00E+00	3.14E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	1.35E-10
377	462155.29	3773531.95	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	3.14E-10	0.00E+00	0.00E+00	0.00E+00	3.14E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	1.35E-10
378	462151.65	3773523.34	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	3.14E-10	0.00E+00	0.00E+00	0.00E+00	3.14E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	1.35E-10
379	462148.02	3773514.73	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	3.14E-10	0.00E+00	0.00E+00	0.00E+00	3.14E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	1.35E-10
380	462144.38	3773506.12	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	3.14E-10	0.00E+00	0.00E+00	0.00E+00	3.14E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	1.35E-10
381	462140.75	3773497.51	2.05E-09	0.00E+00	0.00E+00	0.00E+00	2.05E-09	3.14E-10	0.00E+00	0.00E+00	0.00E+00	3.14E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	1.35E-10
382	462171.25	3773664.83	1.85E-09	0.00E+00	0.00E+00	0.00E+00	1.85E-09	2.83E-10	0.00E+00	0.00E+00	0.00E+00	2.83E-10	1.21E-10	0.00E+00	0.00E+00	0.00E+00	1.21E-10
383	462167.61	3773656.21	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	2.84E-10	0.00E+00	0.00E+00	0.00E+00	2.84E-10	1.22E-10	0.00E+00	0.00E+00	0.00E+00	1.22E-10
384	462163.97	3773647.59	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.86E-09	2.85E-10	0.00E+00	0.00E+00	0.00E+00	2.85E-10	1.22E-10	0.00E+00	0.00E+00	0.00E+00	1.22E-10
385	462160.33	3773638.97	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09	2.86E-10	0.00E+00	0.00E+00	0.00E+00	2.86E-10	1.22E-10	0.00E+00	0.00E+00	0.00E+00	1.22E-10
386	462156.69	3773630.35	1.87E-09	0.00E+00	0.00E+00	0.00E+00	1.87E-09	2.86E-10	0.00E+00	0.00E+00	0.00E+00	2.86E-10	1.23E-10	0.00E+00	0.00E+00	0.00E+00	1.23E-10
387	462153.05	3773621.73	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09	2.87E-10	0.00E+00	0.00E+00	0.00E+00	2.87E-10	1.23E-10	0.00E+00	0.00E+00	0.00E+00	1.23E-10
388	462149.41	3773613.11	1.88E-09	0.00E+00	0.00E+00	0.00E+00	1.88E-09	2.88E-10	0.00E+00	0.00E+00	0.00E+00	2.88E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	1.24E-10
389	462145.77	3773604.49	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09	2.89E-10	0.00E+00	0.00E+00	0.00E+00	2.89E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	1.24E-10
390	462142.13	3773595.87	1.89E-09	0.00E+00	0.00E+00	0.00E+00	1.89E-09	2.90E-10	0.00E+00	0.00E+00	0.00E+00	2.90E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	1.24E-10
391	462138.49	3773587.25	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	2.90E-10	0.00E+00	0.00E+00	0.00E+00	2.90E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	1.24E-10
392	462134.85	3773578.63	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	2.91E-10	0.00E+00	0.00E+00	0.00E+00	2.91E-10	1.25E-10	0.00E+00	0.00E+00	0.00E+00	1.25E-10
393	462131.21	3773570.01	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	2.91E-10	0.00E+00	0.00E+00	0.00E+00	2.91E-10	1.25E-10	0.00E+00	0.00E+00	0.00E+00	1.25E-10
394	462127.57	3773561.39	1.90E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-09	2.92E-10	0.00E+00	0.00E+00	0.00E+00	2.92E-10	1.25E-10	0.00E+00	0.00E+00	0.00E+00	1.25E-10
395	462123.93	3773552.77	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	2.92E-10	0.00E+00	0.00E+00	0.00E+00	2.92E-10	1.25E-10	0.00E+00	0.00E+00	0.00E+00	1.25E-10

396	462120.29	3773544.15	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	2.93E-10	0.00E+00	0.00E+00	0.00E+00	2.93E-10	1.25E-10	0.00E+00	0.00E+00	0.00E+00	1.25E-10
397	462116.65	3773535.53	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	2.93E-10	0.00E+00	0.00E+00	0.00E+00	2.93E-10	1.26E-10	0.00E+00	0.00E+00	0.00E+00	1.26E-10
398	462113.01	3773526.91	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	2.93E-10	0.00E+00	0.00E+00	0.00E+00	2.93E-10	1.26E-10	0.00E+00	0.00E+00	0.00E+00	1.26E-10
399	462109.37	3773518.29	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	2.93E-10	0.00E+00	0.00E+00	0.00E+00	2.93E-10	1.26E-10	0.00E+00	0.00E+00	0.00E+00	1.26E-10
400	462105.73	3773509.67	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	2.93E-10	0.00E+00	0.00E+00	0.00E+00	2.93E-10	1.26E-10	0.00E+00	0.00E+00	0.00E+00	1.26E-10
401	462102.09	3773501.04	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	2.93E-10	0.00E+00	0.00E+00	0.00E+00	2.93E-10	1.26E-10	0.00E+00	0.00E+00	0.00E+00	1.26E-10
402	462098.45	3773492.42	1.91E-09	0.00E+00	0.00E+00	0.00E+00	1.91E-09	2.93E-10	0.00E+00	0.00E+00	0.00E+00	2.93E-10	1.26E-10	0.00E+00	0.00E+00	0.00E+00	1.26E-10
403	462129.86	3773661.91	1.74E-09	0.00E+00	0.00E+00	0.00E+00	1.74E-09	2.67E-10	0.00E+00	0.00E+00	0.00E+00	2.67E-10	1.14E-10	0.00E+00	0.00E+00	0.00E+00	1.14E-10
404	462126.23	3773653.3	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09	2.68E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-10
405	462122.59	3773644.69	1.75E-09	0.00E+00	0.00E+00	0.00E+00	1.75E-09	2.68E-10	0.00E+00	0.00E+00	0.00E+00	2.68E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-10
406	462118.95	3773636.08	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09	2.69E-10	0.00E+00	0.00E+00	0.00E+00	2.69E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	1.15E-10
407	462115.32	3773627.47	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09	2.70E-10	0.00E+00	0.00E+00	0.00E+00	2.70E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-10
408	462111.68	3773618.85	1.76E-09	0.00E+00	0.00E+00	0.00E+00	1.76E-09	2.70E-10	0.00E+00	0.00E+00	0.00E+00	2.70E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-10
409	462108.04	3773610.24	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	2.71E-10	0.00E+00	0.00E+00	0.00E+00	2.71E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-10
410	462104.41	3773601.63	1.77E-09	0.00E+00	0.00E+00	0.00E+00	1.77E-09	2.72E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	1.16E-10
411	462100.77	3773593.02	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	2.72E-10	0.00E+00	0.00E+00	0.00E+00	2.72E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10
412	462097.13	3773584.41	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	2.73E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10
413	462093.5	3773575.8	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	2.73E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10
414	462089.86	3773567.18	1.78E-09	0.00E+00	0.00E+00	0.00E+00	1.78E-09	2.73E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10
415	462086.22	3773558.57	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	2.73E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10
416	462082.59	3773549.96	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	2.74E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10
417	462078.95	3773541.35	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	2.74E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	1.18E-10
418	462075.32	3773532.74	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	2.74E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	1.18E-10
419	462071.68	3773524.13	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	2.74E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	1.18E-10
420	462068.04	3773515.51	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	2.74E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10
421	462064.41	3773506.9	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	2.74E-10	0.00E+00	0.00E+00	0.00E+00	2.74E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10
422	462060.77	3773498.29	1.79E-09	0.00E+00	0.00E+00	0.00E+00	1.79E-09	2.73E-10	0.00E+00	0.00E+00	0.00E+00	2.73E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	1.17E-10
423	462091.27	3773665.6	1.64E-09	0.00E+00	0.00E+00	0.00E+00	1.64E-09	2.52E-10	0.00E+00	0.00E+00	0.00E+00	2.52E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	1.08E-10
424	462087.63	3773656.98	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	2.52E-10	0.00E+00	0.00E+00	0.00E+00	2.52E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	1.08E-10
425	462083.99	3773648.36	1.65E-09	0.00E+00	0.00E+00	0.00E+00	1.65E-09	2.53E-10	0.00E+00	0.00E+00	0.00E+00	2.53E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	1.08E-10
426	462080.35	3773639.74	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	2.53E-10	0.00E+00	0.00E+00	0.00E+00	2.53E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-10
427	462076.7	3773631.12	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	2.54E-10	0.00E+00	0.00E+00	0.00E+00	2.54E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-10
428	462073.06	3773622.49	1.66E-09	0.00E+00	0.00E+00	0.00E+00	1.66E-09	2.54E-10	0.00E+00	0.00E+00	0.00E+00	2.54E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-10
429	462069.42	3773613.87	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09	2.55E-10	0.00E+00	0.00E+00	0.00E+00	2.55E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	1.09E-10
430	462065.78	3773605.25	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09	2.56E-10	0.00E+00	0.00E+00	0.00E+00	2.56E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
431	462062.14	3773596.63	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09	2.56E-10	0.00E+00	0.00E+00	0.00E+00	2.56E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
432	462058.5	3773588.01	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	2.56E-10	0.00E+00	0.00E+00	0.00E+00	2.56E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
433	462054.86	3773579.39	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	2.56E-10	0.00E+00	0.00E+00	0.00E+00	2.56E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
434	462051.22	3773570.77	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	2.57E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
435	462047.58	3773562.15	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	2.57E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
436	462043.94	3773553.53	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	2.57E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
437	462040.3	3773544.9	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	2.57E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
438	462036.66	3773536.28	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	2.57E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
439	462033.02	3773527.66	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	2.57E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
440	462029.38	3773519.04	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	2.57E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
441	462025.74	3773510.42	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	2.57E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
442	462022.1	3773501.8	1.68E-09	0.00E+00	0.00E+00	0.00E+00	1.68E-09	2.57E-10	0.00E+00	0.00E+00	0.00E+00	2.57E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10
443	462018.46	3773493.18	1.67E-09	0.00E+00	0.00E+00	0.00E+00	1.67E-09	2.56E-10	0.00E+00	0.00E+00	0.00E+00	2.56E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	1.10E-10

			T2		5		T2L3				T4F			
			1	463443.12	3773285.31									
			6.20E-04	0.00E+00	0.00E+00	0.00E+00	9.48E-05	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	0.00E+00
			Yr 1	Yr 2	Yr 3	Yr 4	Yr 1	Yr 2	Yr 3	Yr 4	Yr 1	Yr 2	Yr 3	Yr 4
1	463443.1	3773285	5.60E-04	0.00E+00	0.00E+00	0.00E+00	8.58E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00
2	463439.9	3773294	5.80E-04	0.00E+00	0.00E+00	0.00E+00	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00
3	463436.7	3773303	5.98E-04	0.00E+00	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00
4	463473	3773286	4.85E-04	0.00E+00	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	0.00E+00
5	463469.8	3773294	5.02E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00
6	463466.5	3773303	5.18E-04	0.00E+00	0.00E+00	0.00E+00	7.93E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	0.00E+00
7	463463.3	3773312	5.33E-04	0.00E+00	0.00E+00	0.00E+00	8.17E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00
8	463460.1	3773321	5.48E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05	0.00E+00	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	0.00E+00
9	463456.8	3773329	5.62E-04	0.00E+00	0.00E+00	0.00E+00	8.60E-05	0.00E+00	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00
10	463453.6	3773338	5.75E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-05	0.00E+00	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	0.00E+00
11	463450.4	3773347	5.86E-04	0.00E+00	0.00E+00	0.00E+00	8.97E-05	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00
12	463447.1	3773355	5.96E-04	0.00E+00	0.00E+00	0.00E+00	9.12E-05	0.00E+00	0.00E+00	0.00E+00	3.91E-05	0.00E+00	0.00E+00	0.00E+00
13	463443.9	3773364	6.05E-04	0.00E+00	0.00E+00	0.00E+00	9.26E-05	0.00E+00	0.00E+00	0.00E+00	3.97E-05	0.00E+00	0.00E+00	0.00E+00
14	463440.6	3773373	6.13E-04	0.00E+00	0.00E+00	0.00E+00	9.38E-05	0.00E+00	0.00E+00	0.00E+00	4.02E-05	0.00E+00	0.00E+00	0.00E+00
15	463437.4	3773382	6.20E-04	0.00E+00	0.00E+00	0.00E+00	9.48E-05	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	0.00E+00
16	463502.9	3773286	4.23E-04	0.00E+00	0.00E+00	0.00E+00	6.47E-05	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00
17	463499.6	3773295	4.37E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05	0.00E+00	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00
18	463496.4	3773303	4.52E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00
19	463493.1	3773312	4.65E-04	0.00E+00	0.00E+00	0.00E+00	7.12E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	0.00E+00
20	463489.9	3773321	4.78E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00
21	463486.6	3773330	4.91E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	0.00E+00
22	463483.4	3773339	5.02E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00
23	463480.1	3773347	5.13E-04	0.00E+00	0.00E+00	0.00E+00	7.86E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	0.00E+00
24	463476.8	3773356	5.23E-04	0.00E+00	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00
25	463473.6	3773365	5.32E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	0.00E+00
26	463470.3	3773374	5.40E-04	0.00E+00	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00
27	463467.1	3773383	5.46E-04	0.00E+00	0.00E+00	0.00E+00	8.36E-05	0.00E+00	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00
28	463463.8	3773391	5.51E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	0.00E+00
29	463460.6	3773400	5.56E-04	0.00E+00	0.00E+00	0.00E+00	8.51E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00
30	463457.3	3773409	5.59E-04	0.00E+00	0.00E+00	0.00E+00	8.56E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00
31	463454	3773418	5.61E-04	0.00E+00	0.00E+00	0.00E+00	8.59E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00
32	463450.8	3773426	5.61E-04	0.00E+00	0.00E+00	0.00E+00	8.59E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00
33	463447.5	3773435	5.59E-04	0.00E+00	0.00E+00	0.00E+00	8.56E-05	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00
34	463444.3	3773444	5.57E-04	0.00E+00	0.00E+00	0.00E+00	8.53E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00
35	463441	3773453	5.54E-04	0.00E+00	0.00E+00	0.00E+00	8.48E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00
36	463533.2	3773285	3.69E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00
37	463530	3773294	3.82E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00
38	463526.8	3773302	3.94E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00
39	463523.6	3773311	4.06E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00
40	463520.4	3773319	4.17E-04	0.00E+00	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00
41	463517.2	3773328	4.28E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00
42	463514	3773337	4.39E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00

43	463510.8	3773345	4.49E-04	0.00E+00	0.00E+00	0.00E+00	6.87E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00
44	463507.6	3773354	4.58E-04	0.00E+00	0.00E+00	0.00E+00	7.01E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	0.00E+00
45	463504.4	3773363	4.67E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-05	0.00E+00	0.00E+00	0.00E+00
46	463501.2	3773371	4.75E-04	0.00E+00	0.00E+00	0.00E+00	7.26E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00
47	463498	3773380	4.81E-04	0.00E+00	0.00E+00	0.00E+00	7.36E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00
48	463494.8	3773388	4.87E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00
49	463491.7	3773397	4.92E-04	0.00E+00	0.00E+00	0.00E+00	7.53E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00
50	463488.5	3773406	4.96E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00
51	463485.3	3773414	4.99E-04	0.00E+00	0.00E+00	0.00E+00	7.64E-05	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00
52	463482.1	3773423	5.01E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00
53	463478.9	3773432	5.02E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00
54	463475.7	3773440	5.02E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00
55	463472.5	3773449	5.00E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00
56	463563.1	3773285	3.26E-04	0.00E+00	0.00E+00	0.00E+00	4.99E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00
57	463559.9	3773294	3.37E-04	0.00E+00	0.00E+00	0.00E+00	5.16E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00
58	463556.7	3773303	3.48E-04	0.00E+00	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00
59	463553.4	3773311	3.59E-04	0.00E+00	0.00E+00	0.00E+00	5.49E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00
60	463550.2	3773320	3.69E-04	0.00E+00	0.00E+00	0.00E+00	5.64E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00
61	463547	3773329	3.79E-04	0.00E+00	0.00E+00	0.00E+00	5.79E-05	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00
62	463543.8	3773337	3.88E-04	0.00E+00	0.00E+00	0.00E+00	5.94E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	0.00E+00
63	463540.6	3773346	3.97E-04	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00
64	463537.4	3773355	4.06E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00
65	463534.1	3773363	4.14E-04	0.00E+00	0.00E+00	0.00E+00	6.33E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00
66	463530.9	3773372	4.21E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00
67	463527.7	3773381	4.28E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00
68	463524.5	3773389	4.34E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00
69	463521.3	3773398	4.39E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00
70	463518.1	3773407	4.43E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00
71	463514.8	3773415	4.47E-04	0.00E+00	0.00E+00	0.00E+00	6.84E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00
72	463511.6	3773424	4.50E-04	0.00E+00	0.00E+00	0.00E+00	6.88E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00
73	463508.4	3773433	4.52E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00
74	463505.2	3773441	4.53E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00
75	463502	3773450	4.53E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00
76	463593	3773285	2.90E-04	0.00E+00	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00
77	463589.8	3773294	2.99E-04	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00
78	463586.5	3773303	3.09E-04	0.00E+00	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00
79	463583.3	3773312	3.18E-04	0.00E+00	0.00E+00	0.00E+00	4.87E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00
80	463580.1	3773320	3.28E-04	0.00E+00	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00
81	463576.8	3773329	3.37E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00
82	463573.6	3773338	3.45E-04	0.00E+00	0.00E+00	0.00E+00	5.28E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00
83	463570.4	3773346	3.53E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00
84	463567.1	3773355	3.61E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00
85	463563.9	3773364	3.68E-04	0.00E+00	0.00E+00	0.00E+00	5.64E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00
86	463560.6	3773373	3.75E-04	0.00E+00	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00
87	463557.4	3773381	3.82E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00
88	463554.2	3773390	3.88E-04	0.00E+00	0.00E+00	0.00E+00	5.93E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00

89	463550.9	3773399	3.93E-04	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00
90	463547.7	3773408	3.97E-04	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00
91	463544.5	3773416	4.01E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00
92	463541.2	3773425	4.04E-04	0.00E+00	0.00E+00	0.00E+00	6.19E-05	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00
93	463538	3773434	4.07E-04	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00
94	463534.8	3773443	4.09E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00
95	463531.5	3773451	4.10E-04	0.00E+00	0.00E+00	0.00E+00	6.28E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00
96	463633	3773285	2.49E-04	0.00E+00	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00
97	463629.8	3773294	2.57E-04	0.00E+00	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
98	463626.5	3773303	2.65E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00
99	463623.3	3773311	2.73E-04	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00
100	463620.1	3773320	2.81E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00
101	463616.8	3773329	2.89E-04	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00
102	463613.6	3773338	2.97E-04	0.00E+00	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00
103	463610.4	3773346	3.04E-04	0.00E+00	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00
104	463607.1	3773355	3.11E-04	0.00E+00	0.00E+00	0.00E+00	4.75E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00
105	463603.9	3773364	3.17E-04	0.00E+00	0.00E+00	0.00E+00	4.85E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00
106	463600.6	3773373	3.23E-04	0.00E+00	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00
107	463597.4	3773381	3.29E-04	0.00E+00	0.00E+00	0.00E+00	5.04E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00
108	463594.2	3773390	3.35E-04	0.00E+00	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00
109	463590.9	3773399	3.40E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00
110	463587.7	3773408	3.44E-04	0.00E+00	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00
111	463584.5	3773416	3.48E-04	0.00E+00	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00
112	463581.2	3773425	3.52E-04	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00
113	463578	3773434	3.55E-04	0.00E+00	0.00E+00	0.00E+00	5.43E-05	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00
114	463574.8	3773442	3.57E-04	0.00E+00	0.00E+00	0.00E+00	5.47E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00
115	463673	3773285	2.16E-04	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00
116	463669.8	3773294	2.23E-04	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00
117	463666.5	3773303	2.30E-04	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00
118	463663.3	3773311	2.37E-04	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00
119	463660.1	3773320	2.44E-04	0.00E+00	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00
120	463656.8	3773329	2.50E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00
121	463653.6	3773338	2.57E-04	0.00E+00	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
122	463650.4	3773346	2.63E-04	0.00E+00	0.00E+00	0.00E+00	4.03E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00
123	463647.1	3773355	2.69E-04	0.00E+00	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00
124	463643.9	3773364	2.75E-04	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00
125	463640.6	3773373	2.81E-04	0.00E+00	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00
126	463637.4	3773381	2.86E-04	0.00E+00	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00
127	463634.2	3773390	2.91E-04	0.00E+00	0.00E+00	0.00E+00	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00
128	463630.9	3773399	2.96E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00
129	463627.7	3773407	3.00E-04	0.00E+00	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00
130	463624.5	3773416	3.04E-04	0.00E+00	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00
131	463621.2	3773425	3.08E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00
132	463618	3773434	3.11E-04	0.00E+00	0.00E+00	0.00E+00	4.76E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00
133	463614.8	3773442	3.14E-04	0.00E+00	0.00E+00	0.00E+00	4.80E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00
134	463713	3773285	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00

135	463709.8	3773294	1.95E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
136	463706.5	3773303	2.01E-04	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00
137	463703.3	3773311	2.07E-04	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
138	463700.1	3773320	2.13E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00
139	463696.8	3773329	2.19E-04	0.00E+00	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00
140	463693.6	3773337	2.24E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00
141	463690.4	3773346	2.30E-04	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00
142	463687.1	3773355	2.35E-04	0.00E+00	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00
143	463683.9	3773364	2.40E-04	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00
144	463680.6	3773372	2.45E-04	0.00E+00	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00
145	463677.4	3773381	2.50E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00
146	463674.2	3773390	2.55E-04	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00
147	463670.9	3773399	2.59E-04	0.00E+00	0.00E+00	0.00E+00	3.97E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00
148	463667.7	3773407	2.63E-04	0.00E+00	0.00E+00	0.00E+00	4.03E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00
149	463664.5	3773416	2.67E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00
150	463661.2	3773425	2.70E-04	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00
151	463658	3773434	2.74E-04	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00
152	463654.8	3773442	2.77E-04	0.00E+00	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00
153	463753	3773285	1.67E-04	0.00E+00	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
154	463749.8	3773294	1.72E-04	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00
155	463746.5	3773302	1.77E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
156	463743.3	3773311	1.82E-04	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00
157	463740.1	3773320	1.87E-04	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00
158	463736.8	3773329	1.92E-04	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
159	463733.6	3773337	1.97E-04	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00
160	463730.4	3773346	2.02E-04	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00
161	463727.1	3773355	2.07E-04	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00
162	463723.9	3773364	2.11E-04	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
163	463720.6	3773372	2.16E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00
164	463717.4	3773381	2.20E-04	0.00E+00	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00
165	463714.2	3773390	2.24E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00
166	463710.9	3773399	2.28E-04	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00
167	463707.7	3773407	2.32E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00
168	463704.5	3773416	2.35E-04	0.00E+00	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00
169	463701.2	3773425	2.39E-04	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00
170	463698	3773433	2.42E-04	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00
171	463694.8	3773442	2.45E-04	0.00E+00	0.00E+00	0.00E+00	3.75E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00
172	463691.5	3773451	2.48E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00
173	463793	3773285	1.48E-04	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	9.70E-06	0.00E+00	0.00E+00	0.00E+00
174	463789.8	3773294	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	9.99E-06	0.00E+00	0.00E+00	0.00E+00
175	463786.5	3773302	1.57E-04	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
176	463783.3	3773311	1.61E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
177	463780.1	3773320	1.66E-04	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
178	463776.8	3773329	1.70E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
179	463773.6	3773337	1.74E-04	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
180	463770.4	3773346	1.79E-04	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00

181	463767.1	3773355	1.83E-04	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
182	463763.9	3773364	1.87E-04	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00
183	463760.6	3773372	1.91E-04	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00
184	463757.4	3773381	1.95E-04	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
185	463754.2	3773390	1.99E-04	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00
186	463750.9	3773398	2.02E-04	0.00E+00	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00
187	463747.7	3773407	2.06E-04	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
188	463744.5	3773416	2.09E-04	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00
189	463741.2	3773425	2.12E-04	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
190	463738	3773433	2.15E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00
191	463734.8	3773442	2.18E-04	0.00E+00	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00
192	463731.5	3773451	2.21E-04	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00
193	463833	3773285	1.32E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	8.66E-06	0.00E+00	0.00E+00	0.00E+00
194	463829.8	3773294	1.36E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	8.91E-06	0.00E+00	0.00E+00	0.00E+00
195	463826.5	3773302	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	9.16E-06	0.00E+00	0.00E+00	0.00E+00
196	463823.3	3773311	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00	9.42E-06	0.00E+00	0.00E+00	0.00E+00
197	463820.1	3773320	1.47E-04	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	9.68E-06	0.00E+00	0.00E+00	0.00E+00
198	463816.8	3773329	1.51E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	9.93E-06	0.00E+00	0.00E+00	0.00E+00
199	463813.6	3773337	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
200	463810.4	3773346	1.59E-04	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
201	463807.1	3773355	1.63E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
202	463803.9	3773363	1.66E-04	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
203	463800.6	3773372	1.70E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00
204	463797.4	3773381	1.73E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
205	463794.2	3773390	1.77E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
206	463790.9	3773398	1.80E-04	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
207	463787.7	3773407	1.83E-04	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
208	463784.5	3773416	1.86E-04	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
209	463781.2	3773425	1.89E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
210	463778	3773433	1.92E-04	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
211	463774.8	3773442	1.95E-04	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
212	463771.5	3773451	1.97E-04	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00
213	463873	3773285	1.18E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	7.77E-06	0.00E+00	0.00E+00	0.00E+00
214	463869.8	3773294	1.22E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	7.99E-06	0.00E+00	0.00E+00	0.00E+00
215	463866.5	3773302	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00
216	463863.3	3773311	1.29E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	8.44E-06	0.00E+00	0.00E+00	0.00E+00
217	463860.1	3773320	1.32E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	8.66E-06	0.00E+00	0.00E+00	0.00E+00
218	463856.8	3773328	1.35E-04	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	8.88E-06	0.00E+00	0.00E+00	0.00E+00
219	463853.6	3773337	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	9.10E-06	0.00E+00	0.00E+00	0.00E+00
220	463850.4	3773346	1.42E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	9.32E-06	0.00E+00	0.00E+00	0.00E+00
221	463847.1	3773355	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	9.54E-06	0.00E+00	0.00E+00	0.00E+00
222	463843.9	3773363	1.49E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	9.75E-06	0.00E+00	0.00E+00	0.00E+00
223	463840.6	3773372	1.52E-04	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	9.97E-06	0.00E+00	0.00E+00	0.00E+00
224	463837.4	3773381	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
225	463834.2	3773390	1.58E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
226	463830.9	3773398	1.61E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00

227	463827.7	3773407	1.64E-04	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
228	463824.5	3773416	1.67E-04	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00
229	463821.2	3773425	1.70E-04	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00
230	463818	3773433	1.72E-04	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00
231	463814.8	3773442	1.75E-04	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00
232	463811.5	3773451	1.77E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
233	463913	3773285	1.07E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	7.01E-06	0.00E+00	0.00E+00	0.00E+00
234	463909.8	3773293	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	0.00E+00
235	463906.5	3773302	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	0.00E+00
236	463903.3	3773311	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	7.60E-06	0.00E+00	0.00E+00	0.00E+00
237	463900.1	3773320	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	7.79E-06	0.00E+00	0.00E+00	0.00E+00
238	463896.8	3773328	1.22E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	7.99E-06	0.00E+00	0.00E+00	0.00E+00
239	463893.6	3773337	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	8.19E-06	0.00E+00	0.00E+00	0.00E+00
240	463890.4	3773346	1.28E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	8.38E-06	0.00E+00	0.00E+00	0.00E+00
241	463887.1	3773355	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	8.58E-06	0.00E+00	0.00E+00	0.00E+00
242	463883.9	3773363	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.77E-06	0.00E+00	0.00E+00	0.00E+00
243	463880.6	3773372	1.37E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	8.96E-06	0.00E+00	0.00E+00	0.00E+00
244	463877.4	3773381	1.39E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00	9.14E-06	0.00E+00	0.00E+00	0.00E+00
245	463874.2	3773390	1.42E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	9.33E-06	0.00E+00	0.00E+00	0.00E+00
246	463870.9	3773398	1.45E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	9.51E-06	0.00E+00	0.00E+00	0.00E+00
247	463867.7	3773407	1.48E-04	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	9.68E-06	0.00E+00	0.00E+00	0.00E+00
248	463864.5	3773416	1.50E-04	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	0.00E+00
249	463861.2	3773424	1.53E-04	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00
250	463858	3773433	1.55E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
251	463854.8	3773442	1.57E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
252	463851.5	3773451	1.60E-04	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00
253	463953	3773285	9.68E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	6.35E-06	0.00E+00	0.00E+00	0.00E+00
254	463949.8	3773293	9.94E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	0.00E+00
255	463946.5	3773302	1.02E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	0.00E+00
256	463943.3	3773311	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	6.87E-06	0.00E+00	0.00E+00	0.00E+00
257	463940.1	3773320	1.07E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	7.05E-06	0.00E+00	0.00E+00	0.00E+00
258	463936.8	3773328	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	0.00E+00
259	463933.6	3773337	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	0.00E+00
260	463930.4	3773346	1.15E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	0.00E+00
261	463927.1	3773354	1.18E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	7.74E-06	0.00E+00	0.00E+00	0.00E+00
262	463923.9	3773363	1.21E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	7.92E-06	0.00E+00	0.00E+00	0.00E+00
263	463920.6	3773372	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	8.09E-06	0.00E+00	0.00E+00	0.00E+00
264	463917.4	3773381	1.26E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	8.26E-06	0.00E+00	0.00E+00	0.00E+00
265	463914.2	3773389	1.28E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	0.00E+00
266	463910.9	3773398	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	8.58E-06	0.00E+00	0.00E+00	0.00E+00
267	463907.7	3773407	1.33E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	0.00E+00
268	463904.5	3773416	1.36E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	8.90E-06	0.00E+00	0.00E+00	0.00E+00
269	463901.2	3773424	1.38E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	9.05E-06	0.00E+00	0.00E+00	0.00E+00
270	463898	3773433	1.40E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	9.20E-06	0.00E+00	0.00E+00	0.00E+00
271	463894.8	3773442	1.42E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	9.34E-06	0.00E+00	0.00E+00	0.00E+00
272	463891.5	3773451	1.44E-04	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	9.48E-06	0.00E+00	0.00E+00	0.00E+00

273	463993	3773285	8.81E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	0.00E+00
274	463989.8	3773293	9.04E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	5.94E-06	0.00E+00	0.00E+00	0.00E+00
275	463986.5	3773302	9.28E-05	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	0.00E+00
276	463983.3	3773311	9.52E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	6.25E-06	0.00E+00	0.00E+00	0.00E+00
277	463980.1	3773319	9.75E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	0.00E+00
278	463976.8	3773328	9.99E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	6.56E-06	0.00E+00	0.00E+00	0.00E+00
279	463973.6	3773337	1.02E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	0.00E+00
280	463970.4	3773346	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	6.87E-06	0.00E+00	0.00E+00	0.00E+00
281	463967.1	3773354	1.07E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	7.02E-06	0.00E+00	0.00E+00	0.00E+00
282	463963.9	3773363	1.09E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	7.18E-06	0.00E+00	0.00E+00	0.00E+00
283	463960.6	3773372	1.12E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	7.33E-06	0.00E+00	0.00E+00	0.00E+00
284	463957.4	3773381	1.14E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	7.48E-06	0.00E+00	0.00E+00	0.00E+00
285	463954.2	3773389	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	7.63E-06	0.00E+00	0.00E+00	0.00E+00
286	463950.9	3773398	1.19E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	7.78E-06	0.00E+00	0.00E+00	0.00E+00
287	463947.7	3773407	1.21E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	7.92E-06	0.00E+00	0.00E+00	0.00E+00
288	463944.5	3773416	1.23E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	0.00E+00
289	463941.2	3773424	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	8.20E-06	0.00E+00	0.00E+00	0.00E+00
290	463938	3773433	1.27E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	8.34E-06	0.00E+00	0.00E+00	0.00E+00
291	463934.8	3773442	1.29E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	0.00E+00
292	463931.5	3773450	1.31E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	8.60E-06	0.00E+00	0.00E+00	0.00E+00
293	462814.1	3773505	1.34E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-06	0.00E+00	0.00E+00	0.00E+00
294	462805.4	3773502	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	0.00E+00
295	462796.8	3773498	1.25E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00
296	462788.2	3773495	1.21E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	7.94E-06	0.00E+00	0.00E+00	0.00E+00
297	462779.6	3773491	1.17E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	7.66E-06	0.00E+00	0.00E+00	0.00E+00
298	462771	3773488	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	7.39E-06	0.00E+00	0.00E+00	0.00E+00
299	462814.2	3773535	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	7.61E-06	0.00E+00	0.00E+00	0.00E+00
300	462805.6	3773532	1.13E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	7.38E-06	0.00E+00	0.00E+00	0.00E+00
301	462797	3773528	1.09E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	7.16E-06	0.00E+00	0.00E+00	0.00E+00
302	462788.4	3773525	1.06E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	6.94E-06	0.00E+00	0.00E+00	0.00E+00
303	462779.8	3773521	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	0.00E+00
304	462771.2	3773518	9.94E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	0.00E+00
305	462762.6	3773514	9.64E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	0.00E+00
306	462754	3773511	9.34E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00
307	462745.4	3773507	9.05E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.94E-06	0.00E+00	0.00E+00	0.00E+00
308	462736.8	3773503	8.77E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	5.75E-06	0.00E+00	0.00E+00	0.00E+00
309	462728.2	3773500	8.49E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	0.00E+00
310	462719.6	3773496	8.23E-05	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	0.00E+00
311	462711	3773493	7.98E-05	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	0.00E+00
312	462702.4	3773489	7.73E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	0.00E+00
313	462813.8	3773565	1.02E-04	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	0.00E+00
314	462805.2	3773562	9.90E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	0.00E+00
315	462796.5	3773558	9.61E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	0.00E+00
316	462787.9	3773554	9.34E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00
317	462779.3	3773551	9.07E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	5.95E-06	0.00E+00	0.00E+00	0.00E+00
318	462770.6	3773547	8.80E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	0.00E+00

319	462762	3773544	8.55E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	0.00E+00
320	462753.3	3773540	8.29E-05	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.44E-06	0.00E+00	0.00E+00	0.00E+00
321	462744.7	3773537	8.05E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	0.00E+00
322	462736.1	3773533	7.82E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00
323	462727.4	3773530	7.60E-05	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	0.00E+00
324	462718.8	3773526	7.38E-05	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	0.00E+00
325	462710.2	3773522	7.18E-05	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	4.71E-06	0.00E+00	0.00E+00	0.00E+00
326	462701.5	3773519	6.98E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	0.00E+00
327	462692.9	3773515	6.78E-05	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00
328	462684.2	3773512	6.60E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00
329	462675.6	3773508	6.42E-05	0.00E+00	0.00E+00	0.00E+00	9.83E-06	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	0.00E+00
330	462667	3773505	6.26E-05	0.00E+00	0.00E+00	0.00E+00	9.58E-06	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	0.00E+00
331	462661.9	3773496	6.28E-05	0.00E+00	0.00E+00	0.00E+00	9.62E-06	0.00E+00	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	0.00E+00
332	462762.3	3773574	7.68E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	5.04E-06	0.00E+00	0.00E+00	0.00E+00
333	462753.6	3773570	7.48E-05	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	0.00E+00
334	462745	3773567	7.28E-05	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00
335	462736.4	3773563	7.08E-05	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	0.00E+00
336	462727.8	3773560	6.89E-05	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00
337	462719.1	3773556	6.70E-05	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00
338	462710.5	3773553	6.52E-05	0.00E+00	0.00E+00	0.00E+00	9.98E-06	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	0.00E+00
339	462701.9	3773549	6.34E-05	0.00E+00	0.00E+00	0.00E+00	9.71E-06	0.00E+00	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	0.00E+00
340	462693.3	3773546	6.17E-05	0.00E+00	0.00E+00	0.00E+00	9.45E-06	0.00E+00	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	0.00E+00
341	462684.6	3773542	6.01E-05	0.00E+00	0.00E+00	0.00E+00	9.20E-06	0.00E+00	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	0.00E+00
342	462676	3773538	5.85E-05	0.00E+00	0.00E+00	0.00E+00	8.96E-06	0.00E+00	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	0.00E+00
343	462667.4	3773535	5.70E-05	0.00E+00	0.00E+00	0.00E+00	8.73E-06	0.00E+00	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00
344	462658.8	3773531	5.56E-05	0.00E+00	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	0.00E+00
345	462650.2	3773528	5.42E-05	0.00E+00	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	0.00E+00
346	462642.6	3773521	5.37E-05	0.00E+00	0.00E+00	0.00E+00	8.21E-06	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00
347	462639	3773513	5.42E-05	0.00E+00	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	0.00E+00
348	462635.3	3773504	5.48E-05	0.00E+00	0.00E+00	0.00E+00	8.39E-06	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	0.00E+00
349	462631.7	3773495	5.53E-05	0.00E+00	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00
350	462683.9	3773572	5.50E-05	0.00E+00	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00
351	462675.2	3773568	5.37E-05	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	0.00E+00
352	462666.6	3773565	5.24E-05	0.00E+00	0.00E+00	0.00E+00	8.02E-06	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00
353	462657.9	3773561	5.11E-05	0.00E+00	0.00E+00	0.00E+00	7.82E-06	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	0.00E+00
354	462649.2	3773557	4.99E-05	0.00E+00	0.00E+00	0.00E+00	7.63E-06	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00
355	462640.6	3773554	4.87E-05	0.00E+00	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00
356	462631.9	3773550	4.75E-05	0.00E+00	0.00E+00	0.00E+00	7.27E-06	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	0.00E+00
357	462200.3	3773543	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00
358	462196.6	3773535	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
359	462193	3773526	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
360	462189.4	3773518	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
361	462185.7	3773509	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
362	462182.1	3773500	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
363	462178.4	3773492	1.55E-05	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
364	462202.6	3773644	1.39E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	0.00E+00	9.14E-07	0.00E+00	0.00E+00	0.00E+00

365	462198.9	3773635	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00	9.17E-07	0.00E+00	0.00E+00	0.00E+00
366	462195.3	3773627	1.40E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00	9.20E-07	0.00E+00	0.00E+00	0.00E+00
367	462191.7	3773618	1.41E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00	9.22E-07	0.00E+00	0.00E+00	0.00E+00
368	462188	3773609	1.41E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00	9.26E-07	0.00E+00	0.00E+00	0.00E+00
369	462184.4	3773601	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00	9.29E-07	0.00E+00	0.00E+00	0.00E+00
370	462180.7	3773592	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00	9.32E-07	0.00E+00	0.00E+00	0.00E+00
371	462177.1	3773584	1.42E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.34E-07	0.00E+00	0.00E+00	0.00E+00
372	462173.5	3773575	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	9.35E-07	0.00E+00	0.00E+00	0.00E+00
373	462169.8	3773566	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00	9.37E-07	0.00E+00	0.00E+00	0.00E+00
374	462166.2	3773558	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00	9.39E-07	0.00E+00	0.00E+00	0.00E+00
375	462162.6	3773549	1.43E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.42E-07	0.00E+00	0.00E+00	0.00E+00
376	462158.9	3773541	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.43E-07	0.00E+00	0.00E+00	0.00E+00
377	462155.3	3773532	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.45E-07	0.00E+00	0.00E+00	0.00E+00
378	462151.7	3773523	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.45E-07	0.00E+00	0.00E+00	0.00E+00
379	462148	3773515	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.45E-07	0.00E+00	0.00E+00	0.00E+00
380	462144.4	3773506	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.45E-07	0.00E+00	0.00E+00	0.00E+00
381	462140.8	3773498	1.44E-05	0.00E+00	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	0.00E+00	9.45E-07	0.00E+00	0.00E+00	0.00E+00
382	462171.3	3773665	1.30E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00	8.51E-07	0.00E+00	0.00E+00	0.00E+00
383	462167.6	3773656	1.30E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00	8.54E-07	0.00E+00	0.00E+00	0.00E+00
384	462164	3773648	1.30E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	8.56E-07	0.00E+00	0.00E+00	0.00E+00
385	462160.3	3773639	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	8.59E-07	0.00E+00	0.00E+00	0.00E+00
386	462156.7	3773630	1.31E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00	8.60E-07	0.00E+00	0.00E+00	0.00E+00
387	462153.1	3773622	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00	8.63E-07	0.00E+00	0.00E+00	0.00E+00
388	462149.4	3773613	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	8.66E-07	0.00E+00	0.00E+00	0.00E+00
389	462145.8	3773604	1.32E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.68E-07	0.00E+00	0.00E+00	0.00E+00
390	462142.1	3773596	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	8.71E-07	0.00E+00	0.00E+00	0.00E+00
391	462138.5	3773587	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.73E-07	0.00E+00	0.00E+00	0.00E+00
392	462134.9	3773579	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.74E-07	0.00E+00	0.00E+00	0.00E+00
393	462131.2	3773570	1.33E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.75E-07	0.00E+00	0.00E+00	0.00E+00
394	462127.6	3773561	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	8.76E-07	0.00E+00	0.00E+00	0.00E+00
395	462123.9	3773553	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	8.78E-07	0.00E+00	0.00E+00	0.00E+00
396	462120.3	3773544	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	8.80E-07	0.00E+00	0.00E+00	0.00E+00
397	462116.7	3773536	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	8.81E-07	0.00E+00	0.00E+00	0.00E+00
398	462113	3773527	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	8.81E-07	0.00E+00	0.00E+00	0.00E+00
399	462109.4	3773518	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	8.81E-07	0.00E+00	0.00E+00	0.00E+00
400	462105.7	3773510	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	8.81E-07	0.00E+00	0.00E+00	0.00E+00
401	462102.1	3773501	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	8.80E-07	0.00E+00	0.00E+00	0.00E+00
402	462098.5	3773492	1.34E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	8.80E-07	0.00E+00	0.00E+00	0.00E+00
403	462129.9	3773662	1.22E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	8.02E-07	0.00E+00	0.00E+00	0.00E+00
404	462126.2	3773653	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	0.00E+00
405	462122.6	3773645	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	8.06E-07	0.00E+00	0.00E+00	0.00E+00
406	462119	3773636	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.08E-07	0.00E+00	0.00E+00	0.00E+00
407	462115.3	3773627	1.23E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.10E-07	0.00E+00	0.00E+00	0.00E+00
408	462111.7	3773619	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	8.12E-07	0.00E+00	0.00E+00	0.00E+00
409	462108	3773610	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00	8.14E-07	0.00E+00	0.00E+00	0.00E+00
410	462104.4	3773602	1.24E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00	8.16E-07	0.00E+00	0.00E+00	0.00E+00

411	462100.8	3773593	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00	8.18E-07	0.00E+00	0.00E+00	0.00E+00
412	462097.1	3773584	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00	8.19E-07	0.00E+00	0.00E+00	0.00E+00
413	462093.5	3773576	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00	8.20E-07	0.00E+00	0.00E+00	0.00E+00
414	462089.9	3773567	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00	8.21E-07	0.00E+00	0.00E+00	0.00E+00
415	462086.2	3773559	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.22E-07	0.00E+00	0.00E+00	0.00E+00
416	462082.6	3773550	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.23E-07	0.00E+00	0.00E+00	0.00E+00
417	462079	3773541	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.24E-07	0.00E+00	0.00E+00	0.00E+00
418	462075.3	3773533	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.24E-07	0.00E+00	0.00E+00	0.00E+00
419	462071.7	3773524	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.24E-07	0.00E+00	0.00E+00	0.00E+00
420	462068	3773516	1.26E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.24E-07	0.00E+00	0.00E+00	0.00E+00
421	462064.4	3773507	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.23E-07	0.00E+00	0.00E+00	0.00E+00
422	462060.8	3773498	1.25E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	8.22E-07	0.00E+00	0.00E+00	0.00E+00
423	462091.3	3773666	1.15E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	7.56E-07	0.00E+00	0.00E+00	0.00E+00
424	462087.6	3773657	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00	7.59E-07	0.00E+00	0.00E+00	0.00E+00
425	462084	3773648	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00	7.60E-07	0.00E+00	0.00E+00	0.00E+00
426	462080.4	3773640	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.62E-07	0.00E+00	0.00E+00	0.00E+00
427	462076.7	3773631	1.16E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.63E-07	0.00E+00	0.00E+00	0.00E+00
428	462073.1	3773622	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	7.65E-07	0.00E+00	0.00E+00	0.00E+00
429	462069.4	3773614	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00	7.67E-07	0.00E+00	0.00E+00	0.00E+00
430	462065.8	3773605	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00	7.68E-07	0.00E+00	0.00E+00	0.00E+00
431	462062.1	3773597	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.70E-07	0.00E+00	0.00E+00	0.00E+00
432	462058.5	3773588	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.71E-07	0.00E+00	0.00E+00	0.00E+00
433	462054.9	3773579	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.71E-07	0.00E+00	0.00E+00	0.00E+00
434	462051.2	3773571	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.71E-07	0.00E+00	0.00E+00	0.00E+00
435	462047.6	3773562	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.72E-07	0.00E+00	0.00E+00	0.00E+00
436	462043.9	3773554	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.72E-07	0.00E+00	0.00E+00	0.00E+00
437	462040.3	3773545	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.72E-07	0.00E+00	0.00E+00	0.00E+00
438	462036.7	3773536	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.72E-07	0.00E+00	0.00E+00	0.00E+00
439	462033	3773528	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.72E-07	0.00E+00	0.00E+00	0.00E+00
440	462029.4	3773519	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.72E-07	0.00E+00	0.00E+00	0.00E+00
441	462025.7	3773510	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.72E-07	0.00E+00	0.00E+00	0.00E+00
442	462022.1	3773502	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.71E-07	0.00E+00	0.00E+00	0.00E+00
443	462018.5	3773493	1.17E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	7.70E-07	0.00E+00	0.00E+00	0.00E+00

	Max Yr	**1**	T2	T2L3	T4F
	Row	**18**	3.10E-03	4.74E-04	2.03E-04
		Col	**3**	**4**	**5**
		Adjustment	**100%**	**15%**	**7%**
			Year 1	Year 1	Year 1
1	463443.1	3773285	2.80E-03	4.29E-04	1.84E-04
2	463439.9	3773294	2.90E-03	4.44E-04	1.90E-04
3	463436.7	3773303	2.99E-03	4.58E-04	1.96E-04
4	463473	3773286	2.42E-03	3.71E-04	1.59E-04
5	463469.8	3773294	2.51E-03	3.84E-04	1.65E-04
6	463466.5	3773303	2.59E-03	3.96E-04	1.70E-04
7	463463.3	3773312	2.67E-03	4.08E-04	1.75E-04
8	463460.1	3773321	2.74E-03	4.20E-04	1.80E-04
9	463456.8	3773329	2.81E-03	4.30E-04	1.84E-04
10	463453.6	3773338	2.87E-03	4.40E-04	1.89E-04
11	463450.4	3773347	2.93E-03	4.49E-04	1.92E-04
12	463447.1	3773355	2.98E-03	4.56E-04	1.96E-04
13	463443.9	3773364	3.03E-03	4.63E-04	1.99E-04
14	463440.6	3773373	3.07E-03	4.69E-04	2.01E-04
15	463437.4	3773382	3.10E-03	4.74E-04	2.03E-04
16	463502.9	3773286	2.11E-03	3.23E-04	1.39E-04
17	463499.6	3773295	2.19E-03	3.35E-04	1.44E-04
18	463496.4	3773303	2.26E-03	3.46E-04	1.48E-04
19	463493.1	3773312	2.33E-03	3.56E-04	1.53E-04
20	463489.9	3773321	2.39E-03	3.66E-04	1.57E-04
21	463486.6	3773330	2.45E-03	3.76E-04	1.61E-04
22	463483.4	3773339	2.51E-03	3.85E-04	1.65E-04
23	463480.1	3773347	2.57E-03	3.93E-04	1.68E-04
24	463476.8	3773356	2.62E-03	4.01E-04	1.72E-04
25	463473.6	3773365	2.66E-03	4.07E-04	1.75E-04
26	463470.3	3773374	2.70E-03	4.13E-04	1.77E-04
27	463467.1	3773383	2.73E-03	4.18E-04	1.79E-04
28	463463.8	3773391	2.76E-03	4.22E-04	1.81E-04
29	463460.6	3773400	2.78E-03	4.25E-04	1.82E-04
30	463457.3	3773409	2.80E-03	4.28E-04	1.83E-04
31	463454	3773418	2.80E-03	4.29E-04	1.84E-04
32	463450.8	3773426	2.80E-03	4.29E-04	1.84E-04
33	463447.5	3773435	2.80E-03	4.28E-04	1.84E-04
34	463444.3	3773444	2.78E-03	4.26E-04	1.83E-04
35	463441	3773453	2.77E-03	4.24E-04	1.82E-04
36	463533.2	3773285	1.85E-03	2.83E-04	1.21E-04
37	463530	3773294	1.91E-03	2.92E-04	1.25E-04
38	463526.8	3773302	1.97E-03	3.02E-04	1.29E-04
39	463523.6	3773311	2.03E-03	3.11E-04	1.33E-04
40	463520.4	3773319	2.09E-03	3.19E-04	1.37E-04
41	463517.2	3773328	2.14E-03	3.28E-04	1.41E-04
42	463514	3773337	2.19E-03	3.36E-04	1.44E-04
43	463510.8	3773345	2.24E-03	3.44E-04	1.47E-04
44	463507.6	3773354	2.29E-03	3.51E-04	1.50E-04
45	463504.4	3773363	2.33E-03	3.57E-04	1.53E-04
46	463501.2	3773371	2.37E-03	3.63E-04	1.56E-04

47	463498	3773380	2.40E-03	3.68E-04	1.58E-04
48	463494.8	3773388	2.43E-03	3.72E-04	1.60E-04
49	463491.7	3773397	2.46E-03	3.76E-04	1.61E-04
50	463488.5	3773406	2.48E-03	3.80E-04	1.63E-04
51	463485.3	3773414	2.50E-03	3.82E-04	1.64E-04
52	463482.1	3773423	2.51E-03	3.84E-04	1.64E-04
53	463478.9	3773432	2.51E-03	3.84E-04	1.65E-04
54	463475.7	3773440	2.51E-03	3.84E-04	1.65E-04
55	463472.5	3773449	2.50E-03	3.83E-04	1.64E-04
56	463563.1	3773285	1.63E-03	2.50E-04	1.07E-04
57	463559.9	3773294	1.69E-03	2.58E-04	1.11E-04
58	463556.7	3773303	1.74E-03	2.66E-04	1.14E-04
59	463553.4	3773311	1.79E-03	2.74E-04	1.18E-04
60	463550.2	3773320	1.84E-03	2.82E-04	1.21E-04
61	463547	3773329	1.89E-03	2.90E-04	1.24E-04
62	463543.8	3773337	1.94E-03	2.97E-04	1.27E-04
63	463540.6	3773346	1.99E-03	3.04E-04	1.30E-04
64	463537.4	3773355	2.03E-03	3.11E-04	1.33E-04
65	463534.1	3773363	2.07E-03	3.17E-04	1.36E-04
66	463530.9	3773372	2.11E-03	3.22E-04	1.38E-04
67	463527.7	3773381	2.14E-03	3.27E-04	1.40E-04
68	463524.5	3773389	2.17E-03	3.32E-04	1.42E-04
69	463521.3	3773398	2.19E-03	3.36E-04	1.44E-04
70	463518.1	3773407	2.21E-03	3.39E-04	1.45E-04
71	463514.8	3773415	2.23E-03	3.42E-04	1.47E-04
72	463511.6	3773424	2.25E-03	3.44E-04	1.48E-04
73	463508.4	3773433	2.26E-03	3.46E-04	1.48E-04
74	463505.2	3773441	2.26E-03	3.47E-04	1.49E-04
75	463502	3773450	2.27E-03	3.47E-04	1.49E-04
76	463593	3773285	1.45E-03	2.22E-04	9.51E-05
77	463589.8	3773294	1.50E-03	2.29E-04	9.82E-05
78	463586.5	3773303	1.54E-03	2.36E-04	1.01E-04
79	463583.3	3773312	1.59E-03	2.44E-04	1.04E-04
80	463580.1	3773320	1.64E-03	2.51E-04	1.08E-04
81	463576.8	3773329	1.68E-03	2.58E-04	1.10E-04
82	463573.6	3773338	1.73E-03	2.64E-04	1.13E-04
83	463570.4	3773346	1.77E-03	2.70E-04	1.16E-04
84	463567.1	3773355	1.80E-03	2.76E-04	1.18E-04
85	463563.9	3773364	1.84E-03	2.82E-04	1.21E-04
86	463560.6	3773373	1.88E-03	2.87E-04	1.23E-04
87	463557.4	3773381	1.91E-03	2.92E-04	1.25E-04
88	463554.2	3773390	1.94E-03	2.97E-04	1.27E-04
89	463550.9	3773399	1.96E-03	3.01E-04	1.29E-04
90	463547.7	3773408	1.99E-03	3.04E-04	1.30E-04
91	463544.5	3773416	2.00E-03	3.07E-04	1.31E-04
92	463541.2	3773425	2.02E-03	3.09E-04	1.33E-04
93	463538	3773434	2.03E-03	3.11E-04	1.33E-04
94	463534.8	3773443	2.04E-03	3.13E-04	1.34E-04
95	463531.5	3773451	2.05E-03	3.14E-04	1.35E-04
96	463633	3773285	1.25E-03	1.91E-04	8.18E-05
97	463629.8	3773294	1.29E-03	1.97E-04	8.44E-05
98	463626.5	3773303	1.33E-03	2.03E-04	8.71E-05

99	463623.3	3773311	1.37E-03	2.09E-04	8.97E-05
100	463620.1	3773320	1.41E-03	2.15E-04	9.23E-05
101	463616.8	3773329	1.45E-03	2.21E-04	9.49E-05
102	463613.6	3773338	1.48E-03	2.27E-04	9.73E-05
103	463610.4	3773346	1.52E-03	2.32E-04	9.96E-05
104	463607.1	3773355	1.55E-03	2.38E-04	1.02E-04
105	463603.9	3773364	1.59E-03	2.43E-04	1.04E-04
106	463600.6	3773373	1.62E-03	2.48E-04	1.06E-04
107	463597.4	3773381	1.65E-03	2.52E-04	1.08E-04
108	463594.2	3773390	1.67E-03	2.56E-04	1.10E-04
109	463590.9	3773399	1.70E-03	2.60E-04	1.12E-04
110	463587.7	3773408	1.72E-03	2.64E-04	1.13E-04
111	463584.5	3773416	1.74E-03	2.66E-04	1.14E-04
112	463581.2	3773425	1.76E-03	2.69E-04	1.15E-04
113	463578	3773434	1.77E-03	2.72E-04	1.16E-04
114	463574.8	3773442	1.79E-03	2.74E-04	1.17E-04
115	463673	3773285	1.08E-03	1.66E-04	7.10E-05
116	463669.8	3773294	1.12E-03	1.71E-04	7.33E-05
117	463666.5	3773303	1.15E-03	1.76E-04	7.55E-05
118	463663.3	3773311	1.19E-03	1.81E-04	7.78E-05
119	463660.1	3773320	1.22E-03	1.87E-04	8.00E-05
120	463656.8	3773329	1.25E-03	1.92E-04	8.22E-05
121	463653.6	3773338	1.28E-03	1.97E-04	8.43E-05
122	463650.4	3773346	1.32E-03	2.01E-04	8.63E-05
123	463647.1	3773355	1.35E-03	2.06E-04	8.83E-05
124	463643.9	3773364	1.38E-03	2.11E-04	9.03E-05
125	463640.6	3773373	1.40E-03	2.15E-04	9.21E-05
126	463637.4	3773381	1.43E-03	2.19E-04	9.39E-05
127	463634.2	3773390	1.46E-03	2.23E-04	9.56E-05
128	463630.9	3773399	1.48E-03	2.27E-04	9.71E-05
129	463627.7	3773407	1.50E-03	2.30E-04	9.85E-05
130	463624.5	3773416	1.52E-03	2.33E-04	9.97E-05
131	463621.2	3773425	1.54E-03	2.35E-04	1.01E-04
132	463618	3773434	1.55E-03	2.38E-04	1.02E-04
133	463614.8	3773442	1.57E-03	2.40E-04	1.03E-04
134	463713	3773285	9.46E-04	1.45E-04	6.21E-05
135	463709.8	3773294	9.76E-04	1.49E-04	6.40E-05
136	463706.5	3773303	1.01E-03	1.54E-04	6.60E-05
137	463703.3	3773311	1.03E-03	1.58E-04	6.79E-05
138	463700.1	3773320	1.06E-03	1.63E-04	6.98E-05
139	463696.8	3773329	1.09E-03	1.67E-04	7.17E-05
140	463693.6	3773337	1.12E-03	1.72E-04	7.35E-05
141	463690.4	3773346	1.15E-03	1.76E-04	7.53E-05
142	463687.1	3773355	1.17E-03	1.80E-04	7.71E-05
143	463683.9	3773364	1.20E-03	1.84E-04	7.88E-05
144	463680.6	3773372	1.23E-03	1.88E-04	8.05E-05
145	463677.4	3773381	1.25E-03	1.91E-04	8.21E-05
146	463674.2	3773390	1.27E-03	1.95E-04	8.36E-05
147	463670.9	3773399	1.30E-03	1.98E-04	8.51E-05
148	463667.7	3773407	1.32E-03	2.01E-04	8.64E-05
149	463664.5	3773416	1.33E-03	2.04E-04	8.75E-05
150	463661.2	3773425	1.35E-03	2.07E-04	8.87E-05

151	463658	3773434	1.37E-03	2.09E-04	8.98E-05
152	463654.8	3773442	1.38E-03	2.12E-04	9.07E-05
153	463753	3773285	8.34E-04	1.28E-04	5.47E-05
154	463749.8	3773294	8.59E-04	1.32E-04	5.64E-05
155	463746.5	3773302	8.85E-04	1.35E-04	5.81E-05
156	463743.3	3773311	9.10E-04	1.39E-04	5.97E-05
157	463740.1	3773320	9.35E-04	1.43E-04	6.14E-05
158	463736.8	3773329	9.60E-04	1.47E-04	6.30E-05
159	463733.6	3773337	9.85E-04	1.51E-04	6.46E-05
160	463730.4	3773346	1.01E-03	1.55E-04	6.63E-05
161	463727.1	3773355	1.03E-03	1.58E-04	6.78E-05
162	463723.9	3773364	1.06E-03	1.62E-04	6.93E-05
163	463720.6	3773372	1.08E-03	1.65E-04	7.08E-05
164	463717.4	3773381	1.10E-03	1.68E-04	7.22E-05
165	463714.2	3773390	1.12E-03	1.72E-04	7.36E-05
166	463710.9	3773399	1.14E-03	1.75E-04	7.49E-05
167	463707.7	3773407	1.16E-03	1.78E-04	7.61E-05
168	463704.5	3773416	1.18E-03	1.80E-04	7.72E-05
169	463701.2	3773425	1.19E-03	1.83E-04	7.83E-05
170	463698	3773433	1.21E-03	1.85E-04	7.94E-05
171	463694.8	3773442	1.22E-03	1.87E-04	8.04E-05
172	463691.5	3773451	1.24E-03	1.89E-04	8.12E-05
173	463793	3773285	7.39E-04	1.13E-04	4.85E-05
174	463789.8	3773294	7.61E-04	1.17E-04	5.00E-05
175	463786.5	3773302	7.84E-04	1.20E-04	5.14E-05
176	463783.3	3773311	8.06E-04	1.23E-04	5.29E-05
177	463780.1	3773320	8.28E-04	1.27E-04	5.43E-05
178	463776.8	3773329	8.50E-04	1.30E-04	5.58E-05
179	463773.6	3773337	8.72E-04	1.33E-04	5.72E-05
180	463770.4	3773346	8.93E-04	1.37E-04	5.86E-05
181	463767.1	3773355	9.14E-04	1.40E-04	6.00E-05
182	463763.9	3773364	9.35E-04	1.43E-04	6.13E-05
183	463760.6	3773372	9.55E-04	1.46E-04	6.26E-05
184	463757.4	3773381	9.74E-04	1.49E-04	6.39E-05
185	463754.2	3773390	9.93E-04	1.52E-04	6.52E-05
186	463750.9	3773398	1.01E-03	1.55E-04	6.64E-05
187	463747.7	3773407	1.03E-03	1.58E-04	6.75E-05
188	463744.5	3773416	1.05E-03	1.60E-04	6.86E-05
189	463741.2	3773425	1.06E-03	1.63E-04	6.97E-05
190	463738	3773433	1.08E-03	1.65E-04	7.07E-05
191	463734.8	3773442	1.09E-03	1.67E-04	7.16E-05
192	463731.5	3773451	1.10E-03	1.69E-04	7.24E-05
193	463833	3773285	6.60E-04	1.01E-04	4.33E-05
194	463829.8	3773294	6.79E-04	1.04E-04	4.45E-05
195	463826.5	3773302	6.98E-04	1.07E-04	4.58E-05
196	463823.3	3773311	7.18E-04	1.10E-04	4.71E-05
197	463820.1	3773320	7.37E-04	1.13E-04	4.84E-05
198	463816.8	3773329	7.56E-04	1.16E-04	4.96E-05
199	463813.6	3773337	7.75E-04	1.19E-04	5.09E-05
200	463810.4	3773346	7.94E-04	1.22E-04	5.21E-05
201	463807.1	3773355	8.13E-04	1.24E-04	5.33E-05
202	463803.9	3773363	8.31E-04	1.27E-04	5.45E-05

203	463800.6	3773372	8.49E-04	1.30E-04	5.57E-05
204	463797.4	3773381	8.67E-04	1.33E-04	5.69E-05
205	463794.2	3773390	8.84E-04	1.35E-04	5.80E-05
206	463790.9	3773398	9.01E-04	1.38E-04	5.91E-05
207	463787.7	3773407	9.17E-04	1.40E-04	6.02E-05
208	463784.5	3773416	9.32E-04	1.43E-04	6.12E-05
209	463781.2	3773425	9.47E-04	1.45E-04	6.21E-05
210	463778	3773433	9.61E-04	1.47E-04	6.31E-05
211	463774.8	3773442	9.74E-04	1.49E-04	6.39E-05
212	463771.5	3773451	9.87E-04	1.51E-04	6.48E-05
213	463873	3773285	5.92E-04	9.06E-05	3.89E-05
214	463869.8	3773294	6.09E-04	9.32E-05	4.00E-05
215	463866.5	3773302	6.26E-04	9.58E-05	4.11E-05
216	463863.3	3773311	6.43E-04	9.84E-05	4.22E-05
217	463860.1	3773320	6.60E-04	1.01E-04	4.33E-05
218	463856.8	3773328	6.77E-04	1.04E-04	4.44E-05
219	463853.6	3773337	6.94E-04	1.06E-04	4.55E-05
220	463850.4	3773346	7.10E-04	1.09E-04	4.66E-05
221	463847.1	3773355	7.27E-04	1.11E-04	4.77E-05
222	463843.9	3773363	7.43E-04	1.14E-04	4.88E-05
223	463840.6	3773372	7.59E-04	1.16E-04	4.98E-05
224	463837.4	3773381	7.75E-04	1.19E-04	5.09E-05
225	463834.2	3773390	7.91E-04	1.21E-04	5.19E-05
226	463830.9	3773398	8.06E-04	1.23E-04	5.29E-05
227	463827.7	3773407	8.21E-04	1.26E-04	5.39E-05
228	463824.5	3773416	8.35E-04	1.28E-04	5.48E-05
229	463821.2	3773425	8.49E-04	1.30E-04	5.57E-05
230	463818	3773433	8.62E-04	1.32E-04	5.65E-05
231	463814.8	3773442	8.74E-04	1.34E-04	5.74E-05
232	463811.5	3773451	8.86E-04	1.36E-04	5.81E-05
233	463913	3773285	5.34E-04	8.17E-05	3.50E-05
234	463909.8	3773293	5.49E-04	8.40E-05	3.60E-05
235	463906.5	3773302	5.64E-04	8.63E-05	3.70E-05
236	463903.3	3773311	5.79E-04	8.86E-05	3.80E-05
237	463900.1	3773320	5.94E-04	9.09E-05	3.90E-05
238	463896.8	3773328	6.09E-04	9.32E-05	3.99E-05
239	463893.6	3773337	6.24E-04	9.55E-05	4.09E-05
240	463890.4	3773346	6.39E-04	9.78E-05	4.19E-05
241	463887.1	3773355	6.54E-04	1.00E-04	4.29E-05
242	463883.9	3773363	6.68E-04	1.02E-04	4.38E-05
243	463880.6	3773372	6.83E-04	1.04E-04	4.48E-05
244	463877.4	3773381	6.97E-04	1.07E-04	4.57E-05
245	463874.2	3773390	7.11E-04	1.09E-04	4.66E-05
246	463870.9	3773398	7.24E-04	1.11E-04	4.75E-05
247	463867.7	3773407	7.38E-04	1.13E-04	4.84E-05
248	463864.5	3773416	7.51E-04	1.15E-04	4.93E-05
249	463861.2	3773424	7.63E-04	1.17E-04	5.01E-05
250	463858	3773433	7.75E-04	1.19E-04	5.09E-05
251	463854.8	3773442	7.87E-04	1.20E-04	5.17E-05
252	463851.5	3773451	7.98E-04	1.22E-04	5.24E-05
253	463953	3773285	4.84E-04	7.41E-05	3.18E-05
254	463949.8	3773293	4.97E-04	7.61E-05	3.26E-05

255	463946.5	3773302	5.10E-04	7.81E-05	3.35E-05
256	463943.3	3773311	5.24E-04	8.02E-05	3.44E-05
257	463940.1	3773320	5.37E-04	8.22E-05	3.52E-05
258	463936.8	3773328	5.50E-04	8.42E-05	3.61E-05
259	463933.6	3773337	5.63E-04	8.63E-05	3.70E-05
260	463930.4	3773346	5.77E-04	8.83E-05	3.78E-05
261	463927.1	3773354	5.90E-04	9.03E-05	3.87E-05
262	463923.9	3773363	6.03E-04	9.23E-05	3.96E-05
263	463920.6	3773372	6.16E-04	9.43E-05	4.04E-05
264	463917.4	3773381	6.29E-04	9.63E-05	4.13E-05
265	463914.2	3773389	6.42E-04	9.82E-05	4.21E-05
266	463910.9	3773398	6.54E-04	1.00E-04	4.29E-05
267	463907.7	3773407	6.66E-04	1.02E-04	4.37E-05
268	463904.5	3773416	6.78E-04	1.04E-04	4.45E-05
269	463901.2	3773424	6.89E-04	1.06E-04	4.52E-05
270	463898	3773433	7.01E-04	1.07E-04	4.60E-05
271	463894.8	3773442	7.12E-04	1.09E-04	4.67E-05
272	463891.5	3773451	7.22E-04	1.11E-04	4.74E-05
273	463993	3773285	4.41E-04	6.74E-05	2.89E-05
274	463989.8	3773293	4.52E-04	6.92E-05	2.97E-05
275	463986.5	3773302	4.64E-04	7.10E-05	3.04E-05
276	463983.3	3773311	4.76E-04	7.28E-05	3.12E-05
277	463980.1	3773319	4.88E-04	7.47E-05	3.20E-05
278	463976.8	3773328	5.00E-04	7.65E-05	3.28E-05
279	463973.6	3773337	5.11E-04	7.83E-05	3.36E-05
280	463970.4	3773346	5.23E-04	8.01E-05	3.43E-05
281	463967.1	3773354	5.35E-04	8.19E-05	3.51E-05
282	463963.9	3773363	5.47E-04	8.37E-05	3.59E-05
283	463960.6	3773372	5.58E-04	8.55E-05	3.66E-05
284	463957.4	3773381	5.70E-04	8.73E-05	3.74E-05
285	463954.2	3773389	5.81E-04	8.90E-05	3.82E-05
286	463950.9	3773398	5.93E-04	9.07E-05	3.89E-05
287	463947.7	3773407	6.04E-04	9.24E-05	3.96E-05
288	463944.5	3773416	6.14E-04	9.40E-05	4.03E-05
289	463941.2	3773424	6.25E-04	9.57E-05	4.10E-05
290	463938	3773433	6.35E-04	9.73E-05	4.17E-05
291	463934.8	3773442	6.46E-04	9.88E-05	4.24E-05
292	463931.5	3773450	6.55E-04	1.00E-04	4.30E-05
293	462814.1	3773505	6.70E-04	1.03E-04	4.40E-05
294	462805.4	3773502	6.48E-04	9.92E-05	4.25E-05
295	462796.8	3773498	6.26E-04	9.59E-05	4.11E-05
296	462788.2	3773495	6.05E-04	9.26E-05	3.97E-05
297	462779.6	3773491	5.84E-04	8.94E-05	3.83E-05
298	462771	3773488	5.63E-04	8.62E-05	3.69E-05
299	462814.2	3773535	5.80E-04	8.88E-05	3.81E-05
300	462805.6	3773532	5.63E-04	8.61E-05	3.69E-05
301	462797	3773528	5.46E-04	8.35E-05	3.58E-05
302	462788.4	3773525	5.29E-04	8.10E-05	3.47E-05
303	462779.8	3773521	5.13E-04	7.85E-05	3.37E-05
304	462771.2	3773518	4.97E-04	7.61E-05	3.26E-05
305	462762.6	3773514	4.82E-04	7.37E-05	3.16E-05
306	462754	3773511	4.67E-04	7.15E-05	3.06E-05

307	462745.4	3773507	4.53E-04	6.93E-05	2.97E-05
308	462736.8	3773503	4.38E-04	6.71E-05	2.88E-05
309	462728.2	3773500	4.25E-04	6.50E-05	2.79E-05
310	462719.6	3773496	4.11E-04	6.30E-05	2.70E-05
311	462711	3773493	3.99E-04	6.10E-05	2.62E-05
312	462702.4	3773489	3.87E-04	5.92E-05	2.54E-05
313	462813.8	3773565	5.09E-04	7.79E-05	3.34E-05
314	462805.2	3773562	4.95E-04	7.57E-05	3.25E-05
315	462796.5	3773558	4.81E-04	7.36E-05	3.15E-05
316	462787.9	3773554	4.67E-04	7.15E-05	3.06E-05
317	462779.3	3773551	4.53E-04	6.94E-05	2.98E-05
318	462770.6	3773547	4.40E-04	6.74E-05	2.89E-05
319	462762	3773544	4.27E-04	6.54E-05	2.80E-05
320	462753.3	3773540	4.15E-04	6.35E-05	2.72E-05
321	462744.7	3773537	4.02E-04	6.16E-05	2.64E-05
322	462736.1	3773533	3.91E-04	5.99E-05	2.57E-05
323	462727.4	3773530	3.80E-04	5.81E-05	2.49E-05
324	462718.8	3773526	3.69E-04	5.65E-05	2.42E-05
325	462710.2	3773522	3.59E-04	5.49E-05	2.35E-05
326	462701.5	3773519	3.49E-04	5.34E-05	2.29E-05
327	462692.9	3773515	3.39E-04	5.19E-05	2.23E-05
328	462684.2	3773512	3.30E-04	5.05E-05	2.17E-05
329	462675.6	3773508	3.21E-04	4.92E-05	2.11E-05
330	462667	3773505	3.13E-04	4.79E-05	2.05E-05
331	462661.9	3773496	3.14E-04	4.81E-05	2.06E-05
332	462762.3	3773574	3.84E-04	5.88E-05	2.52E-05
333	462753.6	3773570	3.74E-04	5.72E-05	2.45E-05
334	462745	3773567	3.64E-04	5.57E-05	2.39E-05
335	462736.4	3773563	3.54E-04	5.42E-05	2.32E-05
336	462727.8	3773560	3.45E-04	5.27E-05	2.26E-05
337	462719.1	3773556	3.35E-04	5.13E-05	2.20E-05
338	462710.5	3773553	3.26E-04	4.99E-05	2.14E-05
339	462701.9	3773549	3.17E-04	4.86E-05	2.08E-05
340	462693.3	3773546	3.09E-04	4.73E-05	2.03E-05
341	462684.6	3773542	3.00E-04	4.60E-05	1.97E-05
342	462676	3773538	2.93E-04	4.48E-05	1.92E-05
343	462667.4	3773535	2.85E-04	4.36E-05	1.87E-05
344	462658.8	3773531	2.78E-04	4.26E-05	1.82E-05
345	462650.2	3773528	2.71E-04	4.15E-05	1.78E-05
346	462642.6	3773521	2.68E-04	4.11E-05	1.76E-05
347	462639	3773513	2.71E-04	4.15E-05	1.78E-05
348	462635.3	3773504	2.74E-04	4.20E-05	1.80E-05
349	462631.7	3773495	2.77E-04	4.23E-05	1.82E-05
350	462683.9	3773572	2.75E-04	4.21E-05	1.81E-05
351	462675.2	3773568	2.68E-04	4.11E-05	1.76E-05
352	462666.6	3773565	2.62E-04	4.01E-05	1.72E-05
353	462657.9	3773561	2.56E-04	3.91E-05	1.68E-05
354	462649.2	3773557	2.49E-04	3.82E-05	1.64E-05
355	462640.6	3773554	2.43E-04	3.73E-05	1.60E-05
356	462631.9	3773550	2.38E-04	3.64E-05	1.56E-05
357	462200.3	3773543	7.73E-05	1.18E-05	5.07E-06
358	462196.6	3773535	7.74E-05	1.18E-05	5.08E-06

359	462193	3773526	7.75E-05	1.19E-05	5.09E-06
360	462189.4	3773518	7.75E-05	1.19E-05	5.09E-06
361	462185.7	3773509	7.76E-05	1.19E-05	5.09E-06
362	462182.1	3773500	7.76E-05	1.19E-05	5.09E-06
363	462178.4	3773492	7.77E-05	1.19E-05	5.10E-06
364	462202.6	3773644	6.97E-05	1.07E-05	4.57E-06
365	462198.9	3773635	6.99E-05	1.07E-05	4.58E-06
366	462195.3	3773627	7.01E-05	1.07E-05	4.60E-06
367	462191.7	3773618	7.03E-05	1.08E-05	4.61E-06
368	462188	3773609	7.05E-05	1.08E-05	4.63E-06
369	462184.4	3773601	7.08E-05	1.08E-05	4.65E-06
370	462180.7	3773592	7.10E-05	1.09E-05	4.66E-06
371	462177.1	3773584	7.11E-05	1.09E-05	4.67E-06
372	462173.5	3773575	7.13E-05	1.09E-05	4.68E-06
373	462169.8	3773566	7.14E-05	1.09E-05	4.69E-06
374	462166.2	3773558	7.15E-05	1.10E-05	4.70E-06
375	462162.6	3773549	7.17E-05	1.10E-05	4.71E-06
376	462158.9	3773541	7.19E-05	1.10E-05	4.72E-06
377	462155.3	3773532	7.20E-05	1.10E-05	4.72E-06
378	462151.7	3773523	7.20E-05	1.10E-05	4.73E-06
379	462148	3773515	7.20E-05	1.10E-05	4.73E-06
380	462144.4	3773506	7.20E-05	1.10E-05	4.73E-06
381	462140.8	3773498	7.20E-05	1.10E-05	4.73E-06
382	462171.3	3773665	6.49E-05	9.93E-06	4.26E-06
383	462167.6	3773656	6.50E-05	9.96E-06	4.27E-06
384	462164	3773648	6.52E-05	9.99E-06	4.28E-06
385	462160.3	3773639	6.54E-05	1.00E-05	4.29E-06
386	462156.7	3773630	6.56E-05	1.00E-05	4.30E-06
387	462153.1	3773622	6.57E-05	1.01E-05	4.31E-06
388	462149.4	3773613	6.60E-05	1.01E-05	4.33E-06
389	462145.8	3773604	6.62E-05	1.01E-05	4.34E-06
390	462142.1	3773596	6.64E-05	1.02E-05	4.35E-06
391	462138.5	3773587	6.65E-05	1.02E-05	4.36E-06
392	462134.9	3773579	6.66E-05	1.02E-05	4.37E-06
393	462131.2	3773570	6.67E-05	1.02E-05	4.38E-06
394	462127.6	3773561	6.68E-05	1.02E-05	4.38E-06
395	462123.9	3773553	6.69E-05	1.02E-05	4.39E-06
396	462120.3	3773544	6.70E-05	1.03E-05	4.40E-06
397	462116.7	3773536	6.71E-05	1.03E-05	4.40E-06
398	462113	3773527	6.71E-05	1.03E-05	4.40E-06
399	462109.4	3773518	6.71E-05	1.03E-05	4.40E-06
400	462105.7	3773510	6.71E-05	1.03E-05	4.40E-06
401	462102.1	3773501	6.71E-05	1.03E-05	4.40E-06
402	462098.5	3773492	6.71E-05	1.03E-05	4.40E-06
403	462129.9	3773662	6.11E-05	9.36E-06	4.01E-06
404	462126.2	3773653	6.13E-05	9.38E-06	4.02E-06
405	462122.6	3773645	6.14E-05	9.41E-06	4.03E-06
406	462119	3773636	6.16E-05	9.43E-06	4.04E-06
407	462115.3	3773627	6.17E-05	9.45E-06	4.05E-06
408	462111.7	3773619	6.19E-05	9.47E-06	4.06E-06
409	462108	3773610	6.21E-05	9.50E-06	4.07E-06
410	462104.4	3773602	6.22E-05	9.52E-06	4.08E-06

411	462100.8	3773593	6.23E-05	9.54E-06	4.09E-06
412	462097.1	3773584	6.24E-05	9.56E-06	4.10E-06
413	462093.5	3773576	6.25E-05	9.56E-06	4.10E-06
414	462089.9	3773567	6.25E-05	9.57E-06	4.10E-06
415	462086.2	3773559	6.26E-05	9.59E-06	4.11E-06
416	462082.6	3773550	6.27E-05	9.60E-06	4.12E-06
417	462079	3773541	6.28E-05	9.61E-06	4.12E-06
418	462075.3	3773533	6.28E-05	9.61E-06	4.12E-06
419	462071.7	3773524	6.28E-05	9.61E-06	4.12E-06
420	462068	3773516	6.28E-05	9.61E-06	4.12E-06
421	462064.4	3773507	6.27E-05	9.60E-06	4.12E-06
422	462060.8	3773498	6.26E-05	9.59E-06	4.11E-06
423	462091.3	3773666	5.76E-05	8.82E-06	3.78E-06
424	462087.6	3773657	5.78E-05	8.85E-06	3.79E-06
425	462084	3773648	5.79E-05	8.87E-06	3.80E-06
426	462080.4	3773640	5.80E-05	8.88E-06	3.81E-06
427	462076.7	3773631	5.81E-05	8.90E-06	3.81E-06
428	462073.1	3773622	5.83E-05	8.92E-06	3.82E-06
429	462069.4	3773614	5.84E-05	8.94E-06	3.83E-06
430	462065.8	3773605	5.85E-05	8.96E-06	3.84E-06
431	462062.1	3773597	5.86E-05	8.98E-06	3.85E-06
432	462058.5	3773588	5.87E-05	8.99E-06	3.85E-06
433	462054.9	3773579	5.87E-05	8.99E-06	3.85E-06
434	462051.2	3773571	5.88E-05	9.00E-06	3.86E-06
435	462047.6	3773562	5.88E-05	9.01E-06	3.86E-06
436	462043.9	3773554	5.88E-05	9.01E-06	3.86E-06
437	462040.3	3773545	5.88E-05	9.01E-06	3.86E-06
438	462036.7	3773536	5.88E-05	9.01E-06	3.86E-06
439	462033	3773528	5.88E-05	9.01E-06	3.86E-06
440	462029.4	3773519	5.88E-05	9.01E-06	3.86E-06
441	462025.7	3773510	5.88E-05	9.01E-06	3.86E-06
442	462022.1	3773502	5.88E-05	9.00E-06	3.86E-06
443	462018.5	3773493	5.87E-05	8.98E-06	3.85E-06

*HARP - HRACalc v22118 7/31/2024 9:59:57 PM - Cancer Risk - Input File: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Sensitive_30yr_HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RI	MMILK_RIS	WATER_RIS	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		463037.2	3773493	1.29E-07	30YrCance	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		463090.6	3773489	1.39E-07	30YrCance	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		463077.3	3773495	1.34E-07	30YrCance	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		463064.1	3773501	1.28E-07	30YrCance	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		463050.8	3773507	1.22E-07	30YrCance	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		463037.6	3773513	1.17E-07	30YrCance	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		463134.3	3773489	1.45E-07	30YrCance	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		463121.3	3773495	1.40E-07	30YrCance	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		463108.3	3773501	1.34E-07	30YrCance	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		463095.3	3773507	1.29E-07	30YrCance	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		463082.3	3773513	1.24E-07	30YrCance	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		463069.3	3773519	1.19E-07	30YrCance	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		463056.4	3773525	1.15E-07	30YrCance	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		463043.4	3773531	1.10E-07	30YrCance	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		463195.1	3773491	1.54E-07	30YrCance	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		463182	3773497	1.48E-07	30YrCance	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		463168.8	3773503	1.42E-07	30YrCance	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		463155.7	3773509	1.37E-07	30YrCance	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		463142.5	3773515	1.32E-07	30YrCance	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		463129.4	3773521	1.27E-07	30YrCance	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		463116.2	3773527	1.22E-07	30YrCance	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		463103.1	3773533	1.18E-07	30YrCance	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		463089.9	3773539	1.14E-07	30YrCance	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		463076.8	3773545	1.09E-07	30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		463063.6	3773551	1.05E-07	30YrCance	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		463050.5	3773557	1.01E-07	30YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		463037.3	3773563	9.71E-08	30YrCance	9.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		463257.6	3773492	1.72E-07	30YrCance	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		463244.6	3773498	1.64E-07	30YrCance	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		463231.6	3773504	1.57E-07	30YrCance	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		463218.6	3773510	1.50E-07	30YrCance	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		463205.7	3773516	1.44E-07	30YrCance	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		463192.7	3773522	1.38E-07	30YrCance	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		463179.7	3773528	1.33E-07	30YrCance	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		463166.7	3773534	1.28E-07	30YrCance	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		463153.7	3773540	1.23E-07	30YrCance	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		463140.7	3773546	1.18E-07	30YrCance	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		463127.8	3773552	1.14E-07	30YrCance	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		463114.8	3773558	1.10E-07	30YrCance	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		463101.8	3773564	1.06E-07	30YrCance	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		463088.8	3773570	1.02E-07	30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		463075.8	3773576	9.86E-08	30YrCance	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		463062.8	3773582	9.52E-08	30YrCance	9.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		463049.9	3773588	9.19E-08	30YrCance	9.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		463036.9	3773594	8.88E-08	30YrCance	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		463293.2	3773506	1.84E-07	30YrCance	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

47	ALL	463280.1	3773512	1.73E-07	30YrCance	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL	463267	3773518	1.64E-07	30YrCance	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL	463253.8	3773524	1.56E-07	30YrCance	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL	463240.7	3773530	1.48E-07	30YrCance	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	463227.6	3773536	1.42E-07	30YrCance	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	463214.5	3773542	1.36E-07	30YrCance	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	463201.3	3773548	1.30E-07	30YrCance	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	463188.2	3773554	1.25E-07	30YrCance	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	463175.1	3773560	1.20E-07	30YrCance	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	463161.9	3773566	1.15E-07	30YrCance	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	463148.8	3773572	1.10E-07	30YrCance	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	463135.7	3773578	1.07E-07	30YrCance	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	463122.6	3773584	1.03E-07	30YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	463109.4	3773590	9.93E-08	30YrCance	9.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	463096.3	3773596	9.59E-08	30YrCance	9.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	463083.2	3773602	9.23E-08	30YrCance	9.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	463070.1	3773608	8.88E-08	30YrCance	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	463056.9	3773614	8.54E-08	30YrCance	8.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	463043.8	3773620	8.22E-08	30YrCance	8.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	463304.5	3773498	1.96E-07	30YrCance	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	463315.9	3773526	1.96E-07	30YrCance	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	463302.6	3773532	1.81E-07	30YrCance	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	463289.4	3773538	1.70E-07	30YrCance	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	463276.1	3773544	1.59E-07	30YrCance	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	463262.9	3773550	1.51E-07	30YrCance	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	463249.6	3773556	1.43E-07	30YrCance	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	463236.4	3773562	1.36E-07	30YrCance	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	463223.1	3773568	1.30E-07	30YrCance	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	463209.8	3773574	1.24E-07	30YrCance	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	463196.6	3773580	1.19E-07	30YrCance	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	463183.3	3773586	1.14E-07	30YrCance	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	463170.1	3773592	1.09E-07	30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	463156.8	3773599	1.05E-07	30YrCance	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	463143.6	3773605	1.01E-07	30YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	463130.3	3773611	9.75E-08	30YrCance	9.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	463117.1	3773617	9.40E-08	30YrCance	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	463103.8	3773623	9.01E-08	30YrCance	9.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	463090.6	3773629	8.62E-08	30YrCance	8.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	463077.3	3773635	8.32E-08	30YrCance	8.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	463064.1	3773641	8.04E-08	30YrCance	8.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	463050.8	3773647	7.77E-08	30YrCance	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	463037.6	3773653	7.51E-08	30YrCance	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	463327.3	3773517	2.13E-07	30YrCance	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	463338.7	3773545	2.21E-07	30YrCance	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	463325.6	3773551	1.99E-07	30YrCance	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	463312.4	3773557	1.83E-07	30YrCance	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	463299.3	3773563	1.69E-07	30YrCance	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	463286.2	3773569	1.58E-07	30YrCance	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

95	ALL	463273.1	3773575	1.48E-07	30YrCance	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	463260	3773581	1.40E-07	30YrCance	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	463246.9	3773587	1.32E-07	30YrCance	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	463233.8	3773593	1.26E-07	30YrCance	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	463220.7	3773599	1.20E-07	30YrCance	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	463207.6	3773605	1.15E-07	30YrCance	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	463194.5	3773611	1.10E-07	30YrCance	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	463181.4	3773617	1.06E-07	30YrCance	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	463168.3	3773623	1.02E-07	30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	463155.2	3773629	9.77E-08	30YrCance	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	463142.1	3773635	9.38E-08	30YrCance	9.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	463128.9	3773641	9.02E-08	30YrCance	9.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	463115.8	3773647	8.67E-08	30YrCance	8.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	463102.7	3773653	8.34E-08	30YrCance	8.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	463089.6	3773659	8.06E-08	30YrCance	8.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	463076.5	3773665	7.77E-08	30YrCance	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	463063.4	3773671	7.47E-08	30YrCance	7.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	463050.3	3773677	7.19E-08	30YrCance	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	463037.2	3773683	6.92E-08	30YrCance	6.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	463350	3773537	2.47E-07	30YrCance	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	463361.3	3773565	2.71E-07	30YrCance	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	463348.1	3773571	2.33E-07	30YrCance	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	463334.9	3773577	2.06E-07	30YrCance	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	463321.7	3773583	1.86E-07	30YrCance	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	463308.5	3773589	1.70E-07	30YrCance	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	463295.2	3773595	1.57E-07	30YrCance	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	463282	3773601	1.47E-07	30YrCance	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	463268.8	3773607	1.38E-07	30YrCance	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	463255.6	3773613	1.30E-07	30YrCance	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	463242.4	3773619	1.23E-07	30YrCance	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	463229.1	3773625	1.17E-07	30YrCance	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	463215.9	3773632	1.11E-07	30YrCance	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	463202.7	3773638	1.06E-07	30YrCance	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	463189.5	3773644	1.01E-07	30YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	463176.3	3773650	9.71E-08	30YrCance	9.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	463163	3773656	9.30E-08	30YrCance	9.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	463149.8	3773662	8.95E-08	30YrCance	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	463136.6	3773668	8.62E-08	30YrCance	8.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	463123.4	3773674	8.31E-08	30YrCance	8.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	463110.2	3773680	8.02E-08	30YrCance	8.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	463097	3773686	7.74E-08	30YrCance	7.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	463083.7	3773692	7.44E-08	30YrCance	7.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	463070.5	3773698	7.13E-08	30YrCance	7.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	463057.3	3773704	6.86E-08	30YrCance	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	463044.1	3773710	6.64E-08	30YrCance	6.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	463372.7	3773556	3.22E-07	30YrCance	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	463384.1	3773584	3.94E-07	30YrCance	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	463371	3773590	3.05E-07	30YrCance	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

143	ALL	463357.9	3773596	2.53E-07	30YrCance	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	463344.8	3773602	2.19E-07	30YrCance	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	463331.7	3773608	1.94E-07	30YrCance	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	463318.6	3773614	1.75E-07	30YrCance	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	463305.6	3773620	1.61E-07	30YrCance	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	463292.5	3773626	1.49E-07	30YrCance	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	463279.4	3773632	1.38E-07	30YrCance	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	463266.3	3773638	1.30E-07	30YrCance	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	463253.2	3773644	1.22E-07	30YrCance	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	463240.1	3773650	1.15E-07	30YrCance	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	463227	3773656	1.09E-07	30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	463213.9	3773662	1.04E-07	30YrCance	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	463200.8	3773668	9.96E-08	30YrCance	9.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	463187.7	3773674	9.54E-08	30YrCance	9.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	463174.6	3773680	9.15E-08	30YrCance	9.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	463161.5	3773686	8.79E-08	30YrCance	8.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	463148.4	3773692	8.44E-08	30YrCance	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	463135.4	3773698	8.10E-08	30YrCance	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	463122.3	3773704	7.78E-08	30YrCance	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	463109.2	3773710	7.49E-08	30YrCance	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	463096.1	3773716	7.20E-08	30YrCance	7.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	463083	3773722	6.96E-08	30YrCance	6.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	463069.9	3773728	6.72E-08	30YrCance	6.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	463056.8	3773734	6.49E-08	30YrCance	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	463043.7	3773740	6.24E-08	30YrCance	6.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	463395.4	3773576	5.51E-07	30YrCance	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	463406.8	3773604	1.00E-06	30YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	463393.6	3773610	5.07E-07	30YrCance	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	463380.4	3773616	3.56E-07	30YrCance	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	463367.2	3773622	2.81E-07	30YrCance	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	463354	3773628	2.35E-07	30YrCance	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	463340.8	3773634	2.04E-07	30YrCance	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	463327.6	3773640	1.81E-07	30YrCance	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	463314.4	3773646	1.64E-07	30YrCance	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	463301.2	3773652	1.50E-07	30YrCance	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	463288.1	3773658	1.39E-07	30YrCance	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	463274.9	3773664	1.29E-07	30YrCance	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	463261.7	3773671	1.21E-07	30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	463248.5	3773677	1.14E-07	30YrCance	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	463235.3	3773683	1.08E-07	30YrCance	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	463222.1	3773689	1.03E-07	30YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	463208.9	3773695	9.77E-08	30YrCance	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	463195.7	3773701	9.30E-08	30YrCance	9.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	463182.5	3773707	8.88E-08	30YrCance	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	463169.3	3773713	8.49E-08	30YrCance	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	463156.1	3773719	8.13E-08	30YrCance	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	463142.9	3773725	7.82E-08	30YrCance	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	463129.7	3773731	7.53E-08	30YrCance	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

191	ALL	463116.6	3773737	7.25E-08	30YrCance	7.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	463103.4	3773743	7.00E-08	30YrCance	7.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	463090.2	3773749	6.74E-08	30YrCance	6.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	463077	3773755	6.49E-08	30YrCance	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	463063.8	3773761	6.24E-08	30YrCance	6.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	463050.6	3773767	6.00E-08	30YrCance	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	463037.4	3773773	5.78E-08	30YrCance	5.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	463403.4	3773636	7.79E-07	30YrCance	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	463390.3	3773642	4.50E-07	30YrCance	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	463377.2	3773648	3.28E-07	30YrCance	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	463364.2	3773654	2.63E-07	30YrCance	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	463351.1	3773660	2.22E-07	30YrCance	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	463338	3773666	1.93E-07	30YrCance	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	463324.9	3773672	1.72E-07	30YrCance	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	463311.8	3773678	1.56E-07	30YrCance	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	463298.7	3773684	1.43E-07	30YrCance	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	463285.7	3773690	1.32E-07	30YrCance	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	463272.6	3773696	1.23E-07	30YrCance	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	463259.5	3773702	1.15E-07	30YrCance	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	463246.4	3773708	1.08E-07	30YrCance	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	463233.3	3773714	1.02E-07	30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	463220.3	3773720	9.71E-08	30YrCance	9.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	463207.2	3773726	9.24E-08	30YrCance	9.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	463194.1	3773731	8.82E-08	30YrCance	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	463181	3773737	8.44E-08	30YrCance	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	463167.9	3773743	8.09E-08	30YrCance	8.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	463154.9	3773749	7.76E-08	30YrCance	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	463141.8	3773755	7.45E-08	30YrCance	7.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	463128.7	3773761	7.14E-08	30YrCance	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	463115.6	3773767	6.84E-08	30YrCance	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	463102.5	3773773	6.57E-08	30YrCance	6.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	463089.5	3773779	6.32E-08	30YrCance	6.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	463076.4	3773785	6.10E-08	30YrCance	6.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	463063.3	3773791	5.90E-08	30YrCance	5.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	463050.2	3773797	5.67E-08	30YrCance	5.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	463037.1	3773803	5.43E-08	30YrCance	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	463440.9	3773615	6.29E-07	30YrCance	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	463452.2	3773643	4.30E-07	30YrCance	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	463439.1	3773649	6.80E-07	30YrCance	6.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	463399.5	3773667	6.27E-07	30YrCance	6.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	463386.4	3773673	3.97E-07	30YrCance	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	463373.2	3773679	2.99E-07	30YrCance	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	463360	3773685	2.43E-07	30YrCance	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	463346.9	3773692	2.07E-07	30YrCance	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	463333.7	3773698	1.81E-07	30YrCance	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	463320.5	3773704	1.62E-07	30YrCance	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	463307.4	3773710	1.46E-07	30YrCance	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	463294.2	3773716	1.34E-07	30YrCance	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

239	ALL	463281	3773722	1.24E-07	30YrCance	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	463267.8	3773728	1.16E-07	30YrCance	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	463254.7	3773734	1.09E-07	30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	463241.5	3773740	1.02E-07	30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	463228.3	3773746	9.68E-08	30YrCance	9.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	463215.2	3773752	9.17E-08	30YrCance	9.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	463202	3773758	8.70E-08	30YrCance	8.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	463188.8	3773764	8.28E-08	30YrCance	8.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	463175.6	3773770	7.90E-08	30YrCance	7.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	463162.5	3773776	7.60E-08	30YrCance	7.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	463149.3	3773782	7.31E-08	30YrCance	7.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	463136.1	3773788	6.97E-08	30YrCance	6.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	463123	3773794	6.67E-08	30YrCance	6.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	463109.8	3773800	6.42E-08	30YrCance	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	463096.6	3773806	6.18E-08	30YrCance	6.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	463083.4	3773812	5.94E-08	30YrCance	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	463070.3	3773818	5.71E-08	30YrCance	5.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	463057.1	3773824	5.48E-08	30YrCance	5.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	463043.9	3773830	5.27E-08	30YrCance	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	463463.6	3773635	3.37E-07	30YrCance	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	463482.6	3773669	2.52E-07	30YrCance	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	463469.5	3773675	3.01E-07	30YrCance	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	463456.4	3773681	3.86E-07	30YrCance	3.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	463443.3	3773687	5.67E-07	30YrCance	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	463404	3773705	7.71E-07	30YrCance	7.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	463390.9	3773711	4.41E-07	30YrCance	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	463377.8	3773717	3.18E-07	30YrCance	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	463364.7	3773723	2.53E-07	30YrCance	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	463351.6	3773729	2.12E-07	30YrCance	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	463338.5	3773735	1.83E-07	30YrCance	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	463325.4	3773741	1.63E-07	30YrCance	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	463312.3	3773747	1.47E-07	30YrCance	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	463299.2	3773753	1.34E-07	30YrCance	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	463286.1	3773759	1.23E-07	30YrCance	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	463273	3773765	1.14E-07	30YrCance	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	463259.9	3773771	1.06E-07	30YrCance	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	463246.8	3773777	9.95E-08	30YrCance	9.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	463233.7	3773783	9.38E-08	30YrCance	9.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	463220.6	3773789	8.87E-08	30YrCance	8.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	463207.5	3773795	8.42E-08	30YrCance	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	463194.4	3773801	8.02E-08	30YrCance	8.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	463181.3	3773807	7.64E-08	30YrCance	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	463168.2	3773813	7.28E-08	30YrCance	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	463155.1	3773819	6.95E-08	30YrCance	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	463142	3773825	6.64E-08	30YrCance	6.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	463128.9	3773831	6.35E-08	30YrCance	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	463115.8	3773837	6.08E-08	30YrCance	6.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	463102.7	3773843	5.85E-08	30YrCance	5.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

287	ALL	463089.6	3773849	5.64E-08	30YrCance	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	463076.5	3773855	5.44E-08	30YrCance	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	463063.4	3773861	5.25E-08	30YrCance	5.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	463050.3	3773867	5.03E-08	30YrCance	5.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	463037.2	3773873	4.82E-08	30YrCance	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	463493.9	3773661	2.23E-07	30YrCance	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	463512.8	3773695	1.84E-07	30YrCance	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	463499.6	3773702	2.07E-07	30YrCance	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	463486.4	3773708	2.37E-07	30YrCance	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	463473.2	3773714	2.82E-07	30YrCance	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	463460	3773720	3.55E-07	30YrCance	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	463446.8	3773726	5.02E-07	30YrCance	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	463407.2	3773744	9.16E-07	30YrCance	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	463394	3773750	4.74E-07	30YrCance	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	463380.8	3773756	3.31E-07	30YrCance	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	463367.5	3773762	2.58E-07	30YrCance	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	463354.3	3773768	2.14E-07	30YrCance	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	463341.1	3773774	1.84E-07	30YrCance	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	463327.9	3773780	1.62E-07	30YrCance	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	463314.7	3773786	1.44E-07	30YrCance	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	463301.5	3773792	1.31E-07	30YrCance	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	463288.3	3773798	1.20E-07	30YrCance	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	463275.1	3773804	1.11E-07	30YrCance	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	463261.9	3773810	1.03E-07	30YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	463248.7	3773816	9.65E-08	30YrCance	9.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	463235.5	3773823	9.04E-08	30YrCance	9.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	463222.3	3773829	8.50E-08	30YrCance	8.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	463209.1	3773835	8.02E-08	30YrCance	8.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	463195.9	3773841	7.61E-08	30YrCance	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	463182.7	3773847	7.24E-08	30YrCance	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	463169.5	3773853	6.91E-08	30YrCance	6.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	463156.3	3773859	6.60E-08	30YrCance	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	463143.1	3773865	6.32E-08	30YrCance	6.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	463129.9	3773871	6.04E-08	30YrCance	6.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	463524.2	3773687	1.69E-07	30YrCance	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	463543.1	3773722	1.46E-07	30YrCance	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	463530	3773728	1.59E-07	30YrCance	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	463516.8	3773734	1.75E-07	30YrCance	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	463503.7	3773740	1.95E-07	30YrCance	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	463490.6	3773746	2.23E-07	30YrCance	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	463477.4	3773752	2.62E-07	30YrCance	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	463464.3	3773758	3.25E-07	30YrCance	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	463451.2	3773764	4.40E-07	30YrCance	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	463398.6	3773788	5.48E-07	30YrCance	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	463385.5	3773794	3.61E-07	30YrCance	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	463372.3	3773800	2.74E-07	30YrCance	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	463359.2	3773806	2.23E-07	30YrCance	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	463346	3773812	1.89E-07	30YrCance	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

335	ALL	463332.9	3773818	1.64E-07	30YrCance	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	463319.8	3773824	1.46E-07	30YrCance	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	463306.6	3773830	1.32E-07	30YrCance	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	463293.5	3773836	1.21E-07	30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	463280.3	3773842	1.11E-07	30YrCance	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	463267.2	3773848	1.03E-07	30YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	463254.1	3773854	9.52E-08	30YrCance	9.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	463240.9	3773860	8.90E-08	30YrCance	8.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	463227.8	3773866	8.37E-08	30YrCance	8.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	463554.5	3773713	1.37E-07	30YrCance	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	463573.4	3773748	1.22E-07	30YrCance	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	463560.1	3773754	1.30E-07	30YrCance	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	463546.9	3773760	1.40E-07	30YrCance	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	463533.7	3773766	1.52E-07	30YrCance	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	463520.4	3773772	1.67E-07	30YrCance	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	463507.2	3773778	1.87E-07	30YrCance	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	463494	3773784	2.12E-07	30YrCance	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	463480.8	3773790	2.49E-07	30YrCance	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	463467.5	3773796	3.05E-07	30YrCance	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	463454.3	3773802	4.05E-07	30YrCance	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	463441.1	3773808	6.38E-07	30YrCance	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	463401.4	3773827	5.99E-07	30YrCance	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	463388.1	3773833	3.77E-07	30YrCance	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	463374.9	3773839	2.80E-07	30YrCance	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	463361.7	3773845	2.25E-07	30YrCance	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	463348.4	3773851	1.90E-07	30YrCance	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	463335.2	3773857	1.64E-07	30YrCance	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	463322	3773863	1.45E-07	30YrCance	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	463308.7	3773869	1.30E-07	30YrCance	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	463584.7	3773739	1.16E-07	30YrCance	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	463603.7	3773774	1.04E-07	30YrCance	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	463590.5	3773780	1.10E-07	30YrCance	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	463577.4	3773786	1.16E-07	30YrCance	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	463564.2	3773792	1.24E-07	30YrCance	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	463551	3773798	1.34E-07	30YrCance	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	463537.8	3773804	1.45E-07	30YrCance	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	463524.7	3773810	1.59E-07	30YrCance	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	463511.5	3773816	1.77E-07	30YrCance	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	463498.3	3773822	2.00E-07	30YrCance	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	463485.2	3773828	2.33E-07	30YrCance	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	463472	3773834	2.81E-07	30YrCance	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	463458.8	3773840	3.63E-07	30YrCance	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	463445.6	3773846	5.33E-07	30YrCance	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	463406.1	3773864	7.46E-07	30YrCance	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	463615	3773765	9.96E-08	30YrCance	9.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	463633.9	3773800	9.03E-08	30YrCance	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	463620.7	3773806	9.46E-08	30YrCance	9.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	463607.4	3773812	9.95E-08	30YrCance	9.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

383	ALL	463594.2	3773818	1.05E-07	30YrCance	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	463580.9	3773824	1.11E-07	30YrCance	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	463567.7	3773830	1.19E-07	30YrCance	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	463554.4	3773836	1.28E-07	30YrCance	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	463541.2	3773842	1.39E-07	30YrCance	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	463527.9	3773849	1.52E-07	30YrCance	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	463514.7	3773855	1.69E-07	30YrCance	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	463501.4	3773861	1.91E-07	30YrCance	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	463488.2	3773867	2.21E-07	30YrCance	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	463474.9	3773873	2.66E-07	30YrCance	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	463461.7	3773879	3.39E-07	30YrCance	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	463448.4	3773885	4.83E-07	30YrCance	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	463645.3	3773791	8.72E-08	30YrCance	8.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	463664.3	3773826	7.94E-08	30YrCance	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	463651.1	3773832	8.27E-08	30YrCance	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	463637.9	3773838	8.64E-08	30YrCance	8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	463624.7	3773844	9.05E-08	30YrCance	9.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	463611.5	3773850	9.51E-08	30YrCance	9.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	463598.3	3773856	1.00E-07	30YrCance	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	463585.1	3773862	1.06E-07	30YrCance	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	463571.9	3773868	1.13E-07	30YrCance	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	463558.7	3773874	1.22E-07	30YrCance	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	463545.5	3773881	1.32E-07	30YrCance	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	463532.3	3773887	1.44E-07	30YrCance	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	463519.1	3773893	1.60E-07	30YrCance	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	463505.9	3773899	1.80E-07	30YrCance	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	463492.7	3773905	2.07E-07	30YrCance	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	463479.5	3773911	2.45E-07	30YrCance	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	463466.3	3773917	3.04E-07	30YrCance	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	463453.1	3773923	4.13E-07	30YrCance	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	463675.6	3773818	7.71E-08	30YrCance	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	463694.6	3773852	7.07E-08	30YrCance	7.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	463681.4	3773858	7.32E-08	30YrCance	7.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	463668.3	3773864	7.61E-08	30YrCance	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	463655.1	3773870	7.92E-08	30YrCance	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	463642	3773876	8.26E-08	30YrCance	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	463628.9	3773882	8.64E-08	30YrCance	8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	463615.7	3773888	9.08E-08	30YrCance	9.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	463602.6	3773894	9.57E-08	30YrCance	9.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	463589.4	3773900	1.01E-07	30YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	463576.3	3773906	1.08E-07	30YrCance	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	463563.1	3773912	1.16E-07	30YrCance	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	463550	3773918	1.25E-07	30YrCance	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	463536.8	3773924	1.37E-07	30YrCance	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	463523.7	3773931	1.51E-07	30YrCance	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	463705.9	3773844	6.89E-08	30YrCance	6.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	463724.8	3773878	6.35E-08	30YrCance	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	463711.6	3773884	6.55E-08	30YrCance	6.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

431	ALL	463698.4	3773890	6.77E-08	30YrCance	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	463685.2	3773897	7.02E-08	30YrCance	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	463672	3773903	7.28E-08	30YrCance	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	463658.7	3773909	7.57E-08	30YrCance	7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	463645.5	3773915	7.90E-08	30YrCance	7.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	463632.3	3773921	8.27E-08	30YrCance	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	463619.1	3773927	8.69E-08	30YrCance	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	463736.2	3773870	6.20E-08	30YrCance	6.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	463755.2	3773904	5.75E-08	30YrCance	5.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	463742	3773910	5.91E-08	30YrCance	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	463728.8	3773917	6.08E-08	30YrCance	6.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	463715.6	3773923	6.26E-08	30YrCance	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	463702.5	3773929	6.47E-08	30YrCance	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	463766.5	3773896	5.64E-08	30YrCance	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	463307.8	3773489	2.03E-07	30YrCance	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	463336.8	3773491	2.37E-07	30YrCance	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	463333.6	3773500	2.28E-07	30YrCance	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	463330.4	3773509	2.20E-07	30YrCance	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	463366	3773493	3.11E-07	30YrCance	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	463362.8	3773502	2.95E-07	30YrCance	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	463359.6	3773511	2.81E-07	30YrCance	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	463356.4	3773519	2.69E-07	30YrCance	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	463353.2	3773528	2.57E-07	30YrCance	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	463395.3	3773495	5.77E-07	30YrCance	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	463392.1	3773504	5.15E-07	30YrCance	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	463388.9	3773513	4.66E-07	30YrCance	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	463385.6	3773521	4.26E-07	30YrCance	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	463382.4	3773530	3.94E-07	30YrCance	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	463379.2	3773539	3.66E-07	30YrCance	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	463375.9	3773548	3.42E-07	30YrCance	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	463405.2	3773550	9.15E-07	30YrCance	9.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	463401.9	3773558	7.44E-07	30YrCance	7.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	463398.7	3773567	6.31E-07	30YrCance	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	463456.5	3773492	4.10E-07	30YrCance	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	463453.3	3773501	4.39E-07	30YrCance	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	463450.1	3773509	4.73E-07	30YrCance	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	463446.9	3773518	5.16E-07	30YrCance	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	463443.7	3773526	5.71E-07	30YrCance	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	463440.5	3773535	6.45E-07	30YrCance	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	463437.3	3773544	7.49E-07	30YrCance	7.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	463485.9	3773494	2.66E-07	30YrCance	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	463482.7	3773502	2.74E-07	30YrCance	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	463479.5	3773511	2.83E-07	30YrCance	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	463476.2	3773520	2.93E-07	30YrCance	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	463473	3773528	3.04E-07	30YrCance	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	463469.8	3773537	3.16E-07	30YrCance	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	463466.6	3773546	3.31E-07	30YrCance	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	463463.4	3773554	3.48E-07	30YrCance	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

479	ALL	463460.2	3773563	3.68E-07	30YrCance	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	463456.9	3773572	3.92E-07	30YrCance	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	463453.7	3773580	4.21E-07	30YrCance	4.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	463450.5	3773589	4.56E-07	30YrCance	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	463447.3	3773598	5.00E-07	30YrCance	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	463444.1	3773606	5.56E-07	30YrCance	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	463518.6	3773486	2.01E-07	30YrCance	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	463515.3	3773495	2.04E-07	30YrCance	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	463512.1	3773504	2.08E-07	30YrCance	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	463508.9	3773512	2.12E-07	30YrCance	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	463505.6	3773521	2.16E-07	30YrCance	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	463502.4	3773530	2.20E-07	30YrCance	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	463499.2	3773539	2.25E-07	30YrCance	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	463495.9	3773547	2.31E-07	30YrCance	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	463492.7	3773556	2.37E-07	30YrCance	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	463489.5	3773565	2.44E-07	30YrCance	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	463486.2	3773574	2.51E-07	30YrCance	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	463483	3773582	2.59E-07	30YrCance	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	463479.8	3773591	2.68E-07	30YrCance	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	463476.5	3773600	2.79E-07	30YrCance	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	463473.3	3773609	2.91E-07	30YrCance	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	463470	3773617	3.04E-07	30YrCance	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	463466.8	3773626	3.20E-07	30YrCance	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	463558.6	3773486	1.57E-07	30YrCance	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	463555.3	3773495	1.59E-07	30YrCance	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	463552.1	3773504	1.60E-07	30YrCance	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	463548.9	3773512	1.62E-07	30YrCance	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	463545.6	3773521	1.64E-07	30YrCance	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	463542.4	3773530	1.66E-07	30YrCance	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	463539.2	3773539	1.68E-07	30YrCance	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	463535.9	3773547	1.70E-07	30YrCance	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	463532.7	3773556	1.73E-07	30YrCance	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	463529.5	3773565	1.75E-07	30YrCance	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	463526.2	3773573	1.78E-07	30YrCance	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	463523	3773582	1.81E-07	30YrCance	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	463519.8	3773591	1.84E-07	30YrCance	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	463516.5	3773600	1.87E-07	30YrCance	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	463513.3	3773608	1.91E-07	30YrCance	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	463510	3773617	1.95E-07	30YrCance	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	463506.8	3773626	2.00E-07	30YrCance	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	463503.6	3773635	2.05E-07	30YrCance	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	463500.3	3773643	2.11E-07	30YrCance	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	463497.1	3773652	2.17E-07	30YrCance	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	463598.6	3773486	1.30E-07	30YrCance	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	463595.3	3773495	1.31E-07	30YrCance	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	463592.1	3773504	1.32E-07	30YrCance	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	463588.9	3773512	1.33E-07	30YrCance	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	463585.6	3773521	1.34E-07	30YrCance	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

527	ALL	463582.4	3773530	1.35E-07	30YrCance	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	463579.2	3773538	1.36E-07	30YrCance	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	463575.9	3773547	1.37E-07	30YrCance	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	463572.7	3773556	1.38E-07	30YrCance	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	463569.5	3773565	1.39E-07	30YrCance	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	463566.2	3773573	1.41E-07	30YrCance	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	463563	3773582	1.42E-07	30YrCance	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	463559.8	3773591	1.44E-07	30YrCance	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	463556.5	3773600	1.45E-07	30YrCance	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	463553.3	3773608	1.47E-07	30YrCance	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	463550	3773617	1.49E-07	30YrCance	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	463546.8	3773626	1.51E-07	30YrCance	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	463543.6	3773635	1.53E-07	30YrCance	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	463540.3	3773643	1.56E-07	30YrCance	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	463537.1	3773652	1.58E-07	30YrCance	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	463533.9	3773661	1.60E-07	30YrCance	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	463530.6	3773669	1.63E-07	30YrCance	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	463527.4	3773678	1.66E-07	30YrCance	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	463638.6	3773486	1.10E-07	30YrCance	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	463635.3	3773495	1.11E-07	30YrCance	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	463632.1	3773503	1.12E-07	30YrCance	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	463628.9	3773512	1.13E-07	30YrCance	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	463625.6	3773521	1.13E-07	30YrCance	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	463622.4	3773530	1.14E-07	30YrCance	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	463619.2	3773538	1.15E-07	30YrCance	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	463615.9	3773547	1.15E-07	30YrCance	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	463612.7	3773556	1.16E-07	30YrCance	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	463609.5	3773565	1.17E-07	30YrCance	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	463606.2	3773573	1.17E-07	30YrCance	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	463603	3773582	1.18E-07	30YrCance	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	463599.8	3773591	1.19E-07	30YrCance	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	463596.5	3773600	1.20E-07	30YrCance	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	463593.3	3773608	1.21E-07	30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	463590	3773617	1.21E-07	30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	463586.8	3773626	1.22E-07	30YrCance	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	463583.6	3773634	1.23E-07	30YrCance	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	463580.3	3773643	1.25E-07	30YrCance	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	463577.1	3773652	1.27E-07	30YrCance	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	463573.9	3773661	1.28E-07	30YrCance	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	463570.6	3773669	1.29E-07	30YrCance	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	463567.4	3773678	1.31E-07	30YrCance	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	463564.2	3773687	1.32E-07	30YrCance	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	463560.9	3773696	1.34E-07	30YrCance	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	463557.7	3773704	1.36E-07	30YrCance	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	463678.6	3773486	9.58E-08	30YrCance	9.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	463675.3	3773495	9.64E-08	30YrCance	9.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	463672.1	3773503	9.70E-08	30YrCance	9.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	463668.9	3773512	9.75E-08	30YrCance	9.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

575	ALL	463665.6	3773521	9.80E-08	30YrCance	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	463662.4	3773530	9.85E-08	30YrCance	9.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	463659.2	3773538	9.90E-08	30YrCance	9.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	463655.9	3773547	9.94E-08	30YrCance	9.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	463652.7	3773556	9.99E-08	30YrCance	9.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	463649.5	3773565	1.00E-07	30YrCance	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	463646.2	3773573	1.01E-07	30YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	463643	3773582	1.01E-07	30YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	463639.8	3773591	1.02E-07	30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	463636.5	3773599	1.02E-07	30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	463633.3	3773608	1.03E-07	30YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	463630	3773617	1.03E-07	30YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	463626.8	3773626	1.04E-07	30YrCance	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	463623.6	3773634	1.04E-07	30YrCance	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	463620.3	3773643	1.05E-07	30YrCance	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	463617.1	3773652	1.06E-07	30YrCance	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	463613.9	3773661	1.07E-07	30YrCance	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	463610.6	3773669	1.08E-07	30YrCance	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	463607.4	3773678	1.09E-07	30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	463604.2	3773687	1.10E-07	30YrCance	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	463600.9	3773696	1.11E-07	30YrCance	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	463597.7	3773704	1.11E-07	30YrCance	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	463594.5	3773713	1.12E-07	30YrCance	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	463591.2	3773722	1.13E-07	30YrCance	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	463588	3773730	1.14E-07	30YrCance	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	463718.6	3773486	8.42E-08	30YrCance	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	463715.3	3773495	8.47E-08	30YrCance	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	463712.1	3773503	8.52E-08	30YrCance	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	463708.9	3773512	8.57E-08	30YrCance	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	463705.6	3773521	8.61E-08	30YrCance	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	463702.4	3773529	8.65E-08	30YrCance	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	463699.2	3773538	8.69E-08	30YrCance	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	463695.9	3773547	8.73E-08	30YrCance	8.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	463692.7	3773556	8.76E-08	30YrCance	8.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	463689.5	3773564	8.80E-08	30YrCance	8.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	463686.2	3773573	8.83E-08	30YrCance	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	463683	3773582	8.87E-08	30YrCance	8.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	463679.8	3773591	8.90E-08	30YrCance	8.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	463676.5	3773599	8.93E-08	30YrCance	8.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	463673.3	3773608	8.96E-08	30YrCance	8.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL	463670	3773617	9.00E-08	30YrCance	9.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	463666.8	3773626	9.03E-08	30YrCance	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	463663.6	3773634	9.06E-08	30YrCance	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	463660.3	3773643	9.10E-08	30YrCance	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	463657.1	3773652	9.22E-08	30YrCance	9.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	463653.9	3773661	9.26E-08	30YrCance	9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	463650.6	3773669	9.30E-08	30YrCance	9.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	463647.4	3773678	9.34E-08	30YrCance	9.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

623	ALL	463644.2	3773687	9.38E-08	30YrCance	9.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	463640.9	3773695	9.44E-08	30YrCance	9.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	463637.7	3773704	9.50E-08	30YrCance	9.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	463634.5	3773713	9.57E-08	30YrCance	9.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	463631.2	3773722	9.63E-08	30YrCance	9.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	463628	3773730	9.70E-08	30YrCance	9.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL	463624.7	3773739	9.77E-08	30YrCance	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	463621.5	3773748	9.84E-08	30YrCance	9.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	463618.3	3773757	9.90E-08	30YrCance	9.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	463758.6	3773486	7.48E-08	30YrCance	7.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	463755.3	3773494	7.53E-08	30YrCance	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	463752.1	3773503	7.57E-08	30YrCance	7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	463748.9	3773512	7.61E-08	30YrCance	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	463745.6	3773521	7.65E-08	30YrCance	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	463742.4	3773529	7.69E-08	30YrCance	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	463739.2	3773538	7.72E-08	30YrCance	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	463735.9	3773547	7.75E-08	30YrCance	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	463732.7	3773556	7.78E-08	30YrCance	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	463729.5	3773564	7.81E-08	30YrCance	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	463726.2	3773573	7.84E-08	30YrCance	7.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	463723	3773582	7.87E-08	30YrCance	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	463719.8	3773591	7.89E-08	30YrCance	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	463716.5	3773599	7.92E-08	30YrCance	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	463713.3	3773608	7.94E-08	30YrCance	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	463710	3773617	7.96E-08	30YrCance	7.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	463706.8	3773625	7.98E-08	30YrCance	7.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	463703.6	3773634	8.01E-08	30YrCance	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	463700.3	3773643	8.03E-08	30YrCance	8.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	463697.1	3773652	8.06E-08	30YrCance	8.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	463693.9	3773660	8.08E-08	30YrCance	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	463690.6	3773669	8.10E-08	30YrCance	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	463687.4	3773678	8.14E-08	30YrCance	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	463684.2	3773687	8.23E-08	30YrCance	8.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	463680.9	3773695	8.28E-08	30YrCance	8.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	463677.7	3773704	8.32E-08	30YrCance	8.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	463674.5	3773713	8.36E-08	30YrCance	8.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	463671.2	3773722	8.39E-08	30YrCance	8.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	463668	3773730	8.42E-08	30YrCance	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	463664.7	3773739	8.45E-08	30YrCance	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	463661.5	3773748	8.48E-08	30YrCance	8.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	463658.3	3773756	8.54E-08	30YrCance	8.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	463655	3773765	8.59E-08	30YrCance	8.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	463651.8	3773774	8.63E-08	30YrCance	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	463648.6	3773783	8.67E-08	30YrCance	8.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	463798.6	3773486	6.70E-08	30YrCance	6.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	463795.3	3773494	6.75E-08	30YrCance	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	463792.1	3773503	6.79E-08	30YrCance	6.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	463788.9	3773512	6.82E-08	30YrCance	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

671	ALL	463785.6	3773521	6.86E-08	30YrCance	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL	463782.4	3773529	6.89E-08	30YrCance	6.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	463779.2	3773538	6.92E-08	30YrCance	6.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	463775.9	3773547	6.95E-08	30YrCance	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	463772.7	3773556	6.98E-08	30YrCance	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	463769.5	3773564	7.00E-08	30YrCance	7.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	463766.2	3773573	7.03E-08	30YrCance	7.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	463763	3773582	7.05E-08	30YrCance	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	463759.8	3773590	7.07E-08	30YrCance	7.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	463756.5	3773599	7.09E-08	30YrCance	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	463753.3	3773608	7.11E-08	30YrCance	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	463750	3773617	7.13E-08	30YrCance	7.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	463746.8	3773625	7.15E-08	30YrCance	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	463743.6	3773634	7.17E-08	30YrCance	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	463740.3	3773643	7.18E-08	30YrCance	7.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	463737.1	3773652	7.20E-08	30YrCance	7.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	463733.9	3773660	7.21E-08	30YrCance	7.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	463730.6	3773669	7.23E-08	30YrCance	7.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	463727.4	3773678	7.25E-08	30YrCance	7.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	463724.2	3773687	7.33E-08	30YrCance	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	463720.9	3773695	7.35E-08	30YrCance	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	463717.7	3773704	7.37E-08	30YrCance	7.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	463714.5	3773713	7.39E-08	30YrCance	7.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	463711.2	3773721	7.42E-08	30YrCance	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	463708	3773730	7.45E-08	30YrCance	7.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	463704.7	3773739	7.48E-08	30YrCance	7.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	463701.5	3773748	7.50E-08	30YrCance	7.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	463698.3	3773756	7.52E-08	30YrCance	7.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	463695	3773765	7.54E-08	30YrCance	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	463691.8	3773774	7.56E-08	30YrCance	7.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	463688.6	3773783	7.59E-08	30YrCance	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	463685.3	3773791	7.63E-08	30YrCance	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	463682.1	3773800	7.66E-08	30YrCance	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	463678.9	3773809	7.69E-08	30YrCance	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	463835.3	3773494	6.09E-08	30YrCance	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	463832.1	3773503	6.12E-08	30YrCance	6.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL	463828.9	3773512	6.16E-08	30YrCance	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	463825.6	3773521	6.19E-08	30YrCance	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL	463822.4	3773529	6.22E-08	30YrCance	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL	463819.2	3773538	6.25E-08	30YrCance	6.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	463815.9	3773547	6.28E-08	30YrCance	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	463812.7	3773555	6.30E-08	30YrCance	6.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL	463809.5	3773564	6.33E-08	30YrCance	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL	463806.2	3773573	6.35E-08	30YrCance	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL	463803	3773582	6.37E-08	30YrCance	6.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	463799.8	3773590	6.39E-08	30YrCance	6.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL	463796.5	3773599	6.41E-08	30YrCance	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL	463793.3	3773608	6.42E-08	30YrCance	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

719	ALL	463790	3773617	6.44E-08	30YrCance	6.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	463786.8	3773625	6.45E-08	30YrCance	6.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	463783.6	3773634	6.47E-08	30YrCance	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	463780.3	3773643	6.48E-08	30YrCance	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	463777.1	3773652	6.49E-08	30YrCance	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	463773.9	3773660	6.50E-08	30YrCance	6.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	463770.6	3773669	6.52E-08	30YrCance	6.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	463767.4	3773678	6.53E-08	30YrCance	6.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	463764.2	3773686	6.54E-08	30YrCance	6.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL	463760.9	3773695	6.55E-08	30YrCance	6.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	463757.7	3773704	6.56E-08	30YrCance	6.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	463754.5	3773713	6.64E-08	30YrCance	6.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	463751.2	3773721	6.65E-08	30YrCance	6.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	463748	3773730	6.66E-08	30YrCance	6.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	463744.7	3773739	6.68E-08	30YrCance	6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	463741.5	3773748	6.69E-08	30YrCance	6.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	463738.3	3773756	6.72E-08	30YrCance	6.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	463735	3773765	6.74E-08	30YrCance	6.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	463731.8	3773774	6.75E-08	30YrCance	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	463728.6	3773783	6.78E-08	30YrCance	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	463725.3	3773791	6.80E-08	30YrCance	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	463722.1	3773800	6.83E-08	30YrCance	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	463718.9	3773809	6.85E-08	30YrCance	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	463715.6	3773817	6.86E-08	30YrCance	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	463712.4	3773826	6.87E-08	30YrCance	6.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	463709.2	3773835	6.88E-08	30YrCance	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	463875.3	3773494	5.53E-08	30YrCance	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	463872.1	3773503	5.56E-08	30YrCance	5.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL	463868.9	3773512	5.59E-08	30YrCance	5.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL	463865.6	3773520	5.62E-08	30YrCance	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	463862.4	3773529	5.65E-08	30YrCance	5.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	463859.2	3773538	5.68E-08	30YrCance	5.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	463855.9	3773547	5.70E-08	30YrCance	5.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	463852.7	3773555	5.73E-08	30YrCance	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	463849.5	3773564	5.75E-08	30YrCance	5.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	463846.2	3773573	5.77E-08	30YrCance	5.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	463843	3773582	5.79E-08	30YrCance	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	463839.8	3773590	5.81E-08	30YrCance	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	463836.5	3773599	5.83E-08	30YrCance	5.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	463833.3	3773608	5.84E-08	30YrCance	5.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	463830	3773617	5.86E-08	30YrCance	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	463826.8	3773625	5.87E-08	30YrCance	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	463823.6	3773634	5.88E-08	30YrCance	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	463820.3	3773643	5.89E-08	30YrCance	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	463817.1	3773651	5.90E-08	30YrCance	5.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	463813.9	3773660	5.91E-08	30YrCance	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	463810.6	3773669	5.92E-08	30YrCance	5.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	463807.4	3773678	5.93E-08	30YrCance	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

767	ALL	463804.2	3773686	5.94E-08	30YrCance	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	463800.9	3773695	5.94E-08	30YrCance	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	463797.7	3773704	5.96E-08	30YrCance	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	463794.5	3773713	6.03E-08	30YrCance	6.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	463791.2	3773721	6.04E-08	30YrCance	6.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	463788	3773730	6.04E-08	30YrCance	6.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	463784.7	3773739	6.05E-08	30YrCance	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	463781.5	3773748	6.05E-08	30YrCance	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	463778.3	3773756	6.07E-08	30YrCance	6.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	463775	3773765	6.09E-08	30YrCance	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	463771.8	3773774	6.11E-08	30YrCance	6.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	463768.6	3773782	6.12E-08	30YrCance	6.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	463765.3	3773791	6.12E-08	30YrCance	6.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	463762.1	3773800	6.12E-08	30YrCance	6.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	463758.9	3773809	6.13E-08	30YrCance	6.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	463755.6	3773817	6.15E-08	30YrCance	6.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL	463752.4	3773826	6.17E-08	30YrCance	6.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	463749.2	3773835	6.19E-08	30YrCance	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	463745.9	3773844	6.19E-08	30YrCance	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL	463742.7	3773852	6.19E-08	30YrCance	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	463739.4	3773861	6.20E-08	30YrCance	6.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	463915.3	3773494	5.05E-08	30YrCance	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	463912.1	3773503	5.08E-08	30YrCance	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	463908.9	3773512	5.11E-08	30YrCance	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL	463905.6	3773520	5.13E-08	30YrCance	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	463902.4	3773529	5.16E-08	30YrCance	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	463899.2	3773538	5.19E-08	30YrCance	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	463895.9	3773547	5.21E-08	30YrCance	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	463892.7	3773555	5.23E-08	30YrCance	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	463889.5	3773564	5.25E-08	30YrCance	5.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	463886.2	3773573	5.27E-08	30YrCance	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	463883	3773581	5.29E-08	30YrCance	5.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	463879.8	3773590	5.31E-08	30YrCance	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	463876.5	3773599	5.33E-08	30YrCance	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	463873.3	3773608	5.34E-08	30YrCance	5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	463870	3773616	5.35E-08	30YrCance	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	463866.8	3773625	5.37E-08	30YrCance	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	463863.6	3773634	5.38E-08	30YrCance	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	463860.3	3773643	5.39E-08	30YrCance	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	463857.1	3773651	5.40E-08	30YrCance	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	463853.9	3773660	5.41E-08	30YrCance	5.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL	463850.6	3773669	5.42E-08	30YrCance	5.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL	463847.4	3773678	5.42E-08	30YrCance	5.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	463844.2	3773686	5.43E-08	30YrCance	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	463840.9	3773695	5.43E-08	30YrCance	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	463837.7	3773704	5.44E-08	30YrCance	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	463834.5	3773713	5.51E-08	30YrCance	5.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	463831.2	3773721	5.52E-08	30YrCance	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

815	ALL	463828	3773730	5.52E-08	30YrCance	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	463824.7	3773739	5.53E-08	30YrCance	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	463821.5	3773747	5.53E-08	30YrCance	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	463818.3	3773756	5.55E-08	30YrCance	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL	463815	3773765	5.56E-08	30YrCance	5.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	463811.8	3773774	5.58E-08	30YrCance	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	463808.6	3773782	5.58E-08	30YrCance	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	463805.3	3773791	5.58E-08	30YrCance	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	463802.1	3773800	5.58E-08	30YrCance	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	463798.9	3773809	5.58E-08	30YrCance	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	463795.6	3773817	5.61E-08	30YrCance	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	463792.4	3773826	5.62E-08	30YrCance	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	463789.2	3773835	5.63E-08	30YrCance	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	463785.9	3773844	5.63E-08	30YrCance	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	463782.7	3773852	5.63E-08	30YrCance	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	463779.4	3773861	5.63E-08	30YrCance	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	463776.2	3773870	5.63E-08	30YrCance	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	463773	3773878	5.63E-08	30YrCance	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	463769.7	3773887	5.64E-08	30YrCance	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	462999.7	3773059	4.37E-07	30YrCance	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	462990.6	3773059	4.36E-07	30YrCance	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	462981.5	3773059	4.31E-07	30YrCance	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	462972.4	3773059	4.22E-07	30YrCance	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	462963.3	3773059	4.09E-07	30YrCance	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	462954.2	3773059	3.93E-07	30YrCance	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	462945.1	3773059	3.74E-07	30YrCance	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	462936	3773059	3.54E-07	30YrCance	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	462926.9	3773059	3.34E-07	30YrCance	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	462917.8	3773059	3.13E-07	30YrCance	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	462999.7	3773049	3.82E-07	30YrCance	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	462990.6	3773049	3.81E-07	30YrCance	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	462981.5	3773049	3.78E-07	30YrCance	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	462972.4	3773049	3.71E-07	30YrCance	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	462963.3	3773049	3.61E-07	30YrCance	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	462954.2	3773049	3.49E-07	30YrCance	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	462945.1	3773049	3.35E-07	30YrCance	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	462936	3773049	3.20E-07	30YrCance	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	462926.9	3773049	3.04E-07	30YrCance	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	462917.8	3773049	2.88E-07	30YrCance	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	462999.6	3773029	3.02E-07	30YrCance	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	462990.5	3773029	3.02E-07	30YrCance	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	462981.4	3773029	3.00E-07	30YrCance	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	462972.3	3773029	2.96E-07	30YrCance	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	462963.2	3773029	2.90E-07	30YrCance	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	462954.2	3773029	2.83E-07	30YrCance	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	462945.1	3773029	2.75E-07	30YrCance	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	462936	3773029	2.66E-07	30YrCance	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	462926.9	3773029	2.55E-07	30YrCance	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

863	ALL	462917.8	3773029	2.45E-07	30YrCance	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	462999.6	3773009	2.48E-07	30YrCance	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	462990.5	3773009	2.48E-07	30YrCance	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	462981.4	3773009	2.46E-07	30YrCance	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	462972.3	3773009	2.44E-07	30YrCance	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	462963.2	3773009	2.40E-07	30YrCance	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	462954.1	3773009	2.36E-07	30YrCance	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL	462945	3773009	2.30E-07	30YrCance	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL	462935.9	3773009	2.24E-07	30YrCance	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	462926.8	3773009	2.18E-07	30YrCance	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL	462917.7	3773009	2.11E-07	30YrCance	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	462999.6	3772989	2.09E-07	30YrCance	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL	462990.5	3772989	2.09E-07	30YrCance	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL	462981.4	3772989	2.08E-07	30YrCance	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL	462972.3	3772989	2.06E-07	30YrCance	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL	462963.2	3772989	2.04E-07	30YrCance	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL	462954.1	3772989	2.01E-07	30YrCance	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL	462945	3772989	1.97E-07	30YrCance	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	462935.9	3772989	1.93E-07	30YrCance	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL	462926.8	3772989	1.89E-07	30YrCance	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL	462917.7	3772989	1.84E-07	30YrCance	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL	462999.5	3772969	1.81E-07	30YrCance	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL	462990.4	3772969	1.80E-07	30YrCance	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL	462981.3	3772969	1.79E-07	30YrCance	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL	462972.2	3772969	1.78E-07	30YrCance	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL	462963.1	3772969	1.76E-07	30YrCance	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL	462954	3772969	1.74E-07	30YrCance	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL	462944.9	3772969	1.72E-07	30YrCance	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL	462935.8	3772969	1.69E-07	30YrCance	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL	462926.7	3772969	1.65E-07	30YrCance	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL	462917.6	3772969	1.62E-07	30YrCance	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL	462999.5	3772949	1.59E-07	30YrCance	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL	462990.4	3772949	1.58E-07	30YrCance	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL	462981.3	3772949	1.57E-07	30YrCance	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL	462972.2	3772949	1.56E-07	30YrCance	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL	462963.1	3772949	1.55E-07	30YrCance	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL	462954	3772949	1.53E-07	30YrCance	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL	462944.9	3772949	1.52E-07	30YrCance	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	ALL	462935.8	3772949	1.49E-07	30YrCance	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL	462926.7	3772949	1.47E-07	30YrCance	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL	462917.6	3772949	1.44E-07	30YrCance	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL	462999.4	3772929	1.41E-07	30YrCance	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL	462990.3	3772929	1.41E-07	30YrCance	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL	462981.2	3772929	1.40E-07	30YrCance	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL	462972.1	3772929	1.39E-07	30YrCance	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL	462963	3772929	1.38E-07	30YrCance	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	ALL	462953.9	3772929	1.37E-07	30YrCance	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	ALL	462944.8	3772929	1.35E-07	30YrCance	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

911	ALL	462935.7	3772929	1.34E-07	30YrCance	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL	462926.6	3772929	1.32E-07	30YrCance	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL	462917.5	3772929	1.30E-07	30YrCance	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL	462999.4	3772909	1.27E-07	30YrCance	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL	462990.3	3772909	1.27E-07	30YrCance	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	ALL	462981.2	3772909	1.26E-07	30YrCance	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	ALL	462972.1	3772909	1.25E-07	30YrCance	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL	462963	3772909	1.24E-07	30YrCance	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL	462953.9	3772909	1.23E-07	30YrCance	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL	462944.8	3772909	1.22E-07	30YrCance	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL	462935.7	3772909	1.21E-07	30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL	462926.6	3772909	1.19E-07	30YrCance	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	ALL	462917.5	3772909	1.18E-07	30YrCance	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL	462999.3	3772849	9.82E-08	30YrCance	9.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL	462990.2	3772849	9.77E-08	30YrCance	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL	462981.1	3772849	9.71E-08	30YrCance	9.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL	462972	3772849	9.64E-08	30YrCance	9.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL	462962.9	3772849	9.58E-08	30YrCance	9.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL	462953.8	3772849	9.51E-08	30YrCance	9.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL	462944.7	3772849	9.43E-08	30YrCance	9.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL	462935.6	3772849	9.34E-08	30YrCance	9.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL	462926.5	3772849	9.25E-08	30YrCance	9.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL	462917.4	3772849	9.15E-08	30YrCance	9.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL	462999.2	3772819	8.82E-08	30YrCance	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL	462990.1	3772819	8.77E-08	30YrCance	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL	462981	3772819	8.71E-08	30YrCance	8.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL	462971.9	3772819	8.65E-08	30YrCance	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL	462999.1	3772789	8.01E-08	30YrCance	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL	462990	3772789	7.96E-08	30YrCance	7.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL	462980.9	3772789	7.90E-08	30YrCance	7.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL	462971.8	3772789	7.85E-08	30YrCance	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL	462944.6	3772789	7.67E-08	30YrCance	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL	462935.5	3772789	7.61E-08	30YrCance	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	ALL	462926.4	3772789	7.54E-08	30YrCance	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	ALL	462917.3	3772789	7.47E-08	30YrCance	7.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	ALL	462999.1	3772759	7.35E-08	30YrCance	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL	462990	3772759	7.29E-08	30YrCance	7.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL	462980.9	3772759	7.24E-08	30YrCance	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL	462971.8	3772759	7.19E-08	30YrCance	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL	462944.5	3772759	7.02E-08	30YrCance	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	ALL	462935.4	3772759	6.97E-08	30YrCance	6.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL	462926.3	3772759	6.91E-08	30YrCance	6.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL	462917.2	3772759	6.85E-08	30YrCance	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL	462999	3772729	6.79E-08	30YrCance	6.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL	462989.9	3772729	6.74E-08	30YrCance	6.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL	462980.8	3772729	6.69E-08	30YrCance	6.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL	462971.7	3772729	6.64E-08	30YrCance	6.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	ALL	462944.4	3772729	6.48E-08	30YrCance	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

959	ALL	462935.3	3772729	6.43E-08	30YrCance	6.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL	462926.2	3772729	6.37E-08	30YrCance	6.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL	462917.1	3772729	6.32E-08	30YrCance	6.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL	462998.9	3772669	5.91E-08	30YrCance	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL	462989.8	3772669	5.86E-08	30YrCance	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL	462980.7	3772669	5.81E-08	30YrCance	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL	462971.6	3772669	5.76E-08	30YrCance	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL	462962.5	3772669	5.71E-08	30YrCance	5.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL	462953.4	3772669	5.67E-08	30YrCance	5.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL	462944.3	3772669	5.62E-08	30YrCance	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL	462935.2	3772669	5.57E-08	30YrCance	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL	462926.1	3772669	5.52E-08	30YrCance	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL	462917	3772669	5.48E-08	30YrCance	5.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL	462998.8	3772639	5.55E-08	30YrCance	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL	462989.7	3772639	5.50E-08	30YrCance	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL	462980.6	3772639	5.46E-08	30YrCance	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL	462971.5	3772639	5.41E-08	30YrCance	5.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL	462962.4	3772639	5.36E-08	30YrCance	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL	462953.3	3772639	5.32E-08	30YrCance	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL	462944.2	3772639	5.27E-08	30YrCance	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL	462935.1	3772639	5.23E-08	30YrCance	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL	462926	3772639	5.18E-08	30YrCance	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL	462916.9	3772639	5.14E-08	30YrCance	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL	462998.8	3772609	5.24E-08	30YrCance	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL	462989.7	3772609	5.19E-08	30YrCance	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL	462980.6	3772609	5.14E-08	30YrCance	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL	462971.5	3772609	5.10E-08	30YrCance	5.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL	462962.4	3772609	5.05E-08	30YrCance	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL	462953.3	3772609	5.01E-08	30YrCance	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL	462944.2	3772609	4.96E-08	30YrCance	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL	462935.1	3772609	4.92E-08	30YrCance	4.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL	462926	3772609	4.88E-08	30YrCance	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	ALL	462916.9	3772609	4.84E-08	30YrCance	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL	463007.8	3772579	5.01E-08	30YrCance	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL	462998.7	3772579	4.96E-08	30YrCance	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL	462989.6	3772579	4.91E-08	30YrCance	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL	462980.5	3772579	4.87E-08	30YrCance	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL	462971.4	3772579	4.82E-08	30YrCance	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL	462962.3	3772579	4.78E-08	30YrCance	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL	462953.2	3772579	4.74E-08	30YrCance	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL	462944.1	3772579	4.69E-08	30YrCance	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL	462935	3772579	4.65E-08	30YrCance	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	ALL	462925.9	3772579	4.61E-08	30YrCance	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL	462916.8	3772579	4.57E-08	30YrCance	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL	462998.6	3772549	4.71E-08	30YrCance	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL	462989.5	3772549	4.66E-08	30YrCance	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL	462980.4	3772549	4.62E-08	30YrCance	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL	462971.3	3772549	4.57E-08	30YrCance	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1007	ALL	462962.2	3772549	4.53E-08	30YrCance	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL	462953.1	3772549	4.49E-08	30YrCance	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL	462944	3772549	4.45E-08	30YrCance	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	ALL	462935	3772549	4.41E-08	30YrCance	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	ALL	462925.9	3772549	4.37E-08	30YrCance	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL	462916.8	3772549	4.33E-08	30YrCance	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL	462998.6	3772509	4.41E-08	30YrCance	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL	462989.5	3772509	4.36E-08	30YrCance	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL	462980.4	3772509	4.32E-08	30YrCance	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL	462971.3	3772509	4.28E-08	30YrCance	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL	462962.2	3772509	4.24E-08	30YrCance	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL	462953.1	3772509	4.20E-08	30YrCance	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	ALL	462944	3772509	4.16E-08	30YrCance	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL	462934.9	3772509	4.12E-08	30YrCance	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL	462925.8	3772509	4.08E-08	30YrCance	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL	462916.7	3772509	4.04E-08	30YrCance	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL	462998.4	3772429	3.89E-08	30YrCance	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL	462989.3	3772429	3.85E-08	30YrCance	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL	462980.2	3772429	3.81E-08	30YrCance	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	ALL	462971.1	3772429	3.77E-08	30YrCance	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL	462962	3772429	3.73E-08	30YrCance	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL	462952.9	3772429	3.70E-08	30YrCance	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL	462943.8	3772429	3.66E-08	30YrCance	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL	462934.7	3772429	3.63E-08	30YrCance	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL	462925.6	3772429	3.59E-08	30YrCance	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL	462916.5	3772429	3.56E-08	30YrCance	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL	462998.3	3772389	3.67E-08	30YrCance	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL	462989.2	3772389	3.63E-08	30YrCance	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL	462980.1	3772389	3.59E-08	30YrCance	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	ALL	462971	3772389	3.55E-08	30YrCance	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL	462961.9	3772389	3.52E-08	30YrCance	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL	462952.8	3772389	3.48E-08	30YrCance	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL	462943.7	3772389	3.45E-08	30YrCance	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL	462934.6	3772389	3.42E-08	30YrCance	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL	462925.5	3772389	3.38E-08	30YrCance	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	ALL	462916.4	3772389	3.35E-08	30YrCance	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL	462998.2	3772349	3.46E-08	30YrCance	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL	462989.1	3772349	3.42E-08	30YrCance	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL	462980	3772349	3.38E-08	30YrCance	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL	462970.9	3772349	3.35E-08	30YrCance	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL	462961.8	3772349	3.31E-08	30YrCance	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL	462952.7	3772349	3.28E-08	30YrCance	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL	462943.6	3772349	3.25E-08	30YrCance	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL	462934.5	3772349	3.22E-08	30YrCance	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL	462925.4	3772349	3.19E-08	30YrCance	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL	462916.3	3772349	3.16E-08	30YrCance	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL	462998.1	3772309	3.26E-08	30YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL	462989	3772309	3.22E-08	30YrCance	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1055	ALL	462979.9	3772309	3.19E-08	30YrCance	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL	462970.8	3772309	3.16E-08	30YrCance	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL	462961.7	3772309	3.13E-08	30YrCance	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL	462952.6	3772309	3.10E-08	30YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL	462943.5	3772309	3.07E-08	30YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL	462934.4	3772309	3.04E-08	30YrCance	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL	462925.3	3772309	3.01E-08	30YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL	462916.3	3772309	2.98E-08	30YrCance	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL	462998.1	3772269	3.07E-08	30YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL	462989	3772269	3.04E-08	30YrCance	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL	462979.9	3772269	3.01E-08	30YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL	462970.8	3772269	2.98E-08	30YrCance	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL	462961.7	3772269	2.95E-08	30YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL	462952.6	3772269	2.92E-08	30YrCance	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL	462943.5	3772269	2.89E-08	30YrCance	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL	462934.4	3772269	2.87E-08	30YrCance	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL	462925.3	3772269	2.84E-08	30YrCance	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL	462916.2	3772269	2.82E-08	30YrCance	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL	463032.1	3772239	3.06E-08	30YrCance	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL	463040.5	3772242	3.11E-08	30YrCance	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL	463057.2	3772249	3.21E-08	30YrCance	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL	463065.5	3772253	3.27E-08	30YrCance	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL	463073.9	3772256	3.33E-08	30YrCance	3.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL	463441.2	3772407	3.83E-07	30YrCance	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL	463457.9	3772414	2.32E-07	30YrCance	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL	463466.2	3772418	1.97E-07	30YrCance	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	ALL	463474.5	3772421	1.72E-07	30YrCance	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL	463491.2	3772428	1.39E-07	30YrCance	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL	463499.6	3772431	1.28E-07	30YrCance	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL	463507.9	3772435	1.18E-07	30YrCance	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL	463524.6	3772442	1.03E-07	30YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL	462998	3772229	2.89E-08	30YrCance	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL	462988.9	3772229	2.86E-08	30YrCance	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL	462979.8	3772229	2.84E-08	30YrCance	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL	462970.7	3772229	2.81E-08	30YrCance	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL	462961.6	3772229	2.78E-08	30YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL	462952.5	3772229	2.76E-08	30YrCance	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	ALL	462943.4	3772229	2.73E-08	30YrCance	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL	462934.3	3772229	2.71E-08	30YrCance	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL	462925.2	3772229	2.69E-08	30YrCance	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL	462916.1	3772229	2.66E-08	30YrCance	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL	463032.2	3772199	2.88E-08	30YrCance	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL	463040.5	3772202	2.92E-08	30YrCance	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL	463048.9	3772206	2.97E-08	30YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL	463057.3	3772209	3.02E-08	30YrCance	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL	463099.3	3772227	3.30E-08	30YrCance	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL	463107.6	3772230	3.36E-08	30YrCance	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL	463116	3772234	3.43E-08	30YrCance	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1103	ALL	463124.4	3772237	3.50E-08	30YrCance	3.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL	463132.8	3772240	3.58E-08	30YrCance	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL	463141.2	3772244	3.66E-08	30YrCance	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL	463149.6	3772247	3.75E-08	30YrCance	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL	463158	3772251	3.84E-08	30YrCance	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL	463166.4	3772254	3.94E-08	30YrCance	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL	463174.8	3772258	4.04E-08	30YrCance	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL	463434.8	3772365	5.22E-07	30YrCance	5.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	ALL	463443.2	3772368	3.48E-07	30YrCance	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL	463451.6	3772372	2.66E-07	30YrCance	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL	463459.9	3772375	2.17E-07	30YrCance	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL	463468.3	3772379	1.85E-07	30YrCance	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL	463485.1	3772386	1.45E-07	30YrCance	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	ALL	463493.5	3772389	1.32E-07	30YrCance	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	ALL	463501.9	3772392	1.21E-07	30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL	463510.3	3772396	1.12E-07	30YrCance	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	ALL	463527	3772403	9.76E-08	30YrCance	9.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL	463535.4	3772406	9.20E-08	30YrCance	9.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	ALL	463543.8	3772410	8.70E-08	30YrCance	8.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL	463552.2	3772413	8.27E-08	30YrCance	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL	463569	3772420	7.53E-08	30YrCance	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL	463594.2	3772430	6.68E-08	30YrCance	6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL	463602.5	3772434	6.45E-08	30YrCance	6.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	ALL	463610.9	3772437	6.24E-08	30YrCance	6.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL	463619.3	3772441	6.04E-08	30YrCance	6.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL	462997.9	3772189	2.73E-08	30YrCance	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL	462988.8	3772189	2.70E-08	30YrCance	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL	462979.7	3772189	2.67E-08	30YrCance	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL	462970.6	3772189	2.65E-08	30YrCance	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	ALL	462961.5	3772189	2.63E-08	30YrCance	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL	462952.4	3772189	2.60E-08	30YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL	462943.3	3772189	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL	462934.2	3772189	2.56E-08	30YrCance	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL	462925.1	3772189	2.54E-08	30YrCance	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL	462916	3772189	2.52E-08	30YrCance	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL	463031.9	3772159	2.70E-08	30YrCance	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL	463048.5	3772166	2.78E-08	30YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL	463056.9	3772169	2.83E-08	30YrCance	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	ALL	463065.2	3772173	2.87E-08	30YrCance	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL	463081.8	3772180	2.97E-08	30YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	ALL	463090.2	3772183	3.02E-08	30YrCance	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL	463106.8	3772190	3.13E-08	30YrCance	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL	463115.1	3772193	3.19E-08	30YrCance	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL	463123.5	3772197	3.26E-08	30YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL	463140.1	3772204	3.40E-08	30YrCance	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL	463148.5	3772207	3.47E-08	30YrCance	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL	463198.4	3772228	4.04E-08	30YrCance	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL	463206.7	3772231	4.17E-08	30YrCance	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1151	ALL	463223.4	3772238	4.44E-08	30YrCance	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL	463231.7	3772241	4.60E-08	30YrCance	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL	463240	3772245	4.78E-08	30YrCance	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL	463256.7	3772252	5.19E-08	30YrCance	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL	463265	3772255	5.43E-08	30YrCance	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL	463439.9	3772327	3.90E-07	30YrCance	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL	463456.5	3772334	2.28E-07	30YrCance	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL	463464.9	3772337	1.91E-07	30YrCance	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL	463473.2	3772341	1.65E-07	30YrCance	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL	463489.8	3772348	1.32E-07	30YrCance	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL	463498.2	3772351	1.20E-07	30YrCance	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL	463506.5	3772354	1.11E-07	30YrCance	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL	463523.1	3772361	9.62E-08	30YrCance	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL	463531.5	3772365	9.04E-08	30YrCance	9.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL	463548.1	3772372	8.09E-08	30YrCance	8.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL	463556.4	3772375	7.70E-08	30YrCance	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL	463564.8	3772378	7.35E-08	30YrCance	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL	463589.8	3772389	6.51E-08	30YrCance	6.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL	463606.4	3772396	6.06E-08	30YrCance	6.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	ALL	463614.7	3772399	5.86E-08	30YrCance	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	ALL	463623.1	3772402	5.68E-08	30YrCance	5.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	ALL	463639.7	3772409	5.36E-08	30YrCance	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL	463648	3772413	5.21E-08	30YrCance	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL	463664.7	3772420	4.95E-08	30YrCance	4.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	ALL	463673	3772423	4.83E-08	30YrCance	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL	463681.3	3772426	4.72E-08	30YrCance	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL	463698	3772433	4.51E-08	30YrCance	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL	463706.3	3772437	4.42E-08	30YrCance	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL	462997.8	3772149	2.57E-08	30YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL	462988.7	3772149	2.54E-08	30YrCance	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL	462979.6	3772149	2.52E-08	30YrCance	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL	462970.5	3772149	2.50E-08	30YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	ALL	462961.4	3772149	2.48E-08	30YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL	462952.3	3772149	2.46E-08	30YrCance	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL	462943.2	3772149	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL	462934.1	3772149	2.42E-08	30YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	ALL	462925	3772149	2.40E-08	30YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL	462915.9	3772149	2.38E-08	30YrCance	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL	462908	3773149	5.31E-07	30YrCance	5.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL	462908.1	3773159	5.46E-07	30YrCance	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL	462908.2	3773169	5.53E-07	30YrCance	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL	462908.3	3773179	5.52E-07	30YrCance	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL	462908.4	3773189	5.44E-07	30YrCance	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL	462908.5	3773199	5.29E-07	30YrCance	5.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL	462908.6	3773209	5.11E-07	30YrCance	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL	462908.6	3773219	4.88E-07	30YrCance	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	ALL	462908.7	3773229	4.63E-07	30YrCance	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL	462908.8	3773239	4.38E-07	30YrCance	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1199 ALL	462900.9	3773142	4.64E-07 30YrCance	4.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 ALL	462898.1	3773159	4.65E-07 30YrCance	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201 ALL	462898.2	3773169	4.70E-07 30YrCance	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202 ALL	462898.3	3773179	4.70E-07 30YrCance	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203 ALL	462898.4	3773189	4.65E-07 30YrCance	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204 ALL	462898.5	3773199	4.55E-07 30YrCance	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205 ALL	462898.6	3773209	4.42E-07 30YrCance	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206 ALL	462898.6	3773219	4.26E-07 30YrCance	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207 ALL	462898.7	3773229	4.07E-07 30YrCance	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208 ALL	462898.8	3773239	3.88E-07 30YrCance	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209 ALL	462890.9	3773142	4.02E-07 30YrCance	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210 ALL	462903.8	3773125	4.47E-07 30YrCance	4.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211 ALL	462888.1	3773159	4.02E-07 30YrCance	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212 ALL	462888.2	3773169	4.07E-07 30YrCance	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213 ALL	462888.3	3773179	4.07E-07 30YrCance	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214 ALL	462888.4	3773189	4.04E-07 30YrCance	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215 ALL	462888.5	3773199	3.97E-07 30YrCance	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216 ALL	462888.6	3773209	3.87E-07 30YrCance	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217 ALL	462888.6	3773219	3.75E-07 30YrCance	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218 ALL	462888.7	3773229	3.61E-07 30YrCance	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219 ALL	462888.8	3773239	3.46E-07 30YrCance	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220 ALL	462880.9	3773142	3.53E-07 30YrCance	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221 ALL	462886.7	3773128	3.62E-07 30YrCance	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222 ALL	462896.7	3773118	3.91E-07 30YrCance	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223 ALL	462878.1	3773159	3.53E-07 30YrCance	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224 ALL	462878.2	3773169	3.56E-07 30YrCance	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225 ALL	462878.3	3773179	3.57E-07 30YrCance	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226 ALL	462878.4	3773189	3.54E-07 30YrCance	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227 ALL	462878.5	3773199	3.49E-07 30YrCance	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228 ALL	462878.6	3773209	3.42E-07 30YrCance	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229 ALL	462878.6	3773219	3.33E-07 30YrCance	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230 ALL	462878.7	3773229	3.23E-07 30YrCance	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231 ALL	462878.8	3773239	3.11E-07 30YrCance	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232 ALL	462871.6	3773140	3.15E-07 30YrCance	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233 ALL	462875.2	3773131	3.20E-07 30YrCance	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234 ALL	462878.8	3773123	3.23E-07 30YrCance	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235 ALL	462891.3	3773110	3.52E-07 30YrCance	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236 ALL	462900.2	3773106	3.82E-07 30YrCance	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237 ALL	462909	3773103	4.14E-07 30YrCance	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238 ALL	462868	3773149	3.08E-07 30YrCance	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239 ALL	462868.1	3773159	3.13E-07 30YrCance	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240 ALL	462868.2	3773169	3.16E-07 30YrCance	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241 ALL	462868.3	3773179	3.16E-07 30YrCance	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242 ALL	462868.4	3773189	3.15E-07 30YrCance	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243 ALL	462868.5	3773199	3.11E-07 30YrCance	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244 ALL	462868.6	3773209	3.05E-07 30YrCance	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245 ALL	462868.6	3773219	2.98E-07 30YrCance	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246 ALL	462868.7	3773229	2.90E-07 30YrCance	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1247	ALL	462868.8	3773239	2.81E-07	30YrCance	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	ALL	462861.5	3773141	2.82E-07	30YrCance	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	ALL	462864.9	3773132	2.87E-07	30YrCance	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	ALL	462868.4	3773124	2.90E-07	30YrCance	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	ALL	462871.9	3773115	2.91E-07	30YrCance	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	ALL	462883.8	3773103	3.13E-07	30YrCance	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	ALL	462892.4	3773100	3.36E-07	30YrCance	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	ALL	462900.9	3773096	3.60E-07	30YrCance	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	ALL	462909.4	3773092	3.85E-07	30YrCance	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	ALL	462858	3773149	2.76E-07	30YrCance	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	ALL	462858.1	3773159	2.80E-07	30YrCance	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	ALL	462858.2	3773169	2.82E-07	30YrCance	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	ALL	462858.3	3773179	2.83E-07	30YrCance	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	ALL	462858.4	3773189	2.82E-07	30YrCance	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261	ALL	462858.5	3773199	2.79E-07	30YrCance	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	ALL	462858.6	3773209	2.75E-07	30YrCance	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	ALL	462858.6	3773219	2.69E-07	30YrCance	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	ALL	462858.7	3773229	2.63E-07	30YrCance	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	ALL	462858.8	3773239	2.56E-07	30YrCance	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	ALL	462851.4	3773141	2.54E-07	30YrCance	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	ALL	462854.7	3773133	2.58E-07	30YrCance	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	ALL	462861.5	3773116	2.63E-07	30YrCance	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	ALL	462876.5	3773096	2.81E-07	30YrCance	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	ALL	462893	3773089	3.18E-07	30YrCance	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	ALL	462848.1	3773159	2.53E-07	30YrCance	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	ALL	462848.2	3773169	2.55E-07	30YrCance	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	ALL	462848.3	3773179	2.55E-07	30YrCance	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1274	ALL	462848.4	3773189	2.54E-07	30YrCance	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275	ALL	462848.5	3773199	2.52E-07	30YrCance	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	ALL	462848.6	3773209	2.49E-07	30YrCance	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	ALL	462848.6	3773219	2.45E-07	30YrCance	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	ALL	462848.7	3773229	2.40E-07	30YrCance	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	ALL	462848.8	3773239	2.34E-07	30YrCance	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	ALL	462841.3	3773141	2.31E-07	30YrCance	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281	ALL	462847.9	3773125	2.38E-07	30YrCance	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	ALL	462854.5	3773109	2.41E-07	30YrCance	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	ALL	462869.2	3773089	2.54E-07	30YrCance	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	ALL	462885.4	3773082	2.84E-07	30YrCance	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	ALL	462901.6	3773076	3.14E-07	30YrCance	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	ALL	462838.1	3773160	2.30E-07	30YrCance	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287	ALL	462838.2	3773169	2.31E-07	30YrCance	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	ALL	462838.3	3773179	2.32E-07	30YrCance	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	ALL	462838.4	3773189	2.31E-07	30YrCance	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	ALL	462838.5	3773199	2.29E-07	30YrCance	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	ALL	462838.6	3773209	2.27E-07	30YrCance	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	ALL	462838.6	3773219	2.23E-07	30YrCance	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	ALL	462838.7	3773229	2.19E-07	30YrCance	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	ALL	462838.8	3773239	2.15E-07	30YrCance	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1295 ALL	462831.7	3773141	2.12E-07 30YrCance	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296 ALL	462835.4	3773131	2.15E-07 30YrCance	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297 ALL	462839.2	3773122	2.18E-07 30YrCance	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298 ALL	462842.9	3773113	2.20E-07 30YrCance	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299 ALL	462846.6	3773104	2.21E-07 30YrCance	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 ALL	462850.3	3773095	2.21E-07 30YrCance	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301 ALL	462863.1	3773082	2.34E-07 30YrCance	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302 ALL	462872.2	3773078	2.47E-07 30YrCance	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303 ALL	462881.4	3773074	2.61E-07 30YrCance	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304 ALL	462890.5	3773070	2.76E-07 30YrCance	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305 ALL	462899.6	3773066	2.89E-07 30YrCance	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1306 ALL	462908.7	3773063	3.02E-07 30YrCance	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307 ALL	462828	3773150	2.08E-07 30YrCance	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308 ALL	462828.1	3773160	2.10E-07 30YrCance	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309 ALL	462828.2	3773170	2.11E-07 30YrCance	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310 ALL	462828.3	3773180	2.12E-07 30YrCance	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311 ALL	462828.4	3773189	2.11E-07 30YrCance	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312 ALL	462828.5	3773199	2.10E-07 30YrCance	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1313 ALL	462828.6	3773209	2.08E-07 30YrCance	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314 ALL	462828.6	3773219	2.05E-07 30YrCance	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315 ALL	462828.7	3773229	2.02E-07 30YrCance	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316 ALL	462828.8	3773239	1.98E-07 30YrCance	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317 ALL	462821.6	3773141	1.95E-07 30YrCance	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318 ALL	462825.2	3773132	1.98E-07 30YrCance	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319 ALL	462828.8	3773123	2.00E-07 30YrCance	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320 ALL	462832.5	3773114	2.02E-07 30YrCance	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321 ALL	462836.1	3773105	2.03E-07 30YrCance	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322 ALL	462839.7	3773096	2.04E-07 30YrCance	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323 ALL	462843.3	3773087	2.04E-07 30YrCance	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324 ALL	462855.8	3773075	2.14E-07 30YrCance	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325 ALL	462864.6	3773071	2.25E-07 30YrCance	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326 ALL	462873.5	3773067	2.37E-07 30YrCance	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327 ALL	462882.3	3773064	2.48E-07 30YrCance	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328 ALL	462891.2	3773060	2.59E-07 30YrCance	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329 ALL	462900.1	3773056	2.70E-07 30YrCance	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330 ALL	462908.9	3773053	2.80E-07 30YrCance	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331 ALL	462818	3773150	1.91E-07 30YrCance	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332 ALL	462818.1	3773160	1.93E-07 30YrCance	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333 ALL	462818.2	3773170	1.94E-07 30YrCance	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334 ALL	462818.3	3773180	1.95E-07 30YrCance	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335 ALL	462818.4	3773190	1.94E-07 30YrCance	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336 ALL	462818.5	3773200	1.93E-07 30YrCance	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337 ALL	462818.6	3773209	1.91E-07 30YrCance	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338 ALL	462818.6	3773219	1.89E-07 30YrCance	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339 ALL	462818.7	3773229	1.87E-07 30YrCance	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340 ALL	462818.8	3773239	1.83E-07 30YrCance	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341 ALL	462801.5	3773141	1.67E-07 30YrCance	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342 ALL	462804.9	3773133	1.69E-07 30YrCance	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1343	ALL	462808.4	3773124	1.71E-07	30YrCance	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	ALL	462811.9	3773116	1.73E-07	30YrCance	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345	ALL	462815.3	3773107	1.74E-07	30YrCance	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	ALL	462818.8	3773099	1.75E-07	30YrCance	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	ALL	462822.3	3773090	1.76E-07	30YrCance	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	ALL	462825.7	3773082	1.76E-07	30YrCance	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	ALL	462829.2	3773073	1.75E-07	30YrCance	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	ALL	462841.2	3773061	1.82E-07	30YrCance	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1351	ALL	462849.7	3773057	1.90E-07	30YrCance	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	ALL	462858.2	3773054	1.98E-07	30YrCance	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	ALL	462866.7	3773050	2.06E-07	30YrCance	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	ALL	462875.2	3773047	2.14E-07	30YrCance	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	ALL	462883.7	3773043	2.22E-07	30YrCance	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	ALL	462892.2	3773040	2.29E-07	30YrCance	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	ALL	462900.7	3773036	2.35E-07	30YrCance	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	ALL	462909.2	3773032	2.41E-07	30YrCance	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	ALL	462798	3773150	1.64E-07	30YrCance	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	ALL	462798.1	3773160	1.65E-07	30YrCance	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	ALL	462798.2	3773170	1.66E-07	30YrCance	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	ALL	462798.3	3773180	1.67E-07	30YrCance	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363	ALL	462798.4	3773190	1.66E-07	30YrCance	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364	ALL	462798.5	3773200	1.66E-07	30YrCance	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1365	ALL	462798.6	3773210	1.64E-07	30YrCance	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366	ALL	462798.6	3773220	1.63E-07	30YrCance	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367	ALL	462798.7	3773230	1.61E-07	30YrCance	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368	ALL	462798.8	3773240	1.59E-07	30YrCance	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369	ALL	462781.7	3773141	1.45E-07	30YrCance	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370	ALL	462785.4	3773132	1.47E-07	30YrCance	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371	ALL	462789	3773123	1.49E-07	30YrCance	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372	ALL	462792.7	3773114	1.51E-07	30YrCance	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373	ALL	462796.4	3773105	1.52E-07	30YrCance	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374	ALL	462800.1	3773096	1.53E-07	30YrCance	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375	ALL	462803.7	3773087	1.53E-07	30YrCance	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376	ALL	462807.4	3773078	1.54E-07	30YrCance	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377	ALL	462811.1	3773069	1.53E-07	30YrCance	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378	ALL	462814.8	3773059	1.53E-07	30YrCance	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1379	ALL	462827.5	3773047	1.58E-07	30YrCance	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380	ALL	462836.5	3773043	1.65E-07	30YrCance	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381	ALL	462845.5	3773039	1.71E-07	30YrCance	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382	ALL	462854.5	3773035	1.78E-07	30YrCance	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1383	ALL	462863.6	3773032	1.84E-07	30YrCance	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1384	ALL	462872.6	3773028	1.90E-07	30YrCance	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385	ALL	462881.6	3773024	1.96E-07	30YrCance	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386	ALL	462890.6	3773020	2.01E-07	30YrCance	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387	ALL	462899.7	3773016	2.05E-07	30YrCance	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388	ALL	462908.7	3773013	2.09E-07	30YrCance	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1389	ALL	462778	3773150	1.43E-07	30YrCance	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1390	ALL	462778.1	3773160	1.44E-07	30YrCance	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1391 ALL	462778.2	3773170	1.45E-07 30YrCance	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1392 ALL	462778.3	3773180	1.45E-07 30YrCance	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1393 ALL	462778.4	3773190	1.45E-07 30YrCance	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1394 ALL	462778.5	3773200	1.44E-07 30YrCance	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1395 ALL	462778.6	3773210	1.43E-07 30YrCance	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1396 ALL	462778.6	3773220	1.42E-07 30YrCance	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1397 ALL	462778.7	3773230	1.41E-07 30YrCance	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1398 ALL	462778.8	3773240	1.39E-07 30YrCance	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1399 ALL	462761.6	3773142	1.28E-07 30YrCance	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 ALL	462765.1	3773133	1.30E-07 30YrCance	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1401 ALL	462768.7	3773124	1.31E-07 30YrCance	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1402 ALL	462772.2	3773115	1.33E-07 30YrCance	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1403 ALL	462775.8	3773106	1.34E-07 30YrCance	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1404 ALL	462779.3	3773098	1.35E-07 30YrCance	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1405 ALL	462782.9	3773089	1.35E-07 30YrCance	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406 ALL	462786.5	3773080	1.36E-07 30YrCance	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1407 ALL	462790	3773071	1.36E-07 30YrCance	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1408 ALL	462793.6	3773063	1.36E-07 30YrCance	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1409 ALL	462797.1	3773054	1.35E-07 30YrCance	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1410 ALL	462800.7	3773045	1.35E-07 30YrCance	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1411 ALL	462813	3773033	1.39E-07 30YrCance	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1412 ALL	462821.7	3773029	1.44E-07 30YrCance	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413 ALL	462830.4	3773025	1.49E-07 30YrCance	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1414 ALL	462839.1	3773022	1.54E-07 30YrCance	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1415 ALL	462847.9	3773018	1.59E-07 30YrCance	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416 ALL	462856.6	3773014	1.64E-07 30YrCance	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1417 ALL	462865.3	3773011	1.68E-07 30YrCance	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1418 ALL	462874	3773007	1.72E-07 30YrCance	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1419 ALL	462882.8	3773003	1.76E-07 30YrCance	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1420 ALL	462891.5	3773000	1.79E-07 30YrCance	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421 ALL	462900.2	3772996	1.81E-07 30YrCance	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1422 ALL	462908.9	3772992	1.83E-07 30YrCance	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1423 ALL	462758	3773150	1.26E-07 30YrCance	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1424 ALL	462758.1	3773160	1.27E-07 30YrCance	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1425 ALL	462758.2	3773170	1.27E-07 30YrCance	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426 ALL	462758.3	3773180	1.28E-07 30YrCance	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1427 ALL	462758.4	3773190	1.27E-07 30YrCance	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1428 ALL	462758.5	3773200	1.27E-07 30YrCance	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1429 ALL	462758.6	3773210	1.27E-07 30YrCance	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430 ALL	462758.6	3773220	1.26E-07 30YrCance	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1431 ALL	462758.7	3773230	1.25E-07 30YrCance	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1432 ALL	462758.8	3773240	1.24E-07 30YrCance	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1433 ALL	462745.4	3773132	1.16E-07 30YrCance	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1434 ALL	462749.2	3773123	1.17E-07 30YrCance	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1435 ALL	462752.9	3773114	1.18E-07 30YrCance	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1436 ALL	462756.6	3773105	1.19E-07 30YrCance	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1437 ALL	462760.3	3773096	1.20E-07 30YrCance	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1438 ALL	462764	3773086	1.21E-07 30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1439 ALL	462767.7	3773077	1.21E-07 30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1440 ALL	462771.4	3773068	1.21E-07 30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1441 ALL	462775.2	3773059	1.21E-07 30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1442 ALL	462778.9	3773050	1.21E-07 30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1443 ALL	462782.6	3773041	1.21E-07 30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1444 ALL	462786.3	3773031	1.20E-07 30YrCance	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1445 ALL	462799.1	3773018	1.24E-07 30YrCance	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1446 ALL	462808.2	3773015	1.28E-07 30YrCance	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1447 ALL	462817.4	3773011	1.32E-07 30YrCance	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1448 ALL	462826.5	3773007	1.36E-07 30YrCance	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1449 ALL	462835.6	3773003	1.41E-07 30YrCance	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1450 ALL	462844.7	3772999	1.44E-07 30YrCance	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1451 ALL	462853.8	3772996	1.48E-07 30YrCance	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1452 ALL	462862.9	3772992	1.51E-07 30YrCance	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1453 ALL	462872.1	3772988	1.54E-07 30YrCance	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1454 ALL	462881.2	3772984	1.57E-07 30YrCance	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1455 ALL	462890.3	3772980	1.59E-07 30YrCance	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456 ALL	462899.4	3772976	1.61E-07 30YrCance	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1457 ALL	462908.5	3772973	1.62E-07 30YrCance	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1458 ALL	462721.6	3773142	1.02E-07 30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1459 ALL	462725.2	3773133	1.04E-07 30YrCance	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1460 ALL	462728.8	3773124	1.05E-07 30YrCance	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1461 ALL	462746.9	3773079	1.09E-07 30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1462 ALL	462750.5	3773071	1.09E-07 30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1463 ALL	462754.1	3773062	1.09E-07 30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1464 ALL	462757.7	3773053	1.10E-07 30YrCance	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1465 ALL	462761.3	3773044	1.09E-07 30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1466 ALL	462765	3773035	1.09E-07 30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1467 ALL	462768.6	3773026	1.09E-07 30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1468 ALL	462772.2	3773017	1.08E-07 30YrCance	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1469 ALL	462784.7	3773005	1.11E-07 30YrCance	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1470 ALL	462793.5	3773001	1.14E-07 30YrCance	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1471 ALL	462802.4	3772997	1.18E-07 30YrCance	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1472 ALL	462811.2	3772993	1.21E-07 30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1473 ALL	462820.1	3772990	1.24E-07 30YrCance	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1474 ALL	462829	3772986	1.28E-07 30YrCance	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1475 ALL	462837.8	3772982	1.31E-07 30YrCance	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1476 ALL	462846.7	3772979	1.33E-07 30YrCance	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1477 ALL	462855.6	3772975	1.36E-07 30YrCance	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1478 ALL	462864.4	3772971	1.38E-07 30YrCance	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1479 ALL	462873.3	3772967	1.40E-07 30YrCance	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1480 ALL	462882.1	3772964	1.42E-07 30YrCance	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1481 ALL	462891	3772960	1.43E-07 30YrCance	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1482 ALL	462899.9	3772956	1.44E-07 30YrCance	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1483 ALL	462908.7	3772953	1.44E-07 30YrCance	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1484 ALL	462718	3773151	1.01E-07 30YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1485 ALL	462718.1	3773161	1.01E-07 30YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1486 ALL	462718.2	3773171	1.02E-07 30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1487 ALL	462718.3	3773181	1.02E-07 30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1488 ALL	462718.4	3773190	1.02E-07 30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1489 ALL	462718.5	3773200	1.02E-07 30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1490 ALL	462718.6	3773210	1.02E-07 30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1491 ALL	462718.7	3773220	1.01E-07 30YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1492 ALL	462718.7	3773230	1.00E-07 30YrCance	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1493 ALL	462718.8	3773240	9.97E-08 30YrCance	9.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1494 ALL	462701.8	3773142	9.29E-08 30YrCance	9.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1495 ALL	462705.5	3773132	9.40E-08 30YrCance	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1496 ALL	462709.2	3773123	9.50E-08 30YrCance	9.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1497 ALL	462713	3773114	9.60E-08 30YrCance	9.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1498 ALL	462716.7	3773105	9.68E-08 30YrCance	9.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1499 ALL	462720.4	3773096	9.76E-08 30YrCance	9.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500 ALL	462724.2	3773086	9.82E-08 30YrCance	9.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1501 ALL	462727.9	3773077	9.87E-08 30YrCance	9.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1502 ALL	462731.7	3773068	9.91E-08 30YrCance	9.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1503 ALL	462735.4	3773059	9.94E-08 30YrCance	9.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1504 ALL	462739.1	3773049	9.95E-08 30YrCance	9.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1505 ALL	462742.9	3773040	9.95E-08 30YrCance	9.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1506 ALL	462746.6	3773031	9.94E-08 30YrCance	9.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1507 ALL	462750.4	3773022	9.92E-08 30YrCance	9.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1508 ALL	462754.1	3773013	9.89E-08 30YrCance	9.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1509 ALL	462757.8	3773003	9.84E-08 30YrCance	9.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1510 ALL	462770.7	3772990	1.01E-07 30YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1511 ALL	462779.9	3772986	1.04E-07 30YrCance	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1512 ALL	462789.1	3772983	1.06E-07 30YrCance	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1513 ALL	462798.3	3772979	1.09E-07 30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1514 ALL	462807.4	3772975	1.12E-07 30YrCance	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1515 ALL	462816.6	3772971	1.15E-07 30YrCance	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1516 ALL	462825.8	3772967	1.17E-07 30YrCance	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1517 ALL	462835	3772963	1.20E-07 30YrCance	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1518 ALL	462844.1	3772960	1.22E-07 30YrCance	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1519 ALL	462853.3	3772956	1.24E-07 30YrCance	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1520 ALL	462862.5	3772952	1.26E-07 30YrCance	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1521 ALL	462871.7	3772948	1.27E-07 30YrCance	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1522 ALL	462880.8	3772944	1.28E-07 30YrCance	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1523 ALL	462890	3772940	1.29E-07 30YrCance	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1524 ALL	462899.2	3772937	1.30E-07 30YrCance	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1525 ALL	462908.4	3772933	1.30E-07 30YrCance	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1526 ALL	462698	3773151	9.16E-08 30YrCance	9.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1527 ALL	462698.1	3773161	9.20E-08 30YrCance	9.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1528 ALL	462698.2	3773171	9.22E-08 30YrCance	9.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1529 ALL	462698.3	3773181	9.23E-08 30YrCance	9.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1530 ALL	462698.4	3773191	9.23E-08 30YrCance	9.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1531 ALL	462698.5	3773201	9.22E-08 30YrCance	9.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1532 ALL	462698.6	3773211	9.20E-08 30YrCance	9.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1533 ALL	462698.7	3773221	9.16E-08 30YrCance	9.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1534 ALL	462698.7	3773230	9.11E-08 30YrCance	9.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1535	ALL	462698.8	3773240	9.05E-08	30YrCance	9.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1536	ALL	462681.7	3773142	8.46E-08	30YrCance	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1537	ALL	462685.3	3773133	8.56E-08	30YrCance	8.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1538	ALL	462689	3773124	8.65E-08	30YrCance	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1539	ALL	462692.6	3773115	8.74E-08	30YrCance	8.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1540	ALL	462696.3	3773106	8.81E-08	30YrCance	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1541	ALL	462699.9	3773097	8.88E-08	30YrCance	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1542	ALL	462703.6	3773088	8.94E-08	30YrCance	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1543	ALL	462707.2	3773079	8.99E-08	30YrCance	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1544	ALL	462710.9	3773070	9.03E-08	30YrCance	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1545	ALL	462714.5	3773061	9.06E-08	30YrCance	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1546	ALL	462718.2	3773052	9.08E-08	30YrCance	9.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1547	ALL	462721.8	3773043	9.10E-08	30YrCance	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1548	ALL	462725.5	3773034	9.10E-08	30YrCance	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1549	ALL	462729.1	3773025	9.10E-08	30YrCance	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1550	ALL	462732.8	3773016	9.08E-08	30YrCance	9.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1551	ALL	462736.4	3773007	9.06E-08	30YrCance	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1552	ALL	462740.1	3772998	9.03E-08	30YrCance	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1553	ALL	462743.7	3772989	8.99E-08	30YrCance	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1554	ALL	462756.3	3772976	9.18E-08	30YrCance	9.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1555	ALL	462765.3	3772973	9.41E-08	30YrCance	9.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1556	ALL	462774.2	3772969	9.65E-08	30YrCance	9.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557	ALL	462783.2	3772965	9.89E-08	30YrCance	9.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558	ALL	462792.1	3772961	1.01E-07	30YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1559	ALL	462801.1	3772958	1.03E-07	30YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560	ALL	462810	3772954	1.06E-07	30YrCance	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1561	ALL	462819	3772950	1.08E-07	30YrCance	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562	ALL	462827.9	3772946	1.10E-07	30YrCance	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1563	ALL	462836.9	3772943	1.11E-07	30YrCance	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564	ALL	462845.9	3772939	1.13E-07	30YrCance	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1565	ALL	462854.8	3772935	1.14E-07	30YrCance	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1566	ALL	462863.8	3772931	1.16E-07	30YrCance	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1567	ALL	462872.7	3772928	1.17E-07	30YrCance	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1568	ALL	462881.7	3772924	1.17E-07	30YrCance	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1569	ALL	462890.6	3772920	1.18E-07	30YrCance	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1570	ALL	462899.6	3772916	1.18E-07	30YrCance	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1571	ALL	462908.5	3772913	1.18E-07	30YrCance	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1572	ALL	462678	3773151	8.35E-08	30YrCance	8.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1573	ALL	462678.1	3773161	8.38E-08	30YrCance	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1574	ALL	462678.2	3773171	8.40E-08	30YrCance	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1575	ALL	462678.3	3773181	8.41E-08	30YrCance	8.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1576	ALL	462678.4	3773191	8.41E-08	30YrCance	8.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577	ALL	462678.5	3773201	8.40E-08	30YrCance	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1578	ALL	462678.6	3773211	8.38E-08	30YrCance	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1579	ALL	462678.7	3773221	8.35E-08	30YrCance	8.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1580	ALL	462678.7	3773231	8.32E-08	30YrCance	8.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1581	ALL	462678.8	3773241	8.27E-08	30YrCance	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1582	ALL	462661.6	3773142	7.75E-08	30YrCance	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1583	ALL	462665.2	3773134	7.84E-08	30YrCance	7.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1584	ALL	462668.7	3773125	7.92E-08	30YrCance	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1585	ALL	462672.3	3773116	8.00E-08	30YrCance	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1586	ALL	462675.9	3773107	8.07E-08	30YrCance	8.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1587	ALL	462679.5	3773098	8.13E-08	30YrCance	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1588	ALL	462683.1	3773089	8.18E-08	30YrCance	8.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1589	ALL	462686.6	3773081	8.23E-08	30YrCance	8.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1590	ALL	462690.2	3773072	8.27E-08	30YrCance	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1591	ALL	462693.8	3773063	8.31E-08	30YrCance	8.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1592	ALL	462697.4	3773054	8.33E-08	30YrCance	8.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1593	ALL	462700.9	3773045	8.35E-08	30YrCance	8.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1594	ALL	462704.5	3773037	8.37E-08	30YrCance	8.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1595	ALL	462708.1	3773028	8.37E-08	30YrCance	8.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1596	ALL	462711.7	3773019	8.37E-08	30YrCance	8.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1597	ALL	462715.2	3773010	8.36E-08	30YrCance	8.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1598	ALL	462718.8	3773001	8.35E-08	30YrCance	8.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1599	ALL	462722.4	3772992	8.32E-08	30YrCance	8.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600	ALL	462726	3772984	8.29E-08	30YrCance	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1601	ALL	462729.6	3772975	8.26E-08	30YrCance	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1602	ALL	462741.9	3772962	8.41E-08	30YrCance	8.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1603	ALL	462750.7	3772959	8.61E-08	30YrCance	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1604	ALL	462759.5	3772955	8.81E-08	30YrCance	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1605	ALL	462768.2	3772951	9.01E-08	30YrCance	9.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1606	ALL	462777	3772948	9.21E-08	30YrCance	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1607	ALL	462785.8	3772944	9.40E-08	30YrCance	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608	ALL	462794.6	3772940	9.59E-08	30YrCance	9.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1609	ALL	462803.4	3772937	9.76E-08	30YrCance	9.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1610	ALL	462812.1	3772933	9.93E-08	30YrCance	9.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1611	ALL	462820.9	3772929	1.01E-07	30YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1612	ALL	462829.7	3772926	1.02E-07	30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1613	ALL	462838.5	3772922	1.04E-07	30YrCance	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1614	ALL	462847.2	3772918	1.05E-07	30YrCance	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1615	ALL	462856	3772915	1.06E-07	30YrCance	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1616	ALL	462864.8	3772911	1.07E-07	30YrCance	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1617	ALL	462873.6	3772907	1.07E-07	30YrCance	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1618	ALL	462882.4	3772904	1.08E-07	30YrCance	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1619	ALL	462891.1	3772900	1.08E-07	30YrCance	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1620	ALL	462658	3773151	7.66E-08	30YrCance	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1621	ALL	462658.1	3773161	7.69E-08	30YrCance	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1622	ALL	462658.2	3773171	7.71E-08	30YrCance	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1623	ALL	462658.3	3773181	7.72E-08	30YrCance	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1624	ALL	462658.4	3773191	7.71E-08	30YrCance	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1625	ALL	462658.5	3773201	7.70E-08	30YrCance	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1626	ALL	462658.6	3773211	7.68E-08	30YrCance	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1627	ALL	462658.7	3773221	7.67E-08	30YrCance	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1628	ALL	462658.7	3773231	7.64E-08	30YrCance	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1629	ALL	462658.8	3773241	7.60E-08	30YrCance	7.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1630	ALL	462641.7	3773142	7.15E-08	30YrCance	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1631	ALL	462645.4	3773133	7.23E-08	30YrCance	7.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1632	ALL	462649	3773124	7.31E-08	30YrCance	7.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1633	ALL	462652.7	3773115	7.38E-08	30YrCance	7.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1634	ALL	462656.4	3773106	7.44E-08	30YrCance	7.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1635	ALL	462660.1	3773097	7.49E-08	30YrCance	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1636	ALL	462663.8	3773088	7.54E-08	30YrCance	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1637	ALL	462667.4	3773079	7.59E-08	30YrCance	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1638	ALL	462671.1	3773070	7.63E-08	30YrCance	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1639	ALL	462674.8	3773061	7.66E-08	30YrCance	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1640	ALL	462678.5	3773052	7.69E-08	30YrCance	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1641	ALL	462682.1	3773043	7.71E-08	30YrCance	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1642	ALL	462685.8	3773034	7.73E-08	30YrCance	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1643	ALL	462689.5	3773024	7.74E-08	30YrCance	7.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1644	ALL	462693.2	3773015	7.74E-08	30YrCance	7.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1645	ALL	462696.8	3773006	7.74E-08	30YrCance	7.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1646	ALL	462700.5	3772997	7.73E-08	30YrCance	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647	ALL	462704.2	3772988	7.71E-08	30YrCance	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1648	ALL	462707.9	3772979	7.69E-08	30YrCance	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1649	ALL	462711.6	3772970	7.66E-08	30YrCance	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650	ALL	462715.2	3772961	7.63E-08	30YrCance	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1651	ALL	462727.9	3772948	7.77E-08	30YrCance	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1652	ALL	462737	3772944	7.94E-08	30YrCance	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1653	ALL	462746	3772941	8.12E-08	30YrCance	8.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1654	ALL	462755	3772937	8.30E-08	30YrCance	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1655	ALL	462764	3772933	8.47E-08	30YrCance	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1656	ALL	462773	3772929	8.64E-08	30YrCance	8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1657	ALL	462782.1	3772926	8.81E-08	30YrCance	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1658	ALL	462791.1	3772922	8.97E-08	30YrCance	8.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1659	ALL	462800.1	3772918	9.12E-08	30YrCance	9.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1660	ALL	462809.1	3772914	9.26E-08	30YrCance	9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1661	ALL	462818.2	3772910	9.39E-08	30YrCance	9.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1662	ALL	462827.2	3772907	9.51E-08	30YrCance	9.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1663	ALL	462836.2	3772903	9.62E-08	30YrCance	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1664	ALL	462845.2	3772899	9.71E-08	30YrCance	9.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1665	ALL	462638	3773151	7.07E-08	30YrCance	7.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1666	ALL	462638.1	3773161	7.09E-08	30YrCance	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1667	ALL	462638.2	3773171	7.11E-08	30YrCance	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1668	ALL	462638.3	3773181	7.12E-08	30YrCance	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1669	ALL	462638.4	3773191	7.11E-08	30YrCance	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1670	ALL	462638.5	3773201	7.10E-08	30YrCance	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1671	ALL	462638.6	3773211	7.09E-08	30YrCance	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1672	ALL	462638.7	3773221	7.07E-08	30YrCance	7.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1673	ALL	462638.7	3773231	7.05E-08	30YrCance	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1674	ALL	462638.8	3773241	7.02E-08	30YrCance	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1675	ALL	462628.9	3773125	6.76E-08	30YrCance	6.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1676	ALL	462632.5	3773116	6.82E-08	30YrCance	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1677	ALL	462636.1	3773107	6.88E-08	30YrCance	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1678	ALL	462639.7	3773098	6.93E-08	30YrCance	6.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1679	ALL	462643.3	3773089	6.97E-08	30YrCance	6.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1680	ALL	462646.9	3773080	7.02E-08	30YrCance	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1681	ALL	462650.5	3773071	7.06E-08	30YrCance	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1682	ALL	462654.1	3773063	7.09E-08	30YrCance	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1683	ALL	462657.7	3773054	7.12E-08	30YrCance	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1684	ALL	462661.4	3773045	7.14E-08	30YrCance	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1685	ALL	462665	3773036	7.16E-08	30YrCance	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1686	ALL	462668.6	3773027	7.17E-08	30YrCance	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1687	ALL	462672.2	3773018	7.18E-08	30YrCance	7.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1688	ALL	462675.8	3773009	7.19E-08	30YrCance	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1689	ALL	462679.4	3773000	7.19E-08	30YrCance	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1690	ALL	462683	3772991	7.18E-08	30YrCance	7.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1691	ALL	462686.6	3772982	7.17E-08	30YrCance	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1692	ALL	462690.2	3772974	7.15E-08	30YrCance	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1693	ALL	462693.9	3772965	7.13E-08	30YrCance	7.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1694	ALL	462697.5	3772956	7.11E-08	30YrCance	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1695	ALL	462701.1	3772947	7.08E-08	30YrCance	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1696	ALL	462713.5	3772934	7.20E-08	30YrCance	7.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1697	ALL	462722.4	3772930	7.35E-08	30YrCance	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1698	ALL	462731.3	3772927	7.50E-08	30YrCance	7.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1699	ALL	462740.1	3772923	7.65E-08	30YrCance	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700	ALL	462749	3772919	7.80E-08	30YrCance	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1701	ALL	462757.9	3772916	7.95E-08	30YrCance	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1702	ALL	462766.7	3772912	8.09E-08	30YrCance	8.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1703	ALL	462775.6	3772908	8.23E-08	30YrCance	8.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1704	ALL	462784.4	3772905	8.36E-08	30YrCance	8.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1705	ALL	462793.3	3772901	8.49E-08	30YrCance	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1706	ALL	462802.2	3772897	8.61E-08	30YrCance	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1707	ALL	462890.8	3772860	9.20E-08	30YrCance	9.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1708	ALL	462899.7	3772856	9.19E-08	30YrCance	9.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1709	ALL	462908.5	3772853	9.18E-08	30YrCance	9.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1710	ALL	462591.7	3773143	5.95E-08	30YrCance	5.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1711	ALL	462595.4	3773134	6.01E-08	30YrCance	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1712	ALL	462599	3773125	6.07E-08	30YrCance	6.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1713	ALL	462602.7	3773116	6.13E-08	30YrCance	6.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1714	ALL	462606.4	3773107	6.17E-08	30YrCance	6.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1715	ALL	462628.4	3773052	6.39E-08	30YrCance	6.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1716	ALL	462632	3773043	6.42E-08	30YrCance	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1717	ALL	462635.7	3773034	6.44E-08	30YrCance	6.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1718	ALL	462639.4	3773025	6.45E-08	30YrCance	6.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1719	ALL	462643	3773016	6.46E-08	30YrCance	6.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1720	ALL	462646.7	3773007	6.47E-08	30YrCance	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1721	ALL	462650.4	3772998	6.48E-08	30YrCance	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1722	ALL	462654	3772989	6.48E-08	30YrCance	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1723	ALL	462657.7	3772980	6.47E-08	30YrCance	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1724	ALL	462661.4	3772971	6.47E-08	30YrCance	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1725	ALL	462665	3772962	6.45E-08	30YrCance	6.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1726	ALL	462668.7	3772953	6.44E-08	30YrCance	6.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1727	ALL	462672.4	3772944	6.42E-08	30YrCance	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1728	ALL	462676	3772935	6.40E-08	30YrCance	6.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1729	ALL	462679.7	3772926	6.37E-08	30YrCance	6.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1730	ALL	462692.4	3772913	6.47E-08	30YrCance	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1731	ALL	462701.4	3772909	6.60E-08	30YrCance	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1732	ALL	462710.3	3772906	6.73E-08	30YrCance	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1733	ALL	462719.3	3772902	6.86E-08	30YrCance	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1734	ALL	462728.3	3772898	6.98E-08	30YrCance	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1735	ALL	462737.3	3772894	7.11E-08	30YrCance	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1736	ALL	462827.3	3772857	8.08E-08	30YrCance	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1737	ALL	462836.3	3772853	8.13E-08	30YrCance	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1738	ALL	462845.3	3772849	8.18E-08	30YrCance	8.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1739	ALL	462854.3	3772845	8.21E-08	30YrCance	8.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1740	ALL	462863.3	3772841	8.24E-08	30YrCance	8.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1741	ALL	462872.3	3772838	8.26E-08	30YrCance	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1742	ALL	462881.3	3772834	8.27E-08	30YrCance	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1743	ALL	462890.3	3772830	8.27E-08	30YrCance	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1744	ALL	462899.3	3772826	8.26E-08	30YrCance	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1745	ALL	462588	3773152	5.89E-08	30YrCance	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1746	ALL	462588.1	3773162	5.91E-08	30YrCance	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1747	ALL	462588.2	3773172	5.92E-08	30YrCance	5.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1748	ALL	462588.3	3773182	5.92E-08	30YrCance	5.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1749	ALL	462588.4	3773192	5.92E-08	30YrCance	5.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1750	ALL	462588.5	3773202	5.91E-08	30YrCance	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1751	ALL	462588.6	3773212	5.91E-08	30YrCance	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1752	ALL	462588.7	3773222	5.90E-08	30YrCance	5.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1753	ALL	462588.7	3773232	5.88E-08	30YrCance	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1754	ALL	462588.8	3773241	5.86E-08	30YrCance	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1755	ALL	462561.7	3773143	5.39E-08	30YrCance	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1756	ALL	462565.4	3773134	5.44E-08	30YrCance	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1757	ALL	462569.2	3773125	5.49E-08	30YrCance	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1758	ALL	462572.9	3773116	5.54E-08	30YrCance	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1759	ALL	462576.6	3773106	5.58E-08	30YrCance	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1760	ALL	462580.3	3773097	5.62E-08	30YrCance	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1761	ALL	462584	3773088	5.66E-08	30YrCance	5.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1762	ALL	462587.7	3773079	5.70E-08	30YrCance	5.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1763	ALL	462591.4	3773070	5.73E-08	30YrCance	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1764	ALL	462595.2	3773061	5.76E-08	30YrCance	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1765	ALL	462598.9	3773051	5.79E-08	30YrCance	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1766	ALL	462602.6	3773042	5.81E-08	30YrCance	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1767	ALL	462606.3	3773033	5.83E-08	30YrCance	5.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1768	ALL	462628.6	3772978	5.88E-08	30YrCance	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1769	ALL	462632.3	3772969	5.88E-08	30YrCance	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1770	ALL	462636	3772960	5.87E-08	30YrCance	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1771	ALL	462639.7	3772951	5.87E-08	30YrCance	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1772	ALL	462643.4	3772942	5.86E-08	30YrCance	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1773	ALL	462647.2	3772932	5.84E-08	30YrCance	5.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1774	ALL	462650.9	3772923	5.83E-08	30YrCance	5.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1775	ALL	462654.6	3772914	5.81E-08	30YrCance	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1776	ALL	462658.3	3772905	5.78E-08	30YrCance	5.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1777	ALL	462671.1	3772892	5.87E-08	30YrCance	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1778	ALL	462762.3	3772854	6.90E-08	30YrCance	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1779	ALL	462771.4	3772850	6.98E-08	30YrCance	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1780	ALL	462780.5	3772846	7.06E-08	30YrCance	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1781	ALL	462789.6	3772842	7.14E-08	30YrCance	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1782	ALL	462798.8	3772838	7.21E-08	30YrCance	7.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1783	ALL	462807.9	3772835	7.27E-08	30YrCance	7.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1784	ALL	462817	3772831	7.32E-08	30YrCance	7.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1785	ALL	462826.1	3772827	7.37E-08	30YrCance	7.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1786	ALL	462889.9	3772800	7.50E-08	30YrCance	7.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1787	ALL	462899	3772796	7.50E-08	30YrCance	7.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1788	ALL	462908.1	3772793	7.49E-08	30YrCance	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1789	ALL	462558	3773152	5.34E-08	30YrCance	5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1790	ALL	462558.1	3773162	5.35E-08	30YrCance	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1791	ALL	462558.2	3773172	5.36E-08	30YrCance	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1792	ALL	462558.3	3773182	5.36E-08	30YrCance	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1793	ALL	462558.4	3773192	5.36E-08	30YrCance	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1794	ALL	462558.5	3773202	5.36E-08	30YrCance	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1795	ALL	462558.6	3773212	5.35E-08	30YrCance	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1796	ALL	462558.7	3773222	5.34E-08	30YrCance	5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1797	ALL	462558.7	3773232	5.33E-08	30YrCance	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1798	ALL	462558.8	3773242	5.31E-08	30YrCance	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1799	ALL	462531.7	3773143	4.91E-08	30YrCance	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800	ALL	462535.3	3773134	4.96E-08	30YrCance	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1801	ALL	462538.9	3773126	5.00E-08	30YrCance	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1802	ALL	462542.6	3773117	5.04E-08	30YrCance	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1803	ALL	462546.2	3773108	5.08E-08	30YrCance	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1804	ALL	462549.8	3773099	5.11E-08	30YrCance	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1805	ALL	462553.5	3773090	5.15E-08	30YrCance	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1806	ALL	462557.1	3773081	5.18E-08	30YrCance	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1807	ALL	462560.7	3773072	5.21E-08	30YrCance	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1808	ALL	462564.4	3773063	5.23E-08	30YrCance	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1809	ALL	462568	3773054	5.26E-08	30YrCance	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1810	ALL	462571.6	3773045	5.28E-08	30YrCance	5.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1811	ALL	462575.3	3773036	5.30E-08	30YrCance	5.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1812	ALL	462578.9	3773027	5.32E-08	30YrCance	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1813	ALL	462582.5	3773018	5.33E-08	30YrCance	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1814	ALL	462586.2	3773009	5.35E-08	30YrCance	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815	ALL	462589.8	3773000	5.35E-08	30YrCance	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1816	ALL	462593.4	3772991	5.36E-08	30YrCance	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1817	ALL	462597.1	3772982	5.37E-08	30YrCance	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1818	ALL	462600.7	3772973	5.37E-08	30YrCance	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1819	ALL	462604.3	3772964	5.38E-08	30YrCance	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1820	ALL	462622.5	3772919	5.35E-08	30YrCance	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1821	ALL	462626.2	3772910	5.34E-08	30YrCance	5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1822	ALL	462629.8	3772902	5.32E-08	30YrCance	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1823	ALL	462633.4	3772893	5.30E-08	30YrCance	5.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1824	ALL	462694.2	3772852	5.81E-08	30YrCance	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1825	ALL	462703.1	3772848	5.89E-08	30YrCance	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1826	ALL	462712	3772845	5.98E-08	30YrCance	5.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1827	ALL	462721	3772841	6.06E-08	30YrCance	6.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1828	ALL	462729.9	3772837	6.15E-08	30YrCance	6.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1829	ALL	462738.8	3772834	6.22E-08	30YrCance	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1830	ALL	462747.7	3772830	6.30E-08	30YrCance	6.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1831	ALL	462756.6	3772826	6.37E-08	30YrCance	6.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1832	ALL	462765.6	3772822	6.44E-08	30YrCance	6.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1833	ALL	462801.2	3772807	6.66E-08	30YrCance	6.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1834	ALL	462810.2	3772804	6.71E-08	30YrCance	6.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1835	ALL	462819.1	3772800	6.74E-08	30YrCance	6.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1836	ALL	462828	3772796	6.78E-08	30YrCance	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1837	ALL	462836.9	3772792	6.80E-08	30YrCance	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1838	ALL	462845.8	3772789	6.83E-08	30YrCance	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1839	ALL	462854.8	3772785	6.84E-08	30YrCance	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1840	ALL	462863.7	3772781	6.86E-08	30YrCance	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1841	ALL	462890.4	3772770	6.87E-08	30YrCance	6.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1842	ALL	462899.4	3772766	6.86E-08	30YrCance	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1843	ALL	462908.3	3772763	6.86E-08	30YrCance	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1844	ALL	462528	3773152	4.87E-08	30YrCance	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1845	ALL	462528.1	3773162	4.88E-08	30YrCance	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1846	ALL	462528.2	3773172	4.89E-08	30YrCance	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1847	ALL	462528.3	3773182	4.89E-08	30YrCance	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1848	ALL	462528.4	3773192	4.89E-08	30YrCance	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1849	ALL	462528.5	3773202	4.88E-08	30YrCance	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1850	ALL	462528.6	3773212	4.88E-08	30YrCance	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1851	ALL	462528.7	3773222	4.87E-08	30YrCance	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1852	ALL	462528.7	3773232	4.87E-08	30YrCance	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1853	ALL	462528.8	3773242	4.85E-08	30YrCance	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1854	ALL	462501.7	3773144	4.51E-08	30YrCance	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1855	ALL	462505.4	3773135	4.54E-08	30YrCance	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1856	ALL	462527.4	3773080	4.74E-08	30YrCance	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1857	ALL	462531.1	3773071	4.77E-08	30YrCance	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1858	ALL	462534.8	3773062	4.79E-08	30YrCance	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1859	ALL	462538.5	3773053	4.81E-08	30YrCance	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1860	ALL	462542.1	3773044	4.84E-08	30YrCance	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1861	ALL	462545.8	3773035	4.86E-08	30YrCance	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1862	ALL	462549.5	3773026	4.87E-08	30YrCance	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1863	ALL	462553.2	3773017	4.89E-08	30YrCance	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1864	ALL	462556.9	3773008	4.90E-08	30YrCance	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1865	ALL	462560.5	3772999	4.91E-08	30YrCance	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1866	ALL	462564.2	3772990	4.92E-08	30YrCance	4.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1867	ALL	462567.9	3772980	4.93E-08	30YrCance	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1868	ALL	462571.6	3772971	4.94E-08	30YrCance	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1869	ALL	462575.2	3772962	4.94E-08	30YrCance	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1870	ALL	462578.9	3772953	4.94E-08	30YrCance	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1871	ALL	462582.6	3772944	4.94E-08	30YrCance	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1872	ALL	462586.3	3772935	4.94E-08	30YrCance	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1873	ALL	462593.6	3772917	4.93E-08	30YrCance	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1874	ALL	462597.3	3772908	4.92E-08	30YrCance	4.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1875	ALL	462601	3772899	4.91E-08	30YrCance	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1876	ALL	462604.7	3772890	4.90E-08	30YrCance	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1877	ALL	462628.4	3772850	4.92E-08	30YrCance	4.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1878	ALL	462637.4	3772846	5.00E-08	30YrCance	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1879	ALL	462646.4	3772842	5.08E-08	30YrCance	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1880	ALL	462655.5	3772838	5.16E-08	30YrCance	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1881	ALL	462664.5	3772835	5.23E-08	30YrCance	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1882	ALL	462673.5	3772831	5.31E-08	30YrCance	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1883	ALL	462682.5	3772827	5.39E-08	30YrCance	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1884	ALL	462691.5	3772823	5.46E-08	30YrCance	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1885	ALL	462700.6	3772820	5.54E-08	30YrCance	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1886	ALL	462736.7	3772804	5.81E-08	30YrCance	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1887	ALL	462745.7	3772801	5.87E-08	30YrCance	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1888	ALL	462754.7	3772797	5.93E-08	30YrCance	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1889	ALL	462763.7	3772793	5.99E-08	30YrCance	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1890	ALL	462772.8	3772789	6.04E-08	30YrCance	6.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1891	ALL	462799.8	3772778	6.17E-08	30YrCance	6.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1892	ALL	462808.8	3772774	6.20E-08	30YrCance	6.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1893	ALL	462817.9	3772770	6.23E-08	30YrCance	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1894	ALL	462826.9	3772767	6.25E-08	30YrCance	6.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1895	ALL	462835.9	3772763	6.28E-08	30YrCance	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1896	ALL	462844.9	3772759	6.29E-08	30YrCance	6.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1897	ALL	462854	3772755	6.31E-08	30YrCance	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1898	ALL	462863	3772752	6.32E-08	30YrCance	6.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1899	ALL	462890.1	3772740	6.33E-08	30YrCance	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900	ALL	462899.1	3772736	6.33E-08	30YrCance	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1901	ALL	462908.1	3772733	6.32E-08	30YrCance	6.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1902	ALL	462498	3773153	4.47E-08	30YrCance	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1903	ALL	462498.1	3773163	4.47E-08	30YrCance	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1904	ALL	462498.2	3773173	4.48E-08	30YrCance	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1905	ALL	462498.3	3773183	4.48E-08	30YrCance	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1906	ALL	462498.4	3773193	4.48E-08	30YrCance	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1907	ALL	462498.5	3773202	4.48E-08	30YrCance	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1908	ALL	462498.6	3773212	4.47E-08	30YrCance	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1909	ALL	462498.7	3773222	4.47E-08	30YrCance	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1910	ALL	462498.8	3773232	4.46E-08	30YrCance	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1911	ALL	462498.8	3773242	4.45E-08	30YrCance	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1912	ALL	462471.7	3773144	4.15E-08	30YrCance	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1913	ALL	462475.5	3773135	4.19E-08	30YrCance	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1914	ALL	462479.2	3773125	4.22E-08	30YrCance	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1915	ALL	462482.9	3773116	4.25E-08	30YrCance	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1916	ALL	462486.6	3773107	4.28E-08	30YrCance	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1917	ALL	462490.3	3773098	4.31E-08	30YrCance	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1918	ALL	462494	3773089	4.34E-08	30YrCance	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1919	ALL	462497.7	3773080	4.36E-08	30YrCance	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1920	ALL	462505.2	3773061	4.41E-08	30YrCance	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1921	ALL	462523.7	3773016	4.50E-08	30YrCance	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1922	ALL	462527.5	3773006	4.52E-08	30YrCance	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1923	ALL	462531.2	3772997	4.53E-08	30YrCance	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1924	ALL	462534.9	3772988	4.54E-08	30YrCance	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1925	ALL	462538.6	3772979	4.55E-08	30YrCance	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1926	ALL	462542.3	3772970	4.56E-08	30YrCance	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1927	ALL	462546	3772961	4.56E-08	30YrCance	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1928	ALL	462549.7	3772951	4.56E-08	30YrCance	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1929	ALL	462553.5	3772942	4.57E-08	30YrCance	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1930	ALL	462557.2	3772933	4.57E-08	30YrCance	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1931	ALL	462564.6	3772915	4.56E-08	30YrCance	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1932	ALL	462568.3	3772906	4.56E-08	30YrCance	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1933	ALL	462572	3772897	4.55E-08	30YrCance	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1934	ALL	462575.7	3772887	4.55E-08	30YrCance	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1935	ALL	462594.3	3772842	4.49E-08	30YrCance	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1936	ALL	462661.8	3772806	4.96E-08	30YrCance	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1937	ALL	462670.9	3772802	5.02E-08	30YrCance	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1938	ALL	462680.1	3772798	5.09E-08	30YrCance	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1939	ALL	462689.2	3772794	5.15E-08	30YrCance	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1940	ALL	462716.5	3772783	5.33E-08	30YrCance	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1941	ALL	462725.6	3772779	5.39E-08	30YrCance	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1942	ALL	462734.8	3772775	5.44E-08	30YrCance	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1943	ALL	462743.9	3772771	5.49E-08	30YrCance	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1944	ALL	462753	3772768	5.54E-08	30YrCance	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1945	ALL	462762.1	3772764	5.59E-08	30YrCance	5.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1946	ALL	462771.2	3772760	5.63E-08	30YrCance	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1947	ALL	462780.3	3772756	5.66E-08	30YrCance	5.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1948	ALL	462798.6	3772748	5.73E-08	30YrCance	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1949	ALL	462807.7	3772745	5.76E-08	30YrCance	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1950	ALL	462816.8	3772741	5.78E-08	30YrCance	5.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1951	ALL	462825.9	3772737	5.80E-08	30YrCance	5.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1952	ALL	462835	3772733	5.82E-08	30YrCance	5.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1953	ALL	462844.1	3772729	5.83E-08	30YrCance	5.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1954	ALL	462853.3	3772726	5.85E-08	30YrCance	5.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1955	ALL	462862.4	3772722	5.85E-08	30YrCance	5.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1956	ALL	462889.7	3772710	5.87E-08	30YrCance	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1957	ALL	462468	3773153	4.12E-08	30YrCance	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1958	ALL	462468.1	3773163	4.12E-08	30YrCance	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1959	ALL	462468.2	3773173	4.12E-08	30YrCance	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1960	ALL	462468.3	3773183	4.12E-08	30YrCance	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1961	ALL	462468.4	3773193	4.13E-08	30YrCance	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1962	ALL	462468.5	3773203	4.13E-08	30YrCance	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1963	ALL	462468.6	3773213	4.12E-08	30YrCance	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1964	ALL	462468.7	3773223	4.11E-08	30YrCance	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1965	ALL	462468.8	3773233	4.10E-08	30YrCance	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1966	ALL	462468.8	3773243	4.10E-08	30YrCance	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1967	ALL	462441.7	3773144	3.85E-08	30YrCance	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1968	ALL	462445.3	3773135	3.87E-08	30YrCance	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1969	ALL	462449	3773126	3.90E-08	30YrCance	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1970	ALL	462452.6	3773117	3.93E-08	30YrCance	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1971	ALL	462456.3	3773108	3.96E-08	30YrCance	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1972	ALL	462459.9	3773099	3.98E-08	30YrCance	3.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1973	ALL	462463.6	3773090	4.01E-08	30YrCance	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1974	ALL	462467.2	3773081	4.03E-08	30YrCance	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1975	ALL	462478.2	3773054	4.09E-08	30YrCance	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1976	ALL	462481.8	3773045	4.11E-08	30YrCance	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1977	ALL	462485.5	3773036	4.13E-08	30YrCance	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1978	ALL	462489.1	3773027	4.15E-08	30YrCance	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1979	ALL	462492.8	3773018	4.16E-08	30YrCance	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1980	ALL	462496.4	3773009	4.17E-08	30YrCance	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1981	ALL	462500.1	3773000	4.19E-08	30YrCance	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1982	ALL	462503.7	3772991	4.20E-08	30YrCance	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1983	ALL	462525.6	3772937	4.23E-08	30YrCance	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1984	ALL	462536.6	3772910	4.24E-08	30YrCance	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1985	ALL	462540.2	3772901	4.24E-08	30YrCance	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1986	ALL	462543.9	3772892	4.23E-08	30YrCance	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1987	ALL	462565.7	3772838	4.19E-08	30YrCance	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1988	ALL	462569.4	3772829	4.18E-08	30YrCance	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1989	ALL	462573	3772820	4.16E-08	30YrCance	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1990	ALL	462585.6	3772808	4.21E-08	30YrCance	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1991	ALL	462594.6	3772804	4.27E-08	30YrCance	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1992	ALL	462630.4	3772789	4.51E-08	30YrCance	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1993	ALL	462639.4	3772785	4.57E-08	30YrCance	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1994	ALL	462648.3	3772781	4.63E-08	30YrCance	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1995	ALL	462657.3	3772778	4.68E-08	30YrCance	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1996	ALL	462666.2	3772774	4.74E-08	30YrCance	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1997	ALL	462675.2	3772770	4.80E-08	30YrCance	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1998	ALL	462684.2	3772766	4.85E-08	30YrCance	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1999	ALL	462693.1	3772763	4.90E-08	30YrCance	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000	ALL	462720	3772751	5.05E-08	30YrCance	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2001	ALL	462728.9	3772748	5.09E-08	30YrCance	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2002	ALL	462737.9	3772744	5.13E-08	30YrCance	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2003	ALL	462746.8	3772740	5.17E-08	30YrCance	5.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2004	ALL	462755.8	3772736	5.21E-08	30YrCance	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2005	ALL	462764.8	3772733	5.24E-08	30YrCance	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2006	ALL	462773.7	3772729	5.28E-08	30YrCance	5.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2007	ALL	462800.6	3772718	5.36E-08	30YrCance	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2008	ALL	462809.5	3772714	5.38E-08	30YrCance	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2009	ALL	462818.5	3772710	5.40E-08	30YrCance	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2010	ALL	462827.4	3772706	5.41E-08	30YrCance	5.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2011	ALL	462863.3	3772691	5.45E-08	30YrCance	5.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2012	ALL	462872.2	3772688	5.46E-08	30YrCance	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2013	ALL	462881.2	3772684	5.47E-08	30YrCance	5.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2014	ALL	462890.1	3772680	5.47E-08	30YrCance	5.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2015 ALL	462899.1	3772676	5.47E-08 30YrCance	5.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2016 ALL	462908	3772673	5.47E-08 30YrCance	5.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2017 ALL	462438	3773153	3.81E-08 30YrCance	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2018 ALL	462438.1	3773163	3.82E-08 30YrCance	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2019 ALL	462438.2	3773173	3.82E-08 30YrCance	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2020 ALL	462438.3	3773183	3.82E-08 30YrCance	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2021 ALL	462438.4	3773193	3.82E-08 30YrCance	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2022 ALL	462438.5	3773203	3.82E-08 30YrCance	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2023 ALL	462438.6	3773213	3.82E-08 30YrCance	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2024 ALL	462438.7	3773223	3.81E-08 30YrCance	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2025 ALL	462438.8	3773233	3.80E-08 30YrCance	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2026 ALL	462438.8	3773243	3.79E-08 30YrCance	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2027 ALL	462422.8	3773117	3.65E-08 30YrCance	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2028 ALL	462426.4	3773108	3.67E-08 30YrCance	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2029 ALL	462430.1	3773099	3.70E-08 30YrCance	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2030 ALL	462433.8	3773090	3.72E-08 30YrCance	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2031 ALL	462437.5	3773081	3.74E-08 30YrCance	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2032 ALL	462448.5	3773054	3.80E-08 30YrCance	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2033 ALL	462452.2	3773045	3.82E-08 30YrCance	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2034 ALL	462455.9	3773035	3.84E-08 30YrCance	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2035 ALL	462459.6	3773026	3.85E-08 30YrCance	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2036 ALL	462463.3	3773017	3.87E-08 30YrCance	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2037 ALL	462467	3773008	3.88E-08 30YrCance	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2038 ALL	462470.6	3772999	3.89E-08 30YrCance	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2039 ALL	462474.3	3772990	3.90E-08 30YrCance	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2040 ALL	462478	3772981	3.91E-08 30YrCance	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2041 ALL	462481.7	3772972	3.92E-08 30YrCance	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2042 ALL	462485.4	3772963	3.93E-08 30YrCance	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2043 ALL	462489.1	3772954	3.93E-08 30YrCance	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2044 ALL	462492.7	3772945	3.94E-08 30YrCance	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2045 ALL	462496.4	3772936	3.94E-08 30YrCance	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2046 ALL	462503.8	3772917	3.95E-08 30YrCance	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2047 ALL	462507.5	3772908	3.95E-08 30YrCance	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2048 ALL	462511.2	3772899	3.95E-08 30YrCance	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2049 ALL	462514.8	3772890	3.95E-08 30YrCance	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2050 ALL	462536.9	3772836	3.92E-08 30YrCance	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2051 ALL	462540.6	3772827	3.91E-08 30YrCance	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2052 ALL	462544.3	3772817	3.90E-08 30YrCance	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2053 ALL	462548	3772808	3.89E-08 30YrCance	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2054 ALL	462551.7	3772799	3.88E-08 30YrCance	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2055 ALL	462564.4	3772786	3.92E-08 30YrCance	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2056 ALL	462573.4	3772783	3.97E-08 30YrCance	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2057 ALL	462582.5	3772779	4.03E-08 30YrCance	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2058 ALL	462591.5	3772775	4.08E-08 30YrCance	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2059 ALL	462627.7	3772760	4.29E-08 30YrCance	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2060 ALL	462636.7	3772756	4.34E-08 30YrCance	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2061 ALL	462645.8	3772752	4.39E-08 30YrCance	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2062 ALL	462654.8	3772749	4.44E-08 30YrCance	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2063	ALL	462663.8	3772745	4.49E-08	30YrCance	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2064	ALL	462672.9	3772741	4.54E-08	30YrCance	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2065	ALL	462681.9	3772737	4.59E-08	30YrCance	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2066	ALL	462691	3772733	4.63E-08	30YrCance	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2067	ALL	462718.1	3772722	4.76E-08	30YrCance	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2068	ALL	462727.1	3772718	4.79E-08	30YrCance	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2069	ALL	462736.2	3772715	4.83E-08	30YrCance	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2070	ALL	462745.2	3772711	4.86E-08	30YrCance	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2071	ALL	462754.2	3772707	4.89E-08	30YrCance	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2072	ALL	462799.4	3772688	5.01E-08	30YrCance	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2073	ALL	462808.5	3772684	5.03E-08	30YrCance	5.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2074	ALL	462817.5	3772680	5.05E-08	30YrCance	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2075	ALL	462826.5	3772677	5.06E-08	30YrCance	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2076	ALL	462835.6	3772673	5.08E-08	30YrCance	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2077	ALL	462844.6	3772669	5.09E-08	30YrCance	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2078	ALL	462853.7	3772665	5.10E-08	30YrCance	5.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2079	ALL	462862.7	3772662	5.10E-08	30YrCance	5.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2080	ALL	462871.7	3772658	5.11E-08	30YrCance	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2081	ALL	462880.8	3772654	5.12E-08	30YrCance	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2082	ALL	462889.8	3772650	5.12E-08	30YrCance	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2083	ALL	462898.9	3772646	5.13E-08	30YrCance	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2084	ALL	462907.9	3772643	5.13E-08	30YrCance	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2085	ALL	462381.7	3773145	3.34E-08	30YrCance	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2086	ALL	462385.5	3773135	3.36E-08	30YrCance	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2087	ALL	462389.2	3773126	3.38E-08	30YrCance	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2088	ALL	462392.9	3773117	3.40E-08	30YrCance	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2089	ALL	462396.6	3773108	3.43E-08	30YrCance	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2090	ALL	462400.3	3773099	3.45E-08	30YrCance	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2091	ALL	462404	3773090	3.47E-08	30YrCance	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2092	ALL	462407.7	3773081	3.49E-08	30YrCance	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2093	ALL	462422.6	3773044	3.56E-08	30YrCance	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2094	ALL	462426.3	3773035	3.58E-08	30YrCance	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2095	ALL	462430	3773026	3.59E-08	30YrCance	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2096	ALL	462433.7	3773016	3.60E-08	30YrCance	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2097	ALL	462437.5	3773007	3.62E-08	30YrCance	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2098	ALL	462441.2	3772998	3.63E-08	30YrCance	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2099	ALL	462444.9	3772989	3.64E-08	30YrCance	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100	ALL	462448.6	3772980	3.65E-08	30YrCance	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2101	ALL	462452.3	3772971	3.65E-08	30YrCance	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2102	ALL	462456	3772961	3.66E-08	30YrCance	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2103	ALL	462459.7	3772952	3.67E-08	30YrCance	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2104	ALL	462463.5	3772943	3.68E-08	30YrCance	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2105	ALL	462467.2	3772934	3.68E-08	30YrCance	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2106	ALL	462474.6	3772916	3.69E-08	30YrCance	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2107	ALL	462478.3	3772907	3.69E-08	30YrCance	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2108	ALL	462482	3772897	3.69E-08	30YrCance	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2109	ALL	462485.7	3772888	3.69E-08	30YrCance	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2110	ALL	462508	3772833	3.67E-08	30YrCance	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2111 ALL	462511.7	3772824	3.67E-08 30YrCance	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2112 ALL	462515.5	3772815	3.66E-08 30YrCance	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2113 ALL	462519.2	3772806	3.65E-08 30YrCance	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2114 ALL	462522.9	3772797	3.64E-08 30YrCance	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2115 ALL	462526.6	3772787	3.63E-08 30YrCance	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2116 ALL	462530.3	3772778	3.62E-08 30YrCance	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2117 ALL	462543.1	3772765	3.66E-08 30YrCance	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2118 ALL	462552.3	3772762	3.71E-08 30YrCance	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2119 ALL	462561.4	3772758	3.76E-08 30YrCance	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2120 ALL	462570.5	3772754	3.81E-08 30YrCance	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2121 ALL	462579.6	3772750	3.86E-08 30YrCance	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2122 ALL	462588.7	3772746	3.90E-08 30YrCance	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2123 ALL	462597.8	3772742	3.95E-08 30YrCance	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2124 ALL	462634.3	3772727	4.14E-08 30YrCance	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2125 ALL	462643.4	3772723	4.18E-08 30YrCance	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2126 ALL	462652.5	3772720	4.22E-08 30YrCance	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2127 ALL	462661.6	3772716	4.27E-08 30YrCance	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2128 ALL	462670.8	3772712	4.31E-08 30YrCance	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2129 ALL	462679.9	3772708	4.35E-08 30YrCance	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2130 ALL	462725.5	3772689	4.52E-08 30YrCance	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2131 ALL	462734.6	3772685	4.55E-08 30YrCance	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2132 ALL	462743.7	3772681	4.58E-08 30YrCance	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2133 ALL	462752.8	3772678	4.61E-08 30YrCance	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2134 ALL	462761.9	3772674	4.63E-08 30YrCance	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2135 ALL	462771	3772670	4.65E-08 30YrCance	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2136 ALL	462780.1	3772666	4.68E-08 30YrCance	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2137 ALL	462789.3	3772662	4.70E-08 30YrCance	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2138 ALL	462798.4	3772658	4.71E-08 30YrCance	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2139 ALL	462807.5	3772655	4.73E-08 30YrCance	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2140 ALL	462816.6	3772651	4.74E-08 30YrCance	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2141 ALL	462825.7	3772647	4.76E-08 30YrCance	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2142 ALL	462834.8	3772643	4.77E-08 30YrCance	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2143 ALL	462844	3772639	4.78E-08 30YrCance	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2144 ALL	462853.1	3772636	4.79E-08 30YrCance	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2145 ALL	462862.2	3772632	4.80E-08 30YrCance	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2146 ALL	462871.3	3772628	4.80E-08 30YrCance	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2147 ALL	462880.4	3772624	4.81E-08 30YrCance	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2148 ALL	462889.5	3772620	4.82E-08 30YrCance	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2149 ALL	462898.6	3772616	4.82E-08 30YrCance	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2150 ALL	462907.8	3772613	4.83E-08 30YrCance	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2151 ALL	462378	3773154	3.31E-08 30YrCance	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2152 ALL	462378.1	3773164	3.31E-08 30YrCance	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2153 ALL	462378.2	3773174	3.31E-08 30YrCance	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2154 ALL	462378.3	3773184	3.31E-08 30YrCance	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2155 ALL	462378.4	3773194	3.32E-08 30YrCance	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2156 ALL	462378.5	3773204	3.32E-08 30YrCance	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2157 ALL	462378.6	3773214	3.31E-08 30YrCance	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2158 ALL	462378.7	3773223	3.30E-08 30YrCance	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2159	ALL	462378.8	3773233	3.30E-08	30YrCance	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2160	ALL	462378.8	3773243	3.29E-08	30YrCance	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2161	ALL	462351.7	3773145	3.12E-08	30YrCance	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2162	ALL	462355.3	3773136	3.14E-08	30YrCance	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2163	ALL	462359	3773127	3.16E-08	30YrCance	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2164	ALL	462362.7	3773118	3.18E-08	30YrCance	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2165	ALL	462366.3	3773109	3.20E-08	30YrCance	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2166	ALL	462370	3773100	3.22E-08	30YrCance	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2167	ALL	462373.6	3773091	3.24E-08	30YrCance	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2168	ALL	462377.3	3773082	3.26E-08	30YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2169	ALL	462381	3773073	3.28E-08	30YrCance	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2170	ALL	462388.3	3773055	3.31E-08	30YrCance	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2171	ALL	462391.9	3773046	3.32E-08	30YrCance	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2172	ALL	462395.6	3773037	3.34E-08	30YrCance	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2173	ALL	462399.3	3773028	3.35E-08	30YrCance	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2174	ALL	462402.9	3773019	3.36E-08	30YrCance	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2175	ALL	462424.9	3772965	3.42E-08	30YrCance	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2176	ALL	462428.5	3772956	3.43E-08	30YrCance	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2177	ALL	462432.2	3772947	3.44E-08	30YrCance	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2178	ALL	462435.9	3772938	3.44E-08	30YrCance	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2179	ALL	462446.8	3772910	3.46E-08	30YrCance	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2180	ALL	462450.5	3772901	3.46E-08	30YrCance	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2181	ALL	462454.1	3772892	3.46E-08	30YrCance	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2182	ALL	462457.8	3772883	3.46E-08	30YrCance	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2183	ALL	462479.8	3772829	3.45E-08	30YrCance	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2184	ALL	462483.4	3772820	3.45E-08	30YrCance	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2185	ALL	462487.1	3772811	3.44E-08	30YrCance	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2186	ALL	462490.7	3772802	3.44E-08	30YrCance	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2187	ALL	462494.4	3772793	3.43E-08	30YrCance	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2188	ALL	462498.1	3772784	3.42E-08	30YrCance	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2189	ALL	462501.7	3772775	3.42E-08	30YrCance	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2190	ALL	462505.4	3772766	3.41E-08	30YrCance	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2191	ALL	462509	3772757	3.40E-08	30YrCance	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2192	ALL	462521.7	3772744	3.43E-08	30YrCance	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2193	ALL	462530.7	3772741	3.47E-08	30YrCance	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2194	ALL	462539.6	3772737	3.52E-08	30YrCance	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2195	ALL	462548.6	3772733	3.56E-08	30YrCance	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2196	ALL	462557.6	3772729	3.60E-08	30YrCance	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2197	ALL	462566.6	3772726	3.64E-08	30YrCance	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2198	ALL	462575.6	3772722	3.69E-08	30YrCance	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2199	ALL	462584.5	3772718	3.73E-08	30YrCance	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200	ALL	462593.5	3772714	3.77E-08	30YrCance	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2201	ALL	462656.4	3772688	4.04E-08	30YrCance	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2202	ALL	462665.4	3772684	4.08E-08	30YrCance	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2203	ALL	462674.3	3772680	4.11E-08	30YrCance	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2204	ALL	462683.3	3772677	4.14E-08	30YrCance	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2205	ALL	462692.3	3772673	4.18E-08	30YrCance	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2206	ALL	462701.3	3772669	4.21E-08	30YrCance	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2207	ALL	462710.3	3772665	4.24E-08	30YrCance	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2208	ALL	462719.2	3772662	4.26E-08	30YrCance	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2209	ALL	462728.2	3772658	4.29E-08	30YrCance	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2210	ALL	462737.2	3772654	4.31E-08	30YrCance	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2211	ALL	462746.2	3772650	4.34E-08	30YrCance	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2212	ALL	462755.2	3772647	4.36E-08	30YrCance	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2213	ALL	462764.1	3772643	4.38E-08	30YrCance	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2214	ALL	462773.1	3772639	4.40E-08	30YrCance	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2215	ALL	462782.1	3772635	4.42E-08	30YrCance	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2216	ALL	462791.1	3772631	4.43E-08	30YrCance	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2217	ALL	462800.1	3772628	4.45E-08	30YrCance	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2218	ALL	462809.1	3772624	4.46E-08	30YrCance	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2219	ALL	462818	3772620	4.47E-08	30YrCance	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2220	ALL	462827	3772616	4.48E-08	30YrCance	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2221	ALL	462836	3772613	4.49E-08	30YrCance	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2222	ALL	462845	3772609	4.50E-08	30YrCance	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2223	ALL	462854	3772605	4.51E-08	30YrCance	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2224	ALL	462862.9	3772601	4.52E-08	30YrCance	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2225	ALL	462871.9	3772598	4.53E-08	30YrCance	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2226	ALL	462880.9	3772594	4.54E-08	30YrCance	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2227	ALL	462889.9	3772590	4.55E-08	30YrCance	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2228	ALL	462898.9	3772586	4.55E-08	30YrCance	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2229	ALL	462907.8	3772583	4.56E-08	30YrCance	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2230	ALL	462348	3773154	3.10E-08	30YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2231	ALL	462348.1	3773164	3.10E-08	30YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2232	ALL	462348.2	3773174	3.10E-08	30YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2233	ALL	462348.3	3773184	3.10E-08	30YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2234	ALL	462348.4	3773194	3.10E-08	30YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2235	ALL	462348.5	3773204	3.10E-08	30YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2236	ALL	462348.6	3773214	3.10E-08	30YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2237	ALL	462348.7	3773224	3.09E-08	30YrCance	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2238	ALL	462348.8	3773234	3.09E-08	30YrCance	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2239	ALL	462348.8	3773244	3.08E-08	30YrCance	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2240	ALL	462325.4	3773136	2.95E-08	30YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2241	ALL	462329.1	3773127	2.97E-08	30YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2242	ALL	462332.8	3773118	2.99E-08	30YrCance	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2243	ALL	462336.5	3773109	3.00E-08	30YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2244	ALL	462340.2	3773100	3.02E-08	30YrCance	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2245	ALL	462343.8	3773091	3.04E-08	30YrCance	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2246	ALL	462347.5	3773082	3.05E-08	30YrCance	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2247	ALL	462351.2	3773072	3.07E-08	30YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2248	ALL	462358.6	3773054	3.10E-08	30YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2249	ALL	462362.3	3773045	3.12E-08	30YrCance	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2250	ALL	462366	3773036	3.13E-08	30YrCance	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2251	ALL	462369.7	3773027	3.14E-08	30YrCance	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2252	ALL	462373.3	3773018	3.15E-08	30YrCance	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2253	ALL	462377	3773009	3.17E-08	30YrCance	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2254	ALL	462380.7	3773000	3.18E-08	30YrCance	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2255	ALL	462384.4	3772991	3.19E-08	30YrCance	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2256	ALL	462388.1	3772982	3.20E-08	30YrCance	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2257	ALL	462391.8	3772972	3.20E-08	30YrCance	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2258	ALL	462395.5	3772963	3.21E-08	30YrCance	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2259	ALL	462399.2	3772954	3.22E-08	30YrCance	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2260	ALL	462402.9	3772945	3.23E-08	30YrCance	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2261	ALL	462413.9	3772918	3.24E-08	30YrCance	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2262	ALL	462417.6	3772909	3.25E-08	30YrCance	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2263	ALL	462421.3	3772900	3.25E-08	30YrCance	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2264	ALL	462425	3772891	3.25E-08	30YrCance	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2265	ALL	462447.1	3772836	3.25E-08	30YrCance	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2266	ALL	462450.8	3772827	3.25E-08	30YrCance	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2267	ALL	462454.5	3772818	3.25E-08	30YrCance	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2268	ALL	462458.2	3772809	3.25E-08	30YrCance	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2269	ALL	462461.9	3772800	3.24E-08	30YrCance	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2270	ALL	462465.5	3772791	3.24E-08	30YrCance	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2271	ALL	462469.2	3772782	3.23E-08	30YrCance	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2272	ALL	462472.9	3772772	3.23E-08	30YrCance	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2273	ALL	462476.6	3772763	3.22E-08	30YrCance	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2274	ALL	462480.3	3772754	3.21E-08	30YrCance	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2275	ALL	462484	3772745	3.20E-08	30YrCance	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2276	ALL	462487.7	3772736	3.20E-08	30YrCance	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2277	ALL	462500.4	3772723	3.23E-08	30YrCance	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2278	ALL	462509.5	3772719	3.26E-08	30YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2279	ALL	462518.5	3772716	3.30E-08	30YrCance	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2280	ALL	462527.6	3772712	3.34E-08	30YrCance	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2281	ALL	462536.6	3772708	3.38E-08	30YrCance	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2282	ALL	462545.7	3772704	3.42E-08	30YrCance	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2283	ALL	462554.7	3772700	3.46E-08	30YrCance	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2284	ALL	462563.8	3772697	3.50E-08	30YrCance	3.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2285	ALL	462572.8	3772693	3.54E-08	30YrCance	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2286	ALL	462581.9	3772689	3.57E-08	30YrCance	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2287	ALL	462590.9	3772685	3.61E-08	30YrCance	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2288	ALL	462627.1	3772670	3.75E-08	30YrCance	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2289	ALL	462636.2	3772666	3.78E-08	30YrCance	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2290	ALL	462645.2	3772663	3.82E-08	30YrCance	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2291	ALL	462654.3	3772659	3.85E-08	30YrCance	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2292	ALL	462663.3	3772655	3.88E-08	30YrCance	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2293	ALL	462672.4	3772651	3.91E-08	30YrCance	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2294	ALL	462681.4	3772647	3.94E-08	30YrCance	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2295	ALL	462690.5	3772644	3.97E-08	30YrCance	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2296	ALL	462699.5	3772640	3.99E-08	30YrCance	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2297	ALL	462708.6	3772636	4.02E-08	30YrCance	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2298	ALL	462717.6	3772632	4.04E-08	30YrCance	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2299	ALL	462726.7	3772628	4.06E-08	30YrCance	4.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300	ALL	462735.7	3772625	4.08E-08	30YrCance	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2301	ALL	462744.8	3772621	4.11E-08	30YrCance	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2302	ALL	462753.8	3772617	4.12E-08	30YrCance	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2303	ALL	462762.9	3772613	4.14E-08	30YrCance	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2304	ALL	462771.9	3772609	4.16E-08	30YrCance	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2305	ALL	462781	3772606	4.17E-08	30YrCance	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2306	ALL	462790	3772602	4.19E-08	30YrCance	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2307	ALL	462799.1	3772598	4.20E-08	30YrCance	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2308	ALL	462808.1	3772594	4.22E-08	30YrCance	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2309	ALL	462817.2	3772591	4.23E-08	30YrCance	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2310	ALL	462826.2	3772587	4.24E-08	30YrCance	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2311	ALL	462835.3	3772583	4.25E-08	30YrCance	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2312	ALL	462844.3	3772579	4.26E-08	30YrCance	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2313	ALL	462853.4	3772575	4.27E-08	30YrCance	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2314	ALL	462862.4	3772572	4.28E-08	30YrCance	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2315	ALL	462871.5	3772568	4.28E-08	30YrCance	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2316	ALL	462880.5	3772564	4.29E-08	30YrCance	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2317	ALL	462889.6	3772560	4.30E-08	30YrCance	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2318	ALL	462898.7	3772556	4.31E-08	30YrCance	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2319	ALL	462907.7	3772553	4.32E-08	30YrCance	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2320	ALL	462281.7	3773146	2.70E-08	30YrCance	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2321	ALL	462285.4	3773136	2.72E-08	30YrCance	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2322	ALL	462289.1	3773127	2.74E-08	30YrCance	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2323	ALL	462292.8	3773118	2.75E-08	30YrCance	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2324	ALL	462296.5	3773109	2.77E-08	30YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2325	ALL	462300.2	3773100	2.79E-08	30YrCance	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2326	ALL	462303.9	3773091	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2327	ALL	462322.4	3773045	2.87E-08	30YrCance	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2328	ALL	462326.1	3773036	2.88E-08	30YrCance	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2329	ALL	462329.8	3773027	2.89E-08	30YrCance	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2330	ALL	462333.5	3773018	2.91E-08	30YrCance	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2331	ALL	462337.2	3773009	2.92E-08	30YrCance	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2332	ALL	462340.9	3773000	2.93E-08	30YrCance	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2333	ALL	462344.6	3772991	2.94E-08	30YrCance	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2334	ALL	462348.3	3772981	2.95E-08	30YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2335	ALL	462352	3772972	2.95E-08	30YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2336	ALL	462355.7	3772963	2.96E-08	30YrCance	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2337	ALL	462359.4	3772954	2.97E-08	30YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2338	ALL	462363.1	3772945	2.98E-08	30YrCance	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2339	ALL	462366.8	3772936	2.98E-08	30YrCance	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2340	ALL	462374.2	3772918	2.99E-08	30YrCance	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2341	ALL	462377.9	3772909	3.00E-08	30YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2342	ALL	462381.6	3772899	3.00E-08	30YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2343	ALL	462385.3	3772890	3.01E-08	30YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2344	ALL	462389	3772881	3.01E-08	30YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2345	ALL	462411.2	3772826	3.01E-08	30YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2346	ALL	462414.9	3772817	3.01E-08	30YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2347	ALL	462418.5	3772808	3.01E-08	30YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2348	ALL	462422.2	3772799	3.01E-08	30YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2349	ALL	462425.9	3772790	3.01E-08	30YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2350	ALL	462429.6	3772781	3.00E-08	30YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2351	ALL	462433.3	3772772	3.00E-08	30YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2352	ALL	462437	3772763	2.99E-08	30YrCance	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2353	ALL	462440.7	3772754	2.99E-08	30YrCance	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2354	ALL	462444.4	3772744	2.98E-08	30YrCance	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2355	ALL	462448.1	3772735	2.98E-08	30YrCance	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2356	ALL	462451.8	3772726	2.97E-08	30YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2357	ALL	462455.5	3772717	2.96E-08	30YrCance	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2358	ALL	462459.2	3772708	2.96E-08	30YrCance	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2359	ALL	462472	3772695	2.98E-08	30YrCance	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2360	ALL	462481.1	3772691	3.02E-08	30YrCance	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2361	ALL	462490.1	3772687	3.05E-08	30YrCance	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2362	ALL	462499.2	3772684	3.08E-08	30YrCance	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2363	ALL	462508.3	3772680	3.12E-08	30YrCance	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2364	ALL	462517.4	3772676	3.15E-08	30YrCance	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2365	ALL	462526.4	3772672	3.19E-08	30YrCance	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2366	ALL	462535.5	3772668	3.22E-08	30YrCance	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2367	ALL	462544.6	3772665	3.25E-08	30YrCance	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2368	ALL	462553.7	3772661	3.29E-08	30YrCance	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2369	ALL	462562.7	3772657	3.32E-08	30YrCance	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2370	ALL	462571.8	3772653	3.35E-08	30YrCance	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2371	ALL	462580.9	3772649	3.38E-08	30YrCance	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2372	ALL	462590	3772646	3.42E-08	30YrCance	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2373	ALL	462599	3772642	3.45E-08	30YrCance	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2374	ALL	462626.3	3772630	3.54E-08	30YrCance	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2375	ALL	462635.3	3772627	3.56E-08	30YrCance	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2376	ALL	462644.4	3772623	3.59E-08	30YrCance	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2377	ALL	462653.5	3772619	3.62E-08	30YrCance	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2378	ALL	462662.6	3772615	3.64E-08	30YrCance	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2379	ALL	462671.6	3772611	3.67E-08	30YrCance	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2380	ALL	462680.7	3772608	3.69E-08	30YrCance	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2381	ALL	462689.8	3772604	3.71E-08	30YrCance	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2382	ALL	462698.9	3772600	3.74E-08	30YrCance	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2383	ALL	462707.9	3772596	3.76E-08	30YrCance	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2384	ALL	462717	3772592	3.78E-08	30YrCance	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2385	ALL	462726.1	3772589	3.80E-08	30YrCance	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2386	ALL	462735.2	3772585	3.81E-08	30YrCance	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2387	ALL	462744.2	3772581	3.83E-08	30YrCance	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2388	ALL	462753.3	3772577	3.85E-08	30YrCance	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2389	ALL	462762.4	3772573	3.86E-08	30YrCance	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2390	ALL	462771.5	3772570	3.88E-08	30YrCance	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2391	ALL	462780.5	3772566	3.89E-08	30YrCance	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2392	ALL	462789.6	3772562	3.90E-08	30YrCance	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2393	ALL	462798.7	3772558	3.91E-08	30YrCance	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2394	ALL	462807.8	3772554	3.93E-08	30YrCance	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2395	ALL	462816.8	3772551	3.94E-08	30YrCance	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2396	ALL	462825.9	3772547	3.95E-08	30YrCance	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2397	ALL	462835	3772543	3.96E-08	30YrCance	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2398	ALL	462844.1	3772539	3.97E-08	30YrCance	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2399	ALL	462853.1	3772535	3.98E-08	30YrCance	3.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400	ALL	462862.2	3772532	3.99E-08	30YrCance	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2401	ALL	462871.3	3772528	3.99E-08	30YrCance	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2402	ALL	462880.4	3772524	4.00E-08	30YrCance	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2403	ALL	462889.4	3772520	4.01E-08	30YrCance	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404	ALL	462898.5	3772516	4.02E-08	30YrCance	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2405	ALL	462907.6	3772513	4.03E-08	30YrCance	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2406	ALL	462278	3773155	2.68E-08	30YrCance	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2407	ALL	462278.1	3773165	2.69E-08	30YrCance	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2408	ALL	462278.2	3773175	2.69E-08	30YrCance	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2409	ALL	462278.3	3773185	2.69E-08	30YrCance	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2410	ALL	462278.4	3773195	2.68E-08	30YrCance	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2411	ALL	462278.5	3773204	2.68E-08	30YrCance	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2412	ALL	462278.6	3773214	2.68E-08	30YrCance	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2413	ALL	462278.7	3773224	2.68E-08	30YrCance	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2414	ALL	462278.8	3773234	2.68E-08	30YrCance	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2415	ALL	462278.9	3773244	2.67E-08	30YrCance	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2416	ALL	462241.7	3773146	2.50E-08	30YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2417	ALL	462245.4	3773137	2.52E-08	30YrCance	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2418	ALL	462249.2	3773128	2.54E-08	30YrCance	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2419	ALL	462252.9	3773119	2.55E-08	30YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2420	ALL	462256.6	3773109	2.57E-08	30YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2421	ALL	462260.3	3773100	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2422	ALL	462264	3773091	2.59E-08	30YrCance	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2423	ALL	462267.7	3773082	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2424	ALL	462271.4	3773073	2.62E-08	30YrCance	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2425	ALL	462275.1	3773064	2.63E-08	30YrCance	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2426	ALL	462278.8	3773055	2.65E-08	30YrCance	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2427	ALL	462282.5	3773045	2.66E-08	30YrCance	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2428	ALL	462286.2	3773036	2.67E-08	30YrCance	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2429	ALL	462289.9	3773027	2.68E-08	30YrCance	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2430	ALL	462293.6	3773018	2.69E-08	30YrCance	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2431	ALL	462297.3	3773009	2.70E-08	30YrCance	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2432	ALL	462301	3773000	2.71E-08	30YrCance	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2433	ALL	462304.8	3772991	2.72E-08	30YrCance	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2434	ALL	462323.3	3772945	2.76E-08	30YrCance	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2435	ALL	462327	3772936	2.76E-08	30YrCance	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2436	ALL	462334.4	3772917	2.77E-08	30YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2437	ALL	462338.1	3772908	2.78E-08	30YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2438	ALL	462341.8	3772899	2.78E-08	30YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2439	ALL	462345.5	3772890	2.79E-08	30YrCance	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2440	ALL	462349.2	3772881	2.79E-08	30YrCance	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2441	ALL	462371.5	3772826	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2442	ALL	462375.2	3772817	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2443	ALL	462378.9	3772808	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2444	ALL	462382.6	3772799	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2445	ALL	462386.3	3772790	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2446	ALL	462390	3772780	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2447	ALL	462393.7	3772771	2.79E-08	30YrCance	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2448	ALL	462397.4	3772762	2.79E-08	30YrCance	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2449	ALL	462401.1	3772753	2.79E-08	30YrCance	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2450	ALL	462404.8	3772744	2.78E-08	30YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2451	ALL	462408.5	3772735	2.78E-08	30YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2452	ALL	462412.2	3772726	2.78E-08	30YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2453	ALL	462415.9	3772716	2.77E-08	30YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2454	ALL	462419.7	3772707	2.76E-08	30YrCance	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2455	ALL	462423.4	3772698	2.76E-08	30YrCance	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2456	ALL	462427.1	3772689	2.75E-08	30YrCance	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2457	ALL	462430.8	3772680	2.75E-08	30YrCance	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2458	ALL	462443.6	3772667	2.77E-08	30YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2459	ALL	462452.7	3772663	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2460	ALL	462461.8	3772659	2.83E-08	30YrCance	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2461	ALL	462470.9	3772655	2.86E-08	30YrCance	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2462	ALL	462480	3772652	2.89E-08	30YrCance	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2463	ALL	462489.1	3772648	2.92E-08	30YrCance	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2464	ALL	462498.2	3772644	2.95E-08	30YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2465	ALL	462507.3	3772640	2.98E-08	30YrCance	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2466	ALL	462516.3	3772636	3.01E-08	30YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2467	ALL	462525.4	3772633	3.04E-08	30YrCance	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2468	ALL	462534.5	3772629	3.07E-08	30YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2469	ALL	462543.6	3772625	3.10E-08	30YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2470	ALL	462552.7	3772621	3.13E-08	30YrCance	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2471	ALL	462561.8	3772617	3.15E-08	30YrCance	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2472	ALL	462570.9	3772614	3.18E-08	30YrCance	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2473	ALL	462580	3772610	3.21E-08	30YrCance	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2474	ALL	462589.1	3772606	3.24E-08	30YrCance	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2475	ALL	462598.2	3772602	3.26E-08	30YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2476	ALL	462625.5	3772591	3.34E-08	30YrCance	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2477	ALL	462634.6	3772587	3.36E-08	30YrCance	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2478	ALL	462643.7	3772583	3.38E-08	30YrCance	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2479	ALL	462652.8	3772579	3.41E-08	30YrCance	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2480	ALL	462661.9	3772575	3.43E-08	30YrCance	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2481	ALL	462671	3772572	3.45E-08	30YrCance	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2482	ALL	462680.1	3772568	3.47E-08	30YrCance	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2483	ALL	462689.2	3772564	3.49E-08	30YrCance	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2484	ALL	462698.3	3772560	3.50E-08	30YrCance	3.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2485	ALL	462707.4	3772556	3.52E-08	30YrCance	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2486	ALL	462716.5	3772553	3.54E-08	30YrCance	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2487	ALL	462725.6	3772549	3.56E-08	30YrCance	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2488	ALL	462734.7	3772545	3.57E-08	30YrCance	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2489	ALL	462743.8	3772541	3.59E-08	30YrCance	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2490	ALL	462752.9	3772537	3.60E-08	30YrCance	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2491	ALL	462761.9	3772534	3.61E-08	30YrCance	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2492	ALL	462771	3772530	3.63E-08	30YrCance	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2493	ALL	462780.1	3772526	3.64E-08	30YrCance	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2494	ALL	462789.2	3772522	3.65E-08	30YrCance	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2495	ALL	462798.3	3772518	3.66E-08	30YrCance	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2496	ALL	462807.4	3772515	3.67E-08	30YrCance	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2497	ALL	462816.5	3772511	3.68E-08	30YrCance	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2498	ALL	462825.6	3772507	3.69E-08	30YrCance	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2499	ALL	462834.7	3772503	3.70E-08	30YrCance	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2500	ALL	462843.8	3772499	3.71E-08	30YrCance	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2501	ALL	462852.9	3772496	3.72E-08	30YrCance	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2502	ALL	462862	3772492	3.73E-08	30YrCance	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2503	ALL	462871.1	3772488	3.74E-08	30YrCance	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2504	ALL	462880.2	3772484	3.75E-08	30YrCance	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2505	ALL	462889.3	3772480	3.76E-08	30YrCance	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2506	ALL	462898.4	3772476	3.77E-08	30YrCance	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2507	ALL	462238	3773155	2.49E-08	30YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2508	ALL	462238.1	3773165	2.49E-08	30YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2509	ALL	462238.2	3773175	2.49E-08	30YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2510	ALL	462238.3	3773185	2.49E-08	30YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2511	ALL	462238.4	3773195	2.49E-08	30YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2512	ALL	462238.5	3773205	2.48E-08	30YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2513	ALL	462238.6	3773215	2.48E-08	30YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2514	ALL	462238.7	3773225	2.48E-08	30YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2515	ALL	462238.8	3773235	2.48E-08	30YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2516	ALL	462238.9	3773245	2.48E-08	30YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2517	ALL	462201.7	3773146	2.33E-08	30YrCance	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2518	ALL	462224	3773091	2.41E-08	30YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2519	ALL	462227.7	3773082	2.42E-08	30YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2520	ALL	462231.5	3773073	2.43E-08	30YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2521	ALL	462235.2	3773064	2.45E-08	30YrCance	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2522	ALL	462238.9	3773055	2.46E-08	30YrCance	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2523	ALL	462242.6	3773046	2.47E-08	30YrCance	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2524	ALL	462246.3	3773036	2.48E-08	30YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2525	ALL	462250	3773027	2.49E-08	30YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2526	ALL	462253.8	3773018	2.50E-08	30YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2527	ALL	462257.5	3773009	2.51E-08	30YrCance	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2528	ALL	462261.2	3773000	2.52E-08	30YrCance	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2529	ALL	462264.9	3772991	2.52E-08	30YrCance	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2530	ALL	462268.6	3772981	2.53E-08	30YrCance	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2531	ALL	462272.3	3772972	2.54E-08	30YrCance	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2532	ALL	462276	3772963	2.55E-08	30YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2533	ALL	462279.8	3772954	2.55E-08	30YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2534	ALL	462283.5	3772945	2.56E-08	30YrCance	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2535	ALL	462287.2	3772936	2.57E-08	30YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2536	ALL	462294.6	3772917	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2537	ALL	462298.3	3772908	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2538	ALL	462302	3772899	2.59E-08	30YrCance	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2539	ALL	462305.8	3772890	2.59E-08	30YrCance	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2540	ALL	462309.5	3772881	2.59E-08	30YrCance	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2541	ALL	462331.8	3772826	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2542	ALL	462335.5	3772817	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2543	ALL	462339.2	3772807	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2544	ALL	462342.9	3772798	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2545	ALL	462346.6	3772789	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2546	ALL	462350.3	3772780	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2547	ALL	462354	3772771	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2548	ALL	462357.8	3772762	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2549	ALL	462361.5	3772752	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2550	ALL	462365.2	3772743	2.60E-08	30YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2551	ALL	462368.9	3772734	2.60E-08	30YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2552	ALL	462372.6	3772725	2.60E-08	30YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2553	ALL	462376.3	3772716	2.59E-08	30YrCance	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2554	ALL	462380	3772707	2.59E-08	30YrCance	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2555	ALL	462383.8	3772698	2.59E-08	30YrCance	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2556	ALL	462387.5	3772688	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2557	ALL	462391.2	3772679	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2558	ALL	462394.9	3772670	2.57E-08	30YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2559	ALL	462398.6	3772661	2.57E-08	30YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2560	ALL	462402.3	3772652	2.56E-08	30YrCance	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2561	ALL	462415.2	3772639	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2562	ALL	462424.3	3772635	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2563	ALL	462433.4	3772631	2.63E-08	30YrCance	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2564	ALL	462479	3772612	2.77E-08	30YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2565	ALL	462488.1	3772608	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2566	ALL	462497.2	3772604	2.82E-08	30YrCance	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2567	ALL	462506.3	3772601	2.85E-08	30YrCance	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2568	ALL	462515.4	3772597	2.87E-08	30YrCance	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2569	ALL	462524.5	3772593	2.90E-08	30YrCance	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2570	ALL	462533.7	3772589	2.92E-08	30YrCance	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2571	ALL	462542.8	3772585	2.95E-08	30YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2572	ALL	462551.9	3772582	2.97E-08	30YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2573	ALL	462561	3772578	3.00E-08	30YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2574	ALL	462570.1	3772574	3.02E-08	30YrCance	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2575	ALL	462579.2	3772570	3.04E-08	30YrCance	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2576	ALL	462588.3	3772566	3.07E-08	30YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577	ALL	462597.5	3772562	3.09E-08	30YrCance	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2578	ALL	462633.9	3772547	3.17E-08	30YrCance	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2579	ALL	462643	3772543	3.19E-08	30YrCance	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2580	ALL	462652.2	3772540	3.21E-08	30YrCance	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2581	ALL	462661.3	3772536	3.23E-08	30YrCance	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2582	ALL	462670.4	3772532	3.25E-08	30YrCance	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2583	ALL	462679.5	3772528	3.26E-08	30YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2584	ALL	462688.6	3772524	3.28E-08	30YrCance	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2585	ALL	462697.7	3772520	3.30E-08	30YrCance	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2586	ALL	462706.8	3772517	3.31E-08	30YrCance	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2587	ALL	462716	3772513	3.33E-08	30YrCance	3.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2588	ALL	462725.1	3772509	3.34E-08	30YrCance	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2589	ALL	462734.2	3772505	3.35E-08	30YrCance	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2590	ALL	462743.3	3772501	3.37E-08	30YrCance	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2591	ALL	462752.4	3772498	3.38E-08	30YrCance	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2592	ALL	462761.5	3772494	3.39E-08	30YrCance	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2593	ALL	462770.7	3772490	3.40E-08	30YrCance	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2594	ALL	462779.8	3772486	3.41E-08	30YrCance	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2595	ALL	462788.9	3772482	3.42E-08	30YrCance	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2596	ALL	462798	3772478	3.43E-08	30YrCance	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2597	ALL	462807.1	3772475	3.44E-08	30YrCance	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2598	ALL	462880	3772444	3.52E-08	30YrCance	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2599	ALL	462889.2	3772440	3.53E-08	30YrCance	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600	ALL	462898.3	3772436	3.54E-08	30YrCance	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2601	ALL	462907.4	3772433	3.55E-08	30YrCance	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2602	ALL	462198	3773155	2.31E-08	30YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2603	ALL	462198.1	3773165	2.31E-08	30YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2604	ALL	462198.2	3773175	2.31E-08	30YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2605	ALL	462198.3	3773185	2.31E-08	30YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2606	ALL	462198.4	3773195	2.31E-08	30YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2607	ALL	462198.5	3773205	2.31E-08	30YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2608	ALL	462161.8	3773147	2.18E-08	30YrCance	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2609	ALL	462165.5	3773137	2.19E-08	30YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2610	ALL	462169.2	3773128	2.20E-08	30YrCance	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2611	ALL	462180.4	3773101	2.23E-08	30YrCance	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2612	ALL	462184.1	3773092	2.25E-08	30YrCance	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2613	ALL	462187.8	3773082	2.26E-08	30YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2614	ALL	462191.5	3773073	2.27E-08	30YrCance	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2615	ALL	462195.3	3773064	2.28E-08	30YrCance	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2616	ALL	462199	3773055	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2617	ALL	462221.3	3773000	2.34E-08	30YrCance	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2618	ALL	462225	3772991	2.35E-08	30YrCance	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2619	ALL	462228.7	3772981	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2620	ALL	462232.5	3772972	2.37E-08	30YrCance	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2621	ALL	462236.2	3772963	2.38E-08	30YrCance	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2622	ALL	462239.9	3772954	2.38E-08	30YrCance	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2623	ALL	462243.6	3772945	2.39E-08	30YrCance	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2624	ALL	462247.3	3772936	2.39E-08	30YrCance	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2625	ALL	462254.8	3772917	2.41E-08	30YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2626	ALL	462258.5	3772908	2.41E-08	30YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2627	ALL	462262.2	3772899	2.42E-08	30YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2628	ALL	462266	3772890	2.42E-08	30YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2629	ALL	462269.7	3772881	2.42E-08	30YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2630	ALL	462292	3772825	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2631	ALL	462295.7	3772816	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2632	ALL	462299.4	3772807	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2633	ALL	462303.2	3772798	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2634	ALL	462306.9	3772789	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2635	ALL	462310.6	3772780	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2636	ALL	462314.3	3772770	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2637	ALL	462318.1	3772761	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2638	ALL	462321.8	3772752	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2639	ALL	462325.5	3772743	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2640	ALL	462329.2	3772734	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2641	ALL	462332.9	3772725	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2642	ALL	462336.7	3772715	2.43E-08	30YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2643	ALL	462340.4	3772706	2.43E-08	30YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2644	ALL	462344.1	3772697	2.43E-08	30YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2645	ALL	462347.8	3772688	2.43E-08	30YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2646	ALL	462351.5	3772679	2.42E-08	30YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2647	ALL	462355.3	3772670	2.42E-08	30YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2648	ALL	462359	3772660	2.42E-08	30YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2649	ALL	462362.7	3772651	2.41E-08	30YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2650	ALL	462366.4	3772642	2.41E-08	30YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2651	ALL	462370.2	3772633	2.40E-08	30YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2652	ALL	462373.9	3772624	2.40E-08	30YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2653	ALL	462405	3772603	2.46E-08	30YrCance	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2654	ALL	462414.1	3772599	2.49E-08	30YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2655	ALL	462423.3	3772595	2.51E-08	30YrCance	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2656	ALL	462432.4	3772592	2.53E-08	30YrCance	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2657	ALL	462441.5	3772588	2.56E-08	30YrCance	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2658	ALL	462450.7	3772584	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2659	ALL	462478.1	3772572	2.65E-08	30YrCance	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2660	ALL	462487.2	3772569	2.67E-08	30YrCance	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2661	ALL	462496.3	3772565	2.70E-08	30YrCance	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2662	ALL	462505.5	3772561	2.72E-08	30YrCance	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2663	ALL	462514.6	3772557	2.74E-08	30YrCance	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2664	ALL	462523.7	3772553	2.77E-08	30YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2665	ALL	462532.8	3772549	2.79E-08	30YrCance	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2666	ALL	462542	3772546	2.81E-08	30YrCance	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2667	ALL	462551.1	3772542	2.83E-08	30YrCance	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2668	ALL	462560.2	3772538	2.85E-08	30YrCance	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2669	ALL	462569.4	3772534	2.87E-08	30YrCance	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2670	ALL	462578.5	3772530	2.89E-08	30YrCance	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2671	ALL	462587.6	3772527	2.91E-08	30YrCance	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2672	ALL	462596.8	3772523	2.93E-08	30YrCance	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2673	ALL	462605.9	3772519	2.95E-08	30YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2674	ALL	462633.3	3772507	3.00E-08	30YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2675	ALL	462642.4	3772504	3.02E-08	30YrCance	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2676	ALL	462651.6	3772500	3.03E-08	30YrCance	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2677	ALL	462660.7	3772496	3.05E-08	30YrCance	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2678	ALL	462669.8	3772492	3.07E-08	30YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2679	ALL	462679	3772488	3.08E-08	30YrCance	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2680	ALL	462688.1	3772484	3.09E-08	30YrCance	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2681	ALL	462697.2	3772481	3.11E-08	30YrCance	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2682	ALL	462706.4	3772477	3.12E-08	30YrCance	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2683	ALL	462715.5	3772473	3.13E-08	30YrCance	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2684	ALL	462724.6	3772469	3.14E-08	30YrCance	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2685	ALL	462788.6	3772442	3.22E-08	30YrCance	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2686	ALL	462797.7	3772439	3.23E-08	30YrCance	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2687	ALL	462806.8	3772435	3.24E-08	30YrCance	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2688	ALL	462816	3772431	3.25E-08	30YrCance	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2689	ALL	462825.1	3772427	3.26E-08	30YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2690	ALL	462834.2	3772423	3.26E-08	30YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2691	ALL	462843.4	3772419	3.27E-08	30YrCance	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2692	ALL	462852.5	3772416	3.28E-08	30YrCance	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2693	ALL	462861.6	3772412	3.29E-08	30YrCance	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2694	ALL	462870.8	3772408	3.30E-08	30YrCance	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2695	ALL	462879.9	3772404	3.31E-08	30YrCance	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2696	ALL	462889	3772400	3.32E-08	30YrCance	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2697	ALL	462898.2	3772396	3.33E-08	30YrCance	3.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2698	ALL	462907.3	3772393	3.34E-08	30YrCance	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2699	ALL	462158	3773156	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2700	ALL	462158.1	3773166	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2701	ALL	462158.2	3773176	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2702	ALL	462158.3	3773186	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2703	ALL	462158.4	3773196	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2704	ALL	462158.5	3773206	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2705	ALL	462158.6	3773216	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2706	ALL	462121.8	3773147	2.04E-08	30YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2707	ALL	462125.5	3773138	2.05E-08	30YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2708	ALL	462129.2	3773129	2.06E-08	30YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2709	ALL	462140.4	3773101	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2710	ALL	462144.1	3773092	2.10E-08	30YrCance	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2711	ALL	462147.9	3773083	2.11E-08	30YrCance	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2712	ALL	462151.6	3773073	2.12E-08	30YrCance	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2713	ALL	462155.3	3773064	2.13E-08	30YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2714	ALL	462159	3773055	2.14E-08	30YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2715	ALL	462162.8	3773046	2.15E-08	30YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2716	ALL	462166.5	3773037	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2717	ALL	462170.2	3773027	2.17E-08	30YrCance	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2718	ALL	462174	3773018	2.18E-08	30YrCance	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2719	ALL	462177.7	3773009	2.18E-08	30YrCance	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2720	ALL	462181.4	3773000	2.19E-08	30YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2721	ALL	462185.1	3772991	2.20E-08	30YrCance	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2722	ALL	462188.9	3772982	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2723	ALL	462192.6	3772972	2.22E-08	30YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2724	ALL	462196.3	3772963	2.22E-08	30YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2725	ALL	462200	3772954	2.23E-08	30YrCance	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2726	ALL	462226.1	3772890	2.26E-08	30YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2727	ALL	462229.9	3772880	2.27E-08	30YrCance	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2728	ALL	462252.2	3772825	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2729	ALL	462256	3772816	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2730	ALL	462259.7	3772807	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2731	ALL	462263.4	3772798	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2732	ALL	462267.1	3772789	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2733	ALL	462270.9	3772779	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2734	ALL	462274.6	3772770	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2735	ALL	462278.3	3772761	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2736	ALL	462282.1	3772752	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2737	ALL	462285.8	3772743	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2738	ALL	462289.5	3772733	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2739	ALL	462293.2	3772724	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2740	ALL	462297	3772715	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2741	ALL	462300.7	3772706	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2742	ALL	462304.4	3772697	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2743	ALL	462308.1	3772687	2.28E-08	30YrCance	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2744	ALL	462311.9	3772678	2.28E-08	30YrCance	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2745	ALL	462315.6	3772669	2.28E-08	30YrCance	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2746	ALL	462319.3	3772660	2.28E-08	30YrCance	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2747	ALL	462323.1	3772651	2.27E-08	30YrCance	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2748	ALL	462326.8	3772641	2.27E-08	30YrCance	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2749	ALL	462330.5	3772632	2.26E-08	30YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2750	ALL	462334.2	3772623	2.26E-08	30YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2751	ALL	462345.4	3772596	2.25E-08	30YrCance	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2752	ALL	462358.3	3772583	2.26E-08	30YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2753	ALL	462367.4	3772579	2.28E-08	30YrCance	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2754	ALL	462376.6	3772575	2.31E-08	30YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2755	ALL	462385.7	3772571	2.33E-08	30YrCance	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2756	ALL	462394.9	3772567	2.35E-08	30YrCance	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2757	ALL	462404	3772563	2.37E-08	30YrCance	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2758	ALL	462413.2	3772560	2.39E-08	30YrCance	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2759	ALL	462422.3	3772556	2.41E-08	30YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2760	ALL	462431.5	3772552	2.43E-08	30YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2761	ALL	462440.6	3772548	2.46E-08	30YrCance	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2762	ALL	462449.8	3772544	2.48E-08	30YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2763	ALL	462477.2	3772533	2.54E-08	30YrCance	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2764	ALL	462486.4	3772529	2.56E-08	30YrCance	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2765	ALL	462495.5	3772525	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2766	ALL	462504.7	3772521	2.60E-08	30YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2767	ALL	462513.8	3772517	2.62E-08	30YrCance	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2768	ALL	462523	3772514	2.64E-08	30YrCance	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2769	ALL	462532.1	3772510	2.66E-08	30YrCance	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2770	ALL	462541.3	3772506	2.68E-08	30YrCance	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2771	ALL	462550.4	3772502	2.70E-08	30YrCance	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2772	ALL	462559.6	3772498	2.71E-08	30YrCance	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2773	ALL	462568.7	3772494	2.73E-08	30YrCance	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2774	ALL	462577.9	3772491	2.75E-08	30YrCance	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2775	ALL	462587	3772487	2.77E-08	30YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2776	ALL	462596.2	3772483	2.78E-08	30YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2777	ALL	462605.3	3772479	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2778	ALL	462632.7	3772468	2.84E-08	30YrCance	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2779	ALL	462696.8	3772441	2.93E-08	30YrCance	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2780	ALL	462705.9	3772437	2.95E-08	30YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2781	ALL	462715.1	3772433	2.96E-08	30YrCance	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2782	ALL	462724.2	3772429	2.97E-08	30YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2783	ALL	462733.4	3772425	2.98E-08	30YrCance	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2784	ALL	462742.5	3772422	2.99E-08	30YrCance	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2785	ALL	462751.7	3772418	3.00E-08	30YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2786	ALL	462760.8	3772414	3.01E-08	30YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2787	ALL	462770	3772410	3.02E-08	30YrCance	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2788	ALL	462779.1	3772406	3.02E-08	30YrCance	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2789	ALL	462788.3	3772402	3.03E-08	30YrCance	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2790	ALL	462797.4	3772399	3.04E-08	30YrCance	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2791	ALL	462806.6	3772395	3.05E-08	30YrCance	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2792	ALL	462815.7	3772391	3.06E-08	30YrCance	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2793	ALL	462824.9	3772387	3.07E-08	30YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2794	ALL	462834	3772383	3.08E-08	30YrCance	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2795	ALL	462843.1	3772379	3.08E-08	30YrCance	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2796	ALL	462852.3	3772376	3.09E-08	30YrCance	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2797	ALL	462861.4	3772372	3.10E-08	30YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2798	ALL	462870.6	3772368	3.11E-08	30YrCance	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2799	ALL	462879.7	3772364	3.12E-08	30YrCance	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2800	ALL	462888.9	3772360	3.13E-08	30YrCance	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2801	ALL	462898	3772357	3.14E-08	30YrCance	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2802	ALL	462907.2	3772353	3.15E-08	30YrCance	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2803	ALL	462118	3773156	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2804	ALL	462118.1	3773166	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2805	ALL	462118.2	3773176	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2806	ALL	462118.3	3773186	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2807	ALL	462118.4	3773196	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2808	ALL	462118.5	3773206	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2809	ALL	462118.6	3773216	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2810	ALL	462118.7	3773226	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2811	ALL	462118.8	3773236	2.01E-08	30YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2812	ALL	462118.9	3773246	2.01E-08	30YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2813	ALL	462081.8	3773147	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2814	ALL	462085.5	3773138	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2815	ALL	462089.2	3773129	1.93E-08	30YrCance	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2816	ALL	462100.4	3773101	1.96E-08	30YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2817	ALL	462104.2	3773092	1.97E-08	30YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2818	ALL	462107.9	3773083	1.98E-08	30YrCance	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2819	ALL	462111.6	3773074	1.99E-08	30YrCance	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2820	ALL	462115.4	3773064	2.00E-08	30YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2821	ALL	462119.1	3773055	2.01E-08	30YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2822	ALL	462122.8	3773046	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2823	ALL	462126.6	3773037	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2824	ALL	462130.3	3773028	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2825	ALL	462137.8	3773009	2.05E-08	30YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2826	ALL	462141.5	3773000	2.06E-08	30YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2827	ALL	462145.2	3772991	2.06E-08	30YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2828	ALL	462149	3772982	2.07E-08	30YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2829	ALL	462152.7	3772972	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2830	ALL	462156.4	3772963	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2831	ALL	462160.2	3772954	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2832	ALL	462163.9	3772945	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2833	ALL	462167.6	3772936	2.10E-08	30YrCance	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2834	ALL	462178.8	3772908	2.12E-08	30YrCance	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2835	ALL	462182.6	3772899	2.12E-08	30YrCance	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2836	ALL	462186.3	3772890	2.13E-08	30YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2837	ALL	462190	3772880	2.13E-08	30YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2838	ALL	462246	3772742	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2839	ALL	462249.8	3772733	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2840	ALL	462253.5	3772724	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2841	ALL	462257.2	3772715	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2842	ALL	462261	3772705	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2843	ALL	462264.7	3772696	2.15E-08	30YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2844	ALL	462268.4	3772687	2.15E-08	30YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2845	ALL	462272.2	3772678	2.15E-08	30YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2846	ALL	462275.9	3772669	2.15E-08	30YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2847	ALL	462279.6	3772659	2.15E-08	30YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2848	ALL	462283.4	3772650	2.14E-08	30YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2849	ALL	462287.1	3772641	2.14E-08	30YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2850	ALL	462290.8	3772632	2.14E-08	30YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2851	ALL	462294.6	3772623	2.14E-08	30YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2852	ALL	462305.8	3772595	2.13E-08	30YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2853	ALL	462309.5	3772586	2.12E-08	30YrCance	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2854	ALL	462313.2	3772577	2.12E-08	30YrCance	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2855	ALL	462317	3772567	2.11E-08	30YrCance	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2856	ALL	462329.9	3772554	2.13E-08	30YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2857	ALL	462339	3772551	2.15E-08	30YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2858	ALL	462348.2	3772547	2.17E-08	30YrCance	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2859	ALL	462357.4	3772543	2.19E-08	30YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2860	ALL	462366.5	3772539	2.20E-08	30YrCance	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2861	ALL	462375.7	3772535	2.22E-08	30YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2862	ALL	462384.8	3772531	2.24E-08	30YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2863	ALL	462394	3772528	2.26E-08	30YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2864	ALL	462403.2	3772524	2.28E-08	30YrCance	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2865	ALL	462412.3	3772520	2.30E-08	30YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2866	ALL	462421.5	3772516	2.32E-08	30YrCance	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2867	ALL	462430.7	3772512	2.34E-08	30YrCance	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2868	ALL	462439.8	3772508	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2869	ALL	462449	3772505	2.38E-08	30YrCance	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2870	ALL	462476.5	3772493	2.43E-08	30YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2871	ALL	462485.6	3772489	2.45E-08	30YrCance	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2872	ALL	462494.8	3772485	2.47E-08	30YrCance	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2873	ALL	462504	3772481	2.49E-08	30YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2874	ALL	462513.1	3772478	2.50E-08	30YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2875	ALL	462522.3	3772474	2.52E-08	30YrCance	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2876	ALL	462595.6	3772443	2.64E-08	30YrCance	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2877	ALL	462604.7	3772439	2.66E-08	30YrCance	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2878	ALL	462632.2	3772428	2.70E-08	30YrCance	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2879	ALL	462641.4	3772424	2.71E-08	30YrCance	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2880	ALL	462650.5	3772420	2.72E-08	30YrCance	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2881	ALL	462659.7	3772416	2.73E-08	30YrCance	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2882	ALL	462668.9	3772412	2.74E-08	30YrCance	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2883	ALL	462678	3772409	2.75E-08	30YrCance	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2884	ALL	462687.2	3772405	2.77E-08	30YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2885	ALL	462696.4	3772401	2.78E-08	30YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2886	ALL	462705.5	3772397	2.79E-08	30YrCance	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2887	ALL	462714.7	3772393	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2888	ALL	462723.8	3772389	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2889	ALL	462733	3772386	2.81E-08	30YrCance	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2890	ALL	462742.2	3772382	2.82E-08	30YrCance	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2891	ALL	462751.3	3772378	2.83E-08	30YrCance	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2892	ALL	462760.5	3772374	2.84E-08	30YrCance	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2893	ALL	462769.7	3772370	2.85E-08	30YrCance	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2894	ALL	462778.8	3772366	2.86E-08	30YrCance	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2895	ALL	462788	3772363	2.86E-08	30YrCance	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2896	ALL	462797.1	3772359	2.87E-08	30YrCance	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2897	ALL	462806.3	3772355	2.88E-08	30YrCance	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2898	ALL	462815.5	3772351	2.89E-08	30YrCance	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2899	ALL	462824.6	3772347	2.90E-08	30YrCance	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2900	ALL	462833.8	3772343	2.90E-08	30YrCance	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2901	ALL	462843	3772340	2.91E-08	30YrCance	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2902	ALL	462852.1	3772336	2.92E-08	30YrCance	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2903	ALL	462861.3	3772332	2.93E-08	30YrCance	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2904	ALL	462870.4	3772328	2.94E-08	30YrCance	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2905	ALL	462879.6	3772324	2.95E-08	30YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2906	ALL	462888.8	3772320	2.95E-08	30YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2907	ALL	462897.9	3772317	2.96E-08	30YrCance	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2908	ALL	462907.1	3772313	2.97E-08	30YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2909	ALL	462078	3773157	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2910	ALL	462078.1	3773166	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2911	ALL	462078.2	3773176	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2912	ALL	462078.3	3773186	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2913	ALL	462078.4	3773196	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2914	ALL	462078.5	3773206	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2915	ALL	462078.6	3773216	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2916	ALL	462078.7	3773226	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2917	ALL	462078.8	3773236	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2918	ALL	462078.9	3773246	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2919	ALL	462041.8	3773148	1.80E-08	30YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2920	ALL	462045.5	3773138	1.81E-08	30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2921	ALL	462049.3	3773129	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2922	ALL	462056.7	3773111	1.84E-08	30YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2923	ALL	462060.5	3773102	1.85E-08	30YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2924	ALL	462064.2	3773092	1.86E-08	30YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2925	ALL	462068	3773083	1.87E-08	30YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2926	ALL	462071.7	3773074	1.87E-08	30YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2927	ALL	462075.4	3773065	1.88E-08	30YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2928	ALL	462079.2	3773055	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2929	ALL	462082.9	3773046	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2930	ALL	462086.6	3773037	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2931	ALL	462090.4	3773028	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2932	ALL	462097.9	3773009	1.93E-08	30YrCance	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2933	ALL	462101.6	3773000	1.93E-08	30YrCance	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2934	ALL	462105.3	3772991	1.94E-08	30YrCance	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2935	ALL	462109.1	3772982	1.95E-08	30YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2936	ALL	462112.8	3772973	1.95E-08	30YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2937	ALL	462116.6	3772963	1.96E-08	30YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2938	ALL	462120.3	3772954	1.97E-08	30YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2939	ALL	462124	3772945	1.97E-08	30YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2940	ALL	462127.8	3772936	1.97E-08	30YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2941	ALL	462139	3772908	1.99E-08	30YrCance	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2942	ALL	462142.7	3772899	2.00E-08	30YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2943	ALL	462146.5	3772890	2.00E-08	30YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2944	ALL	462150.2	3772880	2.00E-08	30YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2945	ALL	462168.9	3772834	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2946	ALL	462172.6	3772825	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2947	ALL	462176.4	3772816	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2948	ALL	462180.1	3772807	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2949	ALL	462183.8	3772797	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2950	ALL	462187.6	3772788	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2951	ALL	462191.3	3772779	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2952	ALL	462195.1	3772770	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2953	ALL	462198.8	3772761	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2954	ALL	462236.2	3772668	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2955	ALL	462239.9	3772659	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2956	ALL	462243.7	3772650	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2957	ALL	462247.4	3772641	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2958	ALL	462262.4	3772604	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2959	ALL	462266.1	3772595	2.01E-08	30YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2960	ALL	462269.8	3772585	2.01E-08	30YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2961	ALL	462273.6	3772576	2.01E-08	30YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2962	ALL	462277.3	3772567	2.00E-08	30YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2963	ALL	462281.1	3772558	2.00E-08	30YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2964	ALL	462284.8	3772549	2.00E-08	30YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2965	ALL	462288.5	3772539	1.99E-08	30YrCance	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2966	ALL	462301.4	3772526	2.00E-08	30YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2967	ALL	462310.6	3772522	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2968	ALL	462319.8	3772519	2.04E-08	30YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2969	ALL	462329	3772515	2.06E-08	30YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2970	ALL	462338.1	3772511	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2971	ALL	462347.3	3772507	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2972	ALL	462356.5	3772503	2.11E-08	30YrCance	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2973	ALL	462365.7	3772499	2.13E-08	30YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2974	ALL	462374.8	3772496	2.15E-08	30YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2975	ALL	462384	3772492	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2976	ALL	462393.2	3772488	2.18E-08	30YrCance	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2977	ALL	462402.4	3772484	2.20E-08	30YrCance	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2978	ALL	462411.5	3772480	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2979	ALL	462420.7	3772476	2.23E-08	30YrCance	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2980	ALL	462429.9	3772472	2.25E-08	30YrCance	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2981	ALL	462439.1	3772469	2.27E-08	30YrCance	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2982	ALL	462494.1	3772446	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2983	ALL	462503.3	3772442	2.38E-08	30YrCance	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2984	ALL	462512.5	3772438	2.39E-08	30YrCance	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2985	ALL	462521.6	3772434	2.41E-08	30YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2986	ALL	462530.8	3772430	2.42E-08	30YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2987	ALL	462540	3772426	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2988	ALL	462549.2	3772423	2.45E-08	30YrCance	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2989	ALL	462558.3	3772419	2.46E-08	30YrCance	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2990	ALL	462567.5	3772415	2.48E-08	30YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2991	ALL	462576.7	3772411	2.49E-08	30YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2992	ALL	462585.9	3772407	2.50E-08	30YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2993	ALL	462595	3772403	2.51E-08	30YrCance	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2994	ALL	462604.2	3772399	2.53E-08	30YrCance	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2995	ALL	462631.7	3772388	2.56E-08	30YrCance	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2996	ALL	462640.9	3772384	2.57E-08	30YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2997	ALL	462650.1	3772380	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2998	ALL	462659.3	3772376	2.59E-08	30YrCance	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2999	ALL	462668.4	3772373	2.60E-08	30YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3000	ALL	462677.6	3772369	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3001	ALL	462686.8	3772365	2.62E-08	30YrCance	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3002	ALL	462696	3772361	2.63E-08	30YrCance	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3003	ALL	462705.1	3772357	2.64E-08	30YrCance	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3004	ALL	462714.3	3772353	2.65E-08	30YrCance	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3005	ALL	462723.5	3772350	2.65E-08	30YrCance	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3006	ALL	462732.7	3772346	2.66E-08	30YrCance	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3007	ALL	462741.8	3772342	2.67E-08	30YrCance	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3008	ALL	462751	3772338	2.68E-08	30YrCance	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3009	ALL	462760.2	3772334	2.69E-08	30YrCance	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3010	ALL	462769.4	3772330	2.69E-08	30YrCance	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3011	ALL	462778.5	3772326	2.70E-08	30YrCance	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3012	ALL	462787.7	3772323	2.71E-08	30YrCance	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3013	ALL	462796.9	3772319	2.72E-08	30YrCance	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3014	ALL	462806.1	3772315	2.72E-08	30YrCance	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3015	ALL	462815.2	3772311	2.73E-08	30YrCance	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3016	ALL	462824.4	3772307	2.74E-08	30YrCance	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3017	ALL	462833.6	3772303	2.74E-08	30YrCance	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3018	ALL	462842.8	3772300	2.75E-08	30YrCance	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3019	ALL	462851.9	3772296	2.76E-08	30YrCance	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3020	ALL	462861.1	3772292	2.77E-08	30YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3021	ALL	462870.3	3772288	2.77E-08	30YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3022	ALL	462879.5	3772284	2.78E-08	30YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3023	ALL	462888.6	3772280	2.79E-08	30YrCance	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3024	ALL	462897.8	3772277	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3025	ALL	462907	3772273	2.81E-08	30YrCance	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3026	ALL	462038	3773157	1.79E-08	30YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3027	ALL	462038.1	3773167	1.79E-08	30YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3028	ALL	462038.2	3773177	1.79E-08	30YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3029	ALL	462038.3	3773187	1.79E-08	30YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3030	ALL	462038.4	3773197	1.79E-08	30YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3031	ALL	462038.5	3773207	1.79E-08	30YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3032	ALL	462038.6	3773217	1.79E-08	30YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3033	ALL	462038.7	3773227	1.78E-08	30YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3034	ALL	462038.8	3773237	1.78E-08	30YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3035	ALL	462038.9	3773246	1.78E-08	30YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3036	ALL	462001.7	3773148	1.70E-08	30YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3037	ALL	462005.4	3773139	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3038	ALL	462009.1	3773130	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3039	ALL	462020.2	3773103	1.74E-08	30YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3040	ALL	462023.9	3773094	1.75E-08	30YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3041	ALL	462027.6	3773084	1.76E-08	30YrCance	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3042	ALL	462031.3	3773075	1.77E-08	30YrCance	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3043	ALL	462035	3773066	1.77E-08	30YrCance	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3044	ALL	462038.6	3773057	1.78E-08	30YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3045	ALL	462042.3	3773048	1.79E-08	30YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3046	ALL	462046	3773039	1.79E-08	30YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3047	ALL	462049.7	3773030	1.80E-08	30YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3048	ALL	462060.8	3773003	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3049	ALL	462064.5	3772993	1.83E-08	30YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3050	ALL	462068.2	3772984	1.83E-08	30YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3051	ALL	462071.9	3772975	1.84E-08	30YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3052	ALL	462075.6	3772966	1.85E-08	30YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3053	ALL	462079.3	3772957	1.85E-08	30YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3054	ALL	462082.9	3772948	1.86E-08	30YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3055	ALL	462086.6	3772939	1.86E-08	30YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3056	ALL	462090.3	3772930	1.87E-08	30YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3057	ALL	462097.7	3772912	1.88E-08	30YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3058	ALL	462101.4	3772902	1.88E-08	30YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3059	ALL	462105.1	3772893	1.88E-08	30YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3060	ALL	462108.8	3772884	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3061	ALL	462127.2	3772839	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3062	ALL	462130.9	3772830	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3063	ALL	462134.6	3772821	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3064	ALL	462138.3	3772811	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3065	ALL	462142	3772802	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3066	ALL	462145.7	3772793	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3067	ALL	462149.4	3772784	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3068	ALL	462153.1	3772775	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3069	ALL	462156.8	3772766	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3070	ALL	462160.5	3772757	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3071	ALL	462164.2	3772748	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3072	ALL	462167.8	3772739	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3073	ALL	462171.5	3772729	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3074	ALL	462175.2	3772720	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3075	ALL	462178.9	3772711	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3076	ALL	462182.6	3772702	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3077	ALL	462186.3	3772693	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3078	ALL	462190	3772684	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3079	ALL	462193.7	3772675	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3080	ALL	462197.4	3772666	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3081	ALL	462226.9	3772593	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3082	ALL	462230.6	3772584	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3083	ALL	462234.3	3772575	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3084	ALL	462238	3772566	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3085	ALL	462241.7	3772557	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3086	ALL	462245.4	3772547	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3087	ALL	462249.1	3772538	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3088	ALL	462252.8	3772529	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3089	ALL	462256.4	3772520	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3090	ALL	462260.1	3772511	1.88E-08	30YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3091	ALL	462272.9	3772498	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3092	ALL	462281.9	3772494	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3093	ALL	462291	3772491	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3094	ALL	462300.1	3772487	1.94E-08	30YrCance	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3095	ALL	462309.1	3772483	1.96E-08	30YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3096	ALL	462318.2	3772479	1.97E-08	30YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3097	ALL	462327.2	3772475	1.99E-08	30YrCance	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3098	ALL	462336.3	3772472	2.00E-08	30YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3099	ALL	462345.4	3772468	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3100	ALL	462399.7	3772445	2.11E-08	30YrCance	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3101	ALL	462408.8	3772441	2.13E-08	30YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3102	ALL	462417.8	3772437	2.14E-08	30YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3103	ALL	462426.9	3772434	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3104	ALL	462435.9	3772430	2.17E-08	30YrCance	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3105	ALL	462445	3772426	2.19E-08	30YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3106	ALL	462454.1	3772422	2.20E-08	30YrCance	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3107	ALL	462463.1	3772419	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3108	ALL	462472.2	3772415	2.23E-08	30YrCance	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3109	ALL	462481.2	3772411	2.24E-08	30YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3110	ALL	462490.3	3772407	2.26E-08	30YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3111	ALL	462499.4	3772403	2.27E-08	30YrCance	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3112	ALL	462508.4	3772400	2.28E-08	30YrCance	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3113	ALL	462517.5	3772396	2.30E-08	30YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3114	ALL	462526.5	3772392	2.31E-08	30YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3115	ALL	462535.6	3772388	2.32E-08	30YrCance	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3116	ALL	462544.7	3772384	2.33E-08	30YrCance	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3117	ALL	462553.7	3772381	2.34E-08	30YrCance	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3118	ALL	462562.8	3772377	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3119	ALL	462571.8	3772373	2.37E-08	30YrCance	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3120	ALL	462580.9	3772369	2.38E-08	30YrCance	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3121	ALL	462590	3772365	2.39E-08	30YrCance	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3122	ALL	462599	3772362	2.40E-08	30YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3123	ALL	462608.1	3772358	2.41E-08	30YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3124	ALL	462626.2	3772350	2.43E-08	30YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3125	ALL	462635.3	3772346	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3126	ALL	462644.3	3772343	2.45E-08	30YrCance	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3127	ALL	462653.4	3772339	2.46E-08	30YrCance	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3128	ALL	462662.4	3772335	2.47E-08	30YrCance	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3129	ALL	462671.5	3772331	2.47E-08	30YrCance	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3130	ALL	462680.5	3772327	2.48E-08	30YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3131	ALL	462689.6	3772324	2.49E-08	30YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3132	ALL	462698.7	3772320	2.50E-08	30YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3133	ALL	462707.7	3772316	2.50E-08	30YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3134	ALL	462716.8	3772312	2.51E-08	30YrCance	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3135	ALL	462725.8	3772309	2.52E-08	30YrCance	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3136	ALL	462734.9	3772305	2.53E-08	30YrCance	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3137	ALL	462744	3772301	2.53E-08	30YrCance	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3138	ALL	462753	3772297	2.54E-08	30YrCance	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3139	ALL	462762.1	3772293	2.55E-08	30YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3140	ALL	462771.1	3772290	2.55E-08	30YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3141	ALL	462780.2	3772286	2.56E-08	30YrCance	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3142	ALL	462789.3	3772282	2.56E-08	30YrCance	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3143	ALL	462798.3	3772278	2.57E-08	30YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3144	ALL	462807.4	3772274	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3145	ALL	462816.4	3772271	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3146	ALL	462825.5	3772267	2.59E-08	30YrCance	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3147	ALL	462834.6	3772263	2.60E-08	30YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3148	ALL	462843.6	3772259	2.60E-08	30YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3149	ALL	462852.7	3772255	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3150	ALL	462861.7	3772252	2.62E-08	30YrCance	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3151	ALL	462870.8	3772248	2.62E-08	30YrCance	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3152	ALL	462879.8	3772244	2.63E-08	30YrCance	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3153	ALL	462888.9	3772240	2.64E-08	30YrCance	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3154	ALL	462898	3772236	2.65E-08	30YrCance	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3155	ALL	462907	3772233	2.65E-08	30YrCance	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3156	ALL	461998	3773157	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3157	ALL	461998.1	3773167	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3158	ALL	461998.2	3773177	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3159	ALL	461998.3	3773187	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3160	ALL	461998.4	3773197	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3161	ALL	461998.5	3773207	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3162	ALL	461998.6	3773217	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3163	ALL	461998.7	3773227	1.68E-08	30YrCance	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3164	ALL	461998.8	3773237	1.68E-08	30YrCance	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3165	ALL	461998.9	3773247	1.68E-08	30YrCance	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3166	ALL	461961.7	3773149	1.61E-08	30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3167	ALL	461965.4	3773139	1.62E-08	30YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3168	ALL	461969.1	3773130	1.62E-08	30YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3169	ALL	461976.5	3773112	1.64E-08	30YrCance	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3170	ALL	461980.2	3773103	1.65E-08	30YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3171	ALL	461983.9	3773094	1.65E-08	30YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3172	ALL	461987.6	3773085	1.66E-08	30YrCance	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3173	ALL	461991.3	3773076	1.67E-08	30YrCance	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3174	ALL	461995	3773066	1.68E-08	30YrCance	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3175	ALL	461998.7	3773057	1.68E-08	30YrCance	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3176	ALL	462002.4	3773048	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3177	ALL	462006.1	3773039	1.70E-08	30YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3178	ALL	462009.8	3773030	1.70E-08	30YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3179	ALL	462020.9	3773003	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3180	ALL	462024.6	3772994	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3181	ALL	462028.3	3772984	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3182	ALL	462032	3772975	1.74E-08	30YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3183	ALL	462035.7	3772966	1.74E-08	30YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3184	ALL	462039.4	3772957	1.75E-08	30YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3185	ALL	462043.1	3772948	1.75E-08	30YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3186	ALL	462046.8	3772939	1.76E-08	30YrCance	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3187	ALL	462057.9	3772911	1.77E-08	30YrCance	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3188	ALL	462061.6	3772902	1.78E-08	30YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3189	ALL	462065.3	3772893	1.78E-08	30YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3190	ALL	462069	3772884	1.78E-08	30YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3191	ALL	462087.5	3772839	1.80E-08	30YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3192	ALL	462091.2	3772829	1.80E-08	30YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3193	ALL	462094.9	3772820	1.80E-08	30YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3194	ALL	462098.6	3772811	1.81E-08	30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3195	ALL	462102.3	3772802	1.81E-08	30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3196	ALL	462106	3772793	1.81E-08	30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3197	ALL	462109.7	3772784	1.81E-08	30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3198	ALL	462113.4	3772775	1.81E-08	30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3199	ALL	462117.1	3772766	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3200	ALL	462120.7	3772756	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3201	ALL	462124.4	3772747	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3202	ALL	462128.1	3772738	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3203	ALL	462131.8	3772729	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3204	ALL	462135.5	3772720	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3205	ALL	462139.2	3772711	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3206	ALL	462142.9	3772702	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3207	ALL	462146.6	3772693	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3208	ALL	462150.3	3772684	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3209	ALL	462154	3772674	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3210	ALL	462157.7	3772665	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3211	ALL	462161.4	3772656	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3212	ALL	462165.1	3772647	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3213	ALL	462168.8	3772638	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3214	ALL	462172.5	3772629	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3215	ALL	462176.2	3772620	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3216	ALL	462179.9	3772611	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3217	ALL	462183.6	3772601	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3218	ALL	462187.3	3772592	1.81E-08	30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3219	ALL	462191	3772583	1.81E-08	30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3220	ALL	462194.7	3772574	1.81E-08	30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3221	ALL	462198.4	3772565	1.81E-08	30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3222	ALL	462228	3772492	1.78E-08	30YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3223	ALL	462231.7	3772483	1.78E-08	30YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3224	ALL	462244.5	3772470	1.79E-08	30YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3225	ALL	462298.9	3772447	1.88E-08	30YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3226	ALL	462308	3772443	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3227	ALL	462317.1	3772440	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3228	ALL	462326.1	3772436	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3229	ALL	462335.2	3772432	1.94E-08	30YrCance	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3230	ALL	462344.3	3772428	1.95E-08	30YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3231	ALL	462353.4	3772424	1.96E-08	30YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3232	ALL	462362.4	3772421	1.98E-08	30YrCance	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3233	ALL	462371.5	3772417	1.99E-08	30YrCance	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3234	ALL	462380.6	3772413	2.01E-08	30YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3235	ALL	462389.7	3772409	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3236	ALL	462398.7	3772405	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3237	ALL	462407.8	3772402	2.05E-08	30YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3238	ALL	462416.9	3772398	2.06E-08	30YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3239	ALL	462426	3772394	2.07E-08	30YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3240	ALL	462435	3772390	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3241	ALL	462444.1	3772386	2.10E-08	30YrCance	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3242	ALL	462453.2	3772383	2.11E-08	30YrCance	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3243	ALL	462462.3	3772379	2.12E-08	30YrCance	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3244	ALL	462471.3	3772375	2.14E-08	30YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3245	ALL	462480.4	3772371	2.15E-08	30YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3246	ALL	462489.5	3772367	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3247	ALL	462498.6	3772364	2.17E-08	30YrCance	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3248	ALL	462507.6	3772360	2.18E-08	30YrCance	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3249	ALL	462516.7	3772356	2.19E-08	30YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3250	ALL	462525.8	3772352	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3251	ALL	462534.9	3772348	2.22E-08	30YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3252	ALL	462543.9	3772345	2.23E-08	30YrCance	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3253	ALL	462553	3772341	2.24E-08	30YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3254	ALL	462562.1	3772337	2.25E-08	30YrCance	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3255	ALL	462571.2	3772333	2.26E-08	30YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3256	ALL	462580.2	3772329	2.27E-08	30YrCance	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3257	ALL	462589.3	3772326	2.28E-08	30YrCance	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3258	ALL	462598.4	3772322	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3259	ALL	462607.5	3772318	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3260	ALL	462625.6	3772310	2.31E-08	30YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3261	ALL	462634.7	3772307	2.32E-08	30YrCance	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3262	ALL	462643.8	3772303	2.33E-08	30YrCance	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3263	ALL	462652.8	3772299	2.34E-08	30YrCance	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3264	ALL	462661.9	3772295	2.34E-08	30YrCance	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3265	ALL	462671	3772291	2.35E-08	30YrCance	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3266	ALL	462680.1	3772288	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3267	ALL	462689.1	3772284	2.37E-08	30YrCance	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3268	ALL	462698.2	3772280	2.37E-08	30YrCance	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3269	ALL	462707.3	3772276	2.38E-08	30YrCance	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3270	ALL	462716.4	3772272	2.38E-08	30YrCance	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3271	ALL	462725.4	3772269	2.39E-08	30YrCance	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3272	ALL	462734.5	3772265	2.40E-08	30YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3273	ALL	462743.6	3772261	2.40E-08	30YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3274	ALL	462752.7	3772257	2.41E-08	30YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3275	ALL	462761.7	3772253	2.41E-08	30YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3276	ALL	462770.8	3772250	2.42E-08	30YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3277	ALL	462779.9	3772246	2.43E-08	30YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3278	ALL	462789	3772242	2.43E-08	30YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3279	ALL	462798	3772238	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3280	ALL	462807.1	3772234	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3281	ALL	462816.2	3772231	2.45E-08	30YrCance	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3282	ALL	462825.3	3772227	2.45E-08	30YrCance	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3283	ALL	462834.3	3772223	2.46E-08	30YrCance	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3284	ALL	462843.4	3772219	2.47E-08	30YrCance	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3285	ALL	462852.5	3772215	2.47E-08	30YrCance	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3286	ALL	462861.6	3772212	2.48E-08	30YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3287	ALL	462870.6	3772208	2.48E-08	30YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3288	ALL	462879.7	3772204	2.49E-08	30YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3289	ALL	462888.8	3772200	2.50E-08	30YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3290	ALL	462897.9	3772196	2.50E-08	30YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3291	ALL	462906.9	3772193	2.51E-08	30YrCance	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3292	ALL	461958	3773158	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3293	ALL	461958.1	3773168	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3294	ALL	461958.2	3773178	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3295	ALL	461958.3	3773187	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3296	ALL	461958.4	3773197	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3297	ALL	461958.5	3773207	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3298	ALL	461958.6	3773217	1.59E-08	30YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3299	ALL	461958.7	3773227	1.59E-08	30YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3300	ALL	461958.8	3773237	1.59E-08	30YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3301	ALL	461958.9	3773247	1.59E-08	30YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3302	ALL	461921.8	3773149	1.53E-08	30YrCance	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3303	ALL	461925.5	3773140	1.53E-08	30YrCance	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3304	ALL	461929.2	3773131	1.54E-08	30YrCance	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3305	ALL	461936.6	3773112	1.55E-08	30YrCance	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3306	ALL	461940.3	3773103	1.56E-08	30YrCance	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3307	ALL	461944	3773094	1.57E-08	30YrCance	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3308	ALL	461947.7	3773085	1.57E-08	30YrCance	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3309	ALL	461951.4	3773076	1.58E-08	30YrCance	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3310	ALL	461955.1	3773067	1.59E-08	30YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3311	ALL	461958.8	3773058	1.59E-08	30YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3312	ALL	461962.5	3773048	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3313	ALL	461966.2	3773039	1.61E-08	30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3314	ALL	461969.9	3773030	1.61E-08	30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3315	ALL	461981	3773003	1.63E-08	30YrCance	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3316	ALL	461984.7	3772994	1.63E-08	30YrCance	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3317	ALL	461988.4	3772984	1.64E-08	30YrCance	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3318	ALL	461992.1	3772975	1.65E-08	30YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3319	ALL	461995.8	3772966	1.65E-08	30YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3320	ALL	461999.5	3772957	1.65E-08	30YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3321	ALL	462003.2	3772948	1.66E-08	30YrCance	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3322	ALL	462006.9	3772939	1.66E-08	30YrCance	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3323	ALL	462010.6	3772930	1.67E-08	30YrCance	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3324	ALL	462014.3	3772921	1.67E-08	30YrCance	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3325	ALL	462018	3772911	1.67E-08	30YrCance	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3326	ALL	462021.8	3772902	1.68E-08	30YrCance	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3327	ALL	462025.5	3772893	1.68E-08	30YrCance	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3328	ALL	462029.2	3772884	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3329	ALL	462032.9	3772875	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3330	ALL	462047.7	3772838	1.70E-08	30YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3331	ALL	462051.4	3772829	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3332	ALL	462055.1	3772820	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3333	ALL	462058.8	3772811	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3334	ALL	462062.5	3772802	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3335	ALL	462066.2	3772793	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3336	ALL	462069.9	3772784	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3337	ALL	462073.6	3772774	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3338	ALL	462077.3	3772765	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3339	ALL	462081	3772756	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3340	ALL	462084.7	3772747	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3341	ALL	462088.4	3772738	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3342	ALL	462092.1	3772729	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3343	ALL	462095.8	3772720	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3344	ALL	462099.5	3772711	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3345	ALL	462103.2	3772701	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3346	ALL	462106.9	3772692	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3347	ALL	462110.6	3772683	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3348	ALL	462114.3	3772674	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3349	ALL	462118	3772665	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3350	ALL	462121.8	3772656	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3351	ALL	462125.5	3772647	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3352	ALL	462129.2	3772637	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3353	ALL	462132.9	3772628	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3354	ALL	462136.6	3772619	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3355	ALL	462140.3	3772610	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3356	ALL	462144	3772601	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3357	ALL	462147.7	3772592	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3358	ALL	462151.4	3772583	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3359	ALL	462155.1	3772574	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3360	ALL	462158.8	3772564	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3361	ALL	462162.5	3772555	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3362	ALL	462166.2	3772546	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3363	ALL	462169.9	3772537	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3364	ALL	462173.6	3772528	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3365	ALL	462177.3	3772519	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3366	ALL	462181	3772510	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3367	ALL	462184.7	3772501	1.70E-08	30YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3368	ALL	462188.4	3772491	1.70E-08	30YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3369	ALL	462192.1	3772482	1.70E-08	30YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3370	ALL	462195.8	3772473	1.70E-08	30YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3371	ALL	462225.1	3772438	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3372	ALL	462234.2	3772434	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3373	ALL	462243.3	3772430	1.74E-08	30YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3374	ALL	462252.4	3772427	1.75E-08	30YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3375	ALL	462261.5	3772423	1.77E-08	30YrCance	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3376	ALL	462270.6	3772419	1.78E-08	30YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3377	ALL	462279.7	3772415	1.79E-08	30YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3378	ALL	462288.7	3772411	1.80E-08	30YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3379	ALL	462297.8	3772408	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3380	ALL	462306.9	3772404	1.83E-08	30YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3381	ALL	462316	3772400	1.84E-08	30YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3382	ALL	462325.1	3772396	1.86E-08	30YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3383	ALL	462334.2	3772392	1.87E-08	30YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3384	ALL	462343.3	3772389	1.88E-08	30YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3385	ALL	462352.4	3772385	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3386	ALL	462361.5	3772381	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3387	ALL	462370.5	3772377	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3388	ALL	462379.6	3772373	1.93E-08	30YrCance	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3389	ALL	462388.7	3772370	1.94E-08	30YrCance	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3390	ALL	462397.8	3772366	1.96E-08	30YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3391	ALL	462406.9	3772362	1.97E-08	30YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3392	ALL	462416	3772358	1.98E-08	30YrCance	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3393	ALL	462425.1	3772354	1.99E-08	30YrCance	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3394	ALL	462434.2	3772351	2.00E-08	30YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3395	ALL	462443.3	3772347	2.01E-08	30YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3396	ALL	462452.4	3772343	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3397	ALL	462461.4	3772339	2.04E-08	30YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3398	ALL	462470.5	3772335	2.05E-08	30YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3399	ALL	462479.6	3772332	2.06E-08	30YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3400	ALL	462488.7	3772328	2.07E-08	30YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3401	ALL	462497.8	3772324	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3402	ALL	462506.9	3772320	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3403	ALL	462516	3772316	2.10E-08	30YrCance	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3404	ALL	462525.1	3772313	2.11E-08	30YrCance	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3405	ALL	462534.2	3772309	2.12E-08	30YrCance	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3406	ALL	462543.2	3772305	2.13E-08	30YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3407	ALL	462552.3	3772301	2.14E-08	30YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3408	ALL	462561.4	3772297	2.15E-08	30YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3409	ALL	462570.5	3772293	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3410	ALL	462579.6	3772290	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3411	ALL	462588.7	3772286	2.17E-08	30YrCance	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3412	ALL	462597.8	3772282	2.18E-08	30YrCance	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3413	ALL	462606.9	3772278	2.19E-08	30YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3414	ALL	462625.1	3772271	2.20E-08	30YrCance	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3415	ALL	462634.1	3772267	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3416	ALL	462643.2	3772263	2.22E-08	30YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3417	ALL	462652.3	3772259	2.22E-08	30YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3418	ALL	462661.4	3772255	2.23E-08	30YrCance	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3419	ALL	462670.5	3772252	2.24E-08	30YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3420	ALL	462679.6	3772248	2.24E-08	30YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3421	ALL	462688.7	3772244	2.25E-08	30YrCance	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3422	ALL	462697.8	3772240	2.25E-08	30YrCance	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3423	ALL	462706.9	3772236	2.26E-08	30YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3424	ALL	462715.9	3772233	2.27E-08	30YrCance	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3425	ALL	462725	3772229	2.27E-08	30YrCance	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3426	ALL	462734.1	3772225	2.28E-08	30YrCance	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3427	ALL	462743.2	3772221	2.28E-08	30YrCance	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3428	ALL	462752.3	3772217	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3429	ALL	462761.4	3772214	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3430	ALL	462770.5	3772210	2.30E-08	30YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3431	ALL	462779.6	3772206	2.30E-08	30YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3432	ALL	462788.7	3772202	2.31E-08	30YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3433	ALL	462797.8	3772198	2.31E-08	30YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3434	ALL	462806.8	3772195	2.32E-08	30YrCance	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3435	ALL	462815.9	3772191	2.32E-08	30YrCance	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3436	ALL	462825	3772187	2.33E-08	30YrCance	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3437	ALL	462834.1	3772183	2.33E-08	30YrCance	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3438	ALL	462843.2	3772179	2.34E-08	30YrCance	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3439	ALL	462852.3	3772175	2.34E-08	30YrCance	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3440	ALL	462861.4	3772172	2.35E-08	30YrCance	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3441	ALL	462870.5	3772168	2.35E-08	30YrCance	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3442	ALL	462879.6	3772164	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3443	ALL	462888.6	3772160	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3444	ALL	462897.7	3772156	2.37E-08	30YrCance	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3445	ALL	462906.8	3772153	2.37E-08	30YrCance	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3446	ALL	461918	3773158	1.52E-08	30YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3447	ALL	461918.1	3773168	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3448	ALL	461918.2	3773178	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3449	ALL	461918.3	3773188	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3450	ALL	461918.4	3773198	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3451	ALL	461918.5	3773208	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3452	ALL	461918.6	3773218	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3453	ALL	461918.7	3773228	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3454	ALL	461918.8	3773238	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3455	ALL	461918.9	3773248	1.50E-08	30YrCance	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3456	ALL	462917.5	3773288	3.43E-07	30YrCance	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3457	ALL	462909.1	3773284	3.26E-07	30YrCance	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3458	ALL	462900.6	3773281	3.10E-07	30YrCance	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3459	ALL	462917.5	3773298	3.18E-07	30YrCance	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3460	ALL	462909.1	3773294	3.04E-07	30YrCance	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3461	ALL	462900.6	3773291	2.90E-07	30YrCance	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3462	ALL	462892.2	3773287	2.77E-07	30YrCance	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3463	ALL	462883.1	3773283	2.64E-07	30YrCance	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3464	ALL	462917.5	3773308	2.96E-07	30YrCance	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3465	ALL	462909.1	3773304	2.84E-07	30YrCance	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3466	ALL	462900.6	3773301	2.72E-07	30YrCance	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3467	ALL	462892.2	3773297	2.60E-07	30YrCance	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3468	ALL	462883.7	3773294	2.49E-07	30YrCance	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3469	ALL	462875.5	3773288	2.41E-07	30YrCance	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3470	ALL	462871.9	3773280	2.44E-07	30YrCance	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3471	ALL	462917.5	3773318	2.75E-07	30YrCance	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3472	ALL	462909.1	3773314	2.65E-07	30YrCance	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3473	ALL	462900.6	3773311	2.56E-07	30YrCance	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3474	ALL	462892.2	3773307	2.46E-07	30YrCance	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3475	ALL	462883.7	3773304	2.36E-07	30YrCance	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3476	ALL	462875.3	3773300	2.26E-07	30YrCance	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3477	ALL	462867.9	3773294	2.21E-07	30YrCance	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3478	ALL	462864.3	3773285	2.24E-07	30YrCance	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3479	ALL	462917.5	3773328	2.56E-07	30YrCance	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3480	ALL	462909.1	3773324	2.48E-07	30YrCance	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3481	ALL	462900.6	3773321	2.40E-07	30YrCance	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3482	ALL	462892.2	3773317	2.32E-07	30YrCance	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3483	ALL	462883.7	3773314	2.23E-07	30YrCance	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3484	ALL	462875.3	3773310	2.15E-07	30YrCance	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3485	ALL	462866.8	3773307	2.06E-07	30YrCance	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3486	ALL	462860.2	3773300	2.04E-07	30YrCance	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3487	ALL	462856.1	3773290	2.07E-07	30YrCance	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3488	ALL	462851.9	3773280	2.08E-07	30YrCance	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3489	ALL	462917.5	3773338	2.38E-07	30YrCance	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3490	ALL	462908.8	3773334	2.32E-07	30YrCance	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3491	ALL	462900.2	3773331	2.25E-07	30YrCance	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3492	ALL	462891.6	3773327	2.18E-07	30YrCance	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3493	ALL	462882.9	3773324	2.11E-07	30YrCance	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3494	ALL	462874.3	3773320	2.03E-07	30YrCance	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3495	ALL	462865.6	3773316	1.95E-07	30YrCance	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3496	ALL	462857	3773313	1.88E-07	30YrCance	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3497	ALL	462851.9	3773304	1.89E-07	30YrCance	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3498	ALL	462848.3	3773295	1.92E-07	30YrCance	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3499	ALL	462844.7	3773287	1.93E-07	30YrCance	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3500	ALL	462917.5	3773348	2.22E-07	30YrCance	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3501	ALL	462908.9	3773344	2.17E-07	30YrCance	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3502	ALL	462900.2	3773341	2.11E-07	30YrCance	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3503 ALL	462891.6	3773337	2.06E-07 30YrCance	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3504 ALL	462883	3773334	2.00E-07 30YrCance	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3505 ALL	462874.4	3773330	1.93E-07 30YrCance	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3506 ALL	462865.8	3773327	1.86E-07 30YrCance	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3507 ALL	462857.1	3773323	1.80E-07 30YrCance	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3508 ALL	462847.9	3773318	1.73E-07 30YrCance	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3509 ALL	462844.3	3773309	1.76E-07 30YrCance	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3510 ALL	462840.7	3773301	1.78E-07 30YrCance	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3511 ALL	462837	3773292	1.80E-07 30YrCance	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3512 ALL	462833.4	3773284	1.80E-07 30YrCance	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3513 ALL	462917.5	3773368	1.95E-07 30YrCance	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3514 ALL	462908.9	3773364	1.91E-07 30YrCance	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3515 ALL	462900.3	3773361	1.87E-07 30YrCance	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3516 ALL	462891.7	3773357	1.83E-07 30YrCance	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3517 ALL	462883.1	3773354	1.79E-07 30YrCance	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3518 ALL	462874.5	3773350	1.74E-07 30YrCance	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3519 ALL	462865.9	3773347	1.69E-07 30YrCance	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3520 ALL	462857.4	3773343	1.64E-07 30YrCance	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3521 ALL	462848.8	3773340	1.59E-07 30YrCance	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3522 ALL	462840.2	3773336	1.54E-07 30YrCance	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3523 ALL	462832.6	3773329	1.52E-07 30YrCance	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3524 ALL	462829	3773321	1.54E-07 30YrCance	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3525 ALL	462825.4	3773312	1.55E-07 30YrCance	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3526 ALL	462821.8	3773304	1.57E-07 30YrCance	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3527 ALL	462818.2	3773295	1.58E-07 30YrCance	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3528 ALL	462814.6	3773287	1.58E-07 30YrCance	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3529 ALL	462917.5	3773388	1.73E-07 30YrCance	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3530 ALL	462908.9	3773384	1.70E-07 30YrCance	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3531 ALL	462900.3	3773381	1.68E-07 30YrCance	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3532 ALL	462891.8	3773377	1.65E-07 30YrCance	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3533 ALL	462883.2	3773374	1.61E-07 30YrCance	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3534 ALL	462874.6	3773370	1.58E-07 30YrCance	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3535 ALL	462866.1	3773367	1.54E-07 30YrCance	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3536 ALL	462857.5	3773363	1.50E-07 30YrCance	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3537 ALL	462848.9	3773360	1.47E-07 30YrCance	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3538 ALL	462840.4	3773356	1.43E-07 30YrCance	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3539 ALL	462831.8	3773353	1.39E-07 30YrCance	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3540 ALL	462823.2	3773349	1.35E-07 30YrCance	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3541 ALL	462817.4	3773341	1.35E-07 30YrCance	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3542 ALL	462813.8	3773332	1.36E-07 30YrCance	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3543 ALL	462810.2	3773324	1.37E-07 30YrCance	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3544 ALL	462806.6	3773315	1.38E-07 30YrCance	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3545 ALL	462803	3773307	1.39E-07 30YrCance	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3546 ALL	462799.3	3773298	1.40E-07 30YrCance	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3547 ALL	462795.7	3773290	1.40E-07 30YrCance	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3548 ALL	462792.1	3773281	1.40E-07 30YrCance	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3549 ALL	462917.5	3773408	1.54E-07 30YrCance	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3550 ALL	462908.9	3773404	1.53E-07 30YrCance	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3551 ALL	462900.4	3773401	1.51E-07 30YrCance	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3552 ALL	462891.8	3773397	1.49E-07 30YrCance	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3553 ALL	462883.3	3773394	1.46E-07 30YrCance	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3554 ALL	462874.7	3773390	1.44E-07 30YrCance	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3555 ALL	462866.2	3773387	1.41E-07 30YrCance	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3556 ALL	462857.6	3773383	1.38E-07 30YrCance	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3557 ALL	462849.1	3773380	1.35E-07 30YrCance	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3558 ALL	462840.5	3773376	1.32E-07 30YrCance	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3559 ALL	462832	3773373	1.28E-07 30YrCance	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3560 ALL	462823.4	3773369	1.25E-07 30YrCance	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3561 ALL	462814.8	3773366	1.22E-07 30YrCance	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3562 ALL	462805.7	3773361	1.19E-07 30YrCance	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3563 ALL	462802.1	3773352	1.21E-07 30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3564 ALL	462798.5	3773344	1.22E-07 30YrCance	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3565 ALL	462794.9	3773335	1.23E-07 30YrCance	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3566 ALL	462791.3	3773327	1.23E-07 30YrCance	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3567 ALL	462787.7	3773318	1.24E-07 30YrCance	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3568 ALL	462784.1	3773310	1.25E-07 30YrCance	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3569 ALL	462780.5	3773301	1.25E-07 30YrCance	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3570 ALL	462776.9	3773292	1.25E-07 30YrCance	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3571 ALL	462773.3	3773284	1.25E-07 30YrCance	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3572 ALL	462917.5	3773428	1.39E-07 30YrCance	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3573 ALL	462908.8	3773424	1.38E-07 30YrCance	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3574 ALL	462900.2	3773421	1.36E-07 30YrCance	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3575 ALL	462891.6	3773417	1.35E-07 30YrCance	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3576 ALL	462882.9	3773414	1.33E-07 30YrCance	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3577 ALL	462874.3	3773410	1.31E-07 30YrCance	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3578 ALL	462865.6	3773406	1.29E-07 30YrCance	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3579 ALL	462857	3773403	1.26E-07 30YrCance	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3580 ALL	462848.4	3773399	1.24E-07 30YrCance	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3581 ALL	462839.7	3773396	1.21E-07 30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3582 ALL	462831.1	3773392	1.19E-07 30YrCance	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3583 ALL	462822.5	3773389	1.16E-07 30YrCance	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3584 ALL	462813.8	3773385	1.14E-07 30YrCance	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3585 ALL	462805.2	3773382	1.11E-07 30YrCance	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3586 ALL	462796.5	3773378	1.08E-07 30YrCance	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3587 ALL	462789.8	3773371	1.08E-07 30YrCance	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3588 ALL	462786.2	3773362	1.09E-07 30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3589 ALL	462782.5	3773353	1.10E-07 30YrCance	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3590 ALL	462778.9	3773345	1.11E-07 30YrCance	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3591 ALL	462775.3	3773336	1.12E-07 30YrCance	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3592 ALL	462771.6	3773327	1.12E-07 30YrCance	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3593 ALL	462768	3773319	1.13E-07 30YrCance	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3594 ALL	462764.4	3773310	1.13E-07 30YrCance	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3595 ALL	462760.7	3773302	1.13E-07 30YrCance	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3596 ALL	462757.1	3773293	1.13E-07 30YrCance	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3597 ALL	462753.5	3773284	1.12E-07 30YrCance	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3598 ALL	462917.5	3773448	1.27E-07 30YrCance	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3599	ALL	462908.9	3773444	1.26E-07	30YrCance	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3600	ALL	462900.2	3773441	1.24E-07	30YrCance	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3601	ALL	462891.6	3773437	1.23E-07	30YrCance	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3602	ALL	462883	3773434	1.21E-07	30YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3603	ALL	462874.4	3773430	1.20E-07	30YrCance	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3604	ALL	462865.8	3773427	1.18E-07	30YrCance	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3605	ALL	462857.1	3773423	1.17E-07	30YrCance	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3606	ALL	462848.5	3773419	1.15E-07	30YrCance	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3607	ALL	462839.9	3773416	1.13E-07	30YrCance	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3608	ALL	462831.3	3773412	1.11E-07	30YrCance	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3609	ALL	462822.7	3773409	1.09E-07	30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3610	ALL	462814.1	3773405	1.06E-07	30YrCance	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3611	ALL	462805.4	3773402	1.04E-07	30YrCance	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3612	ALL	462796.8	3773398	1.02E-07	30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3613	ALL	462788.2	3773395	9.98E-08	30YrCance	9.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3614	ALL	462779.6	3773391	9.75E-08	30YrCance	9.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3615	ALL	462774.5	3773382	9.80E-08	30YrCance	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3616	ALL	462770.9	3773373	9.90E-08	30YrCance	9.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3617	ALL	462767.3	3773365	9.98E-08	30YrCance	9.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3618	ALL	462763.6	3773356	1.01E-07	30YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3619	ALL	462760	3773348	1.01E-07	30YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3620	ALL	462756.4	3773339	1.02E-07	30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3621	ALL	462752.8	3773330	1.02E-07	30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3622	ALL	462749.1	3773322	1.03E-07	30YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3623	ALL	462745.5	3773313	1.03E-07	30YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3624	ALL	462741.9	3773305	1.02E-07	30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3625	ALL	462738.3	3773296	1.02E-07	30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3626	ALL	462734.6	3773287	1.02E-07	30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3627	ALL	462900.3	3773461	1.14E-07	30YrCance	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3628	ALL	462891.7	3773457	1.13E-07	30YrCance	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3629	ALL	462883.1	3773454	1.10E-07	30YrCance	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3630	ALL	462874.5	3773450	1.09E-07	30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3631	ALL	462865.9	3773447	1.07E-07	30YrCance	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3632	ALL	462857.3	3773443	1.06E-07	30YrCance	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3633	ALL	462848.7	3773439	1.06E-07	30YrCance	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3634	ALL	462840.1	3773436	1.05E-07	30YrCance	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3635	ALL	462831.5	3773432	1.03E-07	30YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3636	ALL	462822.9	3773429	1.01E-07	30YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3637	ALL	462814.2	3773425	9.98E-08	30YrCance	9.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3638	ALL	462805.6	3773422	9.80E-08	30YrCance	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3639	ALL	462797	3773418	9.62E-08	30YrCance	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3640	ALL	462788.4	3773415	9.43E-08	30YrCance	9.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3641	ALL	462779.8	3773411	9.24E-08	30YrCance	9.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3642	ALL	462771.2	3773408	9.04E-08	30YrCance	9.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3643	ALL	462762.9	3773402	8.91E-08	30YrCance	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3644	ALL	462759.2	3773393	8.98E-08	30YrCance	8.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3645	ALL	462755.6	3773385	9.05E-08	30YrCance	9.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3646	ALL	462752	3773376	9.12E-08	30YrCance	9.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3647	ALL	462748.4	3773368	9.18E-08	30YrCance	9.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3648	ALL	462744.8	3773359	9.24E-08	30YrCance	9.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3649	ALL	462741.1	3773350	9.29E-08	30YrCance	9.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3650	ALL	462737.5	3773342	9.33E-08	30YrCance	9.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3651	ALL	462733.9	3773333	9.36E-08	30YrCance	9.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3652	ALL	462730.3	3773325	9.38E-08	30YrCance	9.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3653	ALL	462726.7	3773316	9.37E-08	30YrCance	9.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3654	ALL	462723.1	3773308	9.35E-08	30YrCance	9.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3655	ALL	462719.4	3773299	9.32E-08	30YrCance	9.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3656	ALL	462715.8	3773290	9.29E-08	30YrCance	9.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3657	ALL	462712.2	3773282	9.24E-08	30YrCance	9.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3658	ALL	462917.5	3773488	1.05E-07	30YrCance	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3659	ALL	462848.8	3773460	9.75E-08	30YrCance	9.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3660	ALL	462840.2	3773456	9.62E-08	30YrCance	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3661	ALL	462831.6	3773452	9.48E-08	30YrCance	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3662	ALL	462823	3773449	9.34E-08	30YrCance	9.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3663	ALL	462814.4	3773445	9.19E-08	30YrCance	9.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3664	ALL	462805.8	3773442	9.06E-08	30YrCance	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3665	ALL	462797.2	3773438	9.03E-08	30YrCance	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3666	ALL	462788.6	3773435	8.88E-08	30YrCance	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3667	ALL	462780.1	3773431	8.73E-08	30YrCance	8.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3668	ALL	462771.5	3773428	8.57E-08	30YrCance	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3669	ALL	462762.9	3773424	8.41E-08	30YrCance	8.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3670	ALL	462754.3	3773421	8.25E-08	30YrCance	8.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3671	ALL	462747.6	3773413	8.21E-08	30YrCance	8.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3672	ALL	462744	3773405	8.27E-08	30YrCance	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3673	ALL	462740.4	3773396	8.33E-08	30YrCance	8.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3674	ALL	462736.7	3773387	8.38E-08	30YrCance	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3675	ALL	462733.1	3773379	8.43E-08	30YrCance	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3676	ALL	462729.5	3773370	8.48E-08	30YrCance	8.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3677	ALL	462725.9	3773362	8.52E-08	30YrCance	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3678	ALL	462722.3	3773353	8.55E-08	30YrCance	8.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3679	ALL	462718.7	3773345	8.58E-08	30YrCance	8.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3680	ALL	462715.1	3773336	8.59E-08	30YrCance	8.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3681	ALL	462711.4	3773328	8.58E-08	30YrCance	8.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3682	ALL	462707.8	3773319	8.58E-08	30YrCance	8.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3683	ALL	462704.2	3773310	8.56E-08	30YrCance	8.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3684	ALL	462700.6	3773302	8.55E-08	30YrCance	8.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3685	ALL	462697	3773293	8.52E-08	30YrCance	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3686	ALL	462693.4	3773285	8.48E-08	30YrCance	8.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3687	ALL	462917.5	3773508	9.65E-08	30YrCance	9.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3688	ALL	462908.8	3773504	9.55E-08	30YrCance	9.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3689	ALL	462900.2	3773501	9.51E-08	30YrCance	9.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3690	ALL	462891.5	3773497	9.46E-08	30YrCance	9.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3691	ALL	462882.9	3773494	9.40E-08	30YrCance	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3692	ALL	462874.2	3773490	9.34E-08	30YrCance	9.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3693	ALL	462796.4	3773458	8.38E-08	30YrCance	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3694	ALL	462787.8	3773454	8.24E-08	30YrCance	8.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3695	ALL	462779.1	3773451	8.10E-08	30YrCance	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3696	ALL	462770.5	3773447	7.96E-08	30YrCance	7.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3697	ALL	462761.8	3773444	7.83E-08	30YrCance	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3698	ALL	462753.2	3773440	7.80E-08	30YrCance	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3699	ALL	462744.6	3773437	7.67E-08	30YrCance	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3700	ALL	462735.3	3773432	7.54E-08	30YrCance	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3701	ALL	462731.7	3773423	7.61E-08	30YrCance	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3702	ALL	462728	3773414	7.67E-08	30YrCance	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3703	ALL	462724.4	3773406	7.72E-08	30YrCance	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3704	ALL	462720.8	3773397	7.76E-08	30YrCance	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3705	ALL	462717.1	3773389	7.79E-08	30YrCance	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3706	ALL	462713.5	3773380	7.83E-08	30YrCance	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3707	ALL	462709.8	3773371	7.86E-08	30YrCance	7.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3708	ALL	462706.2	3773363	7.89E-08	30YrCance	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3709	ALL	462702.6	3773354	7.92E-08	30YrCance	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3710	ALL	462698.9	3773346	7.92E-08	30YrCance	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3711	ALL	462695.3	3773337	7.92E-08	30YrCance	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3712	ALL	462691.7	3773328	7.91E-08	30YrCance	7.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3713	ALL	462688	3773320	7.90E-08	30YrCance	7.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3714	ALL	462684.4	3773311	7.89E-08	30YrCance	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3715	ALL	462680.7	3773302	7.87E-08	30YrCance	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3716	ALL	462677.1	3773294	7.85E-08	30YrCance	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3717	ALL	462673.5	3773285	7.80E-08	30YrCance	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3718	ALL	462917.5	3773528	8.98E-08	30YrCance	8.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3719	ALL	462908.8	3773524	8.91E-08	30YrCance	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3720	ALL	462900.2	3773521	8.86E-08	30YrCance	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3721	ALL	462891.6	3773517	8.79E-08	30YrCance	8.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3722	ALL	462883	3773514	8.73E-08	30YrCance	8.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3723	ALL	462874.3	3773510	8.65E-08	30YrCance	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3724	ALL	462865.7	3773506	8.58E-08	30YrCance	8.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3725	ALL	462857.1	3773503	8.51E-08	30YrCance	8.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3726	ALL	462848.4	3773499	8.44E-08	30YrCance	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3727	ALL	462839.8	3773496	8.37E-08	30YrCance	8.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3728	ALL	462831.2	3773492	8.29E-08	30YrCance	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3729	ALL	462822.5	3773489	8.21E-08	30YrCance	8.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3730	ALL	462753.5	3773460	7.27E-08	30YrCance	7.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3731	ALL	462744.8	3773457	7.16E-08	30YrCance	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3732	ALL	462736.2	3773453	7.05E-08	30YrCance	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3733	ALL	462727.6	3773450	6.94E-08	30YrCance	6.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3734	ALL	462720	3773443	6.90E-08	30YrCance	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3735	ALL	462716.4	3773434	7.06E-08	30YrCance	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3736	ALL	462712.8	3773426	7.12E-08	30YrCance	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3737	ALL	462709.1	3773417	7.17E-08	30YrCance	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3738	ALL	462705.5	3773409	7.21E-08	30YrCance	7.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3739	ALL	462701.9	3773400	7.24E-08	30YrCance	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3740	ALL	462698.2	3773391	7.26E-08	30YrCance	7.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3741	ALL	462694.6	3773383	7.29E-08	30YrCance	7.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3742	ALL	462691	3773374	7.31E-08	30YrCance	7.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3743	ALL	462687.3	3773366	7.33E-08	30YrCance	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3744	ALL	462683.7	3773357	7.35E-08	30YrCance	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3745	ALL	462680.1	3773348	7.35E-08	30YrCance	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3746	ALL	462676.4	3773340	7.34E-08	30YrCance	7.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3747	ALL	462672.8	3773331	7.33E-08	30YrCance	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3748	ALL	462669.2	3773323	7.32E-08	30YrCance	7.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3749	ALL	462665.6	3773314	7.30E-08	30YrCance	7.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3750	ALL	462661.9	3773305	7.28E-08	30YrCance	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3751	ALL	462658.3	3773297	7.25E-08	30YrCance	7.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3752	ALL	462654.7	3773288	7.20E-08	30YrCance	7.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3753	ALL	462917.5	3773548	8.33E-08	30YrCance	8.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3754	ALL	462908.9	3773544	8.31E-08	30YrCance	8.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3755	ALL	462900.2	3773541	8.28E-08	30YrCance	8.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3756	ALL	462891.6	3773537	8.25E-08	30YrCance	8.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3757	ALL	462883	3773534	8.20E-08	30YrCance	8.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3758	ALL	462874.4	3773530	8.13E-08	30YrCance	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3759	ALL	462865.8	3773527	8.07E-08	30YrCance	8.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3760	ALL	462857.1	3773523	8.00E-08	30YrCance	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3761	ALL	462848.5	3773519	7.92E-08	30YrCance	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3762	ALL	462839.9	3773516	7.82E-08	30YrCance	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3763	ALL	462831.3	3773512	7.73E-08	30YrCance	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3764	ALL	462822.7	3773509	7.66E-08	30YrCance	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3765	ALL	462814.1	3773505	7.58E-08	30YrCance	7.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3766	ALL	462805.4	3773502	7.51E-08	30YrCance	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3767	ALL	462796.8	3773498	7.43E-08	30YrCance	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3768	ALL	462788.2	3773495	7.34E-08	30YrCance	7.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3769	ALL	462779.6	3773491	7.24E-08	30YrCance	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3770	ALL	462771	3773488	7.12E-08	30YrCance	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3771	ALL	462704.7	3773454	6.41E-08	30YrCance	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3772	ALL	462701.1	3773446	6.48E-08	30YrCance	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3773	ALL	462697.5	3773437	6.62E-08	30YrCance	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3774	ALL	462693.9	3773429	6.67E-08	30YrCance	6.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3775	ALL	462690.2	3773420	6.71E-08	30YrCance	6.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3776	ALL	462686.6	3773411	6.73E-08	30YrCance	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3777	ALL	462683	3773403	6.76E-08	30YrCance	6.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3778	ALL	462679.4	3773394	6.78E-08	30YrCance	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3779	ALL	462675.7	3773386	6.80E-08	30YrCance	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3780	ALL	462672.1	3773377	6.82E-08	30YrCance	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3781	ALL	462668.5	3773368	6.83E-08	30YrCance	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3782	ALL	462664.9	3773360	6.84E-08	30YrCance	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3783	ALL	462661.2	3773351	6.84E-08	30YrCance	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3784	ALL	462657.6	3773343	6.83E-08	30YrCance	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3785	ALL	462654	3773334	6.82E-08	30YrCance	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3786	ALL	462650.3	3773326	6.80E-08	30YrCance	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3787	ALL	462646.7	3773317	6.78E-08	30YrCance	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3788	ALL	462643.1	3773308	6.75E-08	30YrCance	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3789	ALL	462639.5	3773300	6.72E-08	30YrCance	6.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3790	ALL	462635.8	3773291	6.68E-08	30YrCance	6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3791	ALL	462917.5	3773578	7.52E-08	30YrCance	7.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3792	ALL	462908.9	3773574	7.47E-08	30YrCance	7.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3793	ALL	462900.3	3773571	7.43E-08	30YrCance	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3794	ALL	462891.7	3773567	7.38E-08	30YrCance	7.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3795	ALL	462883.1	3773564	7.35E-08	30YrCance	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3796	ALL	462874.5	3773560	7.32E-08	30YrCance	7.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3797	ALL	462865.9	3773557	7.28E-08	30YrCance	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3798	ALL	462857.3	3773553	7.24E-08	30YrCance	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3799	ALL	462848.7	3773549	7.20E-08	30YrCance	7.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3800	ALL	462840.1	3773546	7.12E-08	30YrCance	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3801	ALL	462831.5	3773542	7.03E-08	30YrCance	7.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3802	ALL	462822.9	3773539	6.92E-08	30YrCance	6.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3803	ALL	462814.2	3773535	6.84E-08	30YrCance	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3804	ALL	462805.6	3773532	6.78E-08	30YrCance	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3805	ALL	462797	3773528	6.72E-08	30YrCance	6.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3806	ALL	462788.4	3773525	6.66E-08	30YrCance	6.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3807	ALL	462779.8	3773521	6.60E-08	30YrCance	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3808	ALL	462771.2	3773518	6.54E-08	30YrCance	6.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3809	ALL	462762.6	3773514	6.47E-08	30YrCance	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3810	ALL	462754	3773511	6.41E-08	30YrCance	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3811	ALL	462745.4	3773507	6.33E-08	30YrCance	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3812	ALL	462736.8	3773503	6.25E-08	30YrCance	6.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3813	ALL	462728.2	3773500	6.16E-08	30YrCance	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3814	ALL	462719.6	3773496	6.06E-08	30YrCance	6.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3815	ALL	462711	3773493	5.97E-08	30YrCance	5.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3816	ALL	462702.4	3773489	5.88E-08	30YrCance	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3817	ALL	462674.6	3773454	5.89E-08	30YrCance	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3818	ALL	462671	3773446	5.94E-08	30YrCance	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3819	ALL	462667.3	3773437	5.97E-08	30YrCance	5.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3820	ALL	462663.7	3773429	5.99E-08	30YrCance	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3821	ALL	462660.1	3773420	6.00E-08	30YrCance	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3822	ALL	462656.5	3773411	6.06E-08	30YrCance	6.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3823	ALL	462652.9	3773403	6.14E-08	30YrCance	6.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3824	ALL	462649.2	3773394	6.16E-08	30YrCance	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3825	ALL	462645.6	3773386	6.17E-08	30YrCance	6.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3826	ALL	462642	3773377	6.17E-08	30YrCance	6.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3827	ALL	462638.4	3773369	6.17E-08	30YrCance	6.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3828	ALL	462634.8	3773360	6.16E-08	30YrCance	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3829	ALL	462631.1	3773351	6.16E-08	30YrCance	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3830	ALL	462627.5	3773343	6.15E-08	30YrCance	6.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3831	ALL	462605.8	3773291	6.02E-08	30YrCance	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3832	ALL	462602.2	3773283	5.98E-08	30YrCance	5.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3833	ALL	462598.6	3773274	5.94E-08	30YrCance	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3834	ALL	462917.5	3773608	6.90E-08	30YrCance	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3835	ALL	462908.8	3773604	6.86E-08	30YrCance	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3836	ALL	462900.2	3773601	6.84E-08	30YrCance	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3837	ALL	462891.6	3773597	6.81E-08	30YrCance	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3838	ALL	462882.9	3773594	6.77E-08	30YrCance	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3839	ALL	462874.3	3773590	6.71E-08	30YrCance	6.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3840	ALL	462865.6	3773586	6.63E-08	30YrCance	6.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3841	ALL	462857	3773583	6.56E-08	30YrCance	6.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3842	ALL	462848.4	3773579	6.51E-08	30YrCance	6.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3843	ALL	462839.7	3773576	6.47E-08	30YrCance	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3844	ALL	462831.1	3773572	6.43E-08	30YrCance	6.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3845	ALL	462822.5	3773569	6.39E-08	30YrCance	6.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3846	ALL	462813.8	3773565	6.34E-08	30YrCance	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3847	ALL	462805.2	3773562	6.28E-08	30YrCance	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3848	ALL	462796.5	3773558	6.22E-08	30YrCance	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3849	ALL	462787.9	3773554	6.15E-08	30YrCance	6.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3850	ALL	462779.3	3773551	6.08E-08	30YrCance	6.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3851	ALL	462770.6	3773547	6.01E-08	30YrCance	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3852	ALL	462762	3773544	5.94E-08	30YrCance	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3853	ALL	462753.3	3773540	5.87E-08	30YrCance	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3854	ALL	462744.7	3773537	5.79E-08	30YrCance	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3855	ALL	462736.1	3773533	5.73E-08	30YrCance	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3856	ALL	462727.4	3773530	5.67E-08	30YrCance	5.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3857	ALL	462718.8	3773526	5.61E-08	30YrCance	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3858	ALL	462710.2	3773522	5.55E-08	30YrCance	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3859	ALL	462701.5	3773519	5.49E-08	30YrCance	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3860	ALL	462692.9	3773515	5.43E-08	30YrCance	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3861	ALL	462684.2	3773512	5.37E-08	30YrCance	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3862	ALL	462675.6	3773508	5.30E-08	30YrCance	5.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3863	ALL	462667	3773505	5.23E-08	30YrCance	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3864	ALL	462661.9	3773496	5.24E-08	30YrCance	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3865	ALL	462647.4	3773461	5.39E-08	30YrCance	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3866	ALL	462643.7	3773452	5.43E-08	30YrCance	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3867	ALL	462640.1	3773444	5.47E-08	30YrCance	5.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3868	ALL	462636.5	3773435	5.48E-08	30YrCance	5.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3869	ALL	462632.8	3773427	5.49E-08	30YrCance	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3870	ALL	462629.2	3773418	5.50E-08	30YrCance	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3871	ALL	462607.4	3773366	5.61E-08	30YrCance	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3872	ALL	462603.7	3773358	5.60E-08	30YrCance	5.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3873	ALL	462600.1	3773349	5.59E-08	30YrCance	5.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3874	ALL	462596.5	3773341	5.58E-08	30YrCance	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3875	ALL	462592.8	3773332	5.56E-08	30YrCance	5.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3876	ALL	462589.2	3773323	5.54E-08	30YrCance	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3877	ALL	462585.6	3773315	5.52E-08	30YrCance	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3878	ALL	462581.9	3773306	5.50E-08	30YrCance	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3879	ALL	462578.3	3773298	5.48E-08	30YrCance	5.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3880	ALL	462574.7	3773289	5.44E-08	30YrCance	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3881	ALL	462571	3773280	5.41E-08	30YrCance	5.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3882	ALL	462917.5	3773638	6.33E-08	30YrCance	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3883	ALL	462908.9	3773634	6.27E-08	30YrCance	6.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3884	ALL	462900.2	3773631	6.23E-08	30YrCance	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3885	ALL	462891.6	3773627	6.19E-08	30YrCance	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3886	ALL	462883	3773624	6.16E-08	30YrCance	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3887	ALL	462874.4	3773620	6.13E-08	30YrCance	6.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3888	ALL	462865.7	3773617	6.09E-08	30YrCance	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3889	ALL	462857.1	3773613	6.03E-08	30YrCance	6.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3890	ALL	462848.5	3773609	5.97E-08	30YrCance	5.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3891	ALL	462839.9	3773606	5.92E-08	30YrCance	5.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3892	ALL	462831.2	3773602	5.87E-08	30YrCance	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3893	ALL	462822.6	3773599	5.82E-08	30YrCance	5.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3894	ALL	462814	3773595	5.78E-08	30YrCance	5.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3895	ALL	462805.4	3773592	5.75E-08	30YrCance	5.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3896	ALL	462796.8	3773588	5.71E-08	30YrCance	5.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3897	ALL	462788.1	3773585	5.67E-08	30YrCance	5.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3898	ALL	462779.5	3773581	5.63E-08	30YrCance	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3899	ALL	462770.9	3773577	5.59E-08	30YrCance	5.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3900	ALL	462762.3	3773574	5.54E-08	30YrCance	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3901	ALL	462753.6	3773570	5.50E-08	30YrCance	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3902	ALL	462745	3773567	5.45E-08	30YrCance	5.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3903	ALL	462736.4	3773563	5.39E-08	30YrCance	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3904	ALL	462727.8	3773560	5.32E-08	30YrCance	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3905	ALL	462719.1	3773556	5.26E-08	30YrCance	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3906	ALL	462710.5	3773553	5.19E-08	30YrCance	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3907	ALL	462701.9	3773549	5.13E-08	30YrCance	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3908	ALL	462693.3	3773546	5.06E-08	30YrCance	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3909	ALL	462684.6	3773542	4.99E-08	30YrCance	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3910	ALL	462676	3773538	4.93E-08	30YrCance	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3911	ALL	462667.4	3773535	4.86E-08	30YrCance	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3912	ALL	462658.8	3773531	4.81E-08	30YrCance	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3913	ALL	462650.2	3773528	4.75E-08	30YrCance	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3914	ALL	462642.6	3773521	4.75E-08	30YrCance	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3915	ALL	462639	3773513	4.80E-08	30YrCance	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3916	ALL	462635.3	3773504	4.85E-08	30YrCance	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3917	ALL	462631.7	3773495	4.87E-08	30YrCance	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3918	ALL	462606.3	3773435	5.05E-08	30YrCance	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3919	ALL	462602.7	3773427	5.05E-08	30YrCance	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3920	ALL	462599.1	3773418	5.06E-08	30YrCance	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3921	ALL	462595.4	3773409	5.07E-08	30YrCance	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3922	ALL	462591.8	3773401	5.13E-08	30YrCance	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3923	ALL	462588.2	3773392	5.13E-08	30YrCance	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3924	ALL	462584.6	3773384	5.13E-08	30YrCance	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3925	ALL	462580.9	3773375	5.13E-08	30YrCance	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3926	ALL	462577.3	3773366	5.13E-08	30YrCance	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3927	ALL	462573.7	3773358	5.12E-08	30YrCance	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3928	ALL	462570	3773349	5.11E-08	30YrCance	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3929	ALL	462566.4	3773341	5.09E-08	30YrCance	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3930	ALL	462562.8	3773332	5.07E-08	30YrCance	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3931	ALL	462559.2	3773324	5.05E-08	30YrCance	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3932	ALL	462555.5	3773315	5.04E-08	30YrCance	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3933	ALL	462551.9	3773306	5.02E-08	30YrCance	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3934	ALL	462548.3	3773298	5.00E-08	30YrCance	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3935	ALL	462544.7	3773289	4.97E-08	30YrCance	4.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3936	ALL	462541	3773281	4.94E-08	30YrCance	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3937	ALL	462917.5	3773668	5.90E-08	30YrCance	5.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3938	ALL	462908.8	3773664	5.86E-08	30YrCance	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3939	ALL	462900.2	3773661	5.82E-08	30YrCance	5.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3940	ALL	462891.5	3773657	5.79E-08	30YrCance	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3941	ALL	462882.9	3773654	5.75E-08	30YrCance	5.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3942	ALL	462874.2	3773650	5.69E-08	30YrCance	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3943	ALL	462865.6	3773646	5.62E-08	30YrCance	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3944	ALL	462856.9	3773643	5.57E-08	30YrCance	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3945	ALL	462848.3	3773639	5.52E-08	30YrCance	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3946	ALL	462839.6	3773636	5.50E-08	30YrCance	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3947	ALL	462830.9	3773632	5.47E-08	30YrCance	5.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3948	ALL	462822.3	3773629	5.45E-08	30YrCance	5.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3949	ALL	462813.6	3773625	5.41E-08	30YrCance	5.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3950	ALL	462805	3773622	5.36E-08	30YrCance	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3951	ALL	462796.3	3773618	5.32E-08	30YrCance	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3952	ALL	462787.7	3773614	5.27E-08	30YrCance	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3953	ALL	462779	3773611	5.22E-08	30YrCance	5.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3954	ALL	462770.4	3773607	5.17E-08	30YrCance	5.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3955	ALL	462761.7	3773604	5.12E-08	30YrCance	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3956	ALL	462753.1	3773600	5.06E-08	30YrCance	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3957	ALL	462744.4	3773597	5.01E-08	30YrCance	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3958	ALL	462735.8	3773593	4.97E-08	30YrCance	4.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3959	ALL	462727.1	3773589	4.93E-08	30YrCance	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3960	ALL	462718.5	3773586	4.89E-08	30YrCance	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3961	ALL	462709.8	3773582	4.85E-08	30YrCance	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3962	ALL	462701.2	3773579	4.81E-08	30YrCance	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3963	ALL	462692.5	3773575	4.76E-08	30YrCance	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3964	ALL	462683.9	3773572	4.72E-08	30YrCance	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3965	ALL	462675.2	3773568	4.67E-08	30YrCance	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3966	ALL	462666.6	3773565	4.62E-08	30YrCance	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3967	ALL	462657.9	3773561	4.56E-08	30YrCance	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3968	ALL	462649.2	3773557	4.50E-08	30YrCance	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3969	ALL	462640.6	3773554	4.44E-08	30YrCance	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3970	ALL	462631.9	3773550	4.38E-08	30YrCance	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3971	ALL	462604.5	3773502	4.52E-08	30YrCance	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3972	ALL	462600.8	3773494	4.53E-08	30YrCance	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3973	ALL	462597.2	3773485	4.54E-08	30YrCance	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3974	ALL	462586.3	3773459	4.62E-08	30YrCance	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3975	ALL	462582.6	3773450	4.65E-08	30YrCance	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3976	ALL	462579	3773442	4.66E-08	30YrCance	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3977	ALL	462575.4	3773433	4.66E-08	30YrCance	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3978	ALL	462571.7	3773425	4.66E-08	30YrCance	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3979	ALL	462568.1	3773416	4.67E-08	30YrCance	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3980	ALL	462564.4	3773407	4.66E-08	30YrCance	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3981	ALL	462560.8	3773399	4.66E-08	30YrCance	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3982	ALL	462557.2	3773390	4.65E-08	30YrCance	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3983	ALL	462553.5	3773382	4.65E-08	30YrCance	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3984	ALL	462549.9	3773373	4.71E-08	30YrCance	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3985	ALL	462546.2	3773364	4.71E-08	30YrCance	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3986	ALL	462542.6	3773356	4.70E-08	30YrCance	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3987	ALL	462539	3773347	4.69E-08	30YrCance	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3988	ALL	462535.3	3773338	4.67E-08	30YrCance	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3989	ALL	462531.7	3773330	4.65E-08	30YrCance	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3990	ALL	462528.1	3773321	4.63E-08	30YrCance	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3991	ALL	462524.4	3773313	4.62E-08	30YrCance	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3992	ALL	462520.8	3773304	4.60E-08	30YrCance	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3993	ALL	462517.1	3773295	4.58E-08	30YrCance	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3994	ALL	462513.5	3773287	4.55E-08	30YrCance	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3995	ALL	462509.9	3773278	4.52E-08	30YrCance	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3996	ALL	462917.5	3773698	5.50E-08	30YrCance	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3997	ALL	462908.8	3773694	5.48E-08	30YrCance	5.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3998	ALL	462900.2	3773691	5.43E-08	30YrCance	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3999	ALL	462891.6	3773687	5.36E-08	30YrCance	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4000	ALL	462882.9	3773684	5.30E-08	30YrCance	5.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4001	ALL	462874.3	3773680	5.26E-08	30YrCance	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4002	ALL	462865.6	3773676	5.22E-08	30YrCance	5.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4003	ALL	462857	3773673	5.17E-08	30YrCance	5.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4004	ALL	462848.4	3773669	5.12E-08	30YrCance	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4005	ALL	462839.7	3773666	5.08E-08	30YrCance	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4006	ALL	462831.1	3773662	5.04E-08	30YrCance	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4007	ALL	462822.5	3773659	5.00E-08	30YrCance	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4008	ALL	462813.8	3773655	4.96E-08	30YrCance	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4009	ALL	462805.2	3773652	4.94E-08	30YrCance	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4010	ALL	462796.5	3773648	4.92E-08	30YrCance	4.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4011	ALL	462787.9	3773644	4.89E-08	30YrCance	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4012	ALL	462779.3	3773641	4.86E-08	30YrCance	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4013	ALL	462770.6	3773637	4.83E-08	30YrCance	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4014	ALL	462762	3773634	4.80E-08	30YrCance	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4015	ALL	462753.3	3773630	4.77E-08	30YrCance	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4016	ALL	462744.7	3773627	4.74E-08	30YrCance	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4017	ALL	462736.1	3773623	4.69E-08	30YrCance	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4018	ALL	462727.4	3773620	4.65E-08	30YrCance	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4019	ALL	462718.8	3773616	4.60E-08	30YrCance	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4020	ALL	462710.2	3773612	4.55E-08	30YrCance	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4021	ALL	462701.5	3773609	4.50E-08	30YrCance	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4022	ALL	462692.9	3773605	4.45E-08	30YrCance	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4023	ALL	462684.2	3773602	4.40E-08	30YrCance	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4024	ALL	462675.6	3773598	4.35E-08	30YrCance	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4025	ALL	462667	3773595	4.30E-08	30YrCance	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4026	ALL	462658.3	3773591	4.27E-08	30YrCance	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4027	ALL	462649.7	3773588	4.23E-08	30YrCance	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4028	ALL	462641	3773584	4.19E-08	30YrCance	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4029	ALL	462632.4	3773580	4.15E-08	30YrCance	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4030	ALL	462606.5	3773570	4.03E-08	30YrCance	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4031	ALL	462599.8	3773562	4.02E-08	30YrCance	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4032	ALL	462596.1	3773554	4.04E-08	30YrCance	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4033	ALL	462592.5	3773545	4.05E-08	30YrCance	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4034	ALL	462581.6	3773519	4.15E-08	30YrCance	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4035	ALL	462577.9	3773511	4.18E-08	30YrCance	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4036	ALL	462574.3	3773502	4.20E-08	30YrCance	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4037	ALL	462570.7	3773493	4.20E-08	30YrCance	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4038	ALL	462567	3773485	4.22E-08	30YrCance	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4039	ALL	462556.1	3773459	4.25E-08	30YrCance	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4040	ALL	462552.5	3773450	4.25E-08	30YrCance	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4041	ALL	462548.9	3773442	4.26E-08	30YrCance	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4042	ALL	462545.2	3773433	4.28E-08	30YrCance	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4043	ALL	462541.6	3773425	4.30E-08	30YrCance	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4044	ALL	462538	3773416	4.32E-08	30YrCance	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4045	ALL	462534.3	3773407	4.31E-08	30YrCance	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4046	ALL	462530.7	3773399	4.31E-08	30YrCance	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4047	ALL	462527.1	3773390	4.30E-08	30YrCance	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4048	ALL	462523.4	3773382	4.30E-08	30YrCance	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4049	ALL	462519.8	3773373	4.35E-08	30YrCance	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4050	ALL	462516.2	3773364	4.35E-08	30YrCance	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4051	ALL	462512.5	3773356	4.34E-08	30YrCance	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4052	ALL	462508.9	3773347	4.32E-08	30YrCance	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4053	ALL	462505.3	3773339	4.31E-08	30YrCance	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4054	ALL	462501.6	3773330	4.29E-08	30YrCance	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4055	ALL	462498	3773321	4.27E-08	30YrCance	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4056	ALL	462494.4	3773313	4.25E-08	30YrCance	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4057	ALL	462490.7	3773304	4.24E-08	30YrCance	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4058	ALL	462487.1	3773296	4.22E-08	30YrCance	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4059	ALL	462483.5	3773287	4.19E-08	30YrCance	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4060	ALL	462479.8	3773278	4.17E-08	30YrCance	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4061	ALL	462917.5	3773728	5.12E-08	30YrCance	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4062	ALL	462908.9	3773724	5.09E-08	30YrCance	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4063	ALL	462900.2	3773721	5.05E-08	30YrCance	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4064	ALL	462891.6	3773717	5.01E-08	30YrCance	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4065	ALL	462883	3773714	4.98E-08	30YrCance	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4066	ALL	462874.3	3773710	4.94E-08	30YrCance	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4067	ALL	462865.7	3773707	4.91E-08	30YrCance	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4068	ALL	462857.1	3773703	4.87E-08	30YrCance	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4069	ALL	462848.5	3773699	4.83E-08	30YrCance	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4070	ALL	462839.8	3773696	4.80E-08	30YrCance	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4071	ALL	462831.2	3773692	4.76E-08	30YrCance	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4072	ALL	462822.6	3773689	4.72E-08	30YrCance	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4073	ALL	462814	3773685	4.69E-08	30YrCance	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4074	ALL	462805.3	3773682	4.65E-08	30YrCance	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4075	ALL	462796.7	3773678	4.61E-08	30YrCance	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4076	ALL	462788.1	3773675	4.57E-08	30YrCance	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4077	ALL	462779.5	3773671	4.54E-08	30YrCance	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4078	ALL	462770.8	3773667	4.50E-08	30YrCance	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4079	ALL	462762.2	3773664	4.46E-08	30YrCance	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4080	ALL	462753.6	3773660	4.42E-08	30YrCance	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4081	ALL	462745	3773657	4.38E-08	30YrCance	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4082	ALL	462736.3	3773653	4.35E-08	30YrCance	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4083	ALL	462727.7	3773650	4.32E-08	30YrCance	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4084	ALL	462719.1	3773646	4.29E-08	30YrCance	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4085	ALL	462710.5	3773643	4.26E-08	30YrCance	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4086	ALL	462701.8	3773639	4.23E-08	30YrCance	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4087	ALL	462693.2	3773636	4.20E-08	30YrCance	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4088	ALL	462684.6	3773632	4.17E-08	30YrCance	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4089	ALL	462675.9	3773628	4.14E-08	30YrCance	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4090	ALL	462667.3	3773625	4.10E-08	30YrCance	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4091	ALL	462658.7	3773621	4.06E-08	30YrCance	4.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4092	ALL	462650.1	3773618	4.01E-08	30YrCance	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4093	ALL	462641.4	3773614	3.97E-08	30YrCance	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4094	ALL	462632.8	3773611	3.92E-08	30YrCance	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4095	ALL	462606.9	3773600	3.78E-08	30YrCance	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4096	ALL	462598.3	3773596	3.74E-08	30YrCance	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4097	ALL	462589.7	3773593	3.70E-08	30YrCance	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4098	ALL	462580.5	3773588	3.68E-08	30YrCance	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4099	ALL	462576.8	3773579	3.72E-08	30YrCance	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4100	ALL	462573.2	3773571	3.76E-08	30YrCance	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4101	ALL	462569.6	3773562	3.78E-08	30YrCance	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4102	ALL	462565.9	3773554	3.79E-08	30YrCance	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4103	ALL	462562.3	3773545	3.80E-08	30YrCance	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4104	ALL	462551.4	3773519	3.83E-08	30YrCance	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4105	ALL	462547.8	3773511	3.84E-08	30YrCance	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4106	ALL	462544.2	3773502	3.86E-08	30YrCance	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4107	ALL	462540.5	3773493	3.89E-08	30YrCance	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4108	ALL	462526	3773459	3.95E-08	30YrCance	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4109	ALL	462522.4	3773450	3.95E-08	30YrCance	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4110	ALL	462518.8	3773442	3.96E-08	30YrCance	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4111	ALL	462515.1	3773433	3.98E-08	30YrCance	3.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4112	ALL	462511.5	3773425	4.00E-08	30YrCance	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4113	ALL	462507.9	3773416	4.01E-08	30YrCance	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4114	ALL	462504.3	3773407	4.00E-08	30YrCance	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4115	ALL	462500.6	3773399	4.00E-08	30YrCance	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4116	ALL	462497	3773390	3.99E-08	30YrCance	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4117	ALL	462493.4	3773382	3.99E-08	30YrCance	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4118	ALL	462489.7	3773373	4.03E-08	30YrCance	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4119	ALL	462486.1	3773364	4.03E-08	30YrCance	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4120	ALL	462482.5	3773356	4.02E-08	30YrCance	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4121	ALL	462478.9	3773347	4.00E-08	30YrCance	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4122	ALL	462475.2	3773339	3.99E-08	30YrCance	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4123	ALL	462471.6	3773330	3.97E-08	30YrCance	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4124	ALL	462468	3773322	3.95E-08	30YrCance	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4125	ALL	462464.3	3773313	3.93E-08	30YrCance	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4126	ALL	462460.7	3773304	3.91E-08	30YrCance	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4127	ALL	462457.1	3773296	3.89E-08	30YrCance	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4128	ALL	462453.4	3773287	3.87E-08	30YrCance	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4129	ALL	462449.8	3773279	3.85E-08	30YrCance	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4130	ALL	462917.5	3773758	4.81E-08	30YrCance	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4131	ALL	462908.8	3773754	4.79E-08	30YrCance	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4132	ALL	462900.2	3773751	4.77E-08	30YrCance	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4133	ALL	462891.5	3773747	4.75E-08	30YrCance	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4134	ALL	462882.9	3773744	4.72E-08	30YrCance	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4135	ALL	462874.2	3773740	4.66E-08	30YrCance	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4136	ALL	462865.6	3773736	4.61E-08	30YrCance	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4137	ALL	462856.9	3773733	4.56E-08	30YrCance	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4138	ALL	462848.3	3773729	4.52E-08	30YrCance	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4139	ALL	462839.6	3773726	4.50E-08	30YrCance	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4140	ALL	462831	3773722	4.49E-08	30YrCance	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4141	ALL	462822.3	3773719	4.47E-08	30YrCance	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4142	ALL	462813.7	3773715	4.44E-08	30YrCance	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4143	ALL	462805	3773712	4.41E-08	30YrCance	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4144	ALL	462796.4	3773708	4.37E-08	30YrCance	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4145	ALL	462787.7	3773704	4.33E-08	30YrCance	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4146	ALL	462779.1	3773701	4.28E-08	30YrCance	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4147	ALL	462770.4	3773697	4.24E-08	30YrCance	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4148	ALL	462761.8	3773694	4.20E-08	30YrCance	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4149	ALL	462753.1	3773690	4.18E-08	30YrCance	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4150	ALL	462744.5	3773687	4.16E-08	30YrCance	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4151	ALL	462735.8	3773683	4.12E-08	30YrCance	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4152	ALL	462727.2	3773679	4.08E-08	30YrCance	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4153	ALL	462718.5	3773676	4.05E-08	30YrCance	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4154	ALL	462709.9	3773672	4.01E-08	30YrCance	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4155	ALL	462701.2	3773669	3.97E-08	30YrCance	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4156	ALL	462692.6	3773665	3.93E-08	30YrCance	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4157	ALL	462683.9	3773662	3.89E-08	30YrCance	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4158	ALL	462675.3	3773658	3.85E-08	30YrCance	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4159	ALL	462666.6	3773655	3.82E-08	30YrCance	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4160	ALL	462658	3773651	3.79E-08	30YrCance	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4161	ALL	462649.3	3773647	3.77E-08	30YrCance	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4162	ALL	462640.7	3773644	3.74E-08	30YrCance	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4163	ALL	462632	3773640	3.71E-08	30YrCance	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4164	ALL	462606.1	3773630	3.62E-08	30YrCance	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4165	ALL	462597.4	3773626	3.59E-08	30YrCance	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4166	ALL	462588.8	3773623	3.55E-08	30YrCance	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4167	ALL	462580.1	3773619	3.51E-08	30YrCance	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4168	ALL	462571.5	3773615	3.47E-08	30YrCance	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4169	ALL	462562.8	3773612	3.43E-08	30YrCance	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4170	ALL	462556.9	3773603	3.42E-08	30YrCance	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4171	ALL	462553.3	3773595	3.44E-08	30YrCance	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4172	ALL	462549.6	3773586	3.47E-08	30YrCance	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4173	ALL	462546	3773578	3.50E-08	30YrCance	3.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4174	ALL	462542.4	3773569	3.53E-08	30YrCance	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4175	ALL	462538.7	3773560	3.54E-08	30YrCance	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4176	ALL	462520.5	3773517	3.59E-08	30YrCance	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4177	ALL	462516.9	3773509	3.60E-08	30YrCance	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4178	ALL	462513.2	3773500	3.62E-08	30YrCance	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4179	ALL	462509.6	3773491	3.65E-08	30YrCance	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4180	ALL	462495.1	3773457	3.69E-08	30YrCance	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4181	ALL	462491.4	3773448	3.69E-08	30YrCance	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4182	ALL	462487.8	3773440	3.70E-08	30YrCance	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4183	ALL	462484.1	3773431	3.72E-08	30YrCance	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4184	ALL	462480.5	3773423	3.73E-08	30YrCance	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4185	ALL	462476.9	3773414	3.73E-08	30YrCance	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4186	ALL	462473.2	3773405	3.73E-08	30YrCance	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4187	ALL	462469.6	3773397	3.72E-08	30YrCance	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4188	ALL	462465.9	3773388	3.71E-08	30YrCance	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4189	ALL	462462.3	3773379	3.75E-08	30YrCance	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4190	ALL	462458.7	3773371	3.75E-08	30YrCance	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4191	ALL	462455	3773362	3.74E-08	30YrCance	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4192	ALL	462451.4	3773354	3.73E-08	30YrCance	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4193	ALL	462447.7	3773345	3.71E-08	30YrCance	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4194	ALL	462444.1	3773336	3.70E-08	30YrCance	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4195	ALL	462440.5	3773328	3.68E-08	30YrCance	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4196	ALL	462436.8	3773319	3.67E-08	30YrCance	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4197	ALL	462433.2	3773311	3.65E-08	30YrCance	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4198	ALL	462429.6	3773302	3.63E-08	30YrCance	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4199	ALL	462425.9	3773293	3.61E-08	30YrCance	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4200	ALL	462422.3	3773285	3.59E-08	30YrCance	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4201	ALL	462418.6	3773276	3.58E-08	30YrCance	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4202	ALL	462917.5	3773788	4.51E-08	30YrCance	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4203	ALL	462908.8	3773784	4.47E-08	30YrCance	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4204	ALL	462900.2	3773781	4.44E-08	30YrCance	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4205	ALL	462891.6	3773777	4.40E-08	30YrCance	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4206	ALL	462882.9	3773774	4.38E-08	30YrCance	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4207	ALL	462874.3	3773770	4.35E-08	30YrCance	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4208	ALL	462865.6	3773766	4.32E-08	30YrCance	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4209	ALL	462857	3773763	4.28E-08	30YrCance	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4210	ALL	462848.4	3773759	4.24E-08	30YrCance	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4211	ALL	462839.7	3773756	4.20E-08	30YrCance	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4212	ALL	462831.1	3773752	4.17E-08	30YrCance	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4213	ALL	462822.5	3773749	4.14E-08	30YrCance	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4214	ALL	462813.8	3773745	4.11E-08	30YrCance	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4215	ALL	462805.2	3773742	4.09E-08	30YrCance	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4216	ALL	462796.5	3773738	4.08E-08	30YrCance	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4217	ALL	462787.9	3773734	4.05E-08	30YrCance	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4218	ALL	462779.3	3773731	4.02E-08	30YrCance	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4219	ALL	462770.6	3773727	3.97E-08	30YrCance	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4220	ALL	462762	3773724	3.92E-08	30YrCance	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4221	ALL	462753.3	3773720	3.88E-08	30YrCance	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4222	ALL	462744.7	3773717	3.85E-08	30YrCance	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4223	ALL	462736.1	3773713	3.83E-08	30YrCance	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4224	ALL	462727.4	3773710	3.81E-08	30YrCance	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4225	ALL	462718.8	3773706	3.79E-08	30YrCance	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4226	ALL	462710.2	3773702	3.76E-08	30YrCance	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4227	ALL	462701.5	3773699	3.74E-08	30YrCance	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4228	ALL	462692.9	3773695	3.72E-08	30YrCance	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4229	ALL	462684.2	3773692	3.70E-08	30YrCance	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4230	ALL	462675.6	3773688	3.68E-08	30YrCance	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4231	ALL	462667	3773685	3.65E-08	30YrCance	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4232	ALL	462658.3	3773681	3.61E-08	30YrCance	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4233	ALL	462649.7	3773678	3.58E-08	30YrCance	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4234	ALL	462641	3773674	3.54E-08	30YrCance	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4235	ALL	462632.4	3773670	3.51E-08	30YrCance	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4236	ALL	462606.5	3773660	3.40E-08	30YrCance	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4237	ALL	462597.9	3773656	3.36E-08	30YrCance	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4238	ALL	462589.2	3773653	3.34E-08	30YrCance	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4239	ALL	462580.6	3773649	3.31E-08	30YrCance	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4240	ALL	462571.9	3773646	3.29E-08	30YrCance	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4241	ALL	462563.3	3773642	3.26E-08	30YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4242	ALL	462554.7	3773638	3.23E-08	30YrCance	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4243	ALL	462546	3773635	3.21E-08	30YrCance	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4244	ALL	462538.2	3773631	3.19E-08	30YrCance	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4245	ALL	462520.1	3773588	3.25E-08	30YrCance	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4246	ALL	462516.4	3773579	3.26E-08	30YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4247	ALL	462512.8	3773570	3.26E-08	30YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4248	ALL	462509.2	3773562	3.28E-08	30YrCance	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4249	ALL	462505.5	3773553	3.31E-08	30YrCance	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4250	ALL	462501.9	3773544	3.34E-08	30YrCance	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4251	ALL	462491	3773519	3.38E-08	30YrCance	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4252	ALL	462487.3	3773510	3.38E-08	30YrCance	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4253	ALL	462483.7	3773501	3.39E-08	30YrCance	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4254	ALL	462480.1	3773493	3.42E-08	30YrCance	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4255	ALL	462465.5	3773458	3.46E-08	30YrCance	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4256	ALL	462461.9	3773450	3.45E-08	30YrCance	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4257	ALL	462458.3	3773441	3.46E-08	30YrCance	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4258	ALL	462454.6	3773433	3.47E-08	30YrCance	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4259	ALL	462451	3773424	3.47E-08	30YrCance	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4260	ALL	462447.4	3773415	3.47E-08	30YrCance	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4261	ALL	462443.7	3773407	3.46E-08	30YrCance	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4262	ALL	462440.1	3773398	3.46E-08	30YrCance	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4263	ALL	462436.5	3773390	3.46E-08	30YrCance	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4264	ALL	462432.8	3773381	3.45E-08	30YrCance	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4265	ALL	462429.2	3773372	3.44E-08	30YrCance	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4266	ALL	462425.6	3773364	3.43E-08	30YrCance	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4267	ALL	462421.9	3773355	3.42E-08	30YrCance	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4268	ALL	462418.3	3773347	3.45E-08	30YrCance	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4269	ALL	462414.7	3773338	3.45E-08	30YrCance	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4270	ALL	462411	3773329	3.44E-08	30YrCance	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4271	ALL	462407.4	3773321	3.42E-08	30YrCance	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4272	ALL	462403.8	3773312	3.41E-08	30YrCance	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4273	ALL	462400.1	3773304	3.39E-08	30YrCance	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4274	ALL	462396.5	3773295	3.37E-08	30YrCance	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4275	ALL	462917.5	3773818	4.27E-08	30YrCance	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4276	ALL	462908.8	3773814	4.24E-08	30YrCance	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4277	ALL	462900.2	3773811	4.22E-08	30YrCance	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4278	ALL	462891.6	3773807	4.20E-08	30YrCance	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4279	ALL	462883	3773804	4.17E-08	30YrCance	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4280	ALL	462874.3	3773800	4.14E-08	30YrCance	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4281	ALL	462865.7	3773796	4.10E-08	30YrCance	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4282	ALL	462857.1	3773793	4.07E-08	30YrCance	4.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4283	ALL	462848.5	3773789	4.04E-08	30YrCance	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4284	ALL	462839.8	3773786	4.00E-08	30YrCance	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4285	ALL	462831.2	3773782	3.97E-08	30YrCance	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4286	ALL	462822.6	3773779	3.94E-08	30YrCance	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4287	ALL	462813.9	3773775	3.92E-08	30YrCance	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4288	ALL	462805.3	3773772	3.89E-08	30YrCance	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4289	ALL	462796.7	3773768	3.86E-08	30YrCance	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4290	ALL	462788.1	3773765	3.83E-08	30YrCance	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4291	ALL	462779.4	3773761	3.80E-08	30YrCance	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4292	ALL	462770.8	3773757	3.77E-08	30YrCance	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4293	ALL	462762.2	3773754	3.74E-08	30YrCance	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4294	ALL	462753.5	3773750	3.71E-08	30YrCance	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4295	ALL	462744.9	3773747	3.68E-08	30YrCance	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4296	ALL	462736.3	3773743	3.65E-08	30YrCance	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4297	ALL	462727.7	3773740	3.62E-08	30YrCance	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4298	ALL	462719	3773736	3.59E-08	30YrCance	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4299	ALL	462710.4	3773733	3.56E-08	30YrCance	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4300	ALL	462701.8	3773729	3.52E-08	30YrCance	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4301	ALL	462693.1	3773725	3.49E-08	30YrCance	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4302	ALL	462684.5	3773722	3.46E-08	30YrCance	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4303	ALL	462675.9	3773718	3.43E-08	30YrCance	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4304	ALL	462667.3	3773715	3.40E-08	30YrCance	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4305	ALL	462658.6	3773711	3.38E-08	30YrCance	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4306	ALL	462650	3773708	3.36E-08	30YrCance	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4307	ALL	462641.4	3773704	3.34E-08	30YrCance	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4308	ALL	462632.8	3773701	3.32E-08	30YrCance	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4309	ALL	462606.9	3773690	3.26E-08	30YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4310	ALL	462598.2	3773686	3.24E-08	30YrCance	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4311	ALL	462589.6	3773683	3.20E-08	30YrCance	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4312	ALL	462581	3773679	3.17E-08	30YrCance	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4313	ALL	462572.4	3773676	3.14E-08	30YrCance	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4314	ALL	462563.7	3773672	3.11E-08	30YrCance	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4315	ALL	462555.1	3773669	3.07E-08	30YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4316	ALL	462546.5	3773665	3.04E-08	30YrCance	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4317	ALL	462537.8	3773662	3.01E-08	30YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4318	ALL	462529.2	3773658	2.98E-08	30YrCance	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4319	ALL	462520.6	3773654	2.95E-08	30YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4320	ALL	462514.7	3773646	2.96E-08	30YrCance	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4321	ALL	462511.1	3773638	2.99E-08	30YrCance	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4322	ALL	462507.4	3773629	3.00E-08	30YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4323	ALL	462500.2	3773612	3.03E-08	30YrCance	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4324	ALL	462496.5	3773603	3.05E-08	30YrCance	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4325	ALL	462492.9	3773595	3.07E-08	30YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4326	ALL	462489.3	3773586	3.07E-08	30YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4327	ALL	462485.6	3773577	3.08E-08	30YrCance	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4328	ALL	462482	3773569	3.08E-08	30YrCance	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4329	ALL	462478.4	3773560	3.10E-08	30YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4330	ALL	462474.8	3773552	3.13E-08	30YrCance	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4331	ALL	462471.1	3773543	3.16E-08	30YrCance	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4332	ALL	462460.2	3773517	3.18E-08	30YrCance	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4333	ALL	462456.6	3773509	3.18E-08	30YrCance	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4334	ALL	462453	3773500	3.19E-08	30YrCance	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4335	ALL	462449.4	3773491	3.20E-08	30YrCance	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4336	ALL	462434.8	3773457	3.22E-08	30YrCance	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4337	ALL	462431.2	3773448	3.23E-08	30YrCance	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4338	ALL	462427.6	3773440	3.23E-08	30YrCance	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4339	ALL	462423.9	3773431	3.23E-08	30YrCance	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4340	ALL	462420.3	3773423	3.22E-08	30YrCance	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4341	ALL	462416.7	3773414	3.22E-08	30YrCance	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4342	ALL	462413.1	3773405	3.23E-08	30YrCance	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4343	ALL	462409.4	3773397	3.23E-08	30YrCance	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4344	ALL	462405.8	3773388	3.24E-08	30YrCance	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4345	ALL	462402.2	3773380	3.23E-08	30YrCance	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4346	ALL	462398.5	3773371	3.22E-08	30YrCance	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4347	ALL	462917.5	3773848	4.03E-08	30YrCance	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4348	ALL	462908.8	3773844	3.99E-08	30YrCance	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4349	ALL	462900.2	3773841	3.96E-08	30YrCance	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4350	ALL	462891.5	3773837	3.93E-08	30YrCance	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4351	ALL	462882.9	3773834	3.90E-08	30YrCance	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4352	ALL	462874.2	3773830	3.88E-08	30YrCance	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4353	ALL	462865.6	3773826	3.86E-08	30YrCance	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4354	ALL	462856.9	3773823	3.84E-08	30YrCance	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4355	ALL	462848.3	3773819	3.82E-08	30YrCance	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4356	ALL	462839.6	3773816	3.78E-08	30YrCance	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4357	ALL	462831	3773812	3.74E-08	30YrCance	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4358	ALL	462822.3	3773809	3.69E-08	30YrCance	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4359	ALL	462813.7	3773805	3.66E-08	30YrCance	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4360	ALL	462805	3773802	3.64E-08	30YrCance	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4361	ALL	462796.4	3773798	3.62E-08	30YrCance	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4362	ALL	462787.8	3773794	3.60E-08	30YrCance	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4363	ALL	462779.1	3773791	3.59E-08	30YrCance	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4364	ALL	462770.5	3773787	3.57E-08	30YrCance	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4365	ALL	462761.8	3773784	3.55E-08	30YrCance	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4366	ALL	462753.2	3773780	3.53E-08	30YrCance	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4367	ALL	462744.5	3773777	3.52E-08	30YrCance	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4368	ALL	462735.9	3773773	3.49E-08	30YrCance	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4369	ALL	462727.2	3773770	3.46E-08	30YrCance	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4370	ALL	462718.6	3773766	3.41E-08	30YrCance	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4371	ALL	462709.9	3773762	3.37E-08	30YrCance	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4372	ALL	462701.3	3773759	3.34E-08	30YrCance	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4373	ALL	462692.6	3773755	3.32E-08	30YrCance	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4374	ALL	462684	3773752	3.30E-08	30YrCance	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4375	ALL	462675.3	3773748	3.28E-08	30YrCance	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4376	ALL	462666.7	3773745	3.26E-08	30YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4377	ALL	462658	3773741	3.23E-08	30YrCance	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4378	ALL	462649.4	3773737	3.20E-08	30YrCance	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4379	ALL	462640.7	3773734	3.17E-08	30YrCance	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4380	ALL	462632.1	3773730	3.14E-08	30YrCance	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4381	ALL	462606.1	3773720	3.06E-08	30YrCance	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4382	ALL	462597.5	3773716	3.03E-08	30YrCance	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4383	ALL	462588.8	3773713	3.01E-08	30YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4384	ALL	462580.2	3773709	2.99E-08	30YrCance	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4385	ALL	462571.5	3773705	2.97E-08	30YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4386	ALL	462562.9	3773702	2.95E-08	30YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4387	ALL	462554.2	3773698	2.93E-08	30YrCance	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4388	ALL	462545.6	3773695	2.91E-08	30YrCance	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4389	ALL	462537	3773691	2.89E-08	30YrCance	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4390	ALL	462528.3	3773688	2.87E-08	30YrCance	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4391	ALL	462519.7	3773684	2.85E-08	30YrCance	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4392	ALL	462511	3773681	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4393	ALL	462502.4	3773677	2.75E-08	30YrCance	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4394	ALL	462494.8	3773670	2.74E-08	30YrCance	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4395	ALL	462491.1	3773662	2.77E-08	30YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4396	ALL	462487.5	3773653	2.79E-08	30YrCance	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4397	ALL	462483.9	3773644	2.79E-08	30YrCance	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4398	ALL	462480.2	3773636	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4399	ALL	462476.6	3773627	2.81E-08	30YrCance	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4400	ALL	462469.3	3773610	2.86E-08	30YrCance	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4401	ALL	462465.7	3773601	2.89E-08	30YrCance	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4402	ALL	462462	3773593	2.90E-08	30YrCance	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4403	ALL	462458.4	3773584	2.91E-08	30YrCance	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4404	ALL	462454.8	3773576	2.91E-08	30YrCance	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4405	ALL	462451.1	3773567	2.92E-08	30YrCance	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4406	ALL	462447.5	3773558	2.94E-08	30YrCance	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4407	ALL	462443.8	3773550	2.96E-08	30YrCance	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4408	ALL	462440.2	3773541	2.98E-08	30YrCance	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4409	ALL	462432.9	3773524	3.00E-08	30YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4410	ALL	462429.3	3773515	3.00E-08	30YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4411	ALL	462425.7	3773507	3.00E-08	30YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4412	ALL	462422	3773498	2.99E-08	30YrCance	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4413	ALL	462418.4	3773489	2.99E-08	30YrCance	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4414	ALL	462403.8	3773455	3.03E-08	30YrCance	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4415	ALL	462400.2	3773446	3.04E-08	30YrCance	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4416	ALL	462917.5	3773888	3.75E-08	30YrCance	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4417	ALL	462908.8	3773884	3.73E-08	30YrCance	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4418	ALL	462900.2	3773881	3.71E-08	30YrCance	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4419	ALL	462891.6	3773877	3.68E-08	30YrCance	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4420	ALL	462882.9	3773874	3.66E-08	30YrCance	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4421	ALL	462874.3	3773870	3.64E-08	30YrCance	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4422	ALL	462865.7	3773866	3.62E-08	30YrCance	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4423	ALL	462857	3773863	3.59E-08	30YrCance	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4424	ALL	462848.4	3773859	3.56E-08	30YrCance	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4425	ALL	462839.8	3773856	3.52E-08	30YrCance	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4426	ALL	462831.1	3773852	3.48E-08	30YrCance	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4427	ALL	462822.5	3773849	3.45E-08	30YrCance	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4428	ALL	462813.9	3773845	3.43E-08	30YrCance	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4429	ALL	462805.2	3773842	3.41E-08	30YrCance	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4430	ALL	462796.6	3773838	3.40E-08	30YrCance	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4431	ALL	462787.9	3773834	3.37E-08	30YrCance	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4432	ALL	462779.3	3773831	3.35E-08	30YrCance	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4433	ALL	462770.7	3773827	3.32E-08	30YrCance	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4434	ALL	462762	3773824	3.30E-08	30YrCance	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4435	ALL	462753.4	3773820	3.27E-08	30YrCance	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4436	ALL	462744.8	3773817	3.25E-08	30YrCance	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4437	ALL	462736.1	3773813	3.22E-08	30YrCance	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4438	ALL	462727.5	3773810	3.20E-08	30YrCance	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4439	ALL	462718.9	3773806	3.17E-08	30YrCance	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4440	ALL	462710.2	3773803	3.15E-08	30YrCance	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4441	ALL	462701.6	3773799	3.12E-08	30YrCance	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4442	ALL	462693	3773795	3.09E-08	30YrCance	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4443	ALL	462684.3	3773792	3.07E-08	30YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4444	ALL	462675.7	3773788	3.04E-08	30YrCance	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4445	ALL	462667.1	3773785	3.02E-08	30YrCance	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4446	ALL	462658.4	3773781	2.99E-08	30YrCance	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4447	ALL	462649.8	3773778	2.97E-08	30YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4448	ALL	462641.1	3773774	2.95E-08	30YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4449	ALL	462632.5	3773771	2.93E-08	30YrCance	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4450	ALL	462598	3773756	2.86E-08	30YrCance	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4451	ALL	462589.3	3773753	2.84E-08	30YrCance	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4452	ALL	462580.7	3773749	2.83E-08	30YrCance	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4453	ALL	462572.1	3773746	2.81E-08	30YrCance	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4454	ALL	462563.4	3773742	2.78E-08	30YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4455	ALL	462554.8	3773739	2.75E-08	30YrCance	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4456	ALL	462546.2	3773735	2.73E-08	30YrCance	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4457	ALL	462537.5	3773731	2.70E-08	30YrCance	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4458	ALL	462528.9	3773728	2.68E-08	30YrCance	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4459	ALL	462520.3	3773724	2.65E-08	30YrCance	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4460	ALL	462511.6	3773721	2.63E-08	30YrCance	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4461	ALL	462503	3773717	2.60E-08	30YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4462	ALL	462494.3	3773714	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4463	ALL	462485.7	3773710	2.55E-08	30YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4464	ALL	462477.1	3773707	2.52E-08	30YrCance	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4465	ALL	462467.8	3773702	2.50E-08	30YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4466	ALL	462464.2	3773693	2.51E-08	30YrCance	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4467	ALL	462460.6	3773684	2.52E-08	30YrCance	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4468	ALL	462456.9	3773676	2.54E-08	30YrCance	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4469	ALL	462453.3	3773667	2.57E-08	30YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4470	ALL	462449.7	3773659	2.60E-08	30YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4471	ALL	462446	3773650	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4472	ALL	462442.4	3773641	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4473	ALL	462438.8	3773633	2.62E-08	30YrCance	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4474	ALL	462427.9	3773607	2.67E-08	30YrCance	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4475	ALL	462424.2	3773598	2.69E-08	30YrCance	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4476	ALL	462420.6	3773590	2.69E-08	30YrCance	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4477	ALL	462417	3773581	2.69E-08	30YrCance	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4478	ALL	462413.3	3773573	2.70E-08	30YrCance	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4479	ALL	462409.7	3773564	2.71E-08	30YrCance	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4480	ALL	462406.1	3773555	2.72E-08	30YrCance	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4481	ALL	462402.4	3773547	2.72E-08	30YrCance	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4482	ALL	462398.8	3773538	2.71E-08	30YrCance	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4483	ALL	462917.5	3773928	3.54E-08	30YrCance	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4484	ALL	462908.8	3773924	3.51E-08	30YrCance	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4485	ALL	462900.2	3773921	3.48E-08	30YrCance	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4486	ALL	462891.5	3773917	3.45E-08	30YrCance	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4487	ALL	462882.9	3773914	3.42E-08	30YrCance	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4488	ALL	462874.2	3773910	3.39E-08	30YrCance	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4489	ALL	462865.6	3773906	3.36E-08	30YrCance	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4490	ALL	462856.9	3773903	3.33E-08	30YrCance	3.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4491	ALL	462848.3	3773899	3.30E-08	30YrCance	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4492	ALL	462839.6	3773896	3.28E-08	30YrCance	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4493	ALL	462831	3773892	3.25E-08	30YrCance	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4494	ALL	462822.3	3773889	3.22E-08	30YrCance	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4495	ALL	462813.7	3773885	3.20E-08	30YrCance	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4496	ALL	462805	3773882	3.17E-08	30YrCance	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4497	ALL	462796.4	3773878	3.15E-08	30YrCance	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4498	ALL	462787.7	3773874	3.12E-08	30YrCance	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4499	ALL	462779.1	3773871	3.10E-08	30YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4500	ALL	462770.4	3773867	3.08E-08	30YrCance	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4501	ALL	462761.8	3773864	3.06E-08	30YrCance	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4502	ALL	462753.1	3773860	3.04E-08	30YrCance	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4503	ALL	462744.5	3773857	3.03E-08	30YrCance	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4504	ALL	462735.8	3773853	3.01E-08	30YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4505	ALL	462727.2	3773849	3.00E-08	30YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4506	ALL	462718.5	3773846	2.98E-08	30YrCance	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4507	ALL	462709.9	3773842	2.97E-08	30YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4508	ALL	462701.2	3773839	2.95E-08	30YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4509	ALL	462692.6	3773835	2.94E-08	30YrCance	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4510	ALL	462683.9	3773832	2.91E-08	30YrCance	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4511	ALL	462675.3	3773828	2.89E-08	30YrCance	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4512	ALL	462666.6	3773825	2.86E-08	30YrCance	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4513	ALL	462658	3773821	2.83E-08	30YrCance	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4514	ALL	462649.3	3773817	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4515	ALL	462640.7	3773814	2.78E-08	30YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4516	ALL	462632	3773810	2.77E-08	30YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4517	ALL	462606.1	3773800	2.71E-08	30YrCance	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4518	ALL	462597.4	3773796	2.68E-08	30YrCance	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4519	ALL	462588.8	3773793	2.66E-08	30YrCance	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4520	ALL	462580.1	3773789	2.64E-08	30YrCance	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4521	ALL	462571.5	3773785	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4522	ALL	462562.8	3773782	2.59E-08	30YrCance	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4523	ALL	462554.2	3773778	2.57E-08	30YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4524	ALL	462545.5	3773775	2.55E-08	30YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4525	ALL	462536.9	3773771	2.53E-08	30YrCance	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4526	ALL	462502.3	3773757	2.47E-08	30YrCance	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4527	ALL	462493.6	3773753	2.45E-08	30YrCance	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4528	ALL	462485	3773750	2.43E-08	30YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4529	ALL	462476.3	3773746	2.40E-08	30YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4530	ALL	462467.7	3773743	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4531	ALL	462459	3773739	2.33E-08	30YrCance	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4532	ALL	462450.4	3773736	2.32E-08	30YrCance	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4533	ALL	462441.7	3773732	2.30E-08	30YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4534	ALL	462436.6	3773723	2.32E-08	30YrCance	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4535	ALL	462433	3773714	2.34E-08	30YrCance	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4536	ALL	462429.4	3773706	2.35E-08	30YrCance	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4537	ALL	462425.7	3773697	2.35E-08	30YrCance	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4538	ALL	462422.1	3773688	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4539	ALL	462418.5	3773680	2.37E-08	30YrCance	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4540	ALL	462414.8	3773671	2.40E-08	30YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4541	ALL	462411.2	3773662	2.42E-08	30YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4542	ALL	462407.5	3773654	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4543	ALL	462403.9	3773645	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4544	ALL	462400.3	3773637	2.45E-08	30YrCance	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4545	ALL	462396.6	3773628	2.45E-08	30YrCance	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4546	ALL	462385.7	3773602	2.46E-08	30YrCance	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4547	ALL	462382.1	3773594	2.46E-08	30YrCance	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4548	ALL	462378.4	3773585	2.49E-08	30YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4549	ALL	462374.8	3773576	2.50E-08	30YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4550	ALL	462371.1	3773568	2.52E-08	30YrCance	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4551	ALL	462367.5	3773559	2.53E-08	30YrCance	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4552	ALL	462363.9	3773550	2.53E-08	30YrCance	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4553	ALL	462360.2	3773542	2.53E-08	30YrCance	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4554	ALL	462356.6	3773533	2.53E-08	30YrCance	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4555	ALL	462353	3773525	2.55E-08	30YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4556	ALL	462349.3	3773516	2.56E-08	30YrCance	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4557	ALL	462345.7	3773507	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4558	ALL	462342	3773499	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4559	ALL	462338.4	3773490	2.57E-08	30YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4560	ALL	462917.5	3773968	3.29E-08	30YrCance	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4561	ALL	462908.8	3773964	3.26E-08	30YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4562	ALL	462900.2	3773961	3.23E-08	30YrCance	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4563	ALL	462891.6	3773957	3.20E-08	30YrCance	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4564	ALL	462882.9	3773954	3.18E-08	30YrCance	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4565	ALL	462874.3	3773950	3.16E-08	30YrCance	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4566	ALL	462865.6	3773946	3.14E-08	30YrCance	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4567	ALL	462857	3773943	3.12E-08	30YrCance	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4568	ALL	462848.4	3773939	3.10E-08	30YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4569	ALL	462839.7	3773936	3.07E-08	30YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4570	ALL	462831.1	3773932	3.03E-08	30YrCance	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4571	ALL	462822.5	3773929	2.99E-08	30YrCance	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4572	ALL	462813.8	3773925	2.97E-08	30YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4573	ALL	462805.2	3773922	2.95E-08	30YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4574	ALL	462796.5	3773918	2.94E-08	30YrCance	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4575	ALL	462787.9	3773914	2.92E-08	30YrCance	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4576	ALL	462779.3	3773911	2.91E-08	30YrCance	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4577	ALL	462770.6	3773907	2.90E-08	30YrCance	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4578	ALL	462762	3773904	2.88E-08	30YrCance	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4579	ALL	462753.3	3773900	2.87E-08	30YrCance	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4580	ALL	462744.7	3773897	2.86E-08	30YrCance	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4581	ALL	462736.1	3773893	2.84E-08	30YrCance	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4582	ALL	462727.4	3773890	2.81E-08	30YrCance	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4583	ALL	462718.8	3773886	2.79E-08	30YrCance	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4584	ALL	462710.2	3773882	2.77E-08	30YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4585	ALL	462701.5	3773879	2.75E-08	30YrCance	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4586	ALL	462692.9	3773875	2.73E-08	30YrCance	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4587	ALL	462684.2	3773872	2.71E-08	30YrCance	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4588	ALL	462675.6	3773868	2.69E-08	30YrCance	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4589	ALL	462667	3773865	2.67E-08	30YrCance	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4590	ALL	462658.3	3773861	2.65E-08	30YrCance	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4591	ALL	462649.7	3773858	2.63E-08	30YrCance	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4592	ALL	462641	3773854	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4593	ALL	462632.4	3773850	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4594	ALL	462606.5	3773840	2.52E-08	30YrCance	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4595	ALL	462597.9	3773836	2.50E-08	30YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4596	ALL	462589.2	3773833	2.49E-08	30YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4597	ALL	462580.6	3773829	2.48E-08	30YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4598	ALL	462571.9	3773826	2.46E-08	30YrCance	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4599	ALL	462563.3	3773822	2.45E-08	30YrCance	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4600	ALL	462554.7	3773818	2.43E-08	30YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4601	ALL	462546	3773815	2.42E-08	30YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4602	ALL	462537.4	3773811	2.41E-08	30YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4603	ALL	462528.7	3773808	2.39E-08	30YrCance	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4604	ALL	462520.1	3773804	2.38E-08	30YrCance	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4605	ALL	462511.5	3773801	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4606	ALL	462502.8	3773797	2.34E-08	30YrCance	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4607	ALL	462494.2	3773794	2.31E-08	30YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4608	ALL	462485.6	3773790	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4609	ALL	462476.9	3773786	2.27E-08	30YrCance	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4610	ALL	462468.3	3773783	2.25E-08	30YrCance	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4611	ALL	462459.6	3773779	2.23E-08	30YrCance	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4612	ALL	462451	3773776	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4613	ALL	462442.4	3773772	2.19E-08	30YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4614	ALL	462409.7	3773754	2.13E-08	30YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4615	ALL	462406.1	3773745	2.13E-08	30YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4616	ALL	462402.4	3773737	2.15E-08	30YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4617	ALL	462398.8	3773728	2.17E-08	30YrCance	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4618	ALL	462395.2	3773720	2.19E-08	30YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4619	ALL	462391.5	3773711	2.20E-08	30YrCance	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4620	ALL	462387.9	3773702	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4621	ALL	462384.3	3773694	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4622	ALL	462380.6	3773685	2.22E-08	30YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4623	ALL	462377	3773677	2.22E-08	30YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4624	ALL	462373.4	3773668	2.23E-08	30YrCance	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4625	ALL	462369.7	3773659	2.22E-08	30YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4626	ALL	462366.1	3773651	2.24E-08	30YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4627	ALL	462362.5	3773642	2.26E-08	30YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4628	ALL	462358.8	3773634	2.28E-08	30YrCance	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4629	ALL	462355.2	3773625	2.30E-08	30YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4630	ALL	462351.6	3773616	2.30E-08	30YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4631	ALL	462344.3	3773599	2.30E-08	30YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4632	ALL	462340.7	3773591	2.31E-08	30YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4633	ALL	462337	3773582	2.33E-08	30YrCance	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4634	ALL	462333.4	3773573	2.35E-08	30YrCance	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4635	ALL	462329.8	3773565	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4636	ALL	462326.1	3773556	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4637	ALL	462322.5	3773548	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4638	ALL	462318.9	3773539	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4639	ALL	462315.2	3773530	2.37E-08	30YrCance	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4640	ALL	462311.6	3773522	2.38E-08	30YrCance	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4641	ALL	462308	3773513	2.39E-08	30YrCance	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4642	ALL	462304.3	3773505	2.40E-08	30YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4643	ALL	462300.7	3773496	2.40E-08	30YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4644	ALL	462917.5	3774008	3.09E-08	30YrCance	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4645	ALL	462908.8	3774004	3.05E-08	30YrCance	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4646	ALL	462900.2	3774001	3.03E-08	30YrCance	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4647	ALL	462891.5	3773997	3.02E-08	30YrCance	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4648	ALL	462882.9	3773994	3.00E-08	30YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4649	ALL	462874.2	3773990	2.97E-08	30YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4650	ALL	462865.6	3773986	2.93E-08	30YrCance	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4651	ALL	462856.9	3773983	2.88E-08	30YrCance	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4652	ALL	462848.3	3773979	2.85E-08	30YrCance	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4653	ALL	462839.6	3773976	2.84E-08	30YrCance	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4654	ALL	462831	3773972	2.82E-08	30YrCance	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4655	ALL	462822.3	3773969	2.81E-08	30YrCance	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4656	ALL	462813.7	3773965	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4657	ALL	462805	3773962	2.79E-08	30YrCance	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4658	ALL	462796.4	3773958	2.77E-08	30YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4659	ALL	462787.7	3773954	2.75E-08	30YrCance	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4660	ALL	462779.1	3773951	2.73E-08	30YrCance	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4661	ALL	462770.4	3773947	2.71E-08	30YrCance	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4662	ALL	462761.7	3773944	2.69E-08	30YrCance	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4663	ALL	462753.1	3773940	2.67E-08	30YrCance	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4664	ALL	462744.4	3773937	2.65E-08	30YrCance	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4665	ALL	462735.8	3773933	2.63E-08	30YrCance	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4666	ALL	462727.1	3773929	2.61E-08	30YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4667	ALL	462718.5	3773926	2.59E-08	30YrCance	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4668	ALL	462709.8	3773922	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4669	ALL	462701.2	3773919	2.57E-08	30YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4670	ALL	462692.5	3773915	2.56E-08	30YrCance	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4671	ALL	462683.9	3773912	2.55E-08	30YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4672	ALL	462675.2	3773908	2.54E-08	30YrCance	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4673	ALL	462666.6	3773905	2.53E-08	30YrCance	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4674	ALL	462657.9	3773901	2.51E-08	30YrCance	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4675	ALL	462649.3	3773897	2.50E-08	30YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4676	ALL	462640.6	3773894	2.49E-08	30YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4677	ALL	462632	3773890	2.47E-08	30YrCance	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4678	ALL	462606	3773880	2.41E-08	30YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4679	ALL	462597.4	3773876	2.38E-08	30YrCance	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4680	ALL	462588.7	3773873	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4681	ALL	462580.1	3773869	2.35E-08	30YrCance	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4682	ALL	462571.4	3773865	2.34E-08	30YrCance	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4683	ALL	462562.8	3773862	2.32E-08	30YrCance	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4684	ALL	462554.1	3773858	2.30E-08	30YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4685	ALL	462545.5	3773855	2.28E-08	30YrCance	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4686	ALL	462536.8	3773851	2.26E-08	30YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4687	ALL	462528.2	3773848	2.24E-08	30YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4688	ALL	462519.5	3773844	2.22E-08	30YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4689	ALL	462510.9	3773840	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4690	ALL	462502.2	3773837	2.19E-08	30YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4691	ALL	462493.6	3773833	2.18E-08	30YrCance	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4692	ALL	462484.9	3773830	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4693	ALL	462476.3	3773826	2.15E-08	30YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4694	ALL	462467.6	3773823	2.14E-08	30YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4695	ALL	462459	3773819	2.13E-08	30YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4696	ALL	462450.3	3773816	2.11E-08	30YrCance	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4697	ALL	462441.7	3773812	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4698	ALL	462433	3773808	2.05E-08	30YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4699	ALL	462424.3	3773805	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4700	ALL	462415.7	3773801	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4701	ALL	462407	3773798	2.01E-08	30YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4702	ALL	462398.4	3773794	2.00E-08	30YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4703	ALL	462389.7	3773791	1.98E-08	30YrCance	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4704	ALL	462382.2	3773784	1.98E-08	30YrCance	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4705	ALL	462378.5	3773775	2.00E-08	30YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4706	ALL	462367.6	3773749	2.01E-08	30YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4707	ALL	462364	3773741	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4708	ALL	462360.3	3773732	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4709	ALL	462356.7	3773724	2.04E-08	30YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4710	ALL	462353	3773715	2.05E-08	30YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4711	ALL	462349.4	3773706	2.05E-08	30YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4712	ALL	462345.8	3773698	2.07E-08	30YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4713	ALL	462342.1	3773689	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4714	ALL	462338.5	3773681	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4715	ALL	462334.8	3773672	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4716	ALL	462331.2	3773663	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4717	ALL	462327.6	3773655	2.10E-08	30YrCance	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4718	ALL	462323.9	3773646	2.11E-08	30YrCance	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4719	ALL	462320.3	3773637	2.13E-08	30YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4720	ALL	462316.6	3773629	2.15E-08	30YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4721	ALL	462313	3773620	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4722	ALL	462302.1	3773594	2.16E-08	30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4723	ALL	462298.5	3773586	2.18E-08	30YrCance	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4724	ALL	462294.8	3773577	2.19E-08	30YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4725	ALL	462291.2	3773568	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4726	ALL	462287.5	3773560	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4727	ALL	462283.9	3773551	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4728	ALL	462280.3	3773543	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4729	ALL	462276.6	3773534	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4730	ALL	462273	3773525	2.22E-08	30YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4731	ALL	462269.3	3773517	2.23E-08	30YrCance	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4732	ALL	462265.7	3773508	2.24E-08	30YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4733	ALL	462262.1	3773500	2.24E-08	30YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4734	ALL	462258.4	3773491	2.24E-08	30YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4735	ALL	462196.6	3773344	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4736	ALL	462192.9	3773336	2.20E-08	30YrCance	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4737	ALL	462189.3	3773327	2.19E-08	30YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4738	ALL	462900.2	3774041	2.85E-08	30YrCance	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4739	ALL	462891.6	3774037	2.82E-08	30YrCance	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4740	ALL	462882.9	3774034	2.80E-08	30YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4741	ALL	462874.3	3774030	2.77E-08	30YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4742	ALL	462865.6	3774026	2.74E-08	30YrCance	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4743	ALL	462857	3774023	2.71E-08	30YrCance	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4744	ALL	462848.3	3774019	2.70E-08	30YrCance	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4745	ALL	462839.7	3774016	2.68E-08	30YrCance	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4746	ALL	462831.1	3774012	2.66E-08	30YrCance	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4747	ALL	462822.4	3774009	2.64E-08	30YrCance	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4748	ALL	462813.8	3774005	2.62E-08	30YrCance	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4749	ALL	462805.1	3774002	2.60E-08	30YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4750	ALL	462796.5	3773998	2.57E-08	30YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4751	ALL	462787.9	3773994	2.56E-08	30YrCance	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4752	ALL	462779.2	3773991	2.54E-08	30YrCance	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4753	ALL	462770.6	3773987	2.52E-08	30YrCance	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4754	ALL	462761.9	3773984	2.50E-08	30YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4755	ALL	462753.3	3773980	2.49E-08	30YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4756	ALL	462744.7	3773977	2.48E-08	30YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4757	ALL	462736	3773973	2.47E-08	30YrCance	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4758	ALL	462727.4	3773970	2.46E-08	30YrCance	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4759	ALL	462718.7	3773966	2.45E-08	30YrCance	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4760	ALL	462710.1	3773962	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4761	ALL	462701.5	3773959	2.43E-08	30YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4762	ALL	462692.8	3773955	2.42E-08	30YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4763	ALL	462684.2	3773952	2.40E-08	30YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4764	ALL	462675.5	3773948	2.39E-08	30YrCance	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4765	ALL	462666.9	3773945	2.37E-08	30YrCance	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4766	ALL	462658.2	3773941	2.35E-08	30YrCance	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4767	ALL	462649.6	3773938	2.33E-08	30YrCance	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4768	ALL	462641	3773934	2.32E-08	30YrCance	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4769	ALL	462632.3	3773930	2.30E-08	30YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4770	ALL	462606.4	3773920	2.26E-08	30YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4771	ALL	462597.8	3773916	2.24E-08	30YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4772	ALL	462589.1	3773913	2.22E-08	30YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4773	ALL	462580.5	3773909	2.20E-08	30YrCance	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4774	ALL	462571.8	3773906	2.18E-08	30YrCance	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4775	ALL	462563.2	3773902	2.17E-08	30YrCance	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4776	ALL	462554.6	3773898	2.15E-08	30YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4777	ALL	462545.9	3773895	2.13E-08	30YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4778	ALL	462537.3	3773891	2.12E-08	30YrCance	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4779	ALL	462528.6	3773888	2.12E-08	30YrCance	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4780	ALL	462520	3773884	2.10E-08	30YrCance	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4781	ALL	462511.4	3773881	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4782	ALL	462502.7	3773877	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4783	ALL	462494.1	3773874	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4784	ALL	462485.4	3773870	2.06E-08	30YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4785	ALL	462476.8	3773866	2.05E-08	30YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4786	ALL	462468.2	3773863	2.04E-08	30YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4787	ALL	462459.5	3773859	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4788	ALL	462450.9	3773856	2.01E-08	30YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4789	ALL	462442.2	3773852	1.99E-08	30YrCance	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4790	ALL	462433.6	3773849	1.97E-08	30YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4791	ALL	462424.9	3773845	1.95E-08	30YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4792	ALL	462416.3	3773842	1.94E-08	30YrCance	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4793	ALL	462407.7	3773838	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4794	ALL	462399	3773834	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4795	ALL	462390.4	3773831	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4796	ALL	462381.7	3773827	1.88E-08	30YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4797	ALL	462373.1	3773824	1.86E-08	30YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4798	ALL	462364.5	3773820	1.85E-08	30YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4799	ALL	462355.2	3773815	1.83E-08	30YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4800	ALL	462351.6	3773807	1.83E-08	30YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4801	ALL	462347.9	3773798	1.85E-08	30YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4802	ALL	462344.3	3773789	1.87E-08	30YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4803	ALL	462340.7	3773781	1.88E-08	30YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4804	ALL	462337	3773772	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4805	ALL	462329.8	3773755	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4806	ALL	462326.1	3773746	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4807	ALL	462322.5	3773738	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4808	ALL	462318.9	3773729	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4809	ALL	462315.2	3773721	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4810	ALL	462311.6	3773712	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4811	ALL	462308	3773703	1.93E-08	30YrCance	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4812	ALL	462304.3	3773695	1.95E-08	30YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4813	ALL	462300.7	3773686	1.97E-08	30YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4814	ALL	462297.1	3773677	1.97E-08	30YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4815	ALL	462293.4	3773669	1.97E-08	30YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4816	ALL	462289.8	3773660	1.97E-08	30YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4817	ALL	462286.2	3773652	1.98E-08	30YrCance	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4818	ALL	462282.5	3773643	1.99E-08	30YrCance	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4819	ALL	462278.9	3773634	2.01E-08	30YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4820	ALL	462275.2	3773626	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4821	ALL	462271.6	3773617	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4822	ALL	462264.3	3773600	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4823	ALL	462260.7	3773591	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4824	ALL	462257.1	3773583	2.05E-08	30YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4825	ALL	462253.4	3773574	2.06E-08	30YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4826	ALL	462249.8	3773566	2.07E-08	30YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4827	ALL	462246.2	3773557	2.07E-08	30YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4828	ALL	462242.5	3773548	2.07E-08	30YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4829	ALL	462238.9	3773540	2.07E-08	30YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4830	ALL	462235.3	3773531	2.07E-08	30YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4831	ALL	462231.6	3773523	2.07E-08	30YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4832	ALL	462228	3773514	2.07E-08	30YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4833	ALL	462198.9	3773445	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4834	ALL	462195.3	3773436	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4835	ALL	462191.6	3773428	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4836	ALL	462188	3773419	2.10E-08	30YrCance	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4837	ALL	462184.4	3773411	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4838	ALL	462180.7	3773402	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4839	ALL	462177.1	3773393	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4840	ALL	462173.5	3773385	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4841	ALL	462169.8	3773376	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4842	ALL	462166.2	3773368	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4843	ALL	462162.6	3773359	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4844	ALL	462158.9	3773350	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4845	ALL	462155.3	3773342	2.07E-08	30YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4846	ALL	462151.7	3773333	2.06E-08	30YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4847	ALL	462148	3773325	2.05E-08	30YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4848	ALL	462805	3774042	2.42E-08	30YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4849	ALL	462796.3	3774038	2.41E-08	30YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4850	ALL	462787.7	3774034	2.40E-08	30YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4851	ALL	462779	3774031	2.39E-08	30YrCance	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4852	ALL	462770.4	3774027	2.38E-08	30YrCance	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4853	ALL	462761.7	3774024	2.37E-08	30YrCance	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4854	ALL	462753.1	3774020	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4855	ALL	462744.4	3774017	2.35E-08	30YrCance	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4856	ALL	462735.8	3774013	2.33E-08	30YrCance	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4857	ALL	462727.1	3774009	2.32E-08	30YrCance	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4858	ALL	462718.5	3774006	2.30E-08	30YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4859	ALL	462709.8	3774002	2.28E-08	30YrCance	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4860	ALL	462701.2	3773999	2.27E-08	30YrCance	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4861	ALL	462692.5	3773995	2.25E-08	30YrCance	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4862	ALL	462683.9	3773992	2.23E-08	30YrCance	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4863	ALL	462675.2	3773988	2.22E-08	30YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4864	ALL	462666.6	3773985	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4865	ALL	462657.9	3773981	2.20E-08	30YrCance	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4866	ALL	462649.2	3773977	2.19E-08	30YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4867	ALL	462640.6	3773974	2.18E-08	30YrCance	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4868	ALL	462631.9	3773970	2.17E-08	30YrCance	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4869	ALL	462606	3773960	2.15E-08	30YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4870	ALL	462597.3	3773956	2.14E-08	30YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4871	ALL	462588.7	3773952	2.12E-08	30YrCance	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4872	ALL	462580	3773949	2.11E-08	30YrCance	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4873	ALL	462571.4	3773945	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4874	ALL	462562.7	3773942	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4875	ALL	462554.1	3773938	2.06E-08	30YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4876	ALL	462545.4	3773935	2.04E-08	30YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4877	ALL	462536.8	3773931	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4878	ALL	462528.1	3773928	2.01E-08	30YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4879	ALL	462519.5	3773924	2.00E-08	30YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4880	ALL	462510.8	3773920	1.99E-08	30YrCance	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4881	ALL	462502.2	3773917	1.97E-08	30YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4882	ALL	462493.5	3773913	1.96E-08	30YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4883	ALL	462484.9	3773910	1.94E-08	30YrCance	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4884	ALL	462476.2	3773906	1.93E-08	30YrCance	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4885	ALL	462467.5	3773903	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4886	ALL	462458.9	3773899	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4887	ALL	462450.2	3773896	1.88E-08	30YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4888	ALL	462441.6	3773892	1.88E-08	30YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4889	ALL	462432.9	3773888	1.87E-08	30YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4890	ALL	462424.3	3773885	1.85E-08	30YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4891	ALL	462415.6	3773881	1.84E-08	30YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4892	ALL	462407	3773878	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4893	ALL	462398.3	3773874	1.80E-08	30YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4894	ALL	462389.7	3773871	1.78E-08	30YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4895	ALL	462381	3773867	1.77E-08	30YrCance	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4896	ALL	462372.4	3773863	1.76E-08	30YrCance	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4897	ALL	462363.7	3773860	1.75E-08	30YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4898	ALL	462355.1	3773856	1.74E-08	30YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4899	ALL	462346.4	3773853	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4900	ALL	462337.8	3773849	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4901	ALL	462329.1	3773846	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4902	ALL	462324	3773836	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4903	ALL	462320.4	3773828	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4904	ALL	462316.7	3773819	1.74E-08	30YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4905	ALL	462313.1	3773811	1.74E-08	30YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4906	ALL	462309.5	3773802	1.74E-08	30YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4907	ALL	462305.8	3773793	1.74E-08	30YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4908	ALL	462302.2	3773785	1.75E-08	30YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4909	ALL	462298.5	3773776	1.75E-08	30YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4910	ALL	462287.6	3773750	1.79E-08	30YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4911	ALL	462284	3773742	1.80E-08	30YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4912	ALL	462280.3	3773733	1.80E-08	30YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4913	ALL	462276.7	3773724	1.80E-08	30YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4914	ALL	462273.1	3773716	1.81E-08	30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4915	ALL	462269.4	3773707	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4916	ALL	462265.8	3773699	1.83E-08	30YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4917	ALL	462262.2	3773690	1.85E-08	30YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4918	ALL	462258.5	3773681	1.86E-08	30YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4919	ALL	462254.9	3773673	1.86E-08	30YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4920	ALL	462251.2	3773664	1.86E-08	30YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4921	ALL	462247.6	3773655	1.86E-08	30YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4922	ALL	462244	3773647	1.87E-08	30YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4923	ALL	462240.3	3773638	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4924	ALL	462236.7	3773630	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4925	ALL	462233	3773621	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4926	ALL	462163.9	3773457	1.95E-08	30YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4927	ALL	462160.2	3773449	1.95E-08	30YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4928	ALL	462156.6	3773440	1.95E-08	30YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4929	ALL	462153	3773431	1.96E-08	30YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4930	ALL	462149.3	3773423	1.96E-08	30YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4931	ALL	462145.7	3773414	1.97E-08	30YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4932	ALL	462142	3773405	1.96E-08	30YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4933	ALL	462138.4	3773397	1.96E-08	30YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4934	ALL	462134.8	3773388	1.95E-08	30YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4935	ALL	462131.1	3773380	1.94E-08	30YrCance	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4936	ALL	462127.5	3773371	1.94E-08	30YrCance	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4937	ALL	462123.8	3773362	1.93E-08	30YrCance	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4938	ALL	462120.2	3773354	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4939	ALL	462116.6	3773345	1.93E-08	30YrCance	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4940	ALL	462112.9	3773337	1.93E-08	30YrCance	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4941	ALL	462109.3	3773328	1.93E-08	30YrCance	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4942	ALL	462105.6	3773319	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4943	ALL	462102	3773311	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4944	ALL	462098.4	3773302	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4945	ALL	462094.7	3773293	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4946	ALL	462091.1	3773285	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4947	ALL	462087.4	3773276	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4948	ALL	462813.8	3774085	2.32E-08	30YrCance	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4949	ALL	462805.1	3774082	2.30E-08	30YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4950	ALL	462710	3774042	2.13E-08	30YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4951	ALL	462701.4	3774039	2.13E-08	30YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4952	ALL	462692.8	3774035	2.12E-08	30YrCance	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4953	ALL	462684.1	3774032	2.11E-08	30YrCance	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4954	ALL	462675.5	3774028	2.10E-08	30YrCance	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4955	ALL	462666.8	3774025	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4956	ALL	462658.2	3774021	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4957	ALL	462649.5	3774018	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4958	ALL	462640.9	3774014	2.07E-08	30YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4959	ALL	462632.3	3774010	2.05E-08	30YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4960	ALL	462606.3	3774000	2.01E-08	30YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4961	ALL	462597.7	3773996	1.99E-08	30YrCance	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4962	ALL	462589	3773993	1.98E-08	30YrCance	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4963	ALL	462580.4	3773989	1.97E-08	30YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4964	ALL	462571.8	3773986	1.95E-08	30YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4965	ALL	462563.1	3773982	1.95E-08	30YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4966	ALL	462554.5	3773978	1.94E-08	30YrCance	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4967	ALL	462545.8	3773975	1.93E-08	30YrCance	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4968	ALL	462537.2	3773971	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4969	ALL	462528.5	3773968	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4970	ALL	462519.9	3773964	1.87E-08	30YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4971	ALL	462511.3	3773961	1.86E-08	30YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4972	ALL	462502.6	3773957	1.84E-08	30YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4973	ALL	462494	3773954	1.84E-08	30YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4974	ALL	462485.3	3773950	1.83E-08	30YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4975	ALL	462476.7	3773946	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4976	ALL	462468	3773943	1.81E-08	30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4977	ALL	462459.4	3773939	1.81E-08	30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4978	ALL	462450.8	3773936	1.80E-08	30YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4979	ALL	462442.1	3773932	1.79E-08	30YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4980	ALL	462433.5	3773929	1.78E-08	30YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4981	ALL	462424.8	3773925	1.78E-08	30YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4982	ALL	462416.2	3773922	1.76E-08	30YrCance	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4983	ALL	462407.5	3773918	1.75E-08	30YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4984	ALL	462398.9	3773914	1.74E-08	30YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4985	ALL	462390.3	3773911	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4986	ALL	462381.6	3773907	1.70E-08	30YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4987	ALL	462373	3773904	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4988	ALL	462364.3	3773900	1.68E-08	30YrCance	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4989	ALL	462355.7	3773897	1.67E-08	30YrCance	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4990	ALL	462347	3773893	1.66E-08	30YrCance	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4991 ALL	462338.4	3773889	1.65E-08 30YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4992 ALL	462329.8	3773886	1.63E-08 30YrCance	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4993 ALL	462321.1	3773882	1.62E-08 30YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4994 ALL	462293.5	3773859	1.60E-08 30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4995 ALL	462289.8	3773851	1.60E-08 30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4996 ALL	462286.2	3773842	1.61E-08 30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4997 ALL	462282.5	3773833	1.61E-08 30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4998 ALL	462278.9	3773825	1.62E-08 30YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4999 ALL	462275.3	3773816	1.64E-08 30YrCance	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5000 ALL	462271.6	3773807	1.65E-08 30YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5001 ALL	462268	3773799	1.65E-08 30YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5002 ALL	462264.4	3773790	1.66E-08 30YrCance	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5003 ALL	462260.7	3773782	1.66E-08 30YrCance	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5004 ALL	462257.1	3773773	1.66E-08 30YrCance	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5005 ALL	462249.8	3773756	1.69E-08 30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5006 ALL	462246.2	3773747	1.70E-08 30YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5007 ALL	462242.6	3773739	1.71E-08 30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5008 ALL	462238.9	3773730	1.71E-08 30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5009 ALL	462235.3	3773721	1.71E-08 30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5010 ALL	462231.6	3773713	1.71E-08 30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5011 ALL	462228	3773704	1.73E-08 30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5012 ALL	462224.4	3773696	1.74E-08 30YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5013 ALL	462122.6	3773454	1.84E-08 30YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5014 ALL	462118.9	3773446	1.83E-08 30YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5015 ALL	462115.3	3773437	1.84E-08 30YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5016 ALL	462111.7	3773429	1.84E-08 30YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5017 ALL	462108	3773420	1.85E-08 30YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5018 ALL	462104.4	3773411	1.85E-08 30YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5019 ALL	462100.8	3773403	1.84E-08 30YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5020 ALL	462097.1	3773394	1.84E-08 30YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5021 ALL	462093.5	3773386	1.83E-08 30YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5022 ALL	462089.9	3773377	1.83E-08 30YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5023 ALL	462086.2	3773368	1.82E-08 30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5024 ALL	462082.6	3773360	1.81E-08 30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5025 ALL	462078.9	3773351	1.81E-08 30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5026 ALL	462075.3	3773343	1.81E-08 30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5027 ALL	462071.7	3773334	1.81E-08 30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5028 ALL	462053.5	3773291	1.80E-08 30YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5029 ALL	462049.9	3773282	1.80E-08 30YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5030 ALL	462813.6	3774125	2.18E-08 30YrCance	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5031 ALL	462805	3774122	2.16E-08 30YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5032 ALL	462796.3	3774118	2.14E-08 30YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5033 ALL	462787.7	3774114	2.11E-08 30YrCance	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5034 ALL	462779	3774111	2.10E-08 30YrCance	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5035 ALL	462770.4	3774107	2.08E-08 30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5036 ALL	462761.7	3774104	2.07E-08 30YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5037 ALL	462753.1	3774100	2.06E-08 30YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5038 ALL	462744.4	3774097	2.06E-08 30YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5039	ALL	462735.8	3774093	2.05E-08	30YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5040	ALL	462727.1	3774089	2.04E-08	30YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5041	ALL	462718.4	3774086	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5042	ALL	462606	3774040	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5043	ALL	462597.3	3774036	1.88E-08	30YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5044	ALL	462588.6	3774032	1.87E-08	30YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5045	ALL	462580	3774029	1.87E-08	30YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5046	ALL	462571.3	3774025	1.86E-08	30YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5047	ALL	462562.7	3774022	1.85E-08	30YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5048	ALL	462554	3774018	1.85E-08	30YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5049	ALL	462545.4	3774015	1.84E-08	30YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5050	ALL	462536.7	3774011	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5051	ALL	462528.1	3774008	1.81E-08	30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5052	ALL	462519.4	3774004	1.80E-08	30YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5053	ALL	462510.8	3774000	1.78E-08	30YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5054	ALL	462502.1	3773997	1.76E-08	30YrCance	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5055	ALL	462493.5	3773993	1.75E-08	30YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5056	ALL	462484.8	3773990	1.74E-08	30YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5057	ALL	462476.2	3773986	1.74E-08	30YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5058	ALL	462467.5	3773983	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5059	ALL	462458.8	3773979	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5060	ALL	462450.2	3773975	1.70E-08	30YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5061	ALL	462441.5	3773972	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5062	ALL	462432.9	3773968	1.68E-08	30YrCance	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5063	ALL	462424.2	3773965	1.67E-08	30YrCance	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5064	ALL	462415.6	3773961	1.65E-08	30YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5065	ALL	462406.9	3773958	1.64E-08	30YrCance	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5066	ALL	462398.3	3773954	1.63E-08	30YrCance	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5067	ALL	462389.6	3773951	1.62E-08	30YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5068	ALL	462381	3773947	1.61E-08	30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5069	ALL	462372.3	3773943	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5070	ALL	462363.7	3773940	1.58E-08	30YrCance	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5071	ALL	462355	3773936	1.57E-08	30YrCance	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5072	ALL	462346.4	3773933	1.56E-08	30YrCance	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5073	ALL	462337.7	3773929	1.55E-08	30YrCance	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5074	ALL	462329	3773926	1.54E-08	30YrCance	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5075	ALL	462320.4	3773922	1.53E-08	30YrCance	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5076	ALL	462255	3773863	1.52E-08	30YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5077	ALL	462251.3	3773854	1.52E-08	30YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5078	ALL	462247.7	3773846	1.52E-08	30YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5079	ALL	462244.1	3773837	1.52E-08	30YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5080	ALL	462240.4	3773829	1.54E-08	30YrCance	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5081	ALL	462236.8	3773820	1.55E-08	30YrCance	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5082	ALL	462233.1	3773811	1.56E-08	30YrCance	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5083	ALL	462229.5	3773803	1.57E-08	30YrCance	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5084	ALL	462225.9	3773794	1.57E-08	30YrCance	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5085	ALL	462207.7	3773751	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5086	ALL	462204	3773742	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5087	ALL	462200.4	3773734	1.61E-08	30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5088	ALL	462196.7	3773725	1.61E-08	30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5089	ALL	462185.8	3773699	1.64E-08	30YrCance	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5090	ALL	462182.2	3773691	1.65E-08	30YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5091	ALL	462178.5	3773682	1.65E-08	30YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5092	ALL	462174.9	3773673	1.65E-08	30YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5093	ALL	462171.3	3773665	1.65E-08	30YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5094	ALL	462083.9	3773458	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5095	ALL	462080.2	3773449	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5096	ALL	462076.6	3773441	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5097	ALL	462073	3773432	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5098	ALL	462054.8	3773389	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5099	ALL	462051.1	3773380	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5100	ALL	462047.5	3773372	1.70E-08	30YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5101	ALL	462043.8	3773363	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5102	ALL	462040.2	3773355	1.71E-08	30YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5103	ALL	462036.6	3773346	1.70E-08	30YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5104	ALL	462032.9	3773337	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5105	ALL	462029.3	3773329	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5106	ALL	462025.6	3773320	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5107	ALL	462022	3773311	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5108	ALL	462018.4	3773303	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5109	ALL	462014.7	3773294	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5110	ALL	462011.1	3773286	1.70E-08	30YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5111	ALL	462917.5	3774208	2.25E-08	30YrCance	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5112	ALL	462908.8	3774204	2.24E-08	30YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5113	ALL	462900.2	3774201	2.22E-08	30YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5114	ALL	462891.5	3774197	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5115	ALL	462882.9	3774194	2.19E-08	30YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5116	ALL	462874.3	3774190	2.17E-08	30YrCance	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5117	ALL	462865.6	3774186	2.14E-08	30YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5118	ALL	462857	3774183	2.12E-08	30YrCance	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5119	ALL	462848.3	3774179	2.10E-08	30YrCance	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5120	ALL	462839.7	3774176	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5121	ALL	462831	3774172	2.08E-08	30YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5122	ALL	462813.7	3774165	2.06E-08	30YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5123	ALL	462805.1	3774162	2.05E-08	30YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5124	ALL	462796.5	3774158	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5125	ALL	462787.8	3774154	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5126	ALL	462779.2	3774151	2.00E-08	30YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5127	ALL	462770.5	3774147	1.98E-08	30YrCance	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5128	ALL	462761.9	3774144	1.97E-08	30YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5129	ALL	462753.2	3774140	1.96E-08	30YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5130	ALL	462744.6	3774137	1.95E-08	30YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5131	ALL	462735.9	3774133	1.94E-08	30YrCance	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5132	ALL	462727.3	3774130	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5133	ALL	462718.7	3774126	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5134	ALL	462710	3774122	1.90E-08	30YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5135	ALL	462701.4	3774119	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5136	ALL	462692.7	3774115	1.87E-08	30YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5137	ALL	462684.1	3774112	1.86E-08	30YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5138	ALL	462675.4	3774108	1.85E-08	30YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5139	ALL	462666.8	3774105	1.84E-08	30YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5140	ALL	462658.1	3774101	1.83E-08	30YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5141	ALL	462649.5	3774098	1.83E-08	30YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5142	ALL	462640.8	3774094	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5143	ALL	462511.2	3774041	1.68E-08	30YrCance	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5144	ALL	462502.5	3774037	1.67E-08	30YrCance	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5145	ALL	462493.9	3774033	1.66E-08	30YrCance	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5146	ALL	462485.2	3774030	1.64E-08	30YrCance	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5147	ALL	462476.6	3774026	1.63E-08	30YrCance	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5148	ALL	462468	3774023	1.62E-08	30YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5149	ALL	462459.3	3774019	1.61E-08	30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5150	ALL	462450.7	3774016	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5151	ALL	462442	3774012	1.59E-08	30YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5152	ALL	462433.4	3774009	1.59E-08	30YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5153	ALL	462424.7	3774005	1.58E-08	30YrCance	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5154	ALL	462416.1	3774001	1.58E-08	30YrCance	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5155	ALL	462407.4	3773998	1.57E-08	30YrCance	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5156	ALL	462398.8	3773994	1.56E-08	30YrCance	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5157	ALL	462390.2	3773991	1.55E-08	30YrCance	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5158	ALL	462381.5	3773987	1.53E-08	30YrCance	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5159	ALL	462372.9	3773984	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5160	ALL	462364.2	3773980	1.50E-08	30YrCance	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5161	ALL	462355.6	3773977	1.49E-08	30YrCance	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5162	ALL	462346.9	3773973	1.49E-08	30YrCance	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5163	ALL	462338.3	3773969	1.48E-08	30YrCance	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5164	ALL	462329.6	3773966	1.48E-08	30YrCance	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5165	ALL	462321	3773962	1.47E-08	30YrCance	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5166	ALL	462206.2	3773843	1.45E-08	30YrCance	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5167	ALL	462202.6	3773834	1.45E-08	30YrCance	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5168	ALL	462199	3773826	1.47E-08	30YrCance	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5169	ALL	462195.3	3773817	1.48E-08	30YrCance	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5170	ALL	462191.7	3773808	1.49E-08	30YrCance	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5171	ALL	462188	3773800	1.49E-08	30YrCance	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5172	ALL	462184.4	3773791	1.49E-08	30YrCance	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5173	ALL	462180.8	3773782	1.49E-08	30YrCance	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5174	ALL	462177.1	3773774	1.50E-08	30YrCance	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5175	ALL	462173.5	3773765	1.50E-08	30YrCance	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5176	ALL	462169.9	3773757	1.50E-08	30YrCance	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5177	ALL	462166.2	3773748	1.50E-08	30YrCance	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5178	ALL	462162.6	3773739	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5179	ALL	462159	3773731	1.52E-08	30YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5180	ALL	462144.4	3773696	1.54E-08	30YrCance	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5181	ALL	462140.8	3773688	1.54E-08	30YrCance	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5182	ALL	462137.1	3773679	1.55E-08	30YrCance	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5183	ALL	462133.5	3773671	1.56E-08	30YrCance	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5184	ALL	462042.6	3773455	1.63E-08	30YrCance	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5185	ALL	462039	3773447	1.63E-08	30YrCance	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5186	ALL	462035.3	3773438	1.63E-08	30YrCance	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5187	ALL	462031.7	3773429	1.62E-08	30YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5188	ALL	462028	3773421	1.62E-08	30YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5189	ALL	462024.4	3773412	1.61E-08	30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5190	ALL	462020.8	3773404	1.61E-08	30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5191	ALL	462017.1	3773395	1.61E-08	30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5192	ALL	462013.5	3773386	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5193	ALL	462009.9	3773378	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5194	ALL	462006.2	3773369	1.61E-08	30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5195	ALL	462002.6	3773361	1.61E-08	30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5196	ALL	461999	3773352	1.61E-08	30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5197	ALL	461995.3	3773343	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5198	ALL	461991.7	3773335	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5199	ALL	461988	3773326	1.59E-08	30YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5200	ALL	461984.4	3773317	1.59E-08	30YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5201	ALL	461980.8	3773309	1.59E-08	30YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5202	ALL	461977.1	3773300	1.59E-08	30YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5203	ALL	461973.5	3773292	1.59E-08	30YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5204	ALL	461969.9	3773283	1.58E-08	30YrCance	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5205	ALL	462917.5	3774248	2.10E-08	30YrCance	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5206	ALL	462908.8	3774244	2.09E-08	30YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5207	ALL	462900.2	3774241	2.06E-08	30YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5208	ALL	462891.5	3774237	2.04E-08	30YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5209	ALL	462882.9	3774234	2.03E-08	30YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5210	ALL	462874.2	3774230	2.02E-08	30YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5211	ALL	462865.5	3774226	2.01E-08	30YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5212	ALL	462856.9	3774223	1.99E-08	30YrCance	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5213	ALL	462848.2	3774219	1.98E-08	30YrCance	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5214	ALL	462839.6	3774216	1.96E-08	30YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5215	ALL	462830.9	3774212	1.95E-08	30YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5216	ALL	462822.3	3774209	1.93E-08	30YrCance	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5217	ALL	462813.6	3774205	1.92E-08	30YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5218	ALL	462805	3774202	1.91E-08	30YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5219	ALL	462796.3	3774198	1.89E-08	30YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5220	ALL	462787.7	3774194	1.88E-08	30YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5221	ALL	462779	3774191	1.87E-08	30YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5222	ALL	462770.4	3774187	1.86E-08	30YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5223	ALL	462761.7	3774184	1.84E-08	30YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5224	ALL	462753	3774180	1.83E-08	30YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5225	ALL	462744.4	3774177	1.82E-08	30YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5226	ALL	462735.7	3774173	1.81E-08	30YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5227	ALL	462727.1	3774169	1.80E-08	30YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5228	ALL	462718.4	3774166	1.79E-08	30YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5229	ALL	462709.8	3774162	1.78E-08	30YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5230	ALL	462701.1	3774159	1.77E-08	30YrCance	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5231	ALL	462692.5	3774155	1.77E-08	30YrCance	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5232	ALL	462683.8	3774152	1.76E-08	30YrCance	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5233	ALL	462675.2	3774148	1.76E-08	30YrCance	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5234	ALL	462666.5	3774145	1.75E-08	30YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5235	ALL	462657.8	3774141	1.74E-08	30YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5236	ALL	462649.2	3774137	1.74E-08	30YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5237	ALL	462640.5	3774134	1.73E-08	30YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5238	ALL	462631.9	3774130	1.72E-08	30YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5239	ALL	462605.9	3774120	1.69E-08	30YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5240	ALL	462597.3	3774116	1.67E-08	30YrCance	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5241	ALL	462588.6	3774112	1.66E-08	30YrCance	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5242	ALL	462580	3774109	1.65E-08	30YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5243	ALL	462571.3	3774105	1.64E-08	30YrCance	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5244	ALL	462562.7	3774102	1.64E-08	30YrCance	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5245	ALL	462554	3774098	1.63E-08	30YrCance	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5246	ALL	462545.3	3774095	1.63E-08	30YrCance	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5247	ALL	462536.7	3774091	1.61E-08	30YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5248	ALL	462528	3774088	1.60E-08	30YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5249	ALL	462519.4	3774084	1.58E-08	30YrCance	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5250	ALL	462415.5	3774041	1.50E-08	30YrCance	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5251	ALL	462406.9	3774038	1.49E-08	30YrCance	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5252	ALL	462398.2	3774034	1.48E-08	30YrCance	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5253	ALL	462389.6	3774031	1.47E-08	30YrCance	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5254	ALL	462380.9	3774027	1.45E-08	30YrCance	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5255	ALL	462372.3	3774023	1.44E-08	30YrCance	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5256	ALL	462363.6	3774020	1.44E-08	30YrCance	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5257	ALL	462355	3774016	1.43E-08	30YrCance	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5258	ALL	462346.3	3774013	1.42E-08	30YrCance	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5259	ALL	462337.6	3774009	1.41E-08	30YrCance	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5260	ALL	462329	3774006	1.40E-08	30YrCance	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5261	ALL	462320.3	3774002	1.39E-08	30YrCance	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5262	ALL	462211.4	3773950	1.29E-08	30YrCance	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5263	ALL	462207.8	3773941	1.30E-08	30YrCance	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5264	ALL	462204.1	3773933	1.32E-08	30YrCance	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5265	ALL	462200.5	3773924	1.33E-08	30YrCance	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5266	ALL	462196.8	3773916	1.33E-08	30YrCance	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5267	ALL	462193.2	3773907	1.33E-08	30YrCance	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5268	ALL	462189.6	3773898	1.33E-08	30YrCance	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5269	ALL	462185.9	3773890	1.34E-08	30YrCance	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5270	ALL	462182.3	3773881	1.35E-08	30YrCance	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5271	ALL	462171.4	3773855	1.36E-08	30YrCance	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5272	ALL	462167.7	3773847	1.37E-08	30YrCance	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5273	ALL	462164.1	3773838	1.38E-08	30YrCance	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5274	ALL	462160.4	3773829	1.38E-08	30YrCance	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5275	ALL	462156.8	3773821	1.38E-08	30YrCance	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5276	ALL	462153.2	3773812	1.39E-08	30YrCance	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5277	ALL	462149.5	3773804	1.39E-08	30YrCance	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5278	ALL	462145.9	3773795	1.40E-08	30YrCance	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5279	ALL	462127.7	3773752	1.43E-08	30YrCance	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5280	ALL	462124	3773743	1.43E-08	30YrCance	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5281	ALL	462120.4	3773735	1.44E-08	30YrCance	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5282	ALL	462116.8	3773726	1.45E-08	30YrCance	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5283	ALL	462105.8	3773700	1.46E-08	30YrCance	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5284	ALL	462102.2	3773691	1.46E-08	30YrCance	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5285	ALL	462098.6	3773683	1.46E-08	30YrCance	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5286	ALL	462094.9	3773674	1.47E-08	30YrCance	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5287	ALL	462091.3	3773666	1.48E-08	30YrCance	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5288	ALL	462003.9	3773459	1.52E-08	30YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5289	ALL	462000.3	3773450	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5290	ALL	461996.6	3773441	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5291	ALL	461993	3773433	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5292	ALL	461989.3	3773424	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5293	ALL	461985.7	3773416	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5294	ALL	461982.1	3773407	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5295	ALL	461978.4	3773398	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5296	ALL	461974.8	3773390	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5297	ALL	461971.1	3773381	1.52E-08	30YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5298	ALL	461967.5	3773372	1.52E-08	30YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5299	ALL	461963.9	3773364	1.52E-08	30YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5300	ALL	461960.2	3773355	1.53E-08	30YrCance	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5301	ALL	461956.6	3773347	1.52E-08	30YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5302	ALL	461952.9	3773338	1.52E-08	30YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5303	ALL	461949.3	3773329	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5304	ALL	461945.7	3773321	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5305	ALL	461942	3773312	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5306	ALL	461938.4	3773304	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5307	ALL	461934.7	3773295	1.51E-08	30YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5308	ALL	461931.1	3773286	1.50E-08	30YrCance	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5309	ALL	462929.8	3773288	3.83E-07	30YrCance	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5310	ALL	462939.1	3773288	4.19E-07	30YrCance	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5311	ALL	462948.5	3773288	4.60E-07	30YrCance	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5312	ALL	462957.8	3773288	5.06E-07	30YrCance	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5313	ALL	462967.1	3773288	5.60E-07	30YrCance	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5314	ALL	462976.4	3773288	6.23E-07	30YrCance	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5315	ALL	462985.8	3773288	6.94E-07	30YrCance	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5316	ALL	462995.1	3773288	7.73E-07	30YrCance	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5317	ALL	463004.4	3773288	8.56E-07	30YrCance	8.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5318	ALL	462929.8	3773298	3.51E-07	30YrCance	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5319	ALL	462939.1	3773298	3.81E-07	30YrCance	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5320	ALL	462948.5	3773298	4.14E-07	30YrCance	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5321	ALL	462957.8	3773298	4.50E-07	30YrCance	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5322	ALL	462967.1	3773298	4.91E-07	30YrCance	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5323	ALL	462976.4	3773298	5.35E-07	30YrCance	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5324	ALL	462985.8	3773298	5.83E-07	30YrCance	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5325	ALL	462995.1	3773298	6.33E-07	30YrCance	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5326	ALL	462929.8	3773308	3.23E-07	30YrCance	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5327	ALL	462939.1	3773308	3.48E-07	30YrCance	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5328	ALL	462948.5	3773308	3.74E-07	30YrCance	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5329	ALL	462957.8	3773308	4.03E-07	30YrCance	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5330	ALL	462967.1	3773308	4.34E-07	30YrCance	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5331	ALL	462976.4	3773308	4.66E-07	30YrCance	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5332	ALL	462985.8	3773308	5.00E-07	30YrCance	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5333	ALL	462995.1	3773308	5.34E-07	30YrCance	5.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5334	ALL	463004.4	3773308	5.66E-07	30YrCance	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5335	ALL	462929.8	3773318	2.98E-07	30YrCance	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5336	ALL	462939.1	3773318	3.18E-07	30YrCance	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5337	ALL	462948.5	3773318	3.40E-07	30YrCance	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5338	ALL	462957.8	3773318	3.62E-07	30YrCance	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5339	ALL	462967.1	3773318	3.86E-07	30YrCance	3.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5340	ALL	462976.4	3773318	4.11E-07	30YrCance	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5341	ALL	462985.8	3773318	4.35E-07	30YrCance	4.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5342	ALL	462995.1	3773318	4.59E-07	30YrCance	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5343	ALL	462929.8	3773328	2.75E-07	30YrCance	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5344	ALL	462939.1	3773328	2.92E-07	30YrCance	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5345	ALL	462948.5	3773328	3.09E-07	30YrCance	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5346	ALL	462957.8	3773328	3.28E-07	30YrCance	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5347	ALL	462967.1	3773328	3.46E-07	30YrCance	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5348	ALL	462976.4	3773328	3.65E-07	30YrCance	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5349	ALL	462985.8	3773328	3.84E-07	30YrCance	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5350	ALL	462995.1	3773328	4.02E-07	30YrCance	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5351	ALL	462929.8	3773338	2.54E-07	30YrCance	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5352	ALL	462939.1	3773338	2.68E-07	30YrCance	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5353	ALL	462948.5	3773338	2.83E-07	30YrCance	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5354	ALL	462957.8	3773338	2.97E-07	30YrCance	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5355	ALL	462967.1	3773338	3.12E-07	30YrCance	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5356	ALL	462976.4	3773338	3.27E-07	30YrCance	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5357	ALL	462985.8	3773338	3.42E-07	30YrCance	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5358	ALL	462995.1	3773338	3.56E-07	30YrCance	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5359	ALL	463004.4	3773338	3.68E-07	30YrCance	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5360	ALL	462929.8	3773348	2.36E-07	30YrCance	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5361	ALL	462939.1	3773348	2.47E-07	30YrCance	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5362	ALL	462948.5	3773348	2.59E-07	30YrCance	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5363	ALL	462957.8	3773348	2.71E-07	30YrCance	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5364	ALL	462967.1	3773348	2.83E-07	30YrCance	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5365	ALL	462976.4	3773348	2.96E-07	30YrCance	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5366	ALL	462985.8	3773348	3.08E-07	30YrCance	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5367	ALL	462995.1	3773348	3.19E-07	30YrCance	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5368	ALL	462929.8	3773368	2.05E-07	30YrCance	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5369	ALL	462939.1	3773368	2.13E-07	30YrCance	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5370	ALL	462948.5	3773368	2.22E-07	30YrCance	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5371	ALL	462957.8	3773368	2.30E-07	30YrCance	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5372	ALL	462967.1	3773368	2.39E-07	30YrCance	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5373	ALL	462976.4	3773368	2.47E-07	30YrCance	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5374	ALL	462985.8	3773368	2.55E-07	30YrCance	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5375 ALL	462995.1	3773368	2.62E-07 30YrCance	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5376 ALL	462929.8	3773388	1.81E-07 30YrCance	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5377 ALL	462939.1	3773388	1.87E-07 30YrCance	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5378 ALL	462948.5	3773388	1.93E-07 30YrCance	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5379 ALL	462957.8	3773388	1.99E-07 30YrCance	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5380 ALL	462967.1	3773388	2.05E-07 30YrCance	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5381 ALL	462976.4	3773388	2.11E-07 30YrCance	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5382 ALL	462985.8	3773388	2.17E-07 30YrCance	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5383 ALL	462995.1	3773388	2.22E-07 30YrCance	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5384 ALL	462929.8	3773408	1.60E-07 30YrCance	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5385 ALL	462939.1	3773408	1.65E-07 30YrCance	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5386 ALL	462948.5	3773408	1.70E-07 30YrCance	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5387 ALL	462957.8	3773408	1.74E-07 30YrCance	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5388 ALL	462967.1	3773408	1.79E-07 30YrCance	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5389 ALL	462976.4	3773408	1.83E-07 30YrCance	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5390 ALL	462985.8	3773408	1.88E-07 30YrCance	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5391 ALL	462995.1	3773408	1.91E-07 30YrCance	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5392 ALL	463004.4	3773408	1.95E-07 30YrCance	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5393 ALL	462929.8	3773428	1.44E-07 30YrCance	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5394 ALL	462939.1	3773428	1.48E-07 30YrCance	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5395 ALL	462948.5	3773428	1.52E-07 30YrCance	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5396 ALL	462957.8	3773428	1.55E-07 30YrCance	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5397 ALL	462967.1	3773428	1.59E-07 30YrCance	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5398 ALL	462976.4	3773428	1.62E-07 30YrCance	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5399 ALL	462985.8	3773428	1.65E-07 30YrCance	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5400 ALL	462995.1	3773428	1.69E-07 30YrCance	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5401 ALL	463004.4	3773428	1.72E-07 30YrCance	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5402 ALL	462929.8	3773448	1.31E-07 30YrCance	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5403 ALL	462939.1	3773448	1.34E-07 30YrCance	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5404 ALL	462948.5	3773448	1.37E-07 30YrCance	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5405 ALL	462957.8	3773448	1.40E-07 30YrCance	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5406 ALL	462967.1	3773448	1.43E-07 30YrCance	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5407 ALL	462976.4	3773448	1.45E-07 30YrCance	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5408 ALL	462985.8	3773448	1.48E-07 30YrCance	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5409 ALL	462995.1	3773448	1.51E-07 30YrCance	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5410 ALL	463004.4	3773448	1.53E-07 30YrCance	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5411 ALL	462929.8	3773488	1.08E-07 30YrCance	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5412 ALL	462939.1	3773488	1.10E-07 30YrCance	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5413 ALL	462948.5	3773488	1.12E-07 30YrCance	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5414 ALL	462957.8	3773488	1.14E-07 30YrCance	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5415 ALL	462967.1	3773488	1.16E-07 30YrCance	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5416 ALL	462976.4	3773488	1.18E-07 30YrCance	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5417 ALL	462985.8	3773488	1.20E-07 30YrCance	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5418 ALL	462995.1	3773488	1.22E-07 30YrCance	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5419 ALL	462929.8	3773508	9.94E-08 30YrCance	9.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5420 ALL	462939.1	3773508	1.02E-07 30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5421 ALL	462948.5	3773508	1.04E-07 30YrCance	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5422 ALL	462957.8	3773508	1.06E-07 30YrCance	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5423	ALL	462967.1	3773508	1.07E-07	30YrCance	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5424	ALL	462976.4	3773508	1.09E-07	30YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5425	ALL	462985.8	3773508	1.11E-07	30YrCance	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5426	ALL	462995.1	3773508	1.12E-07	30YrCance	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5427	ALL	462929.8	3773528	9.20E-08	30YrCance	9.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5428	ALL	462939.1	3773528	9.38E-08	30YrCance	9.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5429	ALL	462948.5	3773528	9.54E-08	30YrCance	9.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5430	ALL	462957.8	3773528	9.70E-08	30YrCance	9.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5431	ALL	462967.1	3773528	9.86E-08	30YrCance	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5432	ALL	462976.4	3773528	1.00E-07	30YrCance	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5433	ALL	462985.8	3773528	1.02E-07	30YrCance	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5434	ALL	462995.1	3773528	1.03E-07	30YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5435	ALL	462929.8	3773548	8.50E-08	30YrCance	8.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5436	ALL	462939.1	3773548	8.65E-08	30YrCance	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5437	ALL	462948.5	3773548	8.82E-08	30YrCance	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5438	ALL	462957.8	3773548	8.99E-08	30YrCance	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5439	ALL	462967.1	3773548	9.16E-08	30YrCance	9.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5440	ALL	462976.4	3773548	9.31E-08	30YrCance	9.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5441	ALL	462985.8	3773548	9.45E-08	30YrCance	9.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5442	ALL	462995.1	3773548	9.58E-08	30YrCance	9.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5443	ALL	462929.8	3773578	7.67E-08	30YrCance	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5444	ALL	462939.1	3773578	7.79E-08	30YrCance	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5445	ALL	462948.5	3773578	7.95E-08	30YrCance	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5446	ALL	462957.8	3773578	8.11E-08	30YrCance	8.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5447	ALL	462967.1	3773578	8.27E-08	30YrCance	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5448	ALL	462976.4	3773578	8.40E-08	30YrCance	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5449	ALL	462985.8	3773578	8.53E-08	30YrCance	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5450	ALL	462995.1	3773578	8.65E-08	30YrCance	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5451	ALL	462929.8	3773608	7.06E-08	30YrCance	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5452	ALL	462939.1	3773608	7.19E-08	30YrCance	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5453	ALL	462948.5	3773608	7.30E-08	30YrCance	7.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5454	ALL	462957.8	3773608	7.41E-08	30YrCance	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5455	ALL	462967.1	3773608	7.52E-08	30YrCance	7.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5456	ALL	462976.4	3773608	7.63E-08	30YrCance	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5457	ALL	462985.8	3773608	7.74E-08	30YrCance	7.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5458	ALL	462995.1	3773608	7.85E-08	30YrCance	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5459	ALL	462929.8	3773638	6.49E-08	30YrCance	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5460	ALL	462939.1	3773638	6.62E-08	30YrCance	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5461	ALL	462948.5	3773638	6.72E-08	30YrCance	6.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5462	ALL	462957.8	3773638	6.82E-08	30YrCance	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5463	ALL	462967.1	3773638	6.92E-08	30YrCance	6.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5464	ALL	462976.4	3773638	7.03E-08	30YrCance	7.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5465	ALL	462985.8	3773638	7.16E-08	30YrCance	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5466	ALL	462995.1	3773638	7.28E-08	30YrCance	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5467	ALL	462929.8	3773668	6.01E-08	30YrCance	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5468	ALL	462939.1	3773668	6.10E-08	30YrCance	6.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5469	ALL	462948.5	3773668	6.20E-08	30YrCance	6.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5470	ALL	462957.8	3773668	6.29E-08	30YrCance	6.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5471	ALL	462967.1	3773668	6.38E-08	30YrCance	6.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5472	ALL	462976.4	3773668	6.49E-08	30YrCance	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5473	ALL	462985.8	3773668	6.62E-08	30YrCance	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5474	ALL	462995.1	3773668	6.74E-08	30YrCance	6.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5475	ALL	462929.8	3773698	5.60E-08	30YrCance	5.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5476	ALL	462939.1	3773698	5.69E-08	30YrCance	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5477	ALL	462948.5	3773698	5.79E-08	30YrCance	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5478	ALL	462957.8	3773698	5.89E-08	30YrCance	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5479	ALL	462967.1	3773698	6.00E-08	30YrCance	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5480	ALL	462976.4	3773698	6.09E-08	30YrCance	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5481	ALL	462985.8	3773698	6.18E-08	30YrCance	6.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5482	ALL	462995.1	3773698	6.27E-08	30YrCance	6.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5483	ALL	462929.8	3773728	5.22E-08	30YrCance	5.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5484	ALL	462939.1	3773728	5.29E-08	30YrCance	5.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5485	ALL	462948.5	3773728	5.40E-08	30YrCance	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5486	ALL	462957.8	3773728	5.50E-08	30YrCance	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5487	ALL	462967.1	3773728	5.61E-08	30YrCance	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5488	ALL	462976.4	3773728	5.70E-08	30YrCance	5.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5489	ALL	462985.8	3773728	5.79E-08	30YrCance	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5490	ALL	462995.1	3773728	5.87E-08	30YrCance	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5491	ALL	463004.4	3773728	5.96E-08	30YrCance	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5492	ALL	462929.8	3773758	4.90E-08	30YrCance	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5493	ALL	462939.1	3773758	4.97E-08	30YrCance	4.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5494	ALL	462948.5	3773758	5.06E-08	30YrCance	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5495	ALL	462957.8	3773758	5.15E-08	30YrCance	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5496	ALL	462967.1	3773758	5.25E-08	30YrCance	5.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5497	ALL	462976.4	3773758	5.33E-08	30YrCance	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5498	ALL	462985.8	3773758	5.42E-08	30YrCance	5.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5499	ALL	462995.1	3773758	5.50E-08	30YrCance	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5500	ALL	463004.4	3773758	5.59E-08	30YrCance	5.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5501	ALL	462929.8	3773788	4.59E-08	30YrCance	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5502	ALL	462939.1	3773788	4.66E-08	30YrCance	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5503	ALL	462948.5	3773788	4.75E-08	30YrCance	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5504	ALL	462957.8	3773788	4.85E-08	30YrCance	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5505	ALL	462967.1	3773788	4.94E-08	30YrCance	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5506	ALL	462976.4	3773788	5.03E-08	30YrCance	5.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5507	ALL	462985.8	3773788	5.11E-08	30YrCance	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5508	ALL	462995.1	3773788	5.19E-08	30YrCance	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5509	ALL	462929.8	3773818	4.34E-08	30YrCance	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5510	ALL	462939.1	3773818	4.41E-08	30YrCance	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5511	ALL	462948.5	3773818	4.49E-08	30YrCance	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5512	ALL	462957.8	3773818	4.57E-08	30YrCance	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5513	ALL	462967.1	3773818	4.66E-08	30YrCance	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5514	ALL	462976.4	3773818	4.73E-08	30YrCance	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5515	ALL	462985.8	3773818	4.81E-08	30YrCance	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5516	ALL	462995.1	3773818	4.89E-08	30YrCance	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5517	ALL	462929.8	3773848	4.10E-08	30YrCance	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5518	ALL	462939.1	3773848	4.17E-08	30YrCance	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5519	ALL	462948.5	3773848	4.25E-08	30YrCance	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5520	ALL	462957.8	3773848	4.33E-08	30YrCance	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5521	ALL	462967.1	3773848	4.42E-08	30YrCance	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5522	ALL	462976.4	3773848	4.49E-08	30YrCance	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5523	ALL	462985.8	3773848	4.57E-08	30YrCance	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5524	ALL	462995.1	3773848	4.64E-08	30YrCance	4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5525	ALL	463004.4	3773848	4.72E-08	30YrCance	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5526	ALL	462929.8	3773888	3.83E-08	30YrCance	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5527	ALL	462939.1	3773888	3.88E-08	30YrCance	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5528	ALL	462948.5	3773888	3.96E-08	30YrCance	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5529	ALL	462957.8	3773888	4.05E-08	30YrCance	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5530	ALL	462967.1	3773888	4.13E-08	30YrCance	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5531	ALL	462976.4	3773888	4.20E-08	30YrCance	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5532	ALL	462985.8	3773888	4.27E-08	30YrCance	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5533	ALL	462995.1	3773888	4.35E-08	30YrCance	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5534	ALL	462929.8	3773928	3.60E-08	30YrCance	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5535	ALL	462939.1	3773928	3.66E-08	30YrCance	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5536	ALL	462948.5	3773928	3.72E-08	30YrCance	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5537	ALL	462957.8	3773928	3.78E-08	30YrCance	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5538	ALL	462967.1	3773928	3.85E-08	30YrCance	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5539	ALL	462976.4	3773928	3.91E-08	30YrCance	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5540	ALL	462985.8	3773928	3.98E-08	30YrCance	3.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5541	ALL	462995.1	3773928	4.05E-08	30YrCance	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5542	ALL	462929.8	3773968	3.35E-08	30YrCance	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5543	ALL	462939.1	3773968	3.41E-08	30YrCance	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5544	ALL	462948.5	3773968	3.48E-08	30YrCance	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5545	ALL	462957.8	3773968	3.55E-08	30YrCance	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5546	ALL	462967.1	3773968	3.62E-08	30YrCance	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5547	ALL	462976.4	3773968	3.69E-08	30YrCance	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5548	ALL	462985.8	3773968	3.75E-08	30YrCance	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5549	ALL	462995.1	3773968	3.82E-08	30YrCance	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5550	ALL	463004.4	3773968	3.89E-08	30YrCance	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5551	ALL	462929.8	3774008	3.17E-08	30YrCance	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5552	ALL	462939.1	3774008	3.24E-08	30YrCance	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5553	ALL	462948.5	3774008	3.30E-08	30YrCance	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5554	ALL	462957.8	3774008	3.35E-08	30YrCance	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5555	ALL	462967.1	3774008	3.41E-08	30YrCance	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5556	ALL	462976.4	3774008	3.46E-08	30YrCance	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5557	ALL	462985.8	3774008	3.52E-08	30YrCance	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5558	ALL	462995.1	3774008	3.59E-08	30YrCance	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5559	ALL	463004.4	3774008	3.66E-08	30YrCance	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5560	ALL	462929.8	3774168	2.43E-08	30YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5561	ALL	462939.1	3774168	2.47E-08	30YrCance	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5562	ALL	462948.5	3774168	2.51E-08	30YrCance	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5563	ALL	462957.8	3774168	2.55E-08	30YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5564	ALL	462967.1	3774168	2.59E-08	30YrCance	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5565	ALL	462976.4	3774168	2.65E-08	30YrCance	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5566	ALL	462985.8	3774168	2.71E-08	30YrCance	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5567	ALL	462995.1	3774168	2.78E-08	30YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5568	ALL	462929.8	3774208	2.29E-08	30YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5569	ALL	462939.1	3774208	2.33E-08	30YrCance	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5570	ALL	462948.5	3774208	2.36E-08	30YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5571	ALL	462957.8	3774208	2.40E-08	30YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5572	ALL	462967.1	3774208	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5573	ALL	462976.4	3774208	2.48E-08	30YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5574	ALL	462985.8	3774208	2.53E-08	30YrCance	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5575	ALL	462995.1	3774208	2.58E-08	30YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5576	ALL	462929.8	3774248	2.14E-08	30YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5577	ALL	462939.1	3774248	2.17E-08	30YrCance	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5578	ALL	462948.5	3774248	2.21E-08	30YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5579	ALL	462957.8	3774248	2.24E-08	30YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5580	ALL	462967.1	3774248	2.27E-08	30YrCance	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5581	ALL	462976.4	3774248	2.31E-08	30YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5582	ALL	462985.8	3774248	2.35E-08	30YrCance	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5583	ALL	462995.1	3774248	2.40E-08	30YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5584	ALL	463004.4	3774248	2.44E-08	30YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 7/31/2024 9:59:57 PM - Acute Risk - Input File: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Sensitive_30yr_HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		463037.2	3773493	NonCancer	0.00E+00	5.44E-08	3.27E-06	0.00E+00	0.00E+00	3.30E-06	1.70E-06	0.00E+00	2.59E-06	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	3.30E-06
2	ALL		463090.6	3773489	NonCancer	0.00E+00	5.70E-08	3.43E-06	0.00E+00	0.00E+00	3.46E-06	1.78E-06	0.00E+00	2.72E-06	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	3.46E-06
3	ALL		463077.3	3773495	NonCancer	0.00E+00	6.08E-08	3.66E-06	0.00E+00	0.00E+00	3.69E-06	1.90E-06	0.00E+00	2.90E-06	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	3.69E-06
4	ALL		463064.1	3773501	NonCancer	0.00E+00	6.07E-08	3.65E-06	0.00E+00	0.00E+00	3.68E-06	1.89E-06	0.00E+00	2.90E-06	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	3.68E-06
5	ALL		463050.8	3773507	NonCancer	0.00E+00	5.66E-08	3.40E-06	0.00E+00	0.00E+00	3.43E-06	1.76E-06	0.00E+00	2.70E-06	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.43E-06
6	ALL		463037.6	3773513	NonCancer	0.00E+00	4.97E-08	2.99E-06	0.00E+00	0.00E+00	3.01E-06	1.55E-06	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.01E-06
7	ALL		463134.3	3773489	NonCancer	0.00E+00	5.19E-08	3.13E-06	0.00E+00	0.00E+00	3.15E-06	1.62E-06	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.15E-06
8	ALL		463121.3	3773495	NonCancer	0.00E+00	5.05E-08	3.04E-06	0.00E+00	0.00E+00	3.06E-06	1.57E-06	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.06E-06
9	ALL		463108.3	3773501	NonCancer	0.00E+00	4.85E-08	2.92E-06	0.00E+00	0.00E+00	2.95E-06	1.51E-06	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	2.95E-06
10	ALL		463095.3	3773507	NonCancer	0.00E+00	5.34E-08	3.21E-06	0.00E+00	0.00E+00	3.24E-06	1.67E-06	0.00E+00	2.55E-06	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	3.24E-06
11	ALL		463082.3	3773513	NonCancer	0.00E+00	5.67E-08	3.41E-06	0.00E+00	0.00E+00	3.44E-06	1.77E-06	0.00E+00	2.71E-06	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	3.44E-06
12	ALL		463069.3	3773519	NonCancer	0.00E+00	5.70E-08	3.43E-06	0.00E+00	0.00E+00	3.46E-06	1.78E-06	0.00E+00	2.72E-06	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	3.46E-06
13	ALL		463056.4	3773525	NonCancer	0.00E+00	5.39E-08	3.24E-06	0.00E+00	0.00E+00	3.27E-06	1.68E-06	0.00E+00	2.57E-06	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	3.27E-06
14	ALL		463043.4	3773531	NonCancer	0.00E+00	4.84E-08	2.91E-06	0.00E+00	0.00E+00	2.94E-06	1.51E-06	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	2.94E-06
15	ALL		463195.1	3773491	NonCancer	0.00E+00	5.13E-08	3.09E-06	0.00E+00	0.00E+00	3.11E-06	1.60E-06	0.00E+00	2.45E-06	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.11E-06
16	ALL		463182	3773497	NonCancer	0.00E+00	4.88E-08	2.94E-06	0.00E+00	0.00E+00	2.96E-06	1.52E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	2.96E-06
17	ALL		463168.8	3773503	NonCancer	0.00E+00	4.75E-08	2.86E-06	0.00E+00	0.00E+00	2.88E-06	1.48E-06	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	2.88E-06
18	ALL		463155.7	3773509	NonCancer	0.00E+00	4.83E-08	2.91E-06	0.00E+00	0.00E+00	2.93E-06	1.51E-06	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	2.93E-06
19	ALL		463142.5	3773515	NonCancer	0.00E+00	4.82E-08	2.90E-06	0.00E+00	0.00E+00	2.92E-06	1.50E-06	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	2.92E-06
20	ALL		463129.4	3773521	NonCancer	0.00E+00	4.66E-08	2.80E-06	0.00E+00	0.00E+00	2.82E-06	1.45E-06	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	2.82E-06
21	ALL		463116.2	3773527	NonCancer	0.00E+00	4.46E-08	2.69E-06	0.00E+00	0.00E+00	2.71E-06	1.39E-06	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	2.71E-06
22	ALL		463103.1	3773533	NonCancer	0.00E+00	4.85E-08	2.92E-06	0.00E+00	0.00E+00	2.94E-06	1.51E-06	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	2.94E-06
23	ALL		463089.9	3773539	NonCancer	0.00E+00	5.14E-08	3.10E-06	0.00E+00	0.00E+00	3.12E-06	1.61E-06	0.00E+00	2.45E-06	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	3.12E-06
24	ALL		463076.8	3773545	NonCancer	0.00E+00	5.21E-08	3.14E-06	0.00E+00	0.00E+00	3.16E-06	1.63E-06	0.00E+00	2.49E-06	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.16E-06
25	ALL		463063.6	3773551	NonCancer	0.00E+00	5.01E-08	3.01E-06	0.00E+00	0.00E+00	3.04E-06	1.56E-06	0.00E+00	2.39E-06	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.04E-06
26	ALL		463050.5	3773557	NonCancer	0.00E+00	4.58E-08	2.76E-06	0.00E+00	0.00E+00	2.78E-06	1.43E-06	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	2.78E-06
27	ALL		463037.3	3773563	NonCancer	0.00E+00	4.06E-08	2.44E-06	0.00E+00	0.00E+00	2.46E-06	1.27E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	2.46E-06
28	ALL		463257.6	3773492	NonCancer	0.00E+00	5.46E-08	3.29E-06	0.00E+00	0.00E+00	3.31E-06	1.70E-06	0.00E+00	2.60E-06	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	3.31E-06
29	ALL		463244.6	3773498	NonCancer	0.00E+00	5.29E-08	3.18E-06	0.00E+00	0.00E+00	3.21E-06	1.65E-06	0.00E+00	2.52E-06	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	3.21E-06
30	ALL		463231.6	3773504	NonCancer	0.00E+00	5.16E-08	3.10E-06	0.00E+00	0.00E+00	3.13E-06	1.61E-06	0.00E+00	2.46E-06	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	3.13E-06
31	ALL		463218.6	3773510	NonCancer	0.00E+00	4.97E-08	2.99E-06	0.00E+00	0.00E+00	3.02E-06	1.55E-06	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.02E-06
32	ALL		463205.7	3773516	NonCancer	0.00E+00	4.75E-08	2.86E-06	0.00E+00	0.00E+00	2.88E-06	1.48E-06	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	2.88E-06
33	ALL		463192.7	3773522	NonCancer	0.00E+00	4.54E-08	2.73E-06	0.00E+00	0.00E+00	2.75E-06	1.42E-06	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	2.75E-06
34	ALL		463179.7	3773528	NonCancer	0.00E+00	4.46E-08	2.68E-06	0.00E+00	0.00E+00	2.71E-06	1.39E-06	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	2.71E-06
35	ALL		463166.7	3773534	NonCancer	0.00E+00	4.50E-08	2.71E-06	0.00E+00	0.00E+00	2.73E-06	1.41E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.73E-06
36	ALL		463153.7	3773540	NonCancer	0.00E+00	4.50E-08	2.71E-06	0.00E+00	0.00E+00	2.73E-06	1.40E-06	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.73E-06
37	ALL		463140.7	3773546	NonCancer	0.00E+00	4.38E-08	2.64E-06	0.00E+00	0.00E+00	2.66E-06	1.37E-06	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	2.66E-06
38	ALL		463127.8	3773552	NonCancer	0.00E+00	4.19E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
39	ALL		463114.8	3773558	NonCancer	0.00E+00	4.38E-08	2.64E-06	0.00E+00	0.00E+00	2.66E-06	1.37E-06	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	2.66E-06
40	ALL		463101.8	3773564	NonCancer	0.00E+00	4.68E-08	2.82E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	2.84E-06
41	ALL		463088.8	3773570	NonCancer	0.00E+00	4.83E-08	2.91E-06	0.00E+00	0.00E+00	2.93E-06	1.51E-06	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	2.93E-06
42	ALL		463075.8	3773576	NonCancer	0.00E+00	4.77E-08	2.87E-06	0.00E+00	0.00E+00	2.89E-06	1.49E-06	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	2.89E-06
43	ALL		463062.8	3773582	NonCancer	0.00E+00	4.50E-08	2.71E-06	0.00E+00	0.00E+00	2.73E-06	1.40E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.73E-06
44	ALL		463049.9	3773588	NonCancer	0.00E+00	4.09E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.27E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
45	ALL		463036.9	3773594	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
46	ALL		463293.2	3773506	NonCancer	0.00E+00	6.16E-08	3.71E-06	0.00E+00	0.00E+00	3.74E-06	1.92E-06	0.00E+00	2.94E-06	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	3.74E-06
47	ALL		463280.1	3773512	NonCancer	0.00E+00	5.69E-08	3.43E-06	0.00E+00	0.00E+00	3.45E-06	1.78E-06	0.00E+00	2.71E-06	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	3.45E-06
48	ALL		463267	3773518	NonCancer	0.00E+00	5.31E-08	3.19E-06	0.00E+00	0.00E+00	3.22E-06	1.65E-06	0.00E+00	2.53E-06	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	3.22E-06
49	ALL		463253.8	3773524	NonCancer	0.00E+00	5.02E-08	3.02E-06	0.00E+00	0.00E+00	3.05E-06	1.57E-06	0.00E+00	2.39E-06	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.05E-06
50	ALL		463240.7	3773530	NonCancer	0.00E+00	4.77E-08	2.87E-06	0.00E+00	0.00E+00	2.89E-06	1.49E-06	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	2.89E-06
51	ALL		463227.6	3773536	NonCancer	0.00E+00	4.57E-08	2.75E-06	0.00E+00	0.00E+00	2.77E-06	1.42E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.77E-06
52	ALL		463214.5	3773542	NonCancer	0.00E+00	4.37E-08	2.63E-06	0.00E+00	0.00E+00	2.65E-06	1.36E-06	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	2.65E-06

53	ALL	463201.3	3773548	NonCancer	0.00E+00	4.24E-08	2.55E-06	0.00E+00	0.00E+00	2.57E-06	1.32E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.57E-06
54	ALL	463188.2	3773554	NonCancer	0.00E+00	4.18E-08	2.51E-06	0.00E+00	0.00E+00	2.53E-06	1.30E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	2.53E-06
55	ALL	463175.1	3773560	NonCancer	0.00E+00	4.23E-08	2.54E-06	0.00E+00	0.00E+00	2.56E-06	1.32E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	2.56E-06
56	ALL	463161.9	3773566	NonCancer	0.00E+00	4.22E-08	2.54E-06	0.00E+00	0.00E+00	2.56E-06	1.32E-06	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	2.56E-06
57	ALL	463148.8	3773572	NonCancer	0.00E+00	4.14E-08	2.49E-06	0.00E+00	0.00E+00	2.51E-06	1.29E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	2.51E-06
58	ALL	463135.7	3773578	NonCancer	0.00E+00	3.97E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
59	ALL	463122.6	3773584	NonCancer	0.00E+00	4.11E-08	2.47E-06	0.00E+00	0.00E+00	2.49E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.49E-06
60	ALL	463109.4	3773590	NonCancer	0.00E+00	4.33E-08	2.61E-06	0.00E+00	0.00E+00	2.63E-06	1.35E-06	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	2.63E-06
61	ALL	463096.3	3773596	NonCancer	0.00E+00	4.47E-08	2.69E-06	0.00E+00	0.00E+00	2.71E-06	1.40E-06	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	2.71E-06
62	ALL	463083.2	3773602	NonCancer	0.00E+00	4.45E-08	2.68E-06	0.00E+00	0.00E+00	2.70E-06	1.39E-06	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	2.70E-06
63	ALL	463070.1	3773608	NonCancer	0.00E+00	4.26E-08	2.56E-06	0.00E+00	0.00E+00	2.58E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.58E-06
64	ALL	463056.9	3773614	NonCancer	0.00E+00	3.93E-08	2.36E-06	0.00E+00	0.00E+00	2.38E-06	1.23E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.38E-06
65	ALL	463043.8	3773620	NonCancer	0.00E+00	3.59E-08	2.16E-06	0.00E+00	0.00E+00	2.18E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.18E-06
66	ALL	463304.5	3773498	NonCancer	0.00E+00	6.68E-08	4.02E-06	0.00E+00	0.00E+00	4.05E-06	2.08E-06	0.00E+00	3.18E-06	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	4.05E-06
67	ALL	463315.9	3773526	NonCancer	0.00E+00	6.73E-08	4.05E-06	0.00E+00	0.00E+00	4.08E-06	2.10E-06	0.00E+00	3.21E-06	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	4.08E-06
68	ALL	463302.6	3773532	NonCancer	0.00E+00	6.14E-08	3.69E-06	0.00E+00	0.00E+00	3.72E-06	1.91E-06	0.00E+00	2.93E-06	0.00E+00	0.00E+00	3.69E-06	0.00E+00	0.00E+00	3.72E-06
69	ALL	463289.4	3773538	NonCancer	0.00E+00	5.63E-08	3.39E-06	0.00E+00	0.00E+00	3.41E-06	1.76E-06	0.00E+00	2.68E-06	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	3.41E-06
70	ALL	463276.1	3773544	NonCancer	0.00E+00	5.24E-08	3.15E-06	0.00E+00	0.00E+00	3.18E-06	1.63E-06	0.00E+00	2.50E-06	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	3.18E-06
71	ALL	463262.9	3773550	NonCancer	0.00E+00	4.89E-08	2.94E-06	0.00E+00	0.00E+00	2.97E-06	1.53E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	2.97E-06
72	ALL	463249.6	3773556	NonCancer	0.00E+00	4.58E-08	2.76E-06	0.00E+00	0.00E+00	2.78E-06	1.43E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	2.78E-06
73	ALL	463236.4	3773562	NonCancer	0.00E+00	4.30E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
74	ALL	463223.1	3773568	NonCancer	0.00E+00	4.07E-08	2.45E-06	0.00E+00	0.00E+00	2.47E-06	1.27E-06	0.00E+00	1.94E-06	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	2.47E-06
75	ALL	463209.8	3773574	NonCancer	0.00E+00	4.02E-08	2.42E-06	0.00E+00	0.00E+00	2.44E-06	1.25E-06	0.00E+00	1.92E-06	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	2.44E-06
76	ALL	463196.6	3773580	NonCancer	0.00E+00	3.98E-08	2.40E-06	0.00E+00	0.00E+00	2.42E-06	1.24E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	2.42E-06
77	ALL	463183.3	3773586	NonCancer	0.00E+00	4.00E-08	2.41E-06	0.00E+00	0.00E+00	2.43E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	2.43E-06
78	ALL	463170.1	3773592	NonCancer	0.00E+00	3.98E-08	2.40E-06	0.00E+00	0.00E+00	2.42E-06	1.24E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	2.42E-06
79	ALL	463156.8	3773599	NonCancer	0.00E+00	3.88E-08	2.34E-06	0.00E+00	0.00E+00	2.36E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.36E-06
80	ALL	463143.6	3773605	NonCancer	0.00E+00	3.73E-08	2.24E-06	0.00E+00	0.00E+00	2.26E-06	1.16E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.26E-06
81	ALL	463130.3	3773611	NonCancer	0.00E+00	3.84E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
82	ALL	463117.1	3773617	NonCancer	0.00E+00	4.02E-08	2.42E-06	0.00E+00	0.00E+00	2.44E-06	1.26E-06	0.00E+00	1.92E-06	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	2.44E-06
83	ALL	463103.8	3773623	NonCancer	0.00E+00	4.18E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.31E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
84	ALL	463090.6	3773629	NonCancer	0.00E+00	4.20E-08	2.53E-06	0.00E+00	0.00E+00	2.55E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	2.55E-06
85	ALL	463077.3	3773635	NonCancer	0.00E+00	4.05E-08	2.44E-06	0.00E+00	0.00E+00	2.46E-06	1.26E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	2.46E-06
86	ALL	463064.1	3773641	NonCancer	0.00E+00	3.77E-08	2.27E-06	0.00E+00	0.00E+00	2.29E-06	1.18E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.29E-06
87	ALL	463050.8	3773647	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.11E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.11E-06
88	ALL	463037.6	3773653	NonCancer	0.00E+00	3.41E-08	2.05E-06	0.00E+00	0.00E+00	2.07E-06	1.06E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.07E-06
89	ALL	463327.3	3773517	NonCancer	0.00E+00	7.34E-08	4.42E-06	0.00E+00	0.00E+00	4.45E-06	2.29E-06	0.00E+00	3.50E-06	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	4.45E-06
90	ALL	463338.7	3773545	NonCancer	0.00E+00	7.61E-08	4.58E-06	0.00E+00	0.00E+00	4.62E-06	2.37E-06	0.00E+00	3.63E-06	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	4.62E-06
91	ALL	463325.6	3773551	NonCancer	0.00E+00	6.84E-08	4.11E-06	0.00E+00	0.00E+00	4.15E-06	2.13E-06	0.00E+00	3.26E-06	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	4.15E-06
92	ALL	463312.4	3773557	NonCancer	0.00E+00	6.18E-08	3.72E-06	0.00E+00	0.00E+00	3.75E-06	1.93E-06	0.00E+00	2.95E-06	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	3.75E-06
93	ALL	463299.3	3773563	NonCancer	0.00E+00	5.66E-08	3.41E-06	0.00E+00	0.00E+00	3.43E-06	1.76E-06	0.00E+00	2.70E-06	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	3.43E-06
94	ALL	463286.2	3773569	NonCancer	0.00E+00	5.21E-08	3.14E-06	0.00E+00	0.00E+00	3.16E-06	1.63E-06	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.16E-06
95	ALL	463273.1	3773575	NonCancer	0.00E+00	4.84E-08	2.91E-06	0.00E+00	0.00E+00	2.94E-06	1.51E-06	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	2.94E-06
96	ALL	463260	3773581	NonCancer	0.00E+00	4.54E-08	2.73E-06	0.00E+00	0.00E+00	2.75E-06	1.41E-06	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	2.75E-06
97	ALL	463246.9	3773587	NonCancer	0.00E+00	4.29E-08	2.58E-06	0.00E+00	0.00E+00	2.60E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.60E-06
98	ALL	463233.8	3773593	NonCancer	0.00E+00	4.10E-08	2.47E-06	0.00E+00	0.00E+00	2.49E-06	1.28E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.49E-06
99	ALL	463220.7	3773599	NonCancer	0.00E+00	3.99E-08	2.40E-06	0.00E+00	0.00E+00	2.42E-06	1.24E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	2.42E-06
100	ALL	463207.6	3773605	NonCancer	0.00E+00	3.85E-08	2.32E-06	0.00E+00	0.00E+00	2.34E-06	1.20E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.34E-06
101	ALL	463194.5	3773611	NonCancer	0.00E+00	3.81E-08	2.30E-06	0.00E+00	0.00E+00	2.31E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.31E-06
102	ALL	463181.4	3773617	NonCancer	0.00E+00	3.77E-08	2.27E-06	0.00E+00	0.00E+00	2.29E-06	1.18E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.29E-06
103	ALL	463168.3	3773623	NonCancer	0.00E+00	3.68E-08	2.21E-06	0.00E+00	0.00E+00	2.23E-06	1.15E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.23E-06
104	ALL	463155.2	3773629	NonCancer	0.00E+00	3.57E-08	2.15E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.16E-06
105	ALL	463142.1	3773635	NonCancer	0.00E+00	3.60E-08	2.17E-06	0.00E+00	0.00E+00	2.18E-06	1.12E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.18E-06
106	ALL	463128.9	3773641	NonCancer	0.00E+00	3.74E-08	2.25E-06	0.00E+00	0.00E+00	2.27E-06	1.17E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.27E-06

107	ALL	463115.8	3773647	NonCancer	0.00E+00	3.88E-08	2.33E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.35E-06
108	ALL	463102.7	3773653	NonCancer	0.00E+00	3.95E-08	2.38E-06	0.00E+00	0.00E+00	2.40E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	2.40E-06
109	ALL	463089.6	3773659	NonCancer	0.00E+00	3.89E-08	2.34E-06	0.00E+00	0.00E+00	2.36E-06	1.21E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.36E-06
110	ALL	463076.5	3773665	NonCancer	0.00E+00	3.72E-08	2.24E-06	0.00E+00	0.00E+00	2.26E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.26E-06
111	ALL	463063.4	3773671	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.10E-06
112	ALL	463050.3	3773677	NonCancer	0.00E+00	3.44E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06
113	ALL	463037.2	3773683	NonCancer	0.00E+00	3.43E-08	2.06E-06	0.00E+00	0.00E+00	2.08E-06	1.07E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.08E-06
114	ALL	463350	3773537	NonCancer	0.00E+00	8.40E-08	5.05E-06	0.00E+00	0.00E+00	5.10E-06	2.62E-06	0.00E+00	4.01E-06	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	5.10E-06
115	ALL	463361.3	3773565	NonCancer	0.00E+00	9.11E-08	5.48E-06	0.00E+00	0.00E+00	5.52E-06	2.84E-06	0.00E+00	4.34E-06	0.00E+00	0.00E+00	5.48E-06	0.00E+00	0.00E+00	5.52E-06
116	ALL	463348.1	3773571	NonCancer	0.00E+00	7.96E-08	4.79E-06	0.00E+00	0.00E+00	4.83E-06	2.48E-06	0.00E+00	3.80E-06	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	4.83E-06
117	ALL	463334.9	3773577	NonCancer	0.00E+00	7.08E-08	4.26E-06	0.00E+00	0.00E+00	4.30E-06	2.21E-06	0.00E+00	3.38E-06	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	4.30E-06
118	ALL	463321.7	3773583	NonCancer	0.00E+00	6.37E-08	3.83E-06	0.00E+00	0.00E+00	3.86E-06	1.99E-06	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	3.86E-06
119	ALL	463308.5	3773589	NonCancer	0.00E+00	5.77E-08	3.47E-06	0.00E+00	0.00E+00	3.50E-06	1.80E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	3.50E-06
120	ALL	463295.2	3773595	NonCancer	0.00E+00	5.25E-08	3.16E-06	0.00E+00	0.00E+00	3.19E-06	1.64E-06	0.00E+00	2.50E-06	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.19E-06
121	ALL	463282	3773601	NonCancer	0.00E+00	4.84E-08	2.91E-06	0.00E+00	0.00E+00	2.94E-06	1.51E-06	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	2.94E-06
122	ALL	463268.8	3773607	NonCancer	0.00E+00	4.55E-08	2.74E-06	0.00E+00	0.00E+00	2.76E-06	1.42E-06	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	2.76E-06
123	ALL	463255.6	3773613	NonCancer	0.00E+00	4.26E-08	2.56E-06	0.00E+00	0.00E+00	2.58E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.58E-06
124	ALL	463242.4	3773619	NonCancer	0.00E+00	4.07E-08	2.45E-06	0.00E+00	0.00E+00	2.47E-06	1.27E-06	0.00E+00	1.94E-06	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	2.47E-06
125	ALL	463229.1	3773625	NonCancer	0.00E+00	3.92E-08	2.36E-06	0.00E+00	0.00E+00	2.38E-06	1.22E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.38E-06
126	ALL	463215.9	3773632	NonCancer	0.00E+00	3.81E-08	2.29E-06	0.00E+00	0.00E+00	2.31E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.31E-06
127	ALL	463202.7	3773638	NonCancer	0.00E+00	3.74E-08	2.25E-06	0.00E+00	0.00E+00	2.27E-06	1.17E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.27E-06
128	ALL	463189.5	3773644	NonCancer	0.00E+00	3.65E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
129	ALL	463176.3	3773650	NonCancer	0.00E+00	3.60E-08	2.17E-06	0.00E+00	0.00E+00	2.18E-06	1.12E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.18E-06
130	ALL	463163	3773656	NonCancer	0.00E+00	3.58E-08	2.16E-06	0.00E+00	0.00E+00	2.17E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.17E-06
131	ALL	463149.8	3773662	NonCancer	0.00E+00	3.55E-08	2.13E-06	0.00E+00	0.00E+00	2.15E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.15E-06
132	ALL	463136.6	3773668	NonCancer	0.00E+00	3.56E-08	2.15E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.16E-06
133	ALL	463123.4	3773674	NonCancer	0.00E+00	3.64E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
134	ALL	463110.2	3773680	NonCancer	0.00E+00	3.70E-08	2.23E-06	0.00E+00	0.00E+00	2.25E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.25E-06
135	ALL	463097	3773686	NonCancer	0.00E+00	3.67E-08	2.21E-06	0.00E+00	0.00E+00	2.23E-06	1.15E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.23E-06
136	ALL	463083.7	3773692	NonCancer	0.00E+00	3.55E-08	2.14E-06	0.00E+00	0.00E+00	2.15E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.15E-06
137	ALL	463070.5	3773698	NonCancer	0.00E+00	3.37E-08	2.03E-06	0.00E+00	0.00E+00	2.05E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.05E-06
138	ALL	463057.3	3773704	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
139	ALL	463044.1	3773710	NonCancer	0.00E+00	3.30E-08	1.99E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.00E-06
140	ALL	463372.7	3773556	NonCancer	0.00E+00	1.05E-07	6.31E-06	0.00E+00	0.00E+00	6.36E-06	3.27E-06	0.00E+00	5.00E-06	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	6.36E-06
141	ALL	463384.1	3773584	NonCancer	0.00E+00	1.25E-07	7.55E-06	0.00E+00	0.00E+00	7.61E-06	3.91E-06	0.00E+00	5.98E-06	0.00E+00	0.00E+00	7.55E-06	0.00E+00	0.00E+00	7.61E-06
142	ALL	463371	3773590	NonCancer	0.00E+00	9.93E-08	5.98E-06	0.00E+00	0.00E+00	6.03E-06	3.10E-06	0.00E+00	4.74E-06	0.00E+00	0.00E+00	5.98E-06	0.00E+00	0.00E+00	6.03E-06
143	ALL	463357.9	3773596	NonCancer	0.00E+00	8.41E-08	5.06E-06	0.00E+00	0.00E+00	5.10E-06	2.62E-06	0.00E+00	4.01E-06	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	5.10E-06
144	ALL	463344.8	3773602	NonCancer	0.00E+00	7.42E-08	4.46E-06	0.00E+00	0.00E+00	4.50E-06	2.31E-06	0.00E+00	3.54E-06	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	4.50E-06
145	ALL	463331.7	3773608	NonCancer	0.00E+00	6.67E-08	4.01E-06	0.00E+00	0.00E+00	4.04E-06	2.08E-06	0.00E+00	3.18E-06	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	4.04E-06
146	ALL	463318.6	3773614	NonCancer	0.00E+00	5.98E-08	3.60E-06	0.00E+00	0.00E+00	3.62E-06	1.86E-06	0.00E+00	2.85E-06	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	3.62E-06
147	ALL	463305.6	3773620	NonCancer	0.00E+00	5.36E-08	3.23E-06	0.00E+00	0.00E+00	3.25E-06	1.67E-06	0.00E+00	2.56E-06	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	3.25E-06
148	ALL	463292.5	3773626	NonCancer	0.00E+00	4.88E-08	2.93E-06	0.00E+00	0.00E+00	2.96E-06	1.52E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	2.96E-06
149	ALL	463279.4	3773632	NonCancer	0.00E+00	4.59E-08	2.76E-06	0.00E+00	0.00E+00	2.78E-06	1.43E-06	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	2.78E-06
150	ALL	463266.3	3773638	NonCancer	0.00E+00	4.38E-08	2.64E-06	0.00E+00	0.00E+00	2.66E-06	1.37E-06	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	2.66E-06
151	ALL	463253.2	3773644	NonCancer	0.00E+00	4.22E-08	2.54E-06	0.00E+00	0.00E+00	2.56E-06	1.32E-06	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	2.56E-06
152	ALL	463240.1	3773650	NonCancer	0.00E+00	4.09E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.28E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
153	ALL	463227	3773656	NonCancer	0.00E+00	3.98E-08	2.40E-06	0.00E+00	0.00E+00	2.42E-06	1.24E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	2.42E-06
154	ALL	463213.9	3773662	NonCancer	0.00E+00	3.84E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
155	ALL	463200.8	3773668	NonCancer	0.00E+00	3.71E-08	2.23E-06	0.00E+00	0.00E+00	2.25E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.25E-06
156	ALL	463187.7	3773674	NonCancer	0.00E+00	3.58E-08	2.15E-06	0.00E+00	0.00E+00	2.17E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.17E-06
157	ALL	463174.6	3773680	NonCancer	0.00E+00	3.44E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06
158	ALL	463161.5	3773686	NonCancer	0.00E+00	3.39E-08	2.04E-06	0.00E+00	0.00E+00	2.05E-06	1.06E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.05E-06
159	ALL	463148.4	3773692	NonCancer	0.00E+00	3.38E-08	2.04E-06	0.00E+00	0.00E+00	2.05E-06	1.06E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.05E-06
160	ALL	463135.4	3773698	NonCancer	0.00E+00	3.45E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.08E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06

161	ALL	463122.3	3773704	NonCancer	0.00E+00	3.51E-08	2.11E-06	0.00E+00	0.00E+00	2.13E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.13E-06
162	ALL	463109.2	3773710	NonCancer	0.00E+00	3.51E-08	2.11E-06	0.00E+00	0.00E+00	2.13E-06	1.10E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.13E-06
163	ALL	463096.1	3773716	NonCancer	0.00E+00	3.45E-08	2.08E-06	0.00E+00	0.00E+00	2.09E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.09E-06
164	ALL	463083	3773722	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.01E-06	1.04E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.01E-06
165	ALL	463069.9	3773728	NonCancer	0.00E+00	3.22E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
166	ALL	463056.8	3773734	NonCancer	0.00E+00	3.20E-08	1.92E-06	0.00E+00	0.00E+00	1.94E-06	9.97E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.94E-06
167	ALL	463043.7	3773740	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
168	ALL	463395.4	3773576	NonCancer	0.00E+00	1.75E-07	1.05E-05	0.00E+00	0.00E+00	1.06E-05	5.45E-06	0.00E+00	8.34E-06	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.06E-05
169	ALL	463406.8	3773604	NonCancer	0.00E+00	3.47E-07	2.09E-05	0.00E+00	0.00E+00	2.11E-05	1.08E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	2.11E-05
170	ALL	463393.6	3773610	NonCancer	0.00E+00	1.61E-07	9.70E-06	0.00E+00	0.00E+00	9.78E-06	5.03E-06	0.00E+00	7.69E-06	0.00E+00	0.00E+00	9.70E-06	0.00E+00	0.00E+00	9.78E-06
171	ALL	463380.4	3773616	NonCancer	0.00E+00	1.14E-07	6.84E-06	0.00E+00	0.00E+00	6.89E-06	3.54E-06	0.00E+00	5.42E-06	0.00E+00	0.00E+00	6.84E-06	0.00E+00	0.00E+00	6.89E-06
172	ALL	463367.2	3773622	NonCancer	0.00E+00	9.17E-08	5.52E-06	0.00E+00	0.00E+00	5.56E-06	2.86E-06	0.00E+00	4.37E-06	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	5.56E-06
173	ALL	463354	3773628	NonCancer	0.00E+00	7.88E-08	4.74E-06	0.00E+00	0.00E+00	4.78E-06	2.46E-06	0.00E+00	3.75E-06	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	4.78E-06
174	ALL	463340.8	3773634	NonCancer	0.00E+00	6.96E-08	4.19E-06	0.00E+00	0.00E+00	4.22E-06	2.17E-06	0.00E+00	3.32E-06	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	4.22E-06
175	ALL	463327.6	3773640	NonCancer	0.00E+00	6.23E-08	3.75E-06	0.00E+00	0.00E+00	3.78E-06	1.94E-06	0.00E+00	2.97E-06	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	3.78E-06
176	ALL	463314.4	3773646	NonCancer	0.00E+00	5.59E-08	3.36E-06	0.00E+00	0.00E+00	3.39E-06	1.74E-06	0.00E+00	2.67E-06	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	3.39E-06
177	ALL	463301.2	3773652	NonCancer	0.00E+00	5.07E-08	3.05E-06	0.00E+00	0.00E+00	3.08E-06	1.58E-06	0.00E+00	2.42E-06	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.08E-06
178	ALL	463288.1	3773658	NonCancer	0.00E+00	4.77E-08	2.87E-06	0.00E+00	0.00E+00	2.89E-06	1.49E-06	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	2.89E-06
179	ALL	463274.9	3773664	NonCancer	0.00E+00	4.53E-08	2.73E-06	0.00E+00	0.00E+00	2.75E-06	1.41E-06	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	2.75E-06
180	ALL	463261.7	3773671	NonCancer	0.00E+00	4.30E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
181	ALL	463248.5	3773677	NonCancer	0.00E+00	4.11E-08	2.47E-06	0.00E+00	0.00E+00	2.49E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.49E-06
182	ALL	463235.3	3773683	NonCancer	0.00E+00	3.93E-08	2.36E-06	0.00E+00	0.00E+00	2.38E-06	1.23E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.38E-06
183	ALL	463222.1	3773689	NonCancer	0.00E+00	3.81E-08	2.29E-06	0.00E+00	0.00E+00	2.31E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.31E-06
184	ALL	463208.9	3773695	NonCancer	0.00E+00	3.75E-08	2.26E-06	0.00E+00	0.00E+00	2.27E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.27E-06
185	ALL	463195.7	3773701	NonCancer	0.00E+00	3.68E-08	2.21E-06	0.00E+00	0.00E+00	2.23E-06	1.15E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.23E-06
186	ALL	463182.5	3773707	NonCancer	0.00E+00	3.60E-08	2.17E-06	0.00E+00	0.00E+00	2.19E-06	1.12E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.19E-06
187	ALL	463169.3	3773713	NonCancer	0.00E+00	3.56E-08	2.14E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.16E-06
188	ALL	463156.1	3773719	NonCancer	0.00E+00	3.49E-08	2.10E-06	0.00E+00	0.00E+00	2.12E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.12E-06
189	ALL	463142.9	3773725	NonCancer	0.00E+00	3.39E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
190	ALL	463129.7	3773731	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
191	ALL	463116.6	3773737	NonCancer	0.00E+00	3.33E-08	2.01E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.02E-06
192	ALL	463103.4	3773743	NonCancer	0.00E+00	3.27E-08	1.97E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.99E-06
193	ALL	463090.2	3773749	NonCancer	0.00E+00	3.18E-08	1.91E-06	0.00E+00	0.00E+00	1.93E-06	9.91E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.93E-06
194	ALL	463077	3773755	NonCancer	0.00E+00	3.13E-08	1.89E-06	0.00E+00	0.00E+00	1.90E-06	9.78E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.90E-06
195	ALL	463063.8	3773761	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.80E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
196	ALL	463050.6	3773767	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.90E-06	9.79E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.90E-06
197	ALL	463037.4	3773773	NonCancer	0.00E+00	3.10E-08	1.87E-06	0.00E+00	0.00E+00	1.88E-06	9.68E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.88E-06
198	ALL	463403.4	3773636	NonCancer	0.00E+00	2.58E-07	1.55E-05	0.00E+00	0.00E+00	1.56E-05	8.03E-06	0.00E+00	1.23E-05	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.56E-05
199	ALL	463390.3	3773642	NonCancer	0.00E+00	1.42E-07	8.54E-06	0.00E+00	0.00E+00	8.61E-06	4.42E-06	0.00E+00	6.77E-06	0.00E+00	0.00E+00	8.54E-06	0.00E+00	0.00E+00	8.61E-06
200	ALL	463377.2	3773648	NonCancer	0.00E+00	1.04E-07	6.27E-06	0.00E+00	0.00E+00	6.32E-06	3.25E-06	0.00E+00	4.97E-06	0.00E+00	0.00E+00	6.27E-06	0.00E+00	0.00E+00	6.32E-06
201	ALL	463364.2	3773654	NonCancer	0.00E+00	8.57E-08	5.16E-06	0.00E+00	0.00E+00	5.20E-06	2.67E-06	0.00E+00	4.09E-06	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	5.20E-06
202	ALL	463351.1	3773660	NonCancer	0.00E+00	7.44E-08	4.48E-06	0.00E+00	0.00E+00	4.51E-06	2.32E-06	0.00E+00	3.55E-06	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	4.51E-06
203	ALL	463338	3773666	NonCancer	0.00E+00	6.61E-08	3.98E-06	0.00E+00	0.00E+00	4.01E-06	2.06E-06	0.00E+00	3.15E-06	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	4.01E-06
204	ALL	463324.9	3773672	NonCancer	0.00E+00	5.94E-08	3.58E-06	0.00E+00	0.00E+00	3.60E-06	1.85E-06	0.00E+00	2.83E-06	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	3.60E-06
205	ALL	463311.8	3773678	NonCancer	0.00E+00	5.32E-08	3.20E-06	0.00E+00	0.00E+00	3.23E-06	1.66E-06	0.00E+00	2.54E-06	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	3.23E-06
206	ALL	463298.7	3773684	NonCancer	0.00E+00	4.86E-08	2.93E-06	0.00E+00	0.00E+00	2.95E-06	1.52E-06	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	2.95E-06
207	ALL	463285.7	3773690	NonCancer	0.00E+00	4.62E-08	2.78E-06	0.00E+00	0.00E+00	2.80E-06	1.44E-06	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	2.80E-06
208	ALL	463272.6	3773696	NonCancer	0.00E+00	4.44E-08	2.67E-06	0.00E+00	0.00E+00	2.70E-06	1.39E-06	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	2.70E-06
209	ALL	463259.5	3773702	NonCancer	0.00E+00	4.30E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
210	ALL	463246.4	3773708	NonCancer	0.00E+00	4.17E-08	2.51E-06	0.00E+00	0.00E+00	2.53E-06	1.30E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	2.53E-06
211	ALL	463233.3	3773714	NonCancer	0.00E+00	4.08E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.27E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
212	ALL	463220.3	3773720	NonCancer	0.00E+00	3.97E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
213	ALL	463207.2	3773726	NonCancer	0.00E+00	3.83E-08	2.31E-06	0.00E+00	0.00E+00	2.32E-06	1.19E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.32E-06
214	ALL	463194.1	3773731	NonCancer	0.00E+00	3.69E-08	2.22E-06	0.00E+00	0.00E+00	2.24E-06	1.15E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.24E-06

215	ALL	463181	3773737	NonCancer	0.00E+00	3.57E-08	2.15E-06	0.00E+00	0.00E+00	2.17E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.17E-06
216	ALL	463167.9	3773743	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.10E-06
217	ALL	463154.9	3773749	NonCancer	0.00E+00	3.37E-08	2.03E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.04E-06
218	ALL	463141.8	3773755	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
219	ALL	463128.7	3773761	NonCancer	0.00E+00	3.30E-08	1.99E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.00E-06
220	ALL	463115.6	3773767	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	1.99E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	1.99E-06
221	ALL	463102.5	3773773	NonCancer	0.00E+00	3.23E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
222	ALL	463089.5	3773779	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
223	ALL	463076.4	3773785	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.90E-06	9.78E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.90E-06
224	ALL	463063.3	3773791	NonCancer	0.00E+00	3.07E-08	1.85E-06	0.00E+00	0.00E+00	1.86E-06	9.59E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.86E-06
225	ALL	463050.2	3773797	NonCancer	0.00E+00	3.05E-08	1.83E-06	0.00E+00	0.00E+00	1.85E-06	9.51E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.85E-06
226	ALL	463037.1	3773803	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.86E-06	9.54E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.86E-06
227	ALL	463440.9	3773615	NonCancer	0.00E+00	1.56E-07	9.40E-06	0.00E+00	0.00E+00	9.48E-06	4.87E-06	0.00E+00	7.45E-06	0.00E+00	0.00E+00	9.40E-06	0.00E+00	0.00E+00	9.48E-06
228	ALL	463452.2	3773643	NonCancer	0.00E+00	1.11E-07	6.68E-06	0.00E+00	0.00E+00	6.73E-06	3.46E-06	0.00E+00	5.29E-06	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	6.73E-06
229	ALL	463439.1	3773649	NonCancer	0.00E+00	1.67E-07	1.00E-05	0.00E+00	0.00E+00	1.01E-05	5.19E-06	0.00E+00	7.94E-06	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	1.01E-05
230	ALL	463399.5	3773667	NonCancer	0.00E+00	2.00E-07	1.21E-05	0.00E+00	0.00E+00	1.22E-05	6.25E-06	0.00E+00	9.56E-06	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.22E-05
231	ALL	463386.4	3773673	NonCancer	0.00E+00	1.25E-07	7.50E-06	0.00E+00	0.00E+00	7.56E-06	3.89E-06	0.00E+00	5.94E-06	0.00E+00	0.00E+00	7.50E-06	0.00E+00	0.00E+00	7.56E-06
232	ALL	463373.2	3773679	NonCancer	0.00E+00	9.59E-08	5.77E-06	0.00E+00	0.00E+00	5.81E-06	2.99E-06	0.00E+00	4.57E-06	0.00E+00	0.00E+00	5.77E-06	0.00E+00	0.00E+00	5.81E-06
233	ALL	463360	3773685	NonCancer	0.00E+00	8.03E-08	4.83E-06	0.00E+00	0.00E+00	4.87E-06	2.50E-06	0.00E+00	3.83E-06	0.00E+00	0.00E+00	4.83E-06	0.00E+00	0.00E+00	4.87E-06
234	ALL	463346.9	3773692	NonCancer	0.00E+00	7.02E-08	4.22E-06	0.00E+00	0.00E+00	4.26E-06	2.19E-06	0.00E+00	3.35E-06	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	4.26E-06
235	ALL	463333.7	3773698	NonCancer	0.00E+00	6.28E-08	3.78E-06	0.00E+00	0.00E+00	3.81E-06	1.96E-06	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	3.81E-06
236	ALL	463320.5	3773704	NonCancer	0.00E+00	5.66E-08	3.40E-06	0.00E+00	0.00E+00	3.43E-06	1.76E-06	0.00E+00	2.70E-06	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.43E-06
237	ALL	463307.4	3773710	NonCancer	0.00E+00	5.18E-08	3.12E-06	0.00E+00	0.00E+00	3.14E-06	1.62E-06	0.00E+00	2.47E-06	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.14E-06
238	ALL	463294.2	3773716	NonCancer	0.00E+00	4.93E-08	2.97E-06	0.00E+00	0.00E+00	2.99E-06	1.54E-06	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	2.99E-06
239	ALL	463281	3773722	NonCancer	0.00E+00	4.67E-08	2.81E-06	0.00E+00	0.00E+00	2.83E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	2.83E-06
240	ALL	463267.8	3773728	NonCancer	0.00E+00	4.45E-08	2.68E-06	0.00E+00	0.00E+00	2.70E-06	1.39E-06	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	2.70E-06
241	ALL	463254.7	3773734	NonCancer	0.00E+00	4.24E-08	2.55E-06	0.00E+00	0.00E+00	2.57E-06	1.32E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.57E-06
242	ALL	463241.5	3773740	NonCancer	0.00E+00	4.08E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.27E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
243	ALL	463228.3	3773746	NonCancer	0.00E+00	3.94E-08	2.37E-06	0.00E+00	0.00E+00	2.39E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.39E-06
244	ALL	463215.2	3773752	NonCancer	0.00E+00	3.84E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
245	ALL	463202	3773758	NonCancer	0.00E+00	3.75E-08	2.26E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.28E-06
246	ALL	463188.8	3773764	NonCancer	0.00E+00	3.68E-08	2.22E-06	0.00E+00	0.00E+00	2.23E-06	1.15E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.23E-06
247	ALL	463175.6	3773770	NonCancer	0.00E+00	3.60E-08	2.16E-06	0.00E+00	0.00E+00	2.18E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.18E-06
248	ALL	463162.5	3773776	NonCancer	0.00E+00	3.41E-08	2.06E-06	0.00E+00	0.00E+00	2.07E-06	1.07E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.07E-06
249	ALL	463149.3	3773782	NonCancer	0.00E+00	3.26E-08	1.96E-06	0.00E+00	0.00E+00	1.98E-06	1.02E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.98E-06
250	ALL	463136.1	3773788	NonCancer	0.00E+00	3.28E-08	1.98E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	1.99E-06
251	ALL	463123	3773794	NonCancer	0.00E+00	3.25E-08	1.96E-06	0.00E+00	0.00E+00	1.97E-06	1.02E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.97E-06
252	ALL	463109.8	3773800	NonCancer	0.00E+00	3.18E-08	1.92E-06	0.00E+00	0.00E+00	1.93E-06	9.93E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.93E-06
253	ALL	463096.6	3773806	NonCancer	0.00E+00	3.13E-08	1.88E-06	0.00E+00	0.00E+00	1.90E-06	9.76E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.90E-06
254	ALL	463083.4	3773812	NonCancer	0.00E+00	3.11E-08	1.87E-06	0.00E+00	0.00E+00	1.89E-06	9.71E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.89E-06
255	ALL	463070.3	3773818	NonCancer	0.00E+00	3.07E-08	1.85E-06	0.00E+00	0.00E+00	1.86E-06	9.59E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.86E-06
256	ALL	463057.1	3773824	NonCancer	0.00E+00	3.05E-08	1.84E-06	0.00E+00	0.00E+00	1.85E-06	9.51E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.85E-06
257	ALL	463043.9	3773830	NonCancer	0.00E+00	3.03E-08	1.82E-06	0.00E+00	0.00E+00	1.84E-06	9.45E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.84E-06
258	ALL	463463.6	3773635	NonCancer	0.00E+00	9.06E-08	5.45E-06	0.00E+00	0.00E+00	5.49E-06	2.82E-06	0.00E+00	4.32E-06	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	5.49E-06
259	ALL	463482.6	3773669	NonCancer	0.00E+00	7.25E-08	4.36E-06	0.00E+00	0.00E+00	4.40E-06	2.26E-06	0.00E+00	3.45E-06	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	4.40E-06
260	ALL	463469.5	3773675	NonCancer	0.00E+00	8.29E-08	4.99E-06	0.00E+00	0.00E+00	5.03E-06	2.59E-06	0.00E+00	3.95E-06	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	5.03E-06
261	ALL	463456.4	3773681	NonCancer	0.00E+00	1.00E-07	6.04E-06	0.00E+00	0.00E+00	6.09E-06	3.13E-06	0.00E+00	4.79E-06	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.09E-06
262	ALL	463443.3	3773687	NonCancer	0.00E+00	1.41E-07	8.48E-06	0.00E+00	0.00E+00	8.55E-06	4.39E-06	0.00E+00	6.72E-06	0.00E+00	0.00E+00	8.48E-06	0.00E+00	0.00E+00	8.55E-06
263	ALL	463404	3773705	NonCancer	0.00E+00	2.52E-07	1.52E-05	0.00E+00	0.00E+00	1.53E-05	7.85E-06	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.53E-05
264	ALL	463390.9	3773711	NonCancer	0.00E+00	1.37E-07	8.26E-06	0.00E+00	0.00E+00	8.32E-06	4.28E-06	0.00E+00	6.54E-06	0.00E+00	0.00E+00	8.26E-06	0.00E+00	0.00E+00	8.32E-06
265	ALL	463377.8	3773717	NonCancer	0.00E+00	1.00E-07	6.05E-06	0.00E+00	0.00E+00	6.09E-06	3.13E-06	0.00E+00	4.79E-06	0.00E+00	0.00E+00	6.05E-06	0.00E+00	0.00E+00	6.09E-06
266	ALL	463364.7	3773723	NonCancer	0.00E+00	8.28E-08	4.98E-06	0.00E+00	0.00E+00	5.02E-06	2.58E-06	0.00E+00	3.95E-06	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	5.02E-06
267	ALL	463351.6	3773729	NonCancer	0.00E+00	7.24E-08	4.35E-06	0.00E+00	0.00E+00	4.39E-06	2.26E-06	0.00E+00	3.45E-06	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	4.39E-06
268	ALL	463338.5	3773735	NonCancer	0.00E+00	6.45E-08	3.88E-06	0.00E+00	0.00E+00	3.91E-06	2.01E-06	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	3.91E-06

269	ALL	463325.4	3773741	NonCancer	0.00E+00	5.76E-08	3.47E-06	0.00E+00	0.00E+00	3.50E-06	1.80E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	3.50E-06
270	ALL	463312.3	3773747	NonCancer	0.00E+00	5.22E-08	3.14E-06	0.00E+00	0.00E+00	3.17E-06	1.63E-06	0.00E+00	2.49E-06	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.17E-06
271	ALL	463299.2	3773753	NonCancer	0.00E+00	4.95E-08	2.98E-06	0.00E+00	0.00E+00	3.01E-06	1.55E-06	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	3.01E-06
272	ALL	463286.1	3773759	NonCancer	0.00E+00	4.73E-08	2.85E-06	0.00E+00	0.00E+00	2.87E-06	1.48E-06	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	2.87E-06
273	ALL	463273	3773765	NonCancer	0.00E+00	4.53E-08	2.73E-06	0.00E+00	0.00E+00	2.75E-06	1.41E-06	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	2.75E-06
274	ALL	463259.9	3773771	NonCancer	0.00E+00	4.39E-08	2.64E-06	0.00E+00	0.00E+00	2.67E-06	1.37E-06	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	2.67E-06
275	ALL	463246.8	3773777	NonCancer	0.00E+00	4.28E-08	2.57E-06	0.00E+00	0.00E+00	2.59E-06	1.33E-06	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	2.59E-06
276	ALL	463233.7	3773783	NonCancer	0.00E+00	4.11E-08	2.47E-06	0.00E+00	0.00E+00	2.49E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.49E-06
277	ALL	463220.6	3773789	NonCancer	0.00E+00	3.96E-08	2.38E-06	0.00E+00	0.00E+00	2.40E-06	1.24E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	2.40E-06
278	ALL	463207.5	3773795	NonCancer	0.00E+00	3.80E-08	2.29E-06	0.00E+00	0.00E+00	2.31E-06	1.19E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.31E-06
279	ALL	463194.4	3773801	NonCancer	0.00E+00	3.69E-08	2.22E-06	0.00E+00	0.00E+00	2.24E-06	1.15E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.24E-06
280	ALL	463181.3	3773807	NonCancer	0.00E+00	3.58E-08	2.15E-06	0.00E+00	0.00E+00	2.17E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.17E-06
281	ALL	463168.2	3773813	NonCancer	0.00E+00	3.50E-08	2.11E-06	0.00E+00	0.00E+00	2.13E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.13E-06
282	ALL	463155.1	3773819	NonCancer	0.00E+00	3.46E-08	2.08E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.10E-06
283	ALL	463142	3773825	NonCancer	0.00E+00	3.41E-08	2.05E-06	0.00E+00	0.00E+00	2.07E-06	1.06E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.07E-06
284	ALL	463128.9	3773831	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
285	ALL	463115.8	3773837	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.01E-06	1.04E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.01E-06
286	ALL	463102.7	3773843	NonCancer	0.00E+00	3.26E-08	1.96E-06	0.00E+00	0.00E+00	1.98E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.98E-06
287	ALL	463089.6	3773849	NonCancer	0.00E+00	3.19E-08	1.92E-06	0.00E+00	0.00E+00	1.94E-06	9.96E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.94E-06
288	ALL	463076.5	3773855	NonCancer	0.00E+00	3.10E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.66E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
289	ALL	463063.4	3773861	NonCancer	0.00E+00	3.01E-08	1.81E-06	0.00E+00	0.00E+00	1.83E-06	9.39E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.83E-06
290	ALL	463050.3	3773867	NonCancer	0.00E+00	3.00E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.36E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
291	ALL	463037.2	3773873	NonCancer	0.00E+00	3.03E-08	1.82E-06	0.00E+00	0.00E+00	1.84E-06	9.46E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.84E-06
292	ALL	463493.9	3773661	NonCancer	0.00E+00	6.56E-08	3.95E-06	0.00E+00	0.00E+00	3.98E-06	2.05E-06	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	3.98E-06
293	ALL	463512.8	3773695	NonCancer	0.00E+00	5.49E-08	3.30E-06	0.00E+00	0.00E+00	3.33E-06	1.71E-06	0.00E+00	2.62E-06	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	3.33E-06
294	ALL	463499.6	3773702	NonCancer	0.00E+00	6.11E-08	3.68E-06	0.00E+00	0.00E+00	3.71E-06	1.91E-06	0.00E+00	2.91E-06	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	3.71E-06
295	ALL	463486.4	3773708	NonCancer	0.00E+00	6.90E-08	4.15E-06	0.00E+00	0.00E+00	4.19E-06	2.15E-06	0.00E+00	3.29E-06	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	4.19E-06
296	ALL	463473.2	3773714	NonCancer	0.00E+00	7.91E-08	4.76E-06	0.00E+00	0.00E+00	4.80E-06	2.47E-06	0.00E+00	3.77E-06	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	4.80E-06
297	ALL	463460	3773720	NonCancer	0.00E+00	9.46E-08	5.69E-06	0.00E+00	0.00E+00	5.74E-06	2.95E-06	0.00E+00	4.51E-06	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	5.74E-06
298	ALL	463446.8	3773726	NonCancer	0.00E+00	1.27E-07	7.67E-06	0.00E+00	0.00E+00	7.73E-06	3.97E-06	0.00E+00	6.08E-06	0.00E+00	0.00E+00	7.67E-06	0.00E+00	0.00E+00	7.73E-06
299	ALL	463407.2	3773744	NonCancer	0.00E+00	3.06E-07	1.84E-05	0.00E+00	0.00E+00	1.85E-05	9.53E-06	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.85E-05
300	ALL	463394	3773750	NonCancer	0.00E+00	1.47E-07	8.84E-06	0.00E+00	0.00E+00	8.91E-06	4.58E-06	0.00E+00	7.00E-06	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	8.91E-06
301	ALL	463380.8	3773756	NonCancer	0.00E+00	1.05E-07	6.29E-06	0.00E+00	0.00E+00	6.34E-06	3.26E-06	0.00E+00	4.99E-06	0.00E+00	0.00E+00	6.29E-06	0.00E+00	0.00E+00	6.34E-06
302	ALL	463367.5	3773762	NonCancer	0.00E+00	8.52E-08	5.13E-06	0.00E+00	0.00E+00	5.17E-06	2.66E-06	0.00E+00	4.06E-06	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	5.17E-06
303	ALL	463354.3	3773768	NonCancer	0.00E+00	7.31E-08	4.40E-06	0.00E+00	0.00E+00	4.43E-06	2.28E-06	0.00E+00	3.48E-06	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	4.43E-06
304	ALL	463341.1	3773774	NonCancer	0.00E+00	6.41E-08	3.85E-06	0.00E+00	0.00E+00	3.89E-06	2.00E-06	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	3.89E-06
305	ALL	463327.9	3773780	NonCancer	0.00E+00	5.69E-08	3.43E-06	0.00E+00	0.00E+00	3.45E-06	1.78E-06	0.00E+00	2.72E-06	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	3.45E-06
306	ALL	463314.7	3773786	NonCancer	0.00E+00	5.30E-08	3.19E-06	0.00E+00	0.00E+00	3.22E-06	1.65E-06	0.00E+00	2.53E-06	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	3.22E-06
307	ALL	463301.5	3773792	NonCancer	0.00E+00	5.05E-08	3.04E-06	0.00E+00	0.00E+00	3.07E-06	1.58E-06	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.07E-06
308	ALL	463288.3	3773798	NonCancer	0.00E+00	4.76E-08	2.86E-06	0.00E+00	0.00E+00	2.88E-06	1.48E-06	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	2.88E-06
309	ALL	463275.1	3773804	NonCancer	0.00E+00	4.53E-08	2.72E-06	0.00E+00	0.00E+00	2.75E-06	1.41E-06	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	2.75E-06
310	ALL	463261.9	3773810	NonCancer	0.00E+00	4.34E-08	2.61E-06	0.00E+00	0.00E+00	2.63E-06	1.35E-06	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	2.63E-06
311	ALL	463248.7	3773816	NonCancer	0.00E+00	4.20E-08	2.53E-06	0.00E+00	0.00E+00	2.55E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	2.55E-06
312	ALL	463235.5	3773823	NonCancer	0.00E+00	4.11E-08	2.47E-06	0.00E+00	0.00E+00	2.49E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.49E-06
313	ALL	463222.3	3773829	NonCancer	0.00E+00	3.98E-08	2.40E-06	0.00E+00	0.00E+00	2.42E-06	1.24E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	2.42E-06
314	ALL	463209.1	3773835	NonCancer	0.00E+00	3.89E-08	2.34E-06	0.00E+00	0.00E+00	2.36E-06	1.21E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.36E-06
315	ALL	463195.9	3773841	NonCancer	0.00E+00	3.79E-08	2.28E-06	0.00E+00	0.00E+00	2.30E-06	1.18E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.30E-06
316	ALL	463182.7	3773847	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
317	ALL	463169.5	3773853	NonCancer	0.00E+00	3.57E-08	2.15E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.16E-06
318	ALL	463156.3	3773859	NonCancer	0.00E+00	3.46E-08	2.08E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.10E-06
319	ALL	463143.1	3773865	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
320	ALL	463129.9	3773871	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
321	ALL	463524.2	3773687	NonCancer	0.00E+00	5.07E-08	3.05E-06	0.00E+00	0.00E+00	3.08E-06	1.58E-06	0.00E+00	2.42E-06	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.08E-06
322	ALL	463543.1	3773722	NonCancer	0.00E+00	4.50E-08	2.71E-06	0.00E+00	0.00E+00	2.73E-06	1.40E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.73E-06

323	ALL	463530	3773728	NonCancer	0.00E+00	4.80E-08	2.89E-06	0.00E+00	0.00E+00	2.91E-06	1.50E-06	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	2.91E-06
324	ALL	463516.8	3773734	NonCancer	0.00E+00	5.21E-08	3.13E-06	0.00E+00	0.00E+00	3.16E-06	1.62E-06	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.16E-06
325	ALL	463503.7	3773740	NonCancer	0.00E+00	5.79E-08	3.48E-06	0.00E+00	0.00E+00	3.51E-06	1.81E-06	0.00E+00	2.76E-06	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	3.51E-06
326	ALL	463490.6	3773746	NonCancer	0.00E+00	6.53E-08	3.93E-06	0.00E+00	0.00E+00	3.96E-06	2.04E-06	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	3.96E-06
327	ALL	463477.4	3773752	NonCancer	0.00E+00	7.48E-08	4.50E-06	0.00E+00	0.00E+00	4.54E-06	2.33E-06	0.00E+00	3.57E-06	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	4.54E-06
328	ALL	463464.3	3773758	NonCancer	0.00E+00	8.87E-08	5.34E-06	0.00E+00	0.00E+00	5.38E-06	2.77E-06	0.00E+00	4.23E-06	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	5.38E-06
329	ALL	463451.2	3773764	NonCancer	0.00E+00	1.15E-07	6.89E-06	0.00E+00	0.00E+00	6.95E-06	3.57E-06	0.00E+00	5.46E-06	0.00E+00	0.00E+00	6.89E-06	0.00E+00	0.00E+00	6.95E-06
330	ALL	463398.6	3773788	NonCancer	0.00E+00	1.73E-07	1.04E-05	0.00E+00	0.00E+00	1.05E-05	5.38E-06	0.00E+00	8.23E-06	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.05E-05
331	ALL	463385.5	3773794	NonCancer	0.00E+00	1.14E-07	6.83E-06	0.00E+00	0.00E+00	6.88E-06	3.54E-06	0.00E+00	5.41E-06	0.00E+00	0.00E+00	6.83E-06	0.00E+00	0.00E+00	6.88E-06
332	ALL	463372.3	3773800	NonCancer	0.00E+00	8.88E-08	5.34E-06	0.00E+00	0.00E+00	5.39E-06	2.77E-06	0.00E+00	4.23E-06	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	5.39E-06
333	ALL	463359.2	3773806	NonCancer	0.00E+00	7.49E-08	4.51E-06	0.00E+00	0.00E+00	4.55E-06	2.34E-06	0.00E+00	3.57E-06	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	4.55E-06
334	ALL	463346	3773812	NonCancer	0.00E+00	6.64E-08	3.99E-06	0.00E+00	0.00E+00	4.02E-06	2.07E-06	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	4.02E-06
335	ALL	463332.9	3773818	NonCancer	0.00E+00	5.92E-08	3.56E-06	0.00E+00	0.00E+00	3.59E-06	1.84E-06	0.00E+00	2.82E-06	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	3.59E-06
336	ALL	463319.8	3773824	NonCancer	0.00E+00	5.38E-08	3.24E-06	0.00E+00	0.00E+00	3.26E-06	1.68E-06	0.00E+00	2.56E-06	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	3.26E-06
337	ALL	463306.6	3773830	NonCancer	0.00E+00	5.01E-08	3.02E-06	0.00E+00	0.00E+00	3.04E-06	1.56E-06	0.00E+00	2.39E-06	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.04E-06
338	ALL	463293.5	3773836	NonCancer	0.00E+00	4.73E-08	2.85E-06	0.00E+00	0.00E+00	2.87E-06	1.47E-06	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	2.87E-06
339	ALL	463280.3	3773842	NonCancer	0.00E+00	4.53E-08	2.73E-06	0.00E+00	0.00E+00	2.75E-06	1.41E-06	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	2.75E-06
340	ALL	463267.2	3773848	NonCancer	0.00E+00	4.37E-08	2.63E-06	0.00E+00	0.00E+00	2.65E-06	1.36E-06	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	2.65E-06
341	ALL	463254.1	3773854	NonCancer	0.00E+00	4.26E-08	2.56E-06	0.00E+00	0.00E+00	2.58E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.58E-06
342	ALL	463240.9	3773860	NonCancer	0.00E+00	4.11E-08	2.48E-06	0.00E+00	0.00E+00	2.49E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	2.49E-06
343	ALL	463227.8	3773866	NonCancer	0.00E+00	3.94E-08	2.37E-06	0.00E+00	0.00E+00	2.39E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.39E-06
344	ALL	463554.5	3773713	NonCancer	0.00E+00	4.28E-08	2.57E-06	0.00E+00	0.00E+00	2.59E-06	1.33E-06	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	2.59E-06
345	ALL	463573.4	3773748	NonCancer	0.00E+00	3.90E-08	2.35E-06	0.00E+00	0.00E+00	2.37E-06	1.22E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.37E-06
346	ALL	463560.1	3773754	NonCancer	0.00E+00	4.13E-08	2.49E-06	0.00E+00	0.00E+00	2.51E-06	1.29E-06	0.00E+00	1.97E-06	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	2.51E-06
347	ALL	463546.9	3773760	NonCancer	0.00E+00	4.40E-08	2.65E-06	0.00E+00	0.00E+00	2.67E-06	1.37E-06	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	2.67E-06
348	ALL	463533.7	3773766	NonCancer	0.00E+00	4.68E-08	2.82E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	2.84E-06
349	ALL	463520.4	3773772	NonCancer	0.00E+00	5.04E-08	3.03E-06	0.00E+00	0.00E+00	3.06E-06	1.57E-06	0.00E+00	2.40E-06	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.06E-06
350	ALL	463507.2	3773778	NonCancer	0.00E+00	5.62E-08	3.38E-06	0.00E+00	0.00E+00	3.41E-06	1.75E-06	0.00E+00	2.68E-06	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	3.41E-06
351	ALL	463494	3773784	NonCancer	0.00E+00	6.38E-08	3.84E-06	0.00E+00	0.00E+00	3.87E-06	1.99E-06	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	3.87E-06
352	ALL	463480.8	3773790	NonCancer	0.00E+00	7.33E-08	4.41E-06	0.00E+00	0.00E+00	4.45E-06	2.29E-06	0.00E+00	3.50E-06	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	4.45E-06
353	ALL	463467.5	3773796	NonCancer	0.00E+00	8.61E-08	5.18E-06	0.00E+00	0.00E+00	5.22E-06	2.68E-06	0.00E+00	4.10E-06	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	5.22E-06
354	ALL	463454.3	3773802	NonCancer	0.00E+00	1.08E-07	6.50E-06	0.00E+00	0.00E+00	6.56E-06	3.37E-06	0.00E+00	5.15E-06	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	6.56E-06
355	ALL	463441.1	3773808	NonCancer	0.00E+00	1.62E-07	9.74E-06	0.00E+00	0.00E+00	9.82E-06	5.05E-06	0.00E+00	7.72E-06	0.00E+00	0.00E+00	9.74E-06	0.00E+00	0.00E+00	9.82E-06
356	ALL	463401.4	3773827	NonCancer	0.00E+00	1.90E-07	1.14E-05	0.00E+00	0.00E+00	1.15E-05	5.92E-06	0.00E+00	9.06E-06	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.15E-05
357	ALL	463388.1	3773833	NonCancer	0.00E+00	1.20E-07	7.22E-06	0.00E+00	0.00E+00	7.27E-06	3.74E-06	0.00E+00	5.72E-06	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	7.27E-06
358	ALL	463374.9	3773839	NonCancer	0.00E+00	9.29E-08	5.59E-06	0.00E+00	0.00E+00	5.64E-06	2.90E-06	0.00E+00	4.43E-06	0.00E+00	0.00E+00	5.59E-06	0.00E+00	0.00E+00	5.64E-06
359	ALL	463361.7	3773845	NonCancer	0.00E+00	7.75E-08	4.66E-06	0.00E+00	0.00E+00	4.70E-06	2.42E-06	0.00E+00	3.70E-06	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	4.70E-06
360	ALL	463348.4	3773851	NonCancer	0.00E+00	6.67E-08	4.01E-06	0.00E+00	0.00E+00	4.05E-06	2.08E-06	0.00E+00	3.18E-06	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	4.05E-06
361	ALL	463335.2	3773857	NonCancer	0.00E+00	5.82E-08	3.50E-06	0.00E+00	0.00E+00	3.53E-06	1.82E-06	0.00E+00	2.78E-06	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	3.53E-06
362	ALL	463322	3773863	NonCancer	0.00E+00	5.34E-08	3.21E-06	0.00E+00	0.00E+00	3.24E-06	1.66E-06	0.00E+00	2.54E-06	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	3.24E-06
363	ALL	463308.7	3773869	NonCancer	0.00E+00	5.11E-08	3.07E-06	0.00E+00	0.00E+00	3.10E-06	1.59E-06	0.00E+00	2.44E-06	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.10E-06
364	ALL	463584.7	3773739	NonCancer	0.00E+00	3.74E-08	2.25E-06	0.00E+00	0.00E+00	2.27E-06	1.17E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.27E-06
365	ALL	463603.7	3773774	NonCancer	0.00E+00	3.46E-08	2.08E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.10E-06
366	ALL	463590.5	3773780	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
367	ALL	463577.4	3773786	NonCancer	0.00E+00	3.92E-08	2.36E-06	0.00E+00	0.00E+00	2.38E-06	1.22E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.38E-06
368	ALL	463564.2	3773792	NonCancer	0.00E+00	4.13E-08	2.48E-06	0.00E+00	0.00E+00	2.50E-06	1.29E-06	0.00E+00	1.97E-06	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	2.50E-06
369	ALL	463551	3773798	NonCancer	0.00E+00	4.32E-08	2.60E-06	0.00E+00	0.00E+00	2.62E-06	1.35E-06	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	2.62E-06
370	ALL	463537.8	3773804	NonCancer	0.00E+00	4.54E-08	2.73E-06	0.00E+00	0.00E+00	2.75E-06	1.42E-06	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	2.75E-06
371	ALL	463524.7	3773810	NonCancer	0.00E+00	4.88E-08	2.93E-06	0.00E+00	0.00E+00	2.96E-06	1.52E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	2.96E-06
372	ALL	463511.5	3773816	NonCancer	0.00E+00	5.33E-08	3.21E-06	0.00E+00	0.00E+00	3.23E-06	1.66E-06	0.00E+00	2.54E-06	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	3.23E-06
373	ALL	463498.3	3773822	NonCancer	0.00E+00	6.06E-08	3.65E-06	0.00E+00	0.00E+00	3.68E-06	1.89E-06	0.00E+00	2.89E-06	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	3.68E-06
374	ALL	463485.2	3773828	NonCancer	0.00E+00	7.00E-08	4.21E-06	0.00E+00	0.00E+00	4.25E-06	2.18E-06	0.00E+00	3.34E-06	0.00E+00	0.00E+00	4.21E-06	0.00E+00	0.00E+00	4.25E-06
375	ALL	463472	3773834	NonCancer	0.00E+00	8.20E-08	4.93E-06	0.00E+00	0.00E+00	4.97E-06	2.56E-06	0.00E+00	3.91E-06	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	4.97E-06
376	ALL	463458.8	3773840	NonCancer	0.00E+00	1.00E-07	6.04E-06	0.00E+00	0.00E+00	6.09E-06	3.13E-06	0.00E+00	4.79E-06	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.09E-06

377	ALL	463445.6	3773846	NonCancer	0.00E+00	1.40E-07	8.45E-06	0.00E+00	0.00E+00	8.52E-06	4.38E-06	0.00E+00	6.70E-06	0.00E+00	0.00E+00	8.45E-06	0.00E+00	0.00E+00	8.52E-06
378	ALL	463406.1	3773864	NonCancer	0.00E+00	2.42E-07	1.46E-05	0.00E+00	0.00E+00	1.47E-05	7.54E-06	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.47E-05
379	ALL	463615	3773765	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
380	ALL	463633.9	3773800	NonCancer	0.00E+00	3.23E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
381	ALL	463620.7	3773806	NonCancer	0.00E+00	3.40E-08	2.05E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.06E-06
382	ALL	463607.4	3773812	NonCancer	0.00E+00	3.52E-08	2.12E-06	0.00E+00	0.00E+00	2.13E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.13E-06
383	ALL	463594.2	3773818	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
384	ALL	463580.9	3773824	NonCancer	0.00E+00	3.88E-08	2.33E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.35E-06
385	ALL	463567.7	3773830	NonCancer	0.00E+00	4.16E-08	2.51E-06	0.00E+00	0.00E+00	2.53E-06	1.30E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	2.53E-06
386	ALL	463554.4	3773836	NonCancer	0.00E+00	4.41E-08	2.66E-06	0.00E+00	0.00E+00	2.68E-06	1.38E-06	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	2.68E-06
387	ALL	463541.2	3773842	NonCancer	0.00E+00	4.64E-08	2.79E-06	0.00E+00	0.00E+00	2.81E-06	1.45E-06	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	2.81E-06
388	ALL	463527.9	3773849	NonCancer	0.00E+00	4.91E-08	2.95E-06	0.00E+00	0.00E+00	2.98E-06	1.53E-06	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	2.98E-06
389	ALL	463514.7	3773855	NonCancer	0.00E+00	5.26E-08	3.17E-06	0.00E+00	0.00E+00	3.19E-06	1.64E-06	0.00E+00	2.51E-06	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	3.19E-06
390	ALL	463501.4	3773861	NonCancer	0.00E+00	5.77E-08	3.47E-06	0.00E+00	0.00E+00	3.50E-06	1.80E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	3.50E-06
391	ALL	463488.2	3773867	NonCancer	0.00E+00	6.62E-08	3.99E-06	0.00E+00	0.00E+00	4.02E-06	2.07E-06	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	4.02E-06
392	ALL	463474.9	3773873	NonCancer	0.00E+00	7.76E-08	4.67E-06	0.00E+00	0.00E+00	4.71E-06	2.42E-06	0.00E+00	3.70E-06	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	4.71E-06
393	ALL	463461.7	3773879	NonCancer	0.00E+00	9.44E-08	5.68E-06	0.00E+00	0.00E+00	5.73E-06	2.94E-06	0.00E+00	4.50E-06	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	5.73E-06
394	ALL	463448.4	3773885	NonCancer	0.00E+00	1.30E-07	7.83E-06	0.00E+00	0.00E+00	7.89E-06	4.06E-06	0.00E+00	6.20E-06	0.00E+00	0.00E+00	7.83E-06	0.00E+00	0.00E+00	7.89E-06
395	ALL	463645.3	3773791	NonCancer	0.00E+00	3.07E-08	1.85E-06	0.00E+00	0.00E+00	1.86E-06	9.57E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.86E-06
396	ALL	463664.3	3773826	NonCancer	0.00E+00	2.85E-08	1.71E-06	0.00E+00	0.00E+00	1.73E-06	8.88E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.73E-06
397	ALL	463651.1	3773832	NonCancer	0.00E+00	2.97E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.25E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06
398	ALL	463637.9	3773838	NonCancer	0.00E+00	3.13E-08	1.89E-06	0.00E+00	0.00E+00	1.90E-06	9.78E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.90E-06
399	ALL	463624.7	3773844	NonCancer	0.00E+00	3.27E-08	1.97E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.99E-06
400	ALL	463611.5	3773850	NonCancer	0.00E+00	3.38E-08	2.04E-06	0.00E+00	0.00E+00	2.05E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.05E-06
401	ALL	463598.3	3773856	NonCancer	0.00E+00	3.52E-08	2.12E-06	0.00E+00	0.00E+00	2.13E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.13E-06
402	ALL	463585.1	3773862	NonCancer	0.00E+00	3.75E-08	2.26E-06	0.00E+00	0.00E+00	2.27E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.27E-06
403	ALL	463571.9	3773868	NonCancer	0.00E+00	4.01E-08	2.42E-06	0.00E+00	0.00E+00	2.44E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	2.44E-06
404	ALL	463558.7	3773874	NonCancer	0.00E+00	4.21E-08	2.54E-06	0.00E+00	0.00E+00	2.56E-06	1.31E-06	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	2.56E-06
405	ALL	463545.5	3773881	NonCancer	0.00E+00	4.41E-08	2.66E-06	0.00E+00	0.00E+00	2.68E-06	1.38E-06	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	2.68E-06
406	ALL	463532.3	3773887	NonCancer	0.00E+00	4.68E-08	2.82E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	2.84E-06
407	ALL	463519.1	3773893	NonCancer	0.00E+00	5.01E-08	3.01E-06	0.00E+00	0.00E+00	3.04E-06	1.56E-06	0.00E+00	2.39E-06	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.04E-06
408	ALL	463505.9	3773899	NonCancer	0.00E+00	5.47E-08	3.29E-06	0.00E+00	0.00E+00	3.32E-06	1.71E-06	0.00E+00	2.61E-06	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	3.32E-06
409	ALL	463492.7	3773905	NonCancer	0.00E+00	6.20E-08	3.73E-06	0.00E+00	0.00E+00	3.76E-06	1.93E-06	0.00E+00	2.96E-06	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	3.76E-06
410	ALL	463479.5	3773911	NonCancer	0.00E+00	7.27E-08	4.38E-06	0.00E+00	0.00E+00	4.41E-06	2.27E-06	0.00E+00	3.47E-06	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	4.41E-06
411	ALL	463466.3	3773917	NonCancer	0.00E+00	8.66E-08	5.21E-06	0.00E+00	0.00E+00	5.25E-06	2.70E-06	0.00E+00	4.13E-06	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	5.25E-06
412	ALL	463453.1	3773923	NonCancer	0.00E+00	1.13E-07	6.80E-06	0.00E+00	0.00E+00	6.85E-06	3.52E-06	0.00E+00	5.39E-06	0.00E+00	0.00E+00	6.80E-06	0.00E+00	0.00E+00	6.85E-06
413	ALL	463675.6	3773818	NonCancer	0.00E+00	2.80E-08	1.68E-06	0.00E+00	0.00E+00	1.70E-06	8.72E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.70E-06
414	ALL	463694.6	3773852	NonCancer	0.00E+00	2.62E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.16E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
415	ALL	463681.4	3773858	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.65E-06	8.46E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.65E-06
416	ALL	463668.3	3773864	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.89E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
417	ALL	463655.1	3773870	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.81E-06	9.28E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.81E-06
418	ALL	463642	3773876	NonCancer	0.00E+00	3.07E-08	1.85E-06	0.00E+00	0.00E+00	1.86E-06	9.56E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.86E-06
419	ALL	463628.9	3773882	NonCancer	0.00E+00	3.17E-08	1.91E-06	0.00E+00	0.00E+00	1.92E-06	9.87E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.92E-06
420	ALL	463615.7	3773888	NonCancer	0.00E+00	3.34E-08	2.01E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.02E-06
421	ALL	463602.6	3773894	NonCancer	0.00E+00	3.55E-08	2.14E-06	0.00E+00	0.00E+00	2.15E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.15E-06
422	ALL	463589.4	3773900	NonCancer	0.00E+00	3.72E-08	2.24E-06	0.00E+00	0.00E+00	2.26E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.26E-06
423	ALL	463576.3	3773906	NonCancer	0.00E+00	3.87E-08	2.33E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.35E-06
424	ALL	463563.1	3773912	NonCancer	0.00E+00	4.05E-08	2.44E-06	0.00E+00	0.00E+00	2.46E-06	1.26E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	2.46E-06
425	ALL	463550	3773918	NonCancer	0.00E+00	4.25E-08	2.56E-06	0.00E+00	0.00E+00	2.58E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.58E-06
426	ALL	463536.8	3773924	NonCancer	0.00E+00	4.51E-08	2.72E-06	0.00E+00	0.00E+00	2.74E-06	1.41E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	2.74E-06
427	ALL	463523.7	3773931	NonCancer	0.00E+00	4.90E-08	2.95E-06	0.00E+00	0.00E+00	2.97E-06	1.53E-06	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	2.97E-06
428	ALL	463705.9	3773844	NonCancer	0.00E+00	2.57E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.02E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
429	ALL	463724.8	3773878	NonCancer	0.00E+00	2.45E-08	1.47E-06	0.00E+00	0.00E+00	1.49E-06	7.64E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.49E-06
430	ALL	463711.6	3773884	NonCancer	0.00E+00	2.55E-08	1.53E-06	0.00E+00	0.00E+00	1.55E-06	7.95E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.55E-06

431	ALL	463698.4	3773890	NonCancer	0.00E+00	2.65E-08	1.59E-06	0.00E+00	0.00E+00	1.61E-06	8.26E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.61E-06
432	ALL	463685.2	3773897	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.55E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
433	ALL	463672	3773903	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.70E-06	8.75E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.70E-06
434	ALL	463658.7	3773909	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.01E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
435	ALL	463645.5	3773915	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.81E-06	9.28E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.81E-06
436	ALL	463632.3	3773921	NonCancer	0.00E+00	3.07E-08	1.84E-06	0.00E+00	0.00E+00	1.86E-06	9.56E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.86E-06
437	ALL	463619.1	3773927	NonCancer	0.00E+00	3.24E-08	1.95E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.96E-06
438	ALL	463736.2	3773870	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.44E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
439	ALL	463755.2	3773904	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.36E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
440	ALL	463742	3773910	NonCancer	0.00E+00	2.41E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.52E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
441	ALL	463728.8	3773917	NonCancer	0.00E+00	2.47E-08	1.48E-06	0.00E+00	0.00E+00	1.50E-06	7.69E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.50E-06
442	ALL	463715.6	3773923	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.88E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
443	ALL	463702.5	3773929	NonCancer	0.00E+00	2.60E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.12E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
444	ALL	463766.5	3773896	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.24E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
445	ALL	463307.8	3773489	NonCancer	0.00E+00	6.91E-08	4.16E-06	0.00E+00	0.00E+00	4.19E-06	2.15E-06	0.00E+00	3.29E-06	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	4.19E-06
446	ALL	463336.8	3773491	NonCancer	0.00E+00	8.28E-08	4.98E-06	0.00E+00	0.00E+00	5.02E-06	2.58E-06	0.00E+00	3.95E-06	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	5.02E-06
447	ALL	463333.6	3773500	NonCancer	0.00E+00	7.93E-08	4.77E-06	0.00E+00	0.00E+00	4.81E-06	2.47E-06	0.00E+00	3.78E-06	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	4.81E-06
448	ALL	463330.4	3773509	NonCancer	0.00E+00	7.59E-08	4.57E-06	0.00E+00	0.00E+00	4.60E-06	2.37E-06	0.00E+00	3.62E-06	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	4.60E-06
449	ALL	463366	3773493	NonCancer	0.00E+00	1.05E-07	6.34E-06	0.00E+00	0.00E+00	6.39E-06	3.28E-06	0.00E+00	5.02E-06	0.00E+00	0.00E+00	6.34E-06	0.00E+00	0.00E+00	6.39E-06
450	ALL	463362.8	3773502	NonCancer	0.00E+00	1.00E-07	6.03E-06	0.00E+00	0.00E+00	6.07E-06	3.12E-06	0.00E+00	4.78E-06	0.00E+00	0.00E+00	6.03E-06	0.00E+00	0.00E+00	6.07E-06
451	ALL	463359.6	3773511	NonCancer	0.00E+00	9.58E-08	5.76E-06	0.00E+00	0.00E+00	5.81E-06	2.99E-06	0.00E+00	4.57E-06	0.00E+00	0.00E+00	5.76E-06	0.00E+00	0.00E+00	5.81E-06
452	ALL	463356.4	3773519	NonCancer	0.00E+00	9.13E-08	5.50E-06	0.00E+00	0.00E+00	5.54E-06	2.85E-06	0.00E+00	4.36E-06	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	5.54E-06
453	ALL	463353.2	3773528	NonCancer	0.00E+00	8.71E-08	5.24E-06	0.00E+00	0.00E+00	5.29E-06	2.72E-06	0.00E+00	4.16E-06	0.00E+00	0.00E+00	5.24E-06	0.00E+00	0.00E+00	5.29E-06
454	ALL	463395.3	3773495	NonCancer	0.00E+00	1.87E-07	1.13E-05	0.00E+00	0.00E+00	1.13E-05	5.83E-06	0.00E+00	8.92E-06	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.13E-05
455	ALL	463392.1	3773504	NonCancer	0.00E+00	1.67E-07	1.00E-05	0.00E+00	0.00E+00	1.01E-05	5.20E-06	0.00E+00	7.95E-06	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	1.01E-05
456	ALL	463388.9	3773513	NonCancer	0.00E+00	1.51E-07	9.06E-06	0.00E+00	0.00E+00	9.13E-06	4.69E-06	0.00E+00	7.18E-06	0.00E+00	0.00E+00	9.06E-06	0.00E+00	0.00E+00	9.13E-06
457	ALL	463385.6	3773521	NonCancer	0.00E+00	1.37E-07	8.26E-06	0.00E+00	0.00E+00	8.33E-06	4.28E-06	0.00E+00	6.55E-06	0.00E+00	0.00E+00	8.26E-06	0.00E+00	0.00E+00	8.33E-06
458	ALL	463382.4	3773530	NonCancer	0.00E+00	1.27E-07	7.63E-06	0.00E+00	0.00E+00	7.70E-06	3.96E-06	0.00E+00	6.05E-06	0.00E+00	0.00E+00	7.63E-06	0.00E+00	0.00E+00	7.70E-06
459	ALL	463379.2	3773539	NonCancer	0.00E+00	1.18E-07	7.10E-06	0.00E+00	0.00E+00	7.16E-06	3.68E-06	0.00E+00	5.63E-06	0.00E+00	0.00E+00	7.10E-06	0.00E+00	0.00E+00	7.16E-06
460	ALL	463375.9	3773548	NonCancer	0.00E+00	1.11E-07	6.66E-06	0.00E+00	0.00E+00	6.71E-06	3.45E-06	0.00E+00	5.27E-06	0.00E+00	0.00E+00	6.66E-06	0.00E+00	0.00E+00	6.71E-06
461	ALL	463405.2	3773550	NonCancer	0.00E+00	3.11E-07	1.87E-05	0.00E+00	0.00E+00	1.89E-05	9.70E-06	0.00E+00	1.48E-05	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	1.89E-05
462	ALL	463401.9	3773558	NonCancer	0.00E+00	2.44E-07	1.47E-05	0.00E+00	0.00E+00	1.48E-05	7.60E-06	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.48E-05
463	ALL	463398.7	3773567	NonCancer	0.00E+00	2.02E-07	1.21E-05	0.00E+00	0.00E+00	1.22E-05	6.29E-06	0.00E+00	9.63E-06	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.22E-05
464	ALL	463456.5	3773492	NonCancer	0.00E+00	1.12E-07	6.76E-06	0.00E+00	0.00E+00	6.81E-06	3.50E-06	0.00E+00	5.36E-06	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	6.81E-06
465	ALL	463453.3	3773501	NonCancer	0.00E+00	1.18E-07	7.10E-06	0.00E+00	0.00E+00	7.16E-06	3.68E-06	0.00E+00	5.63E-06	0.00E+00	0.00E+00	7.10E-06	0.00E+00	0.00E+00	7.16E-06
466	ALL	463450.1	3773509	NonCancer	0.00E+00	1.26E-07	7.56E-06	0.00E+00	0.00E+00	7.62E-06	3.92E-06	0.00E+00	5.99E-06	0.00E+00	0.00E+00	7.56E-06	0.00E+00	0.00E+00	7.62E-06
467	ALL	463446.9	3773518	NonCancer	0.00E+00	1.35E-07	8.11E-06	0.00E+00	0.00E+00	8.18E-06	4.20E-06	0.00E+00	6.43E-06	0.00E+00	0.00E+00	8.11E-06	0.00E+00	0.00E+00	8.18E-06
468	ALL	463443.7	3773526	NonCancer	0.00E+00	1.47E-07	8.87E-06	0.00E+00	0.00E+00	8.94E-06	4.60E-06	0.00E+00	7.03E-06	0.00E+00	0.00E+00	8.87E-06	0.00E+00	0.00E+00	8.94E-06
469	ALL	463440.5	3773535	NonCancer	0.00E+00	1.63E-07	9.83E-06	0.00E+00	0.00E+00	9.91E-06	5.10E-06	0.00E+00	7.79E-06	0.00E+00	0.00E+00	9.83E-06	0.00E+00	0.00E+00	9.91E-06
470	ALL	463437.3	3773544	NonCancer	0.00E+00	1.85E-07	1.11E-05	0.00E+00	0.00E+00	1.12E-05	5.76E-06	0.00E+00	8.80E-06	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.12E-05
471	ALL	463485.9	3773494	NonCancer	0.00E+00	8.09E-08	4.87E-06	0.00E+00	0.00E+00	4.91E-06	2.52E-06	0.00E+00	3.86E-06	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	4.91E-06
472	ALL	463482.7	3773502	NonCancer	0.00E+00	8.23E-08	4.95E-06	0.00E+00	0.00E+00	4.99E-06	2.57E-06	0.00E+00	3.92E-06	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	4.99E-06
473	ALL	463479.5	3773511	NonCancer	0.00E+00	8.39E-08	5.05E-06	0.00E+00	0.00E+00	5.09E-06	2.62E-06	0.00E+00	4.00E-06	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	5.09E-06
474	ALL	463476.2	3773520	NonCancer	0.00E+00	8.59E-08	5.17E-06	0.00E+00	0.00E+00	5.21E-06	2.68E-06	0.00E+00	4.10E-06	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	5.21E-06
475	ALL	463473	3773528	NonCancer	0.00E+00	8.79E-08	5.29E-06	0.00E+00	0.00E+00	5.33E-06	2.74E-06	0.00E+00	4.19E-06	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	5.33E-06
476	ALL	463469.8	3773537	NonCancer	0.00E+00	9.01E-08	5.42E-06	0.00E+00	0.00E+00	5.47E-06	2.81E-06	0.00E+00	4.30E-06	0.00E+00	0.00E+00	5.42E-06	0.00E+00	0.00E+00	5.47E-06
477	ALL	463466.6	3773546	NonCancer	0.00E+00	9.35E-08	5.62E-06	0.00E+00	0.00E+00	5.67E-06	2.91E-06	0.00E+00	4.46E-06	0.00E+00	0.00E+00	5.62E-06	0.00E+00	0.00E+00	5.67E-06
478	ALL	463463.4	3773554	NonCancer	0.00E+00	9.71E-08	5.84E-06	0.00E+00	0.00E+00	5.89E-06	3.03E-06	0.00E+00	4.63E-06	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	5.89E-06
479	ALL	463460.2	3773563	NonCancer	0.00E+00	1.01E-07	6.09E-06	0.00E+00	0.00E+00	6.14E-06	3.15E-06	0.00E+00	4.82E-06	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	6.14E-06
480	ALL	463456.9	3773572	NonCancer	0.00E+00	1.06E-07	6.36E-06	0.00E+00	0.00E+00	6.42E-06	3.30E-06	0.00E+00	5.04E-06	0.00E+00	0.00E+00	6.36E-06	0.00E+00	0.00E+00	6.42E-06
481	ALL	463453.7	3773580	NonCancer	0.00E+00	1.12E-07	6.71E-06	0.00E+00	0.00E+00	6.76E-06	3.48E-06	0.00E+00	5.32E-06	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	6.76E-06
482	ALL	463450.5	3773589	NonCancer	0.00E+00	1.19E-07	7.17E-06	0.00E+00	0.00E+00	7.23E-06	3.72E-06	0.00E+00	5.69E-06	0.00E+00	0.00E+00	7.17E-06	0.00E+00	0.00E+00	7.23E-06
483	ALL	463447.3	3773598	NonCancer	0.00E+00	1.29E-07	7.74E-06	0.00E+00	0.00E+00	7.80E-06	4.01E-06	0.00E+00	6.14E-06	0.00E+00	0.00E+00	7.74E-06	0.00E+00	0.00E+00	7.80E-06
484	ALL	463444.1	3773606	NonCancer	0.00E+00	1.40E-07	8.44E-06	0.00E+00	0.00E+00	8.51E-06	4.38E-06	0.00E+00	6.69E-06	0.00E+00	0.00E+00	8.44E-06	0.00E+00	0.00E+00	8.51E-06

485	ALL	463518.6	3773486	NonCancer	0.00E+00	6.21E-08	3.74E-06	0.00E+00	0.00E+00	3.77E-06	1.94E-06	0.00E+00	2.96E-06	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	3.77E-06
486	ALL	463515.3	3773495	NonCancer	0.00E+00	6.35E-08	3.82E-06	0.00E+00	0.00E+00	3.85E-06	1.98E-06	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	3.85E-06
487	ALL	463512.1	3773504	NonCancer	0.00E+00	6.47E-08	3.89E-06	0.00E+00	0.00E+00	3.93E-06	2.02E-06	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	3.93E-06
488	ALL	463508.9	3773512	NonCancer	0.00E+00	6.57E-08	3.95E-06	0.00E+00	0.00E+00	3.99E-06	2.05E-06	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	3.99E-06
489	ALL	463505.6	3773521	NonCancer	0.00E+00	6.65E-08	4.00E-06	0.00E+00	0.00E+00	4.03E-06	2.07E-06	0.00E+00	3.17E-06	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	4.03E-06
490	ALL	463502.4	3773530	NonCancer	0.00E+00	6.75E-08	4.06E-06	0.00E+00	0.00E+00	4.09E-06	2.10E-06	0.00E+00	3.22E-06	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	4.09E-06
491	ALL	463499.2	3773539	NonCancer	0.00E+00	6.86E-08	4.13E-06	0.00E+00	0.00E+00	4.16E-06	2.14E-06	0.00E+00	3.27E-06	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	4.16E-06
492	ALL	463495.9	3773547	NonCancer	0.00E+00	6.96E-08	4.19E-06	0.00E+00	0.00E+00	4.22E-06	2.17E-06	0.00E+00	3.32E-06	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	4.22E-06
493	ALL	463492.7	3773556	NonCancer	0.00E+00	7.11E-08	4.28E-06	0.00E+00	0.00E+00	4.32E-06	2.22E-06	0.00E+00	3.39E-06	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	4.32E-06
494	ALL	463489.5	3773565	NonCancer	0.00E+00	7.31E-08	4.40E-06	0.00E+00	0.00E+00	4.43E-06	2.28E-06	0.00E+00	3.49E-06	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	4.43E-06
495	ALL	463486.2	3773574	NonCancer	0.00E+00	7.51E-08	4.52E-06	0.00E+00	0.00E+00	4.55E-06	2.34E-06	0.00E+00	3.58E-06	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	4.55E-06
496	ALL	463483	3773582	NonCancer	0.00E+00	7.70E-08	4.63E-06	0.00E+00	0.00E+00	4.67E-06	2.40E-06	0.00E+00	3.67E-06	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	4.67E-06
497	ALL	463479.8	3773591	NonCancer	0.00E+00	7.87E-08	4.74E-06	0.00E+00	0.00E+00	4.77E-06	2.45E-06	0.00E+00	3.75E-06	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	4.77E-06
498	ALL	463476.5	3773600	NonCancer	0.00E+00	8.05E-08	4.85E-06	0.00E+00	0.00E+00	4.88E-06	2.51E-06	0.00E+00	3.84E-06	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	4.88E-06
499	ALL	463473.3	3773609	NonCancer	0.00E+00	8.25E-08	4.97E-06	0.00E+00	0.00E+00	5.01E-06	2.57E-06	0.00E+00	3.94E-06	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	5.01E-06
500	ALL	463470	3773617	NonCancer	0.00E+00	8.47E-08	5.10E-06	0.00E+00	0.00E+00	5.14E-06	2.64E-06	0.00E+00	4.04E-06	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	5.14E-06
501	ALL	463466.8	3773626	NonCancer	0.00E+00	8.71E-08	5.24E-06	0.00E+00	0.00E+00	5.28E-06	2.71E-06	0.00E+00	4.15E-06	0.00E+00	0.00E+00	5.24E-06	0.00E+00	0.00E+00	5.28E-06
502	ALL	463558.6	3773486	NonCancer	0.00E+00	4.92E-08	2.96E-06	0.00E+00	0.00E+00	2.99E-06	1.54E-06	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	2.99E-06
503	ALL	463555.3	3773495	NonCancer	0.00E+00	5.01E-08	3.02E-06	0.00E+00	0.00E+00	3.04E-06	1.56E-06	0.00E+00	2.39E-06	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.04E-06
504	ALL	463552.1	3773504	NonCancer	0.00E+00	5.09E-08	3.07E-06	0.00E+00	0.00E+00	3.09E-06	1.59E-06	0.00E+00	2.43E-06	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.09E-06
505	ALL	463548.9	3773512	NonCancer	0.00E+00	5.16E-08	3.11E-06	0.00E+00	0.00E+00	3.13E-06	1.61E-06	0.00E+00	2.46E-06	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.13E-06
506	ALL	463545.6	3773521	NonCancer	0.00E+00	5.21E-08	3.14E-06	0.00E+00	0.00E+00	3.16E-06	1.63E-06	0.00E+00	2.49E-06	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.16E-06
507	ALL	463542.4	3773530	NonCancer	0.00E+00	5.24E-08	3.16E-06	0.00E+00	0.00E+00	3.18E-06	1.64E-06	0.00E+00	2.50E-06	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.18E-06
508	ALL	463539.2	3773539	NonCancer	0.00E+00	5.26E-08	3.17E-06	0.00E+00	0.00E+00	3.19E-06	1.64E-06	0.00E+00	2.51E-06	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	3.19E-06
509	ALL	463535.9	3773547	NonCancer	0.00E+00	5.31E-08	3.19E-06	0.00E+00	0.00E+00	3.22E-06	1.66E-06	0.00E+00	2.53E-06	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	3.22E-06
510	ALL	463532.7	3773556	NonCancer	0.00E+00	5.39E-08	3.24E-06	0.00E+00	0.00E+00	3.27E-06	1.68E-06	0.00E+00	2.57E-06	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	3.27E-06
511	ALL	463529.5	3773565	NonCancer	0.00E+00	5.46E-08	3.29E-06	0.00E+00	0.00E+00	3.31E-06	1.70E-06	0.00E+00	2.60E-06	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	3.31E-06
512	ALL	463526.2	3773573	NonCancer	0.00E+00	5.52E-08	3.32E-06	0.00E+00	0.00E+00	3.35E-06	1.72E-06	0.00E+00	2.63E-06	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	3.35E-06
513	ALL	463523	3773582	NonCancer	0.00E+00	5.65E-08	3.40E-06	0.00E+00	0.00E+00	3.43E-06	1.76E-06	0.00E+00	2.69E-06	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.43E-06
514	ALL	463519.8	3773591	NonCancer	0.00E+00	5.78E-08	3.48E-06	0.00E+00	0.00E+00	3.50E-06	1.80E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	3.50E-06
515	ALL	463516.5	3773600	NonCancer	0.00E+00	5.89E-08	3.54E-06	0.00E+00	0.00E+00	3.57E-06	1.84E-06	0.00E+00	2.81E-06	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	3.57E-06
516	ALL	463513.3	3773608	NonCancer	0.00E+00	5.99E-08	3.60E-06	0.00E+00	0.00E+00	3.63E-06	1.87E-06	0.00E+00	2.85E-06	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	3.63E-06
517	ALL	463510	3773617	NonCancer	0.00E+00	6.07E-08	3.65E-06	0.00E+00	0.00E+00	3.68E-06	1.89E-06	0.00E+00	2.89E-06	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	3.68E-06
518	ALL	463506.8	3773626	NonCancer	0.00E+00	6.13E-08	3.69E-06	0.00E+00	0.00E+00	3.72E-06	1.91E-06	0.00E+00	2.92E-06	0.00E+00	0.00E+00	3.69E-06	0.00E+00	0.00E+00	3.72E-06
519	ALL	463503.6	3773635	NonCancer	0.00E+00	6.22E-08	3.74E-06	0.00E+00	0.00E+00	3.77E-06	1.94E-06	0.00E+00	2.97E-06	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	3.77E-06
520	ALL	463500.3	3773643	NonCancer	0.00E+00	6.32E-08	3.80E-06	0.00E+00	0.00E+00	3.83E-06	1.97E-06	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	3.83E-06
521	ALL	463497.1	3773652	NonCancer	0.00E+00	6.41E-08	3.86E-06	0.00E+00	0.00E+00	3.89E-06	2.00E-06	0.00E+00	3.06E-06	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	3.89E-06
522	ALL	463598.6	3773486	NonCancer	0.00E+00	4.34E-08	2.61E-06	0.00E+00	0.00E+00	2.63E-06	1.35E-06	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	2.63E-06
523	ALL	463595.3	3773495	NonCancer	0.00E+00	4.32E-08	2.60E-06	0.00E+00	0.00E+00	2.62E-06	1.35E-06	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	2.62E-06
524	ALL	463592.1	3773504	NonCancer	0.00E+00	4.28E-08	2.58E-06	0.00E+00	0.00E+00	2.60E-06	1.34E-06	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.60E-06
525	ALL	463588.9	3773512	NonCancer	0.00E+00	4.36E-08	2.62E-06	0.00E+00	0.00E+00	2.65E-06	1.36E-06	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	2.65E-06
526	ALL	463585.6	3773521	NonCancer	0.00E+00	4.44E-08	2.67E-06	0.00E+00	0.00E+00	2.69E-06	1.38E-06	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	2.69E-06
527	ALL	463582.4	3773530	NonCancer	0.00E+00	4.51E-08	2.71E-06	0.00E+00	0.00E+00	2.73E-06	1.41E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.73E-06
528	ALL	463579.2	3773538	NonCancer	0.00E+00	4.56E-08	2.74E-06	0.00E+00	0.00E+00	2.76E-06	1.42E-06	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	2.76E-06
529	ALL	463575.9	3773547	NonCancer	0.00E+00	4.59E-08	2.76E-06	0.00E+00	0.00E+00	2.79E-06	1.43E-06	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	2.79E-06
530	ALL	463572.7	3773556	NonCancer	0.00E+00	4.62E-08	2.78E-06	0.00E+00	0.00E+00	2.80E-06	1.44E-06	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	2.80E-06
531	ALL	463569.5	3773565	NonCancer	0.00E+00	4.63E-08	2.79E-06	0.00E+00	0.00E+00	2.81E-06	1.44E-06	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	2.81E-06
532	ALL	463566.2	3773573	NonCancer	0.00E+00	4.64E-08	2.79E-06	0.00E+00	0.00E+00	2.82E-06	1.45E-06	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	2.82E-06
533	ALL	463563	3773582	NonCancer	0.00E+00	4.68E-08	2.82E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	2.84E-06
534	ALL	463559.8	3773591	NonCancer	0.00E+00	4.70E-08	2.83E-06	0.00E+00	0.00E+00	2.85E-06	1.47E-06	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	2.85E-06
535	ALL	463556.5	3773600	NonCancer	0.00E+00	4.72E-08	2.84E-06	0.00E+00	0.00E+00	2.86E-06	1.47E-06	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	2.86E-06
536	ALL	463553.3	3773608	NonCancer	0.00E+00	4.80E-08	2.89E-06	0.00E+00	0.00E+00	2.91E-06	1.50E-06	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	2.91E-06
537	ALL	463550	3773617	NonCancer	0.00E+00	4.86E-08	2.92E-06	0.00E+00	0.00E+00	2.95E-06	1.52E-06	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	2.95E-06
538	ALL	463546.8	3773626	NonCancer	0.00E+00	4.92E-08	2.96E-06	0.00E+00	0.00E+00	2.98E-06	1.53E-06	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	2.98E-06

539	ALL	463543.6	3773635	NonCancer	0.00E+00	4.93E-08	2.97E-06	0.00E+00	0.00E+00	2.99E-06	1.54E-06	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	2.99E-06
540	ALL	463540.3	3773643	NonCancer	0.00E+00	4.93E-08	2.97E-06	0.00E+00	0.00E+00	2.99E-06	1.54E-06	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	2.99E-06
541	ALL	463537.1	3773652	NonCancer	0.00E+00	4.91E-08	2.96E-06	0.00E+00	0.00E+00	2.98E-06	1.53E-06	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	2.98E-06
542	ALL	463533.9	3773661	NonCancer	0.00E+00	4.94E-08	2.97E-06	0.00E+00	0.00E+00	3.00E-06	1.54E-06	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	3.00E-06
543	ALL	463530.6	3773669	NonCancer	0.00E+00	4.98E-08	3.00E-06	0.00E+00	0.00E+00	3.02E-06	1.55E-06	0.00E+00	2.37E-06	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	3.02E-06
544	ALL	463527.4	3773678	NonCancer	0.00E+00	5.01E-08	3.01E-06	0.00E+00	0.00E+00	3.04E-06	1.56E-06	0.00E+00	2.39E-06	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.04E-06
545	ALL	463638.6	3773486	NonCancer	0.00E+00	3.95E-08	2.38E-06	0.00E+00	0.00E+00	2.40E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	2.40E-06
546	ALL	463635.3	3773495	NonCancer	0.00E+00	3.94E-08	2.37E-06	0.00E+00	0.00E+00	2.39E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.39E-06
547	ALL	463632.1	3773503	NonCancer	0.00E+00	3.93E-08	2.37E-06	0.00E+00	0.00E+00	2.38E-06	1.23E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.38E-06
548	ALL	463628.9	3773512	NonCancer	0.00E+00	3.90E-08	2.35E-06	0.00E+00	0.00E+00	2.37E-06	1.22E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.37E-06
549	ALL	463625.6	3773521	NonCancer	0.00E+00	3.88E-08	2.33E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.35E-06
550	ALL	463622.4	3773530	NonCancer	0.00E+00	3.93E-08	2.37E-06	0.00E+00	0.00E+00	2.39E-06	1.23E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.39E-06
551	ALL	463619.2	3773538	NonCancer	0.00E+00	3.99E-08	2.40E-06	0.00E+00	0.00E+00	2.42E-06	1.24E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	2.42E-06
552	ALL	463615.9	3773547	NonCancer	0.00E+00	4.05E-08	2.44E-06	0.00E+00	0.00E+00	2.46E-06	1.26E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	2.46E-06
553	ALL	463612.7	3773556	NonCancer	0.00E+00	4.09E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.28E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
554	ALL	463609.5	3773565	NonCancer	0.00E+00	4.12E-08	2.48E-06	0.00E+00	0.00E+00	2.50E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	2.50E-06
555	ALL	463606.2	3773573	NonCancer	0.00E+00	4.14E-08	2.49E-06	0.00E+00	0.00E+00	2.51E-06	1.29E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	2.51E-06
556	ALL	463603	3773582	NonCancer	0.00E+00	4.16E-08	2.50E-06	0.00E+00	0.00E+00	2.52E-06	1.30E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	2.52E-06
557	ALL	463599.8	3773591	NonCancer	0.00E+00	4.15E-08	2.50E-06	0.00E+00	0.00E+00	2.52E-06	1.29E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	2.52E-06
558	ALL	463596.5	3773600	NonCancer	0.00E+00	4.14E-08	2.49E-06	0.00E+00	0.00E+00	2.51E-06	1.29E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	2.51E-06
559	ALL	463593.3	3773608	NonCancer	0.00E+00	4.13E-08	2.49E-06	0.00E+00	0.00E+00	2.51E-06	1.29E-06	0.00E+00	1.97E-06	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	2.51E-06
560	ALL	463590	3773617	NonCancer	0.00E+00	4.12E-08	2.48E-06	0.00E+00	0.00E+00	2.50E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	2.50E-06
561	ALL	463586.8	3773626	NonCancer	0.00E+00	4.14E-08	2.49E-06	0.00E+00	0.00E+00	2.51E-06	1.29E-06	0.00E+00	1.97E-06	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	2.51E-06
562	ALL	463583.6	3773634	NonCancer	0.00E+00	4.20E-08	2.53E-06	0.00E+00	0.00E+00	2.55E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	2.55E-06
563	ALL	463580.3	3773643	NonCancer	0.00E+00	4.25E-08	2.56E-06	0.00E+00	0.00E+00	2.58E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.58E-06
564	ALL	463577.1	3773652	NonCancer	0.00E+00	4.28E-08	2.58E-06	0.00E+00	0.00E+00	2.60E-06	1.34E-06	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.60E-06
565	ALL	463573.9	3773661	NonCancer	0.00E+00	4.30E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
566	ALL	463570.6	3773669	NonCancer	0.00E+00	4.30E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
567	ALL	463567.4	3773678	NonCancer	0.00E+00	4.29E-08	2.58E-06	0.00E+00	0.00E+00	2.60E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.60E-06
568	ALL	463564.2	3773687	NonCancer	0.00E+00	4.29E-08	2.58E-06	0.00E+00	0.00E+00	2.60E-06	1.34E-06	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.60E-06
569	ALL	463560.9	3773696	NonCancer	0.00E+00	4.27E-08	2.57E-06	0.00E+00	0.00E+00	2.59E-06	1.33E-06	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	2.59E-06
570	ALL	463557.7	3773704	NonCancer	0.00E+00	4.26E-08	2.56E-06	0.00E+00	0.00E+00	2.58E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.58E-06
571	ALL	463678.6	3773486	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.11E-06	1.08E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.11E-06
572	ALL	463675.3	3773495	NonCancer	0.00E+00	3.51E-08	2.11E-06	0.00E+00	0.00E+00	2.13E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.13E-06
573	ALL	463672.1	3773503	NonCancer	0.00E+00	3.52E-08	2.12E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.14E-06
574	ALL	463668.9	3773512	NonCancer	0.00E+00	3.52E-08	2.12E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.14E-06
575	ALL	463665.6	3773521	NonCancer	0.00E+00	3.51E-08	2.11E-06	0.00E+00	0.00E+00	2.13E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.13E-06
576	ALL	463662.4	3773530	NonCancer	0.00E+00	3.49E-08	2.10E-06	0.00E+00	0.00E+00	2.12E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.12E-06
577	ALL	463659.2	3773538	NonCancer	0.00E+00	3.49E-08	2.10E-06	0.00E+00	0.00E+00	2.12E-06	1.09E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.12E-06
578	ALL	463655.9	3773547	NonCancer	0.00E+00	3.53E-08	2.12E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.14E-06
579	ALL	463652.7	3773556	NonCancer	0.00E+00	3.58E-08	2.15E-06	0.00E+00	0.00E+00	2.17E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.17E-06
580	ALL	463649.5	3773565	NonCancer	0.00E+00	3.63E-08	2.18E-06	0.00E+00	0.00E+00	2.20E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.20E-06
581	ALL	463646.2	3773573	NonCancer	0.00E+00	3.68E-08	2.22E-06	0.00E+00	0.00E+00	2.23E-06	1.15E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.23E-06
582	ALL	463643	3773582	NonCancer	0.00E+00	3.72E-08	2.24E-06	0.00E+00	0.00E+00	2.26E-06	1.16E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.26E-06
583	ALL	463639.8	3773591	NonCancer	0.00E+00	3.75E-08	2.26E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.28E-06
584	ALL	463636.5	3773599	NonCancer	0.00E+00	3.76E-08	2.27E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.28E-06
585	ALL	463633.3	3773608	NonCancer	0.00E+00	3.75E-08	2.26E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.28E-06
586	ALL	463630	3773617	NonCancer	0.00E+00	3.72E-08	2.24E-06	0.00E+00	0.00E+00	2.26E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.26E-06
587	ALL	463626.8	3773626	NonCancer	0.00E+00	3.71E-08	2.23E-06	0.00E+00	0.00E+00	2.25E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.25E-06
588	ALL	463623.6	3773634	NonCancer	0.00E+00	3.71E-08	2.23E-06	0.00E+00	0.00E+00	2.25E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.25E-06
589	ALL	463620.3	3773643	NonCancer	0.00E+00	3.71E-08	2.23E-06	0.00E+00	0.00E+00	2.25E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.25E-06
590	ALL	463617.1	3773652	NonCancer	0.00E+00	3.76E-08	2.27E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.28E-06
591	ALL	463613.9	3773661	NonCancer	0.00E+00	3.81E-08	2.29E-06	0.00E+00	0.00E+00	2.31E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.31E-06
592	ALL	463610.6	3773669	NonCancer	0.00E+00	3.84E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06

593	ALL	463607.4	3773678	NonCancer	0.00E+00	3.85E-08	2.32E-06	0.00E+00	0.00E+00	2.34E-06	1.20E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.34E-06
594	ALL	463604.2	3773687	NonCancer	0.00E+00	3.86E-08	2.33E-06	0.00E+00	0.00E+00	2.34E-06	1.21E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.34E-06
595	ALL	463600.9	3773696	NonCancer	0.00E+00	3.84E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
596	ALL	463597.7	3773704	NonCancer	0.00E+00	3.80E-08	2.29E-06	0.00E+00	0.00E+00	2.31E-06	1.19E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.31E-06
597	ALL	463594.5	3773713	NonCancer	0.00E+00	3.77E-08	2.27E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.28E-06
598	ALL	463591.2	3773722	NonCancer	0.00E+00	3.74E-08	2.25E-06	0.00E+00	0.00E+00	2.27E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.27E-06
599	ALL	463588	3773730	NonCancer	0.00E+00	3.73E-08	2.25E-06	0.00E+00	0.00E+00	2.26E-06	1.16E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.26E-06
600	ALL	463718.6	3773486	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.87E-06	9.63E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.87E-06
601	ALL	463715.3	3773495	NonCancer	0.00E+00	3.07E-08	1.85E-06	0.00E+00	0.00E+00	1.86E-06	9.58E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.86E-06
602	ALL	463712.1	3773503	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.64E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
603	ALL	463708.9	3773512	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.90E-06	9.75E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.90E-06
604	ALL	463705.6	3773521	NonCancer	0.00E+00	3.15E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.82E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
605	ALL	463702.4	3773529	NonCancer	0.00E+00	3.16E-08	1.90E-06	0.00E+00	0.00E+00	1.92E-06	9.86E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.92E-06
606	ALL	463699.2	3773538	NonCancer	0.00E+00	3.16E-08	1.90E-06	0.00E+00	0.00E+00	1.92E-06	9.85E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.92E-06
607	ALL	463695.9	3773547	NonCancer	0.00E+00	3.15E-08	1.90E-06	0.00E+00	0.00E+00	1.91E-06	9.84E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.91E-06
608	ALL	463692.7	3773556	NonCancer	0.00E+00	3.16E-08	1.90E-06	0.00E+00	0.00E+00	1.92E-06	9.86E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.92E-06
609	ALL	463689.5	3773564	NonCancer	0.00E+00	3.19E-08	1.92E-06	0.00E+00	0.00E+00	1.94E-06	9.96E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.94E-06
610	ALL	463686.2	3773573	NonCancer	0.00E+00	3.23E-08	1.95E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.96E-06
611	ALL	463683	3773582	NonCancer	0.00E+00	3.27E-08	1.97E-06	0.00E+00	0.00E+00	1.98E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.98E-06
612	ALL	463679.8	3773591	NonCancer	0.00E+00	3.31E-08	1.99E-06	0.00E+00	0.00E+00	2.01E-06	1.03E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.01E-06
613	ALL	463676.5	3773599	NonCancer	0.00E+00	3.35E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
614	ALL	463673.3	3773608	NonCancer	0.00E+00	3.39E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
615	ALL	463670	3773617	NonCancer	0.00E+00	3.41E-08	2.05E-06	0.00E+00	0.00E+00	2.07E-06	1.06E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.07E-06
616	ALL	463666.8	3773626	NonCancer	0.00E+00	3.42E-08	2.06E-06	0.00E+00	0.00E+00	2.07E-06	1.07E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.07E-06
617	ALL	463663.6	3773634	NonCancer	0.00E+00	3.40E-08	2.05E-06	0.00E+00	0.00E+00	2.07E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.07E-06
618	ALL	463660.3	3773643	NonCancer	0.00E+00	3.40E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
619	ALL	463657.1	3773652	NonCancer	0.00E+00	3.40E-08	2.05E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.06E-06
620	ALL	463653.9	3773661	NonCancer	0.00E+00	3.38E-08	2.04E-06	0.00E+00	0.00E+00	2.05E-06	1.06E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.05E-06
621	ALL	463650.6	3773669	NonCancer	0.00E+00	3.38E-08	2.03E-06	0.00E+00	0.00E+00	2.05E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.05E-06
622	ALL	463647.4	3773678	NonCancer	0.00E+00	3.41E-08	2.05E-06	0.00E+00	0.00E+00	2.07E-06	1.06E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.07E-06
623	ALL	463644.2	3773687	NonCancer	0.00E+00	3.44E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06
624	ALL	463640.9	3773695	NonCancer	0.00E+00	3.46E-08	2.09E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.10E-06
625	ALL	463637.7	3773704	NonCancer	0.00E+00	3.48E-08	2.09E-06	0.00E+00	0.00E+00	2.11E-06	1.08E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.11E-06
626	ALL	463634.5	3773713	NonCancer	0.00E+00	3.48E-08	2.09E-06	0.00E+00	0.00E+00	2.11E-06	1.09E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.11E-06
627	ALL	463631.2	3773722	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.10E-06
628	ALL	463628	3773730	NonCancer	0.00E+00	3.45E-08	2.08E-06	0.00E+00	0.00E+00	2.09E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.09E-06
629	ALL	463624.7	3773739	NonCancer	0.00E+00	3.43E-08	2.07E-06	0.00E+00	0.00E+00	2.08E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.08E-06
630	ALL	463621.5	3773748	NonCancer	0.00E+00	3.41E-08	2.05E-06	0.00E+00	0.00E+00	2.07E-06	1.06E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.07E-06
631	ALL	463618.3	3773757	NonCancer	0.00E+00	3.38E-08	2.03E-06	0.00E+00	0.00E+00	2.05E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.05E-06
632	ALL	463758.6	3773486	NonCancer	0.00E+00	2.93E-08	1.77E-06	0.00E+00	0.00E+00	1.78E-06	9.15E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.78E-06
633	ALL	463755.3	3773494	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.90E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
634	ALL	463752.1	3773503	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.76E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
635	ALL	463748.9	3773512	NonCancer	0.00E+00	2.78E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.68E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
636	ALL	463745.6	3773521	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.69E-06	8.67E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.69E-06
637	ALL	463742.4	3773529	NonCancer	0.00E+00	2.80E-08	1.69E-06	0.00E+00	0.00E+00	1.70E-06	8.74E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.70E-06
638	ALL	463739.2	3773538	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.80E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
639	ALL	463735.9	3773547	NonCancer	0.00E+00	2.83E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.84E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
640	ALL	463732.7	3773556	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.82E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
641	ALL	463729.5	3773564	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.81E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
642	ALL	463726.2	3773573	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.90E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
643	ALL	463723	3773582	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.76E-06	9.02E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.76E-06
644	ALL	463719.8	3773591	NonCancer	0.00E+00	2.95E-08	1.77E-06	0.00E+00	0.00E+00	1.79E-06	9.20E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.79E-06
645	ALL	463716.5	3773599	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.34E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
646	ALL	463713.3	3773608	NonCancer	0.00E+00	3.04E-08	1.83E-06	0.00E+00	0.00E+00	1.84E-06	9.48E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.84E-06

647	ALL	463710	3773617	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.64E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
648	ALL	463706.8	3773625	NonCancer	0.00E+00	3.13E-08	1.88E-06	0.00E+00	0.00E+00	1.90E-06	9.76E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.90E-06
649	ALL	463703.6	3773634	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.90E-06	9.79E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.90E-06
650	ALL	463700.3	3773643	NonCancer	0.00E+00	3.13E-08	1.89E-06	0.00E+00	0.00E+00	1.90E-06	9.77E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.90E-06
651	ALL	463697.1	3773652	NonCancer	0.00E+00	3.11E-08	1.87E-06	0.00E+00	0.00E+00	1.89E-06	9.70E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.89E-06
652	ALL	463693.9	3773660	NonCancer	0.00E+00	3.08E-08	1.85E-06	0.00E+00	0.00E+00	1.87E-06	9.61E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.87E-06
653	ALL	463690.6	3773669	NonCancer	0.00E+00	3.08E-08	1.85E-06	0.00E+00	0.00E+00	1.87E-06	9.60E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.87E-06
654	ALL	463687.4	3773678	NonCancer	0.00E+00	3.07E-08	1.85E-06	0.00E+00	0.00E+00	1.87E-06	9.59E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.87E-06
655	ALL	463684.2	3773687	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.86E-06	9.55E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.86E-06
656	ALL	463680.9	3773695	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.65E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
657	ALL	463677.7	3773704	NonCancer	0.00E+00	3.15E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.81E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
658	ALL	463674.5	3773713	NonCancer	0.00E+00	3.19E-08	1.92E-06	0.00E+00	0.00E+00	1.93E-06	9.94E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.93E-06
659	ALL	463671.2	3773722	NonCancer	0.00E+00	3.20E-08	1.93E-06	0.00E+00	0.00E+00	1.94E-06	9.99E-07	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.94E-06
660	ALL	463668	3773730	NonCancer	0.00E+00	3.20E-08	1.92E-06	0.00E+00	0.00E+00	1.94E-06	9.97E-07	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.94E-06
661	ALL	463664.7	3773739	NonCancer	0.00E+00	3.18E-08	1.91E-06	0.00E+00	0.00E+00	1.93E-06	9.92E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.93E-06
662	ALL	463661.5	3773748	NonCancer	0.00E+00	3.15E-08	1.90E-06	0.00E+00	0.00E+00	1.91E-06	9.83E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.91E-06
663	ALL	463658.3	3773756	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.90E-06	9.78E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.90E-06
664	ALL	463655	3773765	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.89E-06	9.73E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.89E-06
665	ALL	463651.8	3773774	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.65E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
666	ALL	463648.6	3773783	NonCancer	0.00E+00	3.07E-08	1.85E-06	0.00E+00	0.00E+00	1.86E-06	9.58E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.86E-06
667	ALL	463798.6	3773486	NonCancer	0.00E+00	2.78E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.68E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
668	ALL	463795.3	3773494	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.40E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
669	ALL	463792.1	3773503	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.15E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
670	ALL	463788.9	3773512	NonCancer	0.00E+00	2.57E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.01E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
671	ALL	463785.6	3773521	NonCancer	0.00E+00	2.55E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.96E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
672	ALL	463782.4	3773529	NonCancer	0.00E+00	2.53E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.90E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
673	ALL	463779.2	3773538	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.91E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
674	ALL	463775.9	3773547	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.98E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
675	ALL	463772.7	3773556	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.57E-06	8.05E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.57E-06
676	ALL	463769.5	3773564	NonCancer	0.00E+00	2.59E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.08E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
677	ALL	463766.2	3773573	NonCancer	0.00E+00	2.60E-08	1.56E-06	0.00E+00	0.00E+00	1.58E-06	8.10E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.58E-06
678	ALL	463763	3773582	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.14E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
679	ALL	463759.8	3773590	NonCancer	0.00E+00	2.65E-08	1.59E-06	0.00E+00	0.00E+00	1.61E-06	8.25E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.61E-06
680	ALL	463756.5	3773599	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.34E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
681	ALL	463753.3	3773608	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.45E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
682	ALL	463750	3773617	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.55E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
683	ALL	463746.8	3773625	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.65E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
684	ALL	463743.6	3773634	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.77E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
685	ALL	463740.3	3773643	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.91E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
686	ALL	463737.1	3773652	NonCancer	0.00E+00	2.88E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	8.99E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
687	ALL	463733.9	3773660	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.76E-06	9.02E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.76E-06
688	ALL	463730.6	3773669	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.02E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
689	ALL	463727.4	3773678	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.75E-06	8.98E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.75E-06
690	ALL	463724.2	3773687	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.74E-06	8.94E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.74E-06
691	ALL	463720.9	3773695	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.91E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
692	ALL	463717.7	3773704	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.83E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
693	ALL	463714.5	3773713	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.77E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
694	ALL	463711.2	3773721	NonCancer	0.00E+00	2.85E-08	1.71E-06	0.00E+00	0.00E+00	1.73E-06	8.88E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.73E-06
695	ALL	463708	3773730	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.01E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
696	ALL	463704.7	3773739	NonCancer	0.00E+00	2.92E-08	1.76E-06	0.00E+00	0.00E+00	1.77E-06	9.10E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.77E-06
697	ALL	463701.5	3773748	NonCancer	0.00E+00	2.93E-08	1.76E-06	0.00E+00	0.00E+00	1.78E-06	9.14E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.78E-06
698	ALL	463698.3	3773756	NonCancer	0.00E+00	2.92E-08	1.76E-06	0.00E+00	0.00E+00	1.77E-06	9.12E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.77E-06
699	ALL	463695	3773765	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.77E-06	9.07E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.77E-06
700	ALL	463691.8	3773774	NonCancer	0.00E+00	2.88E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.00E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06

701	ALL	463688.6	3773783	NonCancer	0.00E+00	2.87E-08	1.73E-06	0.00E+00	0.00E+00	1.74E-06	8.94E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.74E-06
702	ALL	463685.3	3773791	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.90E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
703	ALL	463682.1	3773800	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.83E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
704	ALL	463678.9	3773809	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.78E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
705	ALL	463835.3	3773494	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.57E-06	8.06E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.57E-06
706	ALL	463832.1	3773503	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.82E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
707	ALL	463828.9	3773512	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.62E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
708	ALL	463825.6	3773521	NonCancer	0.00E+00	2.40E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.49E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
709	ALL	463822.4	3773529	NonCancer	0.00E+00	2.38E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.44E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
710	ALL	463819.2	3773538	NonCancer	0.00E+00	2.37E-08	1.42E-06	0.00E+00	0.00E+00	1.44E-06	7.38E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.44E-06
711	ALL	463815.9	3773547	NonCancer	0.00E+00	2.33E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.27E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
712	ALL	463812.7	3773555	NonCancer	0.00E+00	2.32E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.22E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
713	ALL	463809.5	3773564	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.31E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
714	ALL	463806.2	3773573	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.41E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
715	ALL	463803	3773582	NonCancer	0.00E+00	2.41E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.50E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
716	ALL	463799.8	3773590	NonCancer	0.00E+00	2.42E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.54E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
717	ALL	463796.5	3773599	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.48E-06	7.58E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.48E-06
718	ALL	463793.3	3773608	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.67E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
719	ALL	463790	3773617	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.51E-06	7.74E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.51E-06
720	ALL	463786.8	3773625	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.82E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
721	ALL	463783.6	3773634	NonCancer	0.00E+00	2.55E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.96E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
722	ALL	463780.3	3773643	NonCancer	0.00E+00	2.59E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.07E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
723	ALL	463777.1	3773652	NonCancer	0.00E+00	2.62E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.17E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
724	ALL	463773.9	3773660	NonCancer	0.00E+00	2.65E-08	1.59E-06	0.00E+00	0.00E+00	1.61E-06	8.26E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.61E-06
725	ALL	463770.6	3773669	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.33E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
726	ALL	463767.4	3773678	NonCancer	0.00E+00	2.68E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.35E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
727	ALL	463764.2	3773686	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.33E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
728	ALL	463760.9	3773695	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.33E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
729	ALL	463757.7	3773704	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.28E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
730	ALL	463754.5	3773713	NonCancer	0.00E+00	2.65E-08	1.59E-06	0.00E+00	0.00E+00	1.61E-06	8.26E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.61E-06
731	ALL	463751.2	3773721	NonCancer	0.00E+00	2.63E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.22E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
732	ALL	463748	3773730	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.14E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
733	ALL	463744.7	3773739	NonCancer	0.00E+00	2.60E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.12E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
734	ALL	463741.5	3773748	NonCancer	0.00E+00	2.63E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.21E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
735	ALL	463738.3	3773756	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.33E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
736	ALL	463735	3773765	NonCancer	0.00E+00	2.70E-08	1.62E-06	0.00E+00	0.00E+00	1.64E-06	8.41E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.64E-06
737	ALL	463731.8	3773774	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.44E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
738	ALL	463728.6	3773783	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.45E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
739	ALL	463725.3	3773791	NonCancer	0.00E+00	2.70E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.43E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
740	ALL	463722.1	3773800	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.40E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
741	ALL	463718.9	3773809	NonCancer	0.00E+00	2.68E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.34E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
742	ALL	463715.6	3773817	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.24E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
743	ALL	463712.4	3773826	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.14E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
744	ALL	463709.2	3773835	NonCancer	0.00E+00	2.58E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.06E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
745	ALL	463875.3	3773494	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.66E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
746	ALL	463872.1	3773503	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.47E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
747	ALL	463868.9	3773512	NonCancer	0.00E+00	2.33E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.28E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
748	ALL	463865.6	3773520	NonCancer	0.00E+00	2.28E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.11E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
749	ALL	463862.4	3773529	NonCancer	0.00E+00	2.24E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.98E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
750	ALL	463859.2	3773538	NonCancer	0.00E+00	2.22E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.91E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
751	ALL	463855.9	3773547	NonCancer	0.00E+00	2.20E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.88E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
752	ALL	463852.7	3773555	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.80E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
753	ALL	463849.5	3773564	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.69E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
754	ALL	463846.2	3773573	NonCancer	0.00E+00	2.13E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.66E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06

755	ALL	463843	3773582	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.78E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
756	ALL	463839.8	3773590	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.89E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
757	ALL	463836.5	3773599	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.36E-06	6.97E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.36E-06
758	ALL	463833.3	3773608	NonCancer	0.00E+00	2.24E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.98E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
759	ALL	463830	3773617	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.01E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
760	ALL	463826.8	3773625	NonCancer	0.00E+00	2.28E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.10E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
761	ALL	463823.6	3773634	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.20E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
762	ALL	463820.3	3773643	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.31E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
763	ALL	463817.1	3773651	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.45E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
764	ALL	463813.9	3773660	NonCancer	0.00E+00	2.42E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.56E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
765	ALL	463810.6	3773669	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.61E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
766	ALL	463807.4	3773678	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.66E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
767	ALL	463804.2	3773686	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.73E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
768	ALL	463800.9	3773695	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.82E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
769	ALL	463797.7	3773704	NonCancer	0.00E+00	2.52E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.87E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
770	ALL	463794.5	3773713	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.88E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
771	ALL	463791.2	3773721	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.83E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
772	ALL	463788	3773730	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.73E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
773	ALL	463784.7	3773739	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.68E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
774	ALL	463781.5	3773748	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.62E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
775	ALL	463778.3	3773756	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.57E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
776	ALL	463775	3773765	NonCancer	0.00E+00	2.45E-08	1.47E-06	0.00E+00	0.00E+00	1.49E-06	7.64E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.49E-06
777	ALL	463771.8	3773774	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.73E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
778	ALL	463768.6	3773782	NonCancer	0.00E+00	2.50E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.81E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
779	ALL	463765.3	3773791	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.53E-06	7.84E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.53E-06
780	ALL	463762.1	3773800	NonCancer	0.00E+00	2.52E-08	1.51E-06	0.00E+00	0.00E+00	1.53E-06	7.85E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.53E-06
781	ALL	463758.9	3773809	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.84E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
782	ALL	463755.6	3773817	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.83E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
783	ALL	463752.4	3773826	NonCancer	0.00E+00	2.50E-08	1.50E-06	0.00E+00	0.00E+00	1.52E-06	7.79E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.52E-06
784	ALL	463749.2	3773835	NonCancer	0.00E+00	2.48E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.75E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
785	ALL	463745.9	3773844	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.66E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
786	ALL	463742.7	3773852	NonCancer	0.00E+00	2.42E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.56E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
787	ALL	463739.4	3773861	NonCancer	0.00E+00	2.40E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.48E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
788	ALL	463915.3	3773494	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.36E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
789	ALL	463912.1	3773503	NonCancer	0.00E+00	2.30E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.18E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
790	ALL	463908.9	3773512	NonCancer	0.00E+00	2.24E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.99E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
791	ALL	463905.6	3773520	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.84E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
792	ALL	463902.4	3773529	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.67E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
793	ALL	463899.2	3773538	NonCancer	0.00E+00	2.10E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.55E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
794	ALL	463895.9	3773547	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.46E-07	0.00E+00	9.88E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
795	ALL	463892.7	3773555	NonCancer	0.00E+00	2.05E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.41E-07	0.00E+00	9.79E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
796	ALL	463889.5	3773564	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.35E-07	0.00E+00	9.71E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
797	ALL	463886.2	3773573	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.27E-07	0.00E+00	9.59E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
798	ALL	463883	3773581	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.18E-07	0.00E+00	9.44E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
799	ALL	463879.8	3773590	NonCancer	0.00E+00	1.97E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.15E-07	0.00E+00	9.41E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
800	ALL	463876.5	3773599	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.27E-07	0.00E+00	9.59E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
801	ALL	463873.3	3773608	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.37E-07	0.00E+00	9.73E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
802	ALL	463870	3773616	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.43E-07	0.00E+00	9.83E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
803	ALL	463866.8	3773625	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.46E-07	0.00E+00	9.88E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
804	ALL	463863.6	3773634	NonCancer	0.00E+00	2.09E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.51E-07	0.00E+00	9.95E-07	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
805	ALL	463860.3	3773643	NonCancer	0.00E+00	2.12E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.62E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
806	ALL	463857.1	3773651	NonCancer	0.00E+00	2.15E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.72E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
807	ALL	463853.9	3773660	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.80E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
808	ALL	463850.6	3773669	NonCancer	0.00E+00	2.22E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.93E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06

809	ALL	463847.4	3773678	NonCancer	0.00E+00	2.25E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.02E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
810	ALL	463844.2	3773686	NonCancer	0.00E+00	2.27E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.09E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
811	ALL	463840.9	3773695	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.15E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
812	ALL	463837.7	3773704	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.23E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
813	ALL	463834.5	3773713	NonCancer	0.00E+00	2.35E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.34E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
814	ALL	463831.2	3773721	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.39E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
815	ALL	463828	3773730	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.39E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
816	ALL	463824.7	3773739	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.35E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
817	ALL	463821.5	3773747	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.29E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
818	ALL	463818.3	3773756	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.25E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
819	ALL	463815	3773765	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.24E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
820	ALL	463811.8	3773774	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.21E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
821	ALL	463808.6	3773782	NonCancer	0.00E+00	2.30E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.16E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
822	ALL	463805.3	3773791	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.20E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
823	ALL	463802.1	3773800	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.24E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
824	ALL	463798.9	3773809	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.29E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
825	ALL	463795.6	3773817	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.37E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
826	ALL	463792.4	3773826	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.41E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
827	ALL	463789.2	3773835	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.42E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
828	ALL	463785.9	3773844	NonCancer	0.00E+00	2.37E-08	1.42E-06	0.00E+00	0.00E+00	1.44E-06	7.38E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.44E-06
829	ALL	463782.7	3773852	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.31E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
830	ALL	463779.4	3773861	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.23E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
831	ALL	463776.2	3773870	NonCancer	0.00E+00	2.30E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.16E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
832	ALL	463773	3773878	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.13E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
833	ALL	463769.7	3773887	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.13E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
834	ALL	462999.7	3773059	NonCancer	0.00E+00	1.60E-07	9.65E-06	0.00E+00	0.00E+00	9.73E-06	5.01E-06	0.00E+00	7.65E-06	0.00E+00	0.00E+00	9.65E-06	0.00E+00	0.00E+00	9.73E-06
835	ALL	462990.6	3773059	NonCancer	0.00E+00	1.84E-07	1.11E-05	0.00E+00	0.00E+00	1.12E-05	5.76E-06	0.00E+00	8.80E-06	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.12E-05
836	ALL	462981.5	3773059	NonCancer	0.00E+00	1.99E-07	1.20E-05	0.00E+00	0.00E+00	1.20E-05	6.21E-06	0.00E+00	9.48E-06	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.20E-05
837	ALL	462972.4	3773059	NonCancer	0.00E+00	2.01E-07	1.21E-05	0.00E+00	0.00E+00	1.22E-05	6.26E-06	0.00E+00	9.57E-06	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.22E-05
838	ALL	462963.3	3773059	NonCancer	0.00E+00	1.90E-07	1.14E-05	0.00E+00	0.00E+00	1.15E-05	5.94E-06	0.00E+00	9.07E-06	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.15E-05
839	ALL	462954.2	3773059	NonCancer	0.00E+00	1.70E-07	1.02E-05	0.00E+00	0.00E+00	1.03E-05	5.31E-06	0.00E+00	8.12E-06	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.03E-05
840	ALL	462945.1	3773059	NonCancer	0.00E+00	1.45E-07	8.70E-06	0.00E+00	0.00E+00	8.77E-06	4.52E-06	0.00E+00	6.91E-06	0.00E+00	0.00E+00	8.70E-06	0.00E+00	0.00E+00	8.77E-06
841	ALL	462936	3773059	NonCancer	0.00E+00	1.18E-07	7.12E-06	0.00E+00	0.00E+00	7.18E-06	3.70E-06	0.00E+00	5.65E-06	0.00E+00	0.00E+00	7.12E-06	0.00E+00	0.00E+00	7.18E-06
842	ALL	462926.9	3773059	NonCancer	0.00E+00	9.60E-08	5.77E-06	0.00E+00	0.00E+00	5.82E-06	3.00E-06	0.00E+00	4.58E-06	0.00E+00	0.00E+00	5.77E-06	0.00E+00	0.00E+00	5.82E-06
843	ALL	462917.8	3773059	NonCancer	0.00E+00	8.99E-08	5.41E-06	0.00E+00	0.00E+00	5.45E-06	2.81E-06	0.00E+00	4.29E-06	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	5.45E-06
844	ALL	462999.7	3773049	NonCancer	0.00E+00	1.41E-07	8.47E-06	0.00E+00	0.00E+00	8.54E-06	4.39E-06	0.00E+00	6.72E-06	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	8.54E-06
845	ALL	462990.6	3773049	NonCancer	0.00E+00	1.62E-07	9.76E-06	0.00E+00	0.00E+00	9.84E-06	5.07E-06	0.00E+00	7.74E-06	0.00E+00	0.00E+00	9.76E-06	0.00E+00	0.00E+00	9.84E-06
846	ALL	462981.5	3773049	NonCancer	0.00E+00	1.77E-07	1.06E-05	0.00E+00	0.00E+00	1.07E-05	5.53E-06	0.00E+00	8.44E-06	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.07E-05
847	ALL	462972.4	3773049	NonCancer	0.00E+00	1.82E-07	1.09E-05	0.00E+00	0.00E+00	1.10E-05	5.68E-06	0.00E+00	8.68E-06	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.10E-05
848	ALL	462963.3	3773049	NonCancer	0.00E+00	1.77E-07	1.06E-05	0.00E+00	0.00E+00	1.07E-05	5.53E-06	0.00E+00	8.44E-06	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.07E-05
849	ALL	462954.2	3773049	NonCancer	0.00E+00	1.63E-07	9.79E-06	0.00E+00	0.00E+00	9.87E-06	5.08E-06	0.00E+00	7.77E-06	0.00E+00	0.00E+00	9.79E-06	0.00E+00	0.00E+00	9.87E-06
850	ALL	462945.1	3773049	NonCancer	0.00E+00	1.42E-07	8.57E-06	0.00E+00	0.00E+00	8.63E-06	4.45E-06	0.00E+00	6.80E-06	0.00E+00	0.00E+00	8.57E-06	0.00E+00	0.00E+00	8.63E-06
851	ALL	462936	3773049	NonCancer	0.00E+00	1.19E-07	7.18E-06	0.00E+00	0.00E+00	7.24E-06	3.73E-06	0.00E+00	5.70E-06	0.00E+00	0.00E+00	7.18E-06	0.00E+00	0.00E+00	7.24E-06
852	ALL	462926.9	3773049	NonCancer	0.00E+00	9.71E-08	5.84E-06	0.00E+00	0.00E+00	5.89E-06	3.03E-06	0.00E+00	4.63E-06	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	5.89E-06
853	ALL	462917.8	3773049	NonCancer	0.00E+00	8.47E-08	5.10E-06	0.00E+00	0.00E+00	5.14E-06	2.64E-06	0.00E+00	4.04E-06	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	5.14E-06
854	ALL	462999.6	3773029	NonCancer	0.00E+00	1.12E-07	6.72E-06	0.00E+00	0.00E+00	6.77E-06	3.48E-06	0.00E+00	5.33E-06	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	6.77E-06
855	ALL	462990.5	3773029	NonCancer	0.00E+00	1.30E-07	7.81E-06	0.00E+00	0.00E+00	7.87E-06	4.05E-06	0.00E+00	6.20E-06	0.00E+00	0.00E+00	7.81E-06	0.00E+00	0.00E+00	7.87E-06
856	ALL	462981.4	3773029	NonCancer	0.00E+00	1.44E-07	8.67E-06	0.00E+00	0.00E+00	8.74E-06	4.50E-06	0.00E+00	6.88E-06	0.00E+00	0.00E+00	8.67E-06	0.00E+00	0.00E+00	8.74E-06
857	ALL	462972.3	3773029	NonCancer	0.00E+00	1.53E-07	9.17E-06	0.00E+00	0.00E+00	9.25E-06	4.76E-06	0.00E+00	7.28E-06	0.00E+00	0.00E+00	9.17E-06	0.00E+00	0.00E+00	9.25E-06
858	ALL	462963.2	3773029	NonCancer	0.00E+00	1.53E-07	9.21E-06	0.00E+00	0.00E+00	9.28E-06	4.78E-06	0.00E+00	7.31E-06	0.00E+00	0.00E+00	9.21E-06	0.00E+00	0.00E+00	9.28E-06
859	ALL	462954.2	3773029	NonCancer	0.00E+00	1.47E-07	8.85E-06	0.00E+00	0.00E+00	8.92E-06	4.59E-06	0.00E+00	7.02E-06	0.00E+00	0.00E+00	8.85E-06	0.00E+00	0.00E+00	8.92E-06
860	ALL	462945.1	3773029	NonCancer	0.00E+00	1.35E-07	8.10E-06	0.00E+00	0.00E+00	8.16E-06	4.20E-06	0.00E+00	6.42E-06	0.00E+00	0.00E+00	8.10E-06	0.00E+00	0.00E+00	8.16E-06
861	ALL	462936	3773029	NonCancer	0.00E+00	1.18E-07	7.10E-06	0.00E+00	0.00E+00	7.16E-06	3.69E-06	0.00E+00	5.63E-06	0.00E+00	0.00E+00	7.10E-06	0.00E+00	0.00E+00	7.16E-06
862	ALL	462926.9	3773029	NonCancer	0.00E+00	1.00E-07	6.01E-06	0.00E+00	0.00E+00	6.06E-06	3.12E-06	0.00E+00	4.77E-06	0.00E+00	0.00E+00	6.01E-06	0.00E+00	0.00E+00	6.06E-06

863	ALL	462917.8	3773029	NonCancer	0.00E+00	8.29E-08	4.98E-06	0.00E+00	0.00E+00	5.02E-06	2.59E-06	0.00E+00	3.95E-06	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	5.02E-06
864	ALL	462999.6	3773009	NonCancer	0.00E+00	9.20E-08	5.53E-06	0.00E+00	0.00E+00	5.58E-06	2.87E-06	0.00E+00	4.39E-06	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	5.58E-06
865	ALL	462990.5	3773009	NonCancer	0.00E+00	1.05E-07	6.32E-06	0.00E+00	0.00E+00	6.37E-06	3.28E-06	0.00E+00	5.01E-06	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	6.37E-06
866	ALL	462981.4	3773009	NonCancer	0.00E+00	1.18E-07	7.12E-06	0.00E+00	0.00E+00	7.18E-06	3.70E-06	0.00E+00	5.65E-06	0.00E+00	0.00E+00	7.12E-06	0.00E+00	0.00E+00	7.18E-06
867	ALL	462972.3	3773009	NonCancer	0.00E+00	1.28E-07	7.68E-06	0.00E+00	0.00E+00	7.74E-06	3.99E-06	0.00E+00	6.09E-06	0.00E+00	0.00E+00	7.68E-06	0.00E+00	0.00E+00	7.74E-06
868	ALL	462963.2	3773009	NonCancer	0.00E+00	1.32E-07	7.93E-06	0.00E+00	0.00E+00	7.99E-06	4.12E-06	0.00E+00	6.29E-06	0.00E+00	0.00E+00	7.93E-06	0.00E+00	0.00E+00	7.99E-06
869	ALL	462954.1	3773009	NonCancer	0.00E+00	1.30E-07	7.82E-06	0.00E+00	0.00E+00	7.89E-06	4.06E-06	0.00E+00	6.21E-06	0.00E+00	0.00E+00	7.82E-06	0.00E+00	0.00E+00	7.89E-06
870	ALL	462945	3773009	NonCancer	0.00E+00	1.24E-07	7.44E-06	0.00E+00	0.00E+00	7.50E-06	3.86E-06	0.00E+00	5.90E-06	0.00E+00	0.00E+00	7.44E-06	0.00E+00	0.00E+00	7.50E-06
871	ALL	462935.9	3773009	NonCancer	0.00E+00	1.13E-07	6.79E-06	0.00E+00	0.00E+00	6.85E-06	3.53E-06	0.00E+00	5.39E-06	0.00E+00	0.00E+00	6.79E-06	0.00E+00	0.00E+00	6.85E-06
872	ALL	462926.8	3773009	NonCancer	0.00E+00	9.95E-08	5.98E-06	0.00E+00	0.00E+00	6.03E-06	3.10E-06	0.00E+00	4.74E-06	0.00E+00	0.00E+00	5.98E-06	0.00E+00	0.00E+00	6.03E-06
873	ALL	462917.7	3773009	NonCancer	0.00E+00	8.50E-08	5.11E-06	0.00E+00	0.00E+00	5.15E-06	2.65E-06	0.00E+00	4.05E-06	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	5.15E-06
874	ALL	462999.6	3772989	NonCancer	0.00E+00	7.75E-08	4.66E-06	0.00E+00	0.00E+00	4.70E-06	2.42E-06	0.00E+00	3.70E-06	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	4.70E-06
875	ALL	462990.5	3772989	NonCancer	0.00E+00	8.65E-08	5.20E-06	0.00E+00	0.00E+00	5.25E-06	2.70E-06	0.00E+00	4.13E-06	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	5.25E-06
876	ALL	462981.4	3772989	NonCancer	0.00E+00	9.82E-08	5.91E-06	0.00E+00	0.00E+00	5.96E-06	3.07E-06	0.00E+00	4.69E-06	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	5.96E-06
877	ALL	462972.3	3772989	NonCancer	0.00E+00	1.08E-07	6.47E-06	0.00E+00	0.00E+00	6.52E-06	3.36E-06	0.00E+00	5.13E-06	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	6.52E-06
878	ALL	462963.2	3772989	NonCancer	0.00E+00	1.13E-07	6.82E-06	0.00E+00	0.00E+00	6.87E-06	3.54E-06	0.00E+00	5.41E-06	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	6.87E-06
879	ALL	462954.1	3772989	NonCancer	0.00E+00	1.15E-07	6.90E-06	0.00E+00	0.00E+00	6.96E-06	3.58E-06	0.00E+00	5.48E-06	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	6.96E-06
880	ALL	462945	3772989	NonCancer	0.00E+00	1.12E-07	6.72E-06	0.00E+00	0.00E+00	6.78E-06	3.49E-06	0.00E+00	5.33E-06	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	6.78E-06
881	ALL	462935.9	3772989	NonCancer	0.00E+00	1.05E-07	6.34E-06	0.00E+00	0.00E+00	6.39E-06	3.29E-06	0.00E+00	5.03E-06	0.00E+00	0.00E+00	6.34E-06	0.00E+00	0.00E+00	6.39E-06
882	ALL	462926.8	3772989	NonCancer	0.00E+00	9.61E-08	5.78E-06	0.00E+00	0.00E+00	5.82E-06	3.00E-06	0.00E+00	4.58E-06	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	5.82E-06
883	ALL	462917.7	3772989	NonCancer	0.00E+00	8.49E-08	5.10E-06	0.00E+00	0.00E+00	5.14E-06	2.65E-06	0.00E+00	4.05E-06	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	5.14E-06
884	ALL	462999.5	3772969	NonCancer	0.00E+00	6.64E-08	3.99E-06	0.00E+00	0.00E+00	4.03E-06	2.07E-06	0.00E+00	3.17E-06	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	4.03E-06
885	ALL	462990.4	3772969	NonCancer	0.00E+00	7.24E-08	4.36E-06	0.00E+00	0.00E+00	4.39E-06	2.26E-06	0.00E+00	3.46E-06	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	4.39E-06
886	ALL	462981.3	3772969	NonCancer	0.00E+00	8.26E-08	4.97E-06	0.00E+00	0.00E+00	5.01E-06	2.58E-06	0.00E+00	3.94E-06	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	5.01E-06
887	ALL	462972.2	3772969	NonCancer	0.00E+00	9.15E-08	5.50E-06	0.00E+00	0.00E+00	5.55E-06	2.86E-06	0.00E+00	4.36E-06	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	5.55E-06
888	ALL	462963.1	3772969	NonCancer	0.00E+00	9.80E-08	5.89E-06	0.00E+00	0.00E+00	5.94E-06	3.06E-06	0.00E+00	4.67E-06	0.00E+00	0.00E+00	5.89E-06	0.00E+00	0.00E+00	5.94E-06
889	ALL	462954	3772969	NonCancer	0.00E+00	1.01E-07	6.09E-06	0.00E+00	0.00E+00	6.13E-06	3.16E-06	0.00E+00	4.83E-06	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	6.13E-06
890	ALL	462944.9	3772969	NonCancer	0.00E+00	1.01E-07	6.05E-06	0.00E+00	0.00E+00	6.10E-06	3.14E-06	0.00E+00	4.80E-06	0.00E+00	0.00E+00	6.05E-06	0.00E+00	0.00E+00	6.10E-06
891	ALL	462935.8	3772969	NonCancer	0.00E+00	9.69E-08	5.83E-06	0.00E+00	0.00E+00	5.87E-06	3.02E-06	0.00E+00	4.62E-06	0.00E+00	0.00E+00	5.83E-06	0.00E+00	0.00E+00	5.87E-06
892	ALL	462926.7	3772969	NonCancer	0.00E+00	9.06E-08	5.45E-06	0.00E+00	0.00E+00	5.49E-06	2.83E-06	0.00E+00	4.32E-06	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	5.49E-06
893	ALL	462917.6	3772969	NonCancer	0.00E+00	8.24E-08	4.96E-06	0.00E+00	0.00E+00	5.00E-06	2.57E-06	0.00E+00	3.93E-06	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	5.00E-06
894	ALL	462999.5	3772949	NonCancer	0.00E+00	5.81E-08	3.50E-06	0.00E+00	0.00E+00	3.52E-06	1.81E-06	0.00E+00	2.77E-06	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	3.52E-06
895	ALL	462990.4	3772949	NonCancer	0.00E+00	6.25E-08	3.76E-06	0.00E+00	0.00E+00	3.79E-06	1.95E-06	0.00E+00	2.98E-06	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	3.79E-06
896	ALL	462981.3	3772949	NonCancer	0.00E+00	7.00E-08	4.21E-06	0.00E+00	0.00E+00	4.25E-06	2.19E-06	0.00E+00	3.34E-06	0.00E+00	0.00E+00	4.21E-06	0.00E+00	0.00E+00	4.25E-06
897	ALL	462972.2	3772949	NonCancer	0.00E+00	7.81E-08	4.70E-06	0.00E+00	0.00E+00	4.73E-06	2.44E-06	0.00E+00	3.72E-06	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	4.73E-06
898	ALL	462963.1	3772949	NonCancer	0.00E+00	8.47E-08	5.10E-06	0.00E+00	0.00E+00	5.14E-06	2.64E-06	0.00E+00	4.04E-06	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	5.14E-06
899	ALL	462954	3772949	NonCancer	0.00E+00	8.91E-08	5.36E-06	0.00E+00	0.00E+00	5.40E-06	2.78E-06	0.00E+00	4.25E-06	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	5.40E-06
900	ALL	462944.9	3772949	NonCancer	0.00E+00	9.06E-08	5.45E-06	0.00E+00	0.00E+00	5.49E-06	2.83E-06	0.00E+00	4.32E-06	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	5.49E-06
901	ALL	462935.8	3772949	NonCancer	0.00E+00	8.90E-08	5.35E-06	0.00E+00	0.00E+00	5.40E-06	2.78E-06	0.00E+00	4.25E-06	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	5.40E-06
902	ALL	462926.7	3772949	NonCancer	0.00E+00	8.49E-08	5.10E-06	0.00E+00	0.00E+00	5.14E-06	2.65E-06	0.00E+00	4.05E-06	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	5.14E-06
903	ALL	462917.6	3772949	NonCancer	0.00E+00	7.86E-08	4.72E-06	0.00E+00	0.00E+00	4.76E-06	2.45E-06	0.00E+00	3.75E-06	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	4.76E-06
904	ALL	462999.4	3772929	NonCancer	0.00E+00	5.19E-08	3.12E-06	0.00E+00	0.00E+00	3.15E-06	1.62E-06	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.15E-06
905	ALL	462990.3	3772929	NonCancer	0.00E+00	5.48E-08	3.30E-06	0.00E+00	0.00E+00	3.32E-06	1.71E-06	0.00E+00	2.61E-06	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	3.32E-06
906	ALL	462981.2	3772929	NonCancer	0.00E+00	6.01E-08	3.61E-06	0.00E+00	0.00E+00	3.64E-06	1.88E-06	0.00E+00	2.87E-06	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	3.64E-06
907	ALL	462972.1	3772929	NonCancer	0.00E+00	6.72E-08	4.04E-06	0.00E+00	0.00E+00	4.08E-06	2.10E-06	0.00E+00	3.21E-06	0.00E+00	0.00E+00	4.04E-06	0.00E+00	0.00E+00	4.08E-06
908	ALL	462963	3772929	NonCancer	0.00E+00	7.36E-08	4.43E-06	0.00E+00	0.00E+00	4.46E-06	2.30E-06	0.00E+00	3.51E-06	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	4.46E-06
909	ALL	462953.9	3772929	NonCancer	0.00E+00	7.85E-08	4.72E-06	0.00E+00	0.00E+00	4.76E-06	2.45E-06	0.00E+00	3.74E-06	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	4.76E-06
910	ALL	462944.8	3772929	NonCancer	0.00E+00	8.12E-08	4.89E-06	0.00E+00	0.00E+00	4.92E-06	2.54E-06	0.00E+00	3.87E-06	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	4.92E-06
911	ALL	462935.7	3772929	NonCancer	0.00E+00	8.15E-08	4.90E-06	0.00E+00	0.00E+00	4.94E-06	2.54E-06	0.00E+00	3.89E-06	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	4.94E-06
912	ALL	462926.6	3772929	NonCancer	0.00E+00	7.92E-08	4.76E-06	0.00E+00	0.00E+00	4.80E-06	2.47E-06	0.00E+00	3.78E-06	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	4.80E-06
913	ALL	462917.5	3772929	NonCancer	0.00E+00	7.48E-08	4.50E-06	0.00E+00	0.00E+00	4.54E-06	2.34E-06	0.00E+00	3.57E-06	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	4.54E-06
914	ALL	462999.4	3772909	NonCancer	0.00E+00	4.72E-08	2.84E-06	0.00E+00	0.00E+00	2.87E-06	1.47E-06	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	2.87E-06
915	ALL	462990.3	3772909	NonCancer	0.00E+00	4.87E-08	2.93E-06	0.00E+00	0.00E+00	2.95E-06	1.52E-06	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	2.95E-06
916	ALL	462981.2	3772909	NonCancer	0.00E+00	5.22E-08	3.14E-06	0.00E+00	0.00E+00	3.17E-06	1.63E-06	0.00E+00	2.49E-06	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.17E-06

917	ALL	462972.1	3772909	NonCancer	0.00E+00	5.85E-08	3.52E-06	0.00E+00	0.00E+00	3.55E-06	1.83E-06	0.00E+00	2.79E-06	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	3.55E-06
918	ALL	462963	3772909	NonCancer	0.00E+00	6.44E-08	3.87E-06	0.00E+00	0.00E+00	3.90E-06	2.01E-06	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	3.90E-06
919	ALL	462953.9	3772909	NonCancer	0.00E+00	6.92E-08	4.16E-06	0.00E+00	0.00E+00	4.20E-06	2.16E-06	0.00E+00	3.30E-06	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	4.20E-06
920	ALL	462944.8	3772909	NonCancer	0.00E+00	7.26E-08	4.37E-06	0.00E+00	0.00E+00	4.40E-06	2.27E-06	0.00E+00	3.46E-06	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	4.40E-06
921	ALL	462935.7	3772909	NonCancer	0.00E+00	7.40E-08	4.45E-06	0.00E+00	0.00E+00	4.49E-06	2.31E-06	0.00E+00	3.53E-06	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	4.49E-06
922	ALL	462926.6	3772909	NonCancer	0.00E+00	7.33E-08	4.41E-06	0.00E+00	0.00E+00	4.45E-06	2.29E-06	0.00E+00	3.50E-06	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	4.45E-06
923	ALL	462917.5	3772909	NonCancer	0.00E+00	7.07E-08	4.25E-06	0.00E+00	0.00E+00	4.28E-06	2.21E-06	0.00E+00	3.37E-06	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	4.28E-06
924	ALL	462999.3	3772849	NonCancer	0.00E+00	3.80E-08	2.29E-06	0.00E+00	0.00E+00	2.30E-06	1.19E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.30E-06
925	ALL	462990.2	3772849	NonCancer	0.00E+00	3.71E-08	2.23E-06	0.00E+00	0.00E+00	2.25E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.25E-06
926	ALL	462981.1	3772849	NonCancer	0.00E+00	3.79E-08	2.28E-06	0.00E+00	0.00E+00	2.30E-06	1.18E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.30E-06
927	ALL	462972	3772849	NonCancer	0.00E+00	4.03E-08	2.42E-06	0.00E+00	0.00E+00	2.44E-06	1.26E-06	0.00E+00	1.92E-06	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	2.44E-06
928	ALL	462962.9	3772849	NonCancer	0.00E+00	4.45E-08	2.68E-06	0.00E+00	0.00E+00	2.70E-06	1.39E-06	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	2.70E-06
929	ALL	462953.8	3772849	NonCancer	0.00E+00	4.86E-08	2.92E-06	0.00E+00	0.00E+00	2.95E-06	1.52E-06	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	2.95E-06
930	ALL	462944.7	3772849	NonCancer	0.00E+00	5.22E-08	3.14E-06	0.00E+00	0.00E+00	3.17E-06	1.63E-06	0.00E+00	2.49E-06	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.17E-06
931	ALL	462935.6	3772849	NonCancer	0.00E+00	5.51E-08	3.32E-06	0.00E+00	0.00E+00	3.34E-06	1.72E-06	0.00E+00	2.63E-06	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	3.34E-06
932	ALL	462926.5	3772849	NonCancer	0.00E+00	5.70E-08	3.43E-06	0.00E+00	0.00E+00	3.46E-06	1.78E-06	0.00E+00	2.72E-06	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	3.46E-06
933	ALL	462917.4	3772849	NonCancer	0.00E+00	5.76E-08	3.47E-06	0.00E+00	0.00E+00	3.49E-06	1.80E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	3.49E-06
934	ALL	462999.2	3772819	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.11E-06	1.08E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.11E-06
935	ALL	462990.1	3772819	NonCancer	0.00E+00	3.40E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
936	ALL	462981	3772819	NonCancer	0.00E+00	3.37E-08	2.03E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.04E-06
937	ALL	462971.9	3772819	NonCancer	0.00E+00	3.49E-08	2.10E-06	0.00E+00	0.00E+00	2.12E-06	1.09E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.12E-06
938	ALL	462999.1	3772789	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
939	ALL	462990	3772789	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.80E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
940	ALL	462980.9	3772789	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.87E-06	9.63E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.87E-06
941	ALL	462971.8	3772789	NonCancer	0.00E+00	3.11E-08	1.87E-06	0.00E+00	0.00E+00	1.89E-06	9.71E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.89E-06
942	ALL	462944.6	3772789	NonCancer	0.00E+00	3.83E-08	2.30E-06	0.00E+00	0.00E+00	2.32E-06	1.19E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.32E-06
943	ALL	462935.5	3772789	NonCancer	0.00E+00	4.10E-08	2.47E-06	0.00E+00	0.00E+00	2.49E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.49E-06
944	ALL	462926.4	3772789	NonCancer	0.00E+00	4.33E-08	2.61E-06	0.00E+00	0.00E+00	2.63E-06	1.35E-06	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	2.63E-06
945	ALL	462917.3	3772789	NonCancer	0.00E+00	4.51E-08	2.71E-06	0.00E+00	0.00E+00	2.74E-06	1.41E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.74E-06
946	ALL	462999.1	3772759	NonCancer	0.00E+00	3.00E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.35E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
947	ALL	462990	3772759	NonCancer	0.00E+00	2.94E-08	1.77E-06	0.00E+00	0.00E+00	1.78E-06	9.17E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.78E-06
948	ALL	462980.9	3772759	NonCancer	0.00E+00	2.87E-08	1.73E-06	0.00E+00	0.00E+00	1.74E-06	8.95E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.74E-06
949	ALL	462971.8	3772759	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.89E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
950	ALL	462944.5	3772759	NonCancer	0.00E+00	3.33E-08	2.00E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.02E-06
951	ALL	462935.4	3772759	NonCancer	0.00E+00	3.57E-08	2.15E-06	0.00E+00	0.00E+00	2.17E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.17E-06
952	ALL	462926.3	3772759	NonCancer	0.00E+00	3.79E-08	2.28E-06	0.00E+00	0.00E+00	2.30E-06	1.18E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.30E-06
953	ALL	462917.2	3772759	NonCancer	0.00E+00	3.98E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
954	ALL	462999	3772729	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.80E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
955	ALL	462989.9	3772729	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.64E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
956	ALL	462980.8	3772729	NonCancer	0.00E+00	2.70E-08	1.62E-06	0.00E+00	0.00E+00	1.64E-06	8.42E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.64E-06
957	ALL	462971.7	3772729	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.62E-06	8.31E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.62E-06
958	ALL	462944.4	3772729	NonCancer	0.00E+00	2.93E-08	1.76E-06	0.00E+00	0.00E+00	1.78E-06	9.13E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.78E-06
959	ALL	462935.3	3772729	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.90E-06	9.78E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.90E-06
960	ALL	462926.2	3772729	NonCancer	0.00E+00	3.34E-08	2.01E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.02E-06
961	ALL	462917.1	3772729	NonCancer	0.00E+00	3.52E-08	2.12E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.14E-06
962	ALL	462998.9	3772669	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.93E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
963	ALL	462989.8	3772669	NonCancer	0.00E+00	2.50E-08	1.50E-06	0.00E+00	0.00E+00	1.52E-06	7.79E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.52E-06
964	ALL	462980.7	3772669	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.62E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
965	ALL	462971.6	3772669	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.45E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
966	ALL	462962.5	3772669	NonCancer	0.00E+00	2.37E-08	1.42E-06	0.00E+00	0.00E+00	1.44E-06	7.38E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.44E-06
967	ALL	462953.4	3772669	NonCancer	0.00E+00	2.35E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.34E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
968	ALL	462944.3	3772669	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.42E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
969	ALL	462935.2	3772669	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.73E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
970	ALL	462926.1	3772669	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.22E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06

971	ALL	462917	3772669	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.71E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
972	ALL	462998.8	3772639	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.48E-06	7.58E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.48E-06
973	ALL	462989.7	3772639	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.45E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
974	ALL	462980.6	3772639	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.29E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
975	ALL	462971.5	3772639	NonCancer	0.00E+00	2.28E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.11E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
976	ALL	462962.4	3772639	NonCancer	0.00E+00	2.25E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.03E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
977	ALL	462953.3	3772639	NonCancer	0.00E+00	2.23E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.97E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
978	ALL	462944.2	3772639	NonCancer	0.00E+00	2.23E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.97E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
979	ALL	462935.1	3772639	NonCancer	0.00E+00	2.26E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.07E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
980	ALL	462926	3772639	NonCancer	0.00E+00	2.37E-08	1.42E-06	0.00E+00	0.00E+00	1.44E-06	7.38E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.44E-06
981	ALL	462916.9	3772639	NonCancer	0.00E+00	2.50E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.81E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
982	ALL	462998.8	3772609	NonCancer	0.00E+00	2.33E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.27E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
983	ALL	462989.7	3772609	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.15E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
984	ALL	462980.6	3772609	NonCancer	0.00E+00	2.24E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.00E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
985	ALL	462971.5	3772609	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.84E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
986	ALL	462962.4	3772609	NonCancer	0.00E+00	2.15E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.71E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
987	ALL	462953.3	3772609	NonCancer	0.00E+00	2.13E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.66E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
988	ALL	462944.2	3772609	NonCancer	0.00E+00	2.13E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.64E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
989	ALL	462935.1	3772609	NonCancer	0.00E+00	2.12E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.62E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
990	ALL	462926	3772609	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.74E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
991	ALL	462916.9	3772609	NonCancer	0.00E+00	2.26E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.04E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
992	ALL	463007.8	3772579	NonCancer	0.00E+00	2.28E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.10E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
993	ALL	462998.7	3772579	NonCancer	0.00E+00	2.24E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.99E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
994	ALL	462989.6	3772579	NonCancer	0.00E+00	2.20E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.88E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
995	ALL	462980.5	3772579	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.74E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
996	ALL	462971.4	3772579	NonCancer	0.00E+00	2.11E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.59E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
997	ALL	462962.3	3772579	NonCancer	0.00E+00	2.07E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.44E-07	0.00E+00	9.85E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
998	ALL	462953.2	3772579	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.38E-07	0.00E+00	9.75E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
999	ALL	462944.1	3772579	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.34E-07	0.00E+00	9.69E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
1000	ALL	462935	3772579	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.33E-07	0.00E+00	9.67E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
1001	ALL	462925.9	3772579	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.31E-07	0.00E+00	9.65E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
1002	ALL	462916.8	3772579	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.44E-07	0.00E+00	9.84E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
1003	ALL	462998.6	3772549	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.74E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
1004	ALL	462989.5	3772549	NonCancer	0.00E+00	2.12E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.63E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
1005	ALL	462980.4	3772549	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.50E-07	0.00E+00	9.93E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
1006	ALL	462971.3	3772549	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.36E-07	0.00E+00	9.72E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
1007	ALL	462962.2	3772549	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.20E-07	0.00E+00	9.48E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
1008	ALL	462953.1	3772549	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.13E-07	0.00E+00	9.36E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
1009	ALL	462944	3772549	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.07E-07	0.00E+00	9.28E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
1010	ALL	462935	3772549	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.07E-07	0.00E+00	9.27E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
1011	ALL	462925.9	3772549	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.03E-07	0.00E+00	9.21E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
1012	ALL	462916.8	3772549	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.02E-07	0.00E+00	9.20E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
1013	ALL	462998.6	3772509	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.42E-07	0.00E+00	9.82E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
1014	ALL	462989.5	3772509	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.32E-07	0.00E+00	9.66E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
1015	ALL	462980.4	3772509	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.21E-07	0.00E+00	9.49E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
1016	ALL	462971.3	3772509	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.08E-07	0.00E+00	9.29E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
1017	ALL	462962.2	3772509	NonCancer	0.00E+00	1.90E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.94E-07	0.00E+00	9.08E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
1018	ALL	462953.1	3772509	NonCancer	0.00E+00	1.87E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.82E-07	0.00E+00	8.90E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
1019	ALL	462944	3772509	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.77E-07	0.00E+00	8.82E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
1020	ALL	462934.9	3772509	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.75E-07	0.00E+00	8.78E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
1021	ALL	462925.8	3772509	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.72E-07	0.00E+00	8.75E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
1022	ALL	462916.7	3772509	NonCancer	0.00E+00	1.82E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.67E-07	0.00E+00	8.67E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
1023	ALL	462998.4	3772429	NonCancer	0.00E+00	1.87E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.85E-07	0.00E+00	8.94E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
1024	ALL	462989.3	3772429	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.77E-07	0.00E+00	8.82E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06

1025	ALL	462980.2	3772429	NonCancer	0.00E+00	1.82E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.67E-07	0.00E+00	8.67E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
1026	ALL	462971.1	3772429	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.08E-06	5.57E-07	0.00E+00	8.52E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.08E-06
1027	ALL	462962	3772429	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.46E-07	0.00E+00	8.35E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
1028	ALL	462952.9	3772429	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.34E-07	0.00E+00	8.17E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
1029	ALL	462943.8	3772429	NonCancer	0.00E+00	1.68E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.25E-07	0.00E+00	8.03E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
1030	ALL	462934.7	3772429	NonCancer	0.00E+00	1.67E-08	1.01E-06	0.00E+00	0.00E+00	1.01E-06	5.21E-07	0.00E+00	7.96E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.01E-06
1031	ALL	462925.6	3772429	NonCancer	0.00E+00	1.66E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.19E-07	0.00E+00	7.93E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
1032	ALL	462916.5	3772429	NonCancer	0.00E+00	1.66E-08	9.97E-07	0.00E+00	0.00E+00	1.00E-06	5.16E-07	0.00E+00	7.89E-07	0.00E+00	0.00E+00	9.97E-07	0.00E+00	0.00E+00	1.00E-06
1033	ALL	462998.3	3772389	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.57E-07	0.00E+00	8.51E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
1034	ALL	462989.2	3772389	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.51E-07	0.00E+00	8.42E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
1035	ALL	462980.1	3772389	NonCancer	0.00E+00	1.74E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.43E-07	0.00E+00	8.29E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
1036	ALL	462971	3772389	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.33E-07	0.00E+00	8.15E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
1037	ALL	462961.9	3772389	NonCancer	0.00E+00	1.68E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.24E-07	0.00E+00	8.01E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
1038	ALL	462952.8	3772389	NonCancer	0.00E+00	1.65E-08	9.91E-07	0.00E+00	0.00E+00	9.99E-07	5.13E-07	0.00E+00	7.85E-07	0.00E+00	0.00E+00	9.91E-07	0.00E+00	0.00E+00	9.99E-07
1039	ALL	462943.7	3772389	NonCancer	0.00E+00	1.61E-08	9.71E-07	0.00E+00	0.00E+00	9.79E-07	5.03E-07	0.00E+00	7.69E-07	0.00E+00	0.00E+00	9.71E-07	0.00E+00	0.00E+00	9.79E-07
1040	ALL	462934.6	3772389	NonCancer	0.00E+00	1.60E-08	9.62E-07	0.00E+00	0.00E+00	9.69E-07	4.98E-07	0.00E+00	7.62E-07	0.00E+00	0.00E+00	9.62E-07	0.00E+00	0.00E+00	9.69E-07
1041	ALL	462925.5	3772389	NonCancer	0.00E+00	1.59E-08	9.55E-07	0.00E+00	0.00E+00	9.63E-07	4.95E-07	0.00E+00	7.57E-07	0.00E+00	0.00E+00	9.55E-07	0.00E+00	0.00E+00	9.63E-07
1042	ALL	462916.4	3772389	NonCancer	0.00E+00	1.58E-08	9.52E-07	0.00E+00	0.00E+00	9.60E-07	4.93E-07	0.00E+00	7.54E-07	0.00E+00	0.00E+00	9.52E-07	0.00E+00	0.00E+00	9.60E-07
1043	ALL	462998.2	3772349	NonCancer	0.00E+00	1.70E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.30E-07	0.00E+00	8.11E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
1044	ALL	462989.1	3772349	NonCancer	0.00E+00	1.69E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.26E-07	0.00E+00	8.04E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
1045	ALL	462980	3772349	NonCancer	0.00E+00	1.67E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.19E-07	0.00E+00	7.94E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
1046	ALL	462970.9	3772349	NonCancer	0.00E+00	1.64E-08	9.87E-07	0.00E+00	0.00E+00	9.95E-07	5.11E-07	0.00E+00	7.82E-07	0.00E+00	0.00E+00	9.87E-07	0.00E+00	0.00E+00	9.95E-07
1047	ALL	462961.8	3772349	NonCancer	0.00E+00	1.61E-08	9.70E-07	0.00E+00	0.00E+00	9.78E-07	5.03E-07	0.00E+00	7.69E-07	0.00E+00	0.00E+00	9.70E-07	0.00E+00	0.00E+00	9.78E-07
1048	ALL	462952.7	3772349	NonCancer	0.00E+00	1.58E-08	9.52E-07	0.00E+00	0.00E+00	9.60E-07	4.93E-07	0.00E+00	7.54E-07	0.00E+00	0.00E+00	9.52E-07	0.00E+00	0.00E+00	9.60E-07
1049	ALL	462943.6	3772349	NonCancer	0.00E+00	1.55E-08	9.33E-07	0.00E+00	0.00E+00	9.41E-07	4.83E-07	0.00E+00	7.39E-07	0.00E+00	0.00E+00	9.33E-07	0.00E+00	0.00E+00	9.41E-07
1050	ALL	462934.5	3772349	NonCancer	0.00E+00	1.53E-08	9.21E-07	0.00E+00	0.00E+00	9.28E-07	4.77E-07	0.00E+00	7.29E-07	0.00E+00	0.00E+00	9.21E-07	0.00E+00	0.00E+00	9.28E-07
1051	ALL	462925.4	3772349	NonCancer	0.00E+00	1.52E-08	9.13E-07	0.00E+00	0.00E+00	9.20E-07	4.73E-07	0.00E+00	7.23E-07	0.00E+00	0.00E+00	9.13E-07	0.00E+00	0.00E+00	9.20E-07
1052	ALL	462916.3	3772349	NonCancer	0.00E+00	1.51E-08	9.11E-07	0.00E+00	0.00E+00	9.18E-07	4.72E-07	0.00E+00	7.21E-07	0.00E+00	0.00E+00	9.11E-07	0.00E+00	0.00E+00	9.18E-07
1053	ALL	462998.1	3772309	NonCancer	0.00E+00	1.62E-08	9.78E-07	0.00E+00	0.00E+00	9.86E-07	5.07E-07	0.00E+00	7.75E-07	0.00E+00	0.00E+00	9.78E-07	0.00E+00	0.00E+00	9.86E-07
1054	ALL	462989	3772309	NonCancer	0.00E+00	1.61E-08	9.72E-07	0.00E+00	0.00E+00	9.79E-07	5.03E-07	0.00E+00	7.70E-07	0.00E+00	0.00E+00	9.72E-07	0.00E+00	0.00E+00	9.79E-07
1055	ALL	462979.9	3772309	NonCancer	0.00E+00	1.60E-08	9.62E-07	0.00E+00	0.00E+00	9.70E-07	4.99E-07	0.00E+00	7.62E-07	0.00E+00	0.00E+00	9.62E-07	0.00E+00	0.00E+00	9.70E-07
1056	ALL	462970.8	3772309	NonCancer	0.00E+00	1.58E-08	9.50E-07	0.00E+00	0.00E+00	9.57E-07	4.92E-07	0.00E+00	7.52E-07	0.00E+00	0.00E+00	9.50E-07	0.00E+00	0.00E+00	9.57E-07
1057	ALL	462961.7	3772309	NonCancer	0.00E+00	1.55E-08	9.35E-07	0.00E+00	0.00E+00	9.42E-07	4.84E-07	0.00E+00	7.41E-07	0.00E+00	0.00E+00	9.35E-07	0.00E+00	0.00E+00	9.42E-07
1058	ALL	462952.6	3772309	NonCancer	0.00E+00	1.53E-08	9.19E-07	0.00E+00	0.00E+00	9.27E-07	4.76E-07	0.00E+00	7.28E-07	0.00E+00	0.00E+00	9.19E-07	0.00E+00	0.00E+00	9.27E-07
1059	ALL	462943.5	3772309	NonCancer	0.00E+00	1.50E-08	9.03E-07	0.00E+00	0.00E+00	9.10E-07	4.68E-07	0.00E+00	7.15E-07	0.00E+00	0.00E+00	9.03E-07	0.00E+00	0.00E+00	9.10E-07
1060	ALL	462934.4	3772309	NonCancer	0.00E+00	1.48E-08	8.88E-07	0.00E+00	0.00E+00	8.96E-07	4.60E-07	0.00E+00	7.04E-07	0.00E+00	0.00E+00	8.88E-07	0.00E+00	0.00E+00	8.96E-07
1061	ALL	462925.3	3772309	NonCancer	0.00E+00	1.46E-08	8.80E-07	0.00E+00	0.00E+00	8.87E-07	4.56E-07	0.00E+00	6.97E-07	0.00E+00	0.00E+00	8.80E-07	0.00E+00	0.00E+00	8.87E-07
1062	ALL	462916.3	3772309	NonCancer	0.00E+00	1.45E-08	8.76E-07	0.00E+00	0.00E+00	8.83E-07	4.54E-07	0.00E+00	6.94E-07	0.00E+00	0.00E+00	8.76E-07	0.00E+00	0.00E+00	8.83E-07
1063	ALL	462998.1	3772269	NonCancer	0.00E+00	1.55E-08	9.32E-07	0.00E+00	0.00E+00	9.40E-07	4.83E-07	0.00E+00	7.39E-07	0.00E+00	0.00E+00	9.32E-07	0.00E+00	0.00E+00	9.40E-07
1064	ALL	462989	3772269	NonCancer	0.00E+00	1.54E-08	9.29E-07	0.00E+00	0.00E+00	9.36E-07	4.81E-07	0.00E+00	7.36E-07	0.00E+00	0.00E+00	9.29E-07	0.00E+00	0.00E+00	9.36E-07
1065	ALL	462979.9	3772269	NonCancer	0.00E+00	1.53E-08	9.22E-07	0.00E+00	0.00E+00	9.30E-07	4.78E-07	0.00E+00	7.31E-07	0.00E+00	0.00E+00	9.22E-07	0.00E+00	0.00E+00	9.30E-07
1066	ALL	462970.8	3772269	NonCancer	0.00E+00	1.52E-08	9.13E-07	0.00E+00	0.00E+00	9.20E-07	4.73E-07	0.00E+00	7.23E-07	0.00E+00	0.00E+00	9.13E-07	0.00E+00	0.00E+00	9.20E-07
1067	ALL	462961.7	3772269	NonCancer	0.00E+00	1.50E-08	9.01E-07	0.00E+00	0.00E+00	9.08E-07	4.67E-07	0.00E+00	7.13E-07	0.00E+00	0.00E+00	9.01E-07	0.00E+00	0.00E+00	9.08E-07
1068	ALL	462952.6	3772269	NonCancer	0.00E+00	1.47E-08	8.87E-07	0.00E+00	0.00E+00	8.94E-07	4.59E-07	0.00E+00	7.02E-07	0.00E+00	0.00E+00	8.87E-07	0.00E+00	0.00E+00	8.94E-07
1069	ALL	462943.5	3772269	NonCancer	0.00E+00	1.45E-08	8.73E-07	0.00E+00	0.00E+00	8.80E-07	4.52E-07	0.00E+00	6.91E-07	0.00E+00	0.00E+00	8.73E-07	0.00E+00	0.00E+00	8.80E-07
1070	ALL	462934.4	3772269	NonCancer	0.00E+00	1.43E-08	8.60E-07	0.00E+00	0.00E+00	8.67E-07	4.46E-07	0.00E+00	6.81E-07	0.00E+00	0.00E+00	8.60E-07	0.00E+00	0.00E+00	8.67E-07
1071	ALL	462925.3	3772269	NonCancer	0.00E+00	1.41E-08	8.49E-07	0.00E+00	0.00E+00	8.56E-07	4.40E-07	0.00E+00	6.73E-07	0.00E+00	0.00E+00	8.49E-07	0.00E+00	0.00E+00	8.56E-07
1072	ALL	462916.2	3772269	NonCancer	0.00E+00	1.40E-08	8.43E-07	0.00E+00	0.00E+00	8.50E-07	4.37E-07	0.00E+00	6.68E-07	0.00E+00	0.00E+00	8.43E-07	0.00E+00	0.00E+00	8.50E-07
1073	ALL	463032.1	3772239	NonCancer	0.00E+00	1.46E-08	8.78E-07	0.00E+00	0.00E+00	8.85E-07	4.55E-07	0.00E+00	6.95E-07	0.00E+00	0.00E+00	8.78E-07	0.00E+00	0.00E+00	8.85E-07
1074	ALL	463040.5	3772242	NonCancer	0.00E+00	1.45E-08	8.72E-07	0.00E+00	0.00E+00	8.79E-07	4.52E-07	0.00E+00	6.90E-07	0.00E+00	0.00E+00	8.72E-07	0.00E+00	0.00E+00	8.79E-07
1075	ALL	463057.2	3772249	NonCancer	0.00E+00	1.43E-08	8.60E-07	0.00E+00	0.00E+00	8.67E-07	4.45E-07	0.00E+00	6.81E-07	0.00E+00	0.00E+00	8.60E-07	0.00E+00	0.00E+00	8.67E-07
1076	ALL	463065.5	3772253	NonCancer	0.00E+00	1.42E-08	8.57E-07	0.00E+00	0.00E+00	8.64E-07	4.44E-07	0.00E+00	6.79E-07	0.00E+00	0.00E+00	8.57E-07	0.00E+00	0.00E+00	8.64E-07
1077	ALL	463073.9	3772256	NonCancer	0.00E+00	1.42E-08	8.54E-07	0.00E+00	0.00E+00	8.61E-07	4.42E-07	0.00E+00	6.76E-07	0.00E+00	0.00E+00	8.54E-07	0.00E+00	0.00E+00	8.61E-07
1078	ALL	463441.2	3772407	NonCancer	0.00E+00	9.55E-08	5.75E-06	0.00E+00	0.00E+00	5.80E-06	2.98E-06	0.00E+00	4.55E-06	0.00E+00	0.00E+00	5.75E-06	0.00E+00	0.00E+00	5.80E-06

1079	ALL	463457.9	3772414	NonCancer	0.00E+00	5.66E-08	3.41E-06	0.00E+00	0.00E+00	3.44E-06	1.77E-06	0.00E+00	2.70E-06	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	3.44E-06
1080	ALL	463466.2	3772418	NonCancer	0.00E+00	4.89E-08	2.95E-06	0.00E+00	0.00E+00	2.97E-06	1.53E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	2.97E-06
1081	ALL	463474.5	3772421	NonCancer	0.00E+00	4.41E-08	2.65E-06	0.00E+00	0.00E+00	2.68E-06	1.37E-06	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	2.68E-06
1082	ALL	463491.2	3772428	NonCancer	0.00E+00	3.74E-08	2.26E-06	0.00E+00	0.00E+00	2.27E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.27E-06
1083	ALL	463499.6	3772431	NonCancer	0.00E+00	3.49E-08	2.10E-06	0.00E+00	0.00E+00	2.12E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.12E-06
1084	ALL	463507.9	3772435	NonCancer	0.00E+00	3.27E-08	1.97E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.99E-06
1085	ALL	463524.6	3772442	NonCancer	0.00E+00	2.92E-08	1.76E-06	0.00E+00	0.00E+00	1.77E-06	9.12E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.77E-06
1086	ALL	462998	3772229	NonCancer	0.00E+00	1.47E-08	8.87E-07	0.00E+00	0.00E+00	8.94E-07	4.60E-07	0.00E+00	7.03E-07	0.00E+00	0.00E+00	8.87E-07	0.00E+00	0.00E+00	8.94E-07
1087	ALL	462988.9	3772229	NonCancer	0.00E+00	1.47E-08	8.86E-07	0.00E+00	0.00E+00	8.93E-07	4.59E-07	0.00E+00	7.02E-07	0.00E+00	0.00E+00	8.86E-07	0.00E+00	0.00E+00	8.93E-07
1088	ALL	462979.8	3772229	NonCancer	0.00E+00	1.47E-08	8.82E-07	0.00E+00	0.00E+00	8.89E-07	4.57E-07	0.00E+00	6.99E-07	0.00E+00	0.00E+00	8.82E-07	0.00E+00	0.00E+00	8.89E-07
1089	ALL	462970.7	3772229	NonCancer	0.00E+00	1.45E-08	8.76E-07	0.00E+00	0.00E+00	8.83E-07	4.54E-07	0.00E+00	6.94E-07	0.00E+00	0.00E+00	8.76E-07	0.00E+00	0.00E+00	8.83E-07
1090	ALL	462961.6	3772229	NonCancer	0.00E+00	1.44E-08	8.67E-07	0.00E+00	0.00E+00	8.73E-07	4.49E-07	0.00E+00	6.86E-07	0.00E+00	0.00E+00	8.67E-07	0.00E+00	0.00E+00	8.73E-07
1091	ALL	462952.5	3772229	NonCancer	0.00E+00	1.42E-08	8.55E-07	0.00E+00	0.00E+00	8.62E-07	4.43E-07	0.00E+00	6.77E-07	0.00E+00	0.00E+00	8.55E-07	0.00E+00	0.00E+00	8.62E-07
1092	ALL	462943.4	3772229	NonCancer	0.00E+00	1.40E-08	8.43E-07	0.00E+00	0.00E+00	8.50E-07	4.37E-07	0.00E+00	6.68E-07	0.00E+00	0.00E+00	8.43E-07	0.00E+00	0.00E+00	8.50E-07
1093	ALL	462934.3	3772229	NonCancer	0.00E+00	1.38E-08	8.33E-07	0.00E+00	0.00E+00	8.40E-07	4.32E-07	0.00E+00	6.60E-07	0.00E+00	0.00E+00	8.33E-07	0.00E+00	0.00E+00	8.40E-07
1094	ALL	462925.2	3772229	NonCancer	0.00E+00	1.37E-08	8.22E-07	0.00E+00	0.00E+00	8.28E-07	4.26E-07	0.00E+00	6.51E-07	0.00E+00	0.00E+00	8.22E-07	0.00E+00	0.00E+00	8.28E-07
1095	ALL	462916.1	3772229	NonCancer	0.00E+00	1.35E-08	8.15E-07	0.00E+00	0.00E+00	8.21E-07	4.22E-07	0.00E+00	6.45E-07	0.00E+00	0.00E+00	8.15E-07	0.00E+00	0.00E+00	8.21E-07
1096	ALL	463032.2	3772199	NonCancer	0.00E+00	1.37E-08	8.26E-07	0.00E+00	0.00E+00	8.33E-07	4.28E-07	0.00E+00	6.54E-07	0.00E+00	0.00E+00	8.26E-07	0.00E+00	0.00E+00	8.33E-07
1097	ALL	463040.5	3772202	NonCancer	0.00E+00	1.36E-08	8.19E-07	0.00E+00	0.00E+00	8.26E-07	4.24E-07	0.00E+00	6.49E-07	0.00E+00	0.00E+00	8.19E-07	0.00E+00	0.00E+00	8.26E-07
1098	ALL	463048.9	3772206	NonCancer	0.00E+00	1.35E-08	8.11E-07	0.00E+00	0.00E+00	8.18E-07	4.20E-07	0.00E+00	6.43E-07	0.00E+00	0.00E+00	8.11E-07	0.00E+00	0.00E+00	8.18E-07
1099	ALL	463057.3	3772209	NonCancer	0.00E+00	1.33E-08	8.03E-07	0.00E+00	0.00E+00	8.10E-07	4.16E-07	0.00E+00	6.36E-07	0.00E+00	0.00E+00	8.03E-07	0.00E+00	0.00E+00	8.10E-07
1100	ALL	463099.3	3772227	NonCancer	0.00E+00	1.31E-08	7.92E-07	0.00E+00	0.00E+00	7.98E-07	4.10E-07	0.00E+00	6.27E-07	0.00E+00	0.00E+00	7.92E-07	0.00E+00	0.00E+00	7.98E-07
1101	ALL	463107.6	3772230	NonCancer	0.00E+00	1.31E-08	7.90E-07	0.00E+00	0.00E+00	7.97E-07	4.10E-07	0.00E+00	6.26E-07	0.00E+00	0.00E+00	7.90E-07	0.00E+00	0.00E+00	7.97E-07
1102	ALL	463116	3772234	NonCancer	0.00E+00	1.31E-08	7.92E-07	0.00E+00	0.00E+00	7.98E-07	4.10E-07	0.00E+00	6.27E-07	0.00E+00	0.00E+00	7.92E-07	0.00E+00	0.00E+00	7.98E-07
1103	ALL	463124.4	3772237	NonCancer	0.00E+00	1.32E-08	7.97E-07	0.00E+00	0.00E+00	8.03E-07	4.13E-07	0.00E+00	6.31E-07	0.00E+00	0.00E+00	7.97E-07	0.00E+00	0.00E+00	8.03E-07
1104	ALL	463132.8	3772240	NonCancer	0.00E+00	1.33E-08	8.01E-07	0.00E+00	0.00E+00	8.08E-07	4.15E-07	0.00E+00	6.35E-07	0.00E+00	0.00E+00	8.01E-07	0.00E+00	0.00E+00	8.08E-07
1105	ALL	463141.2	3772244	NonCancer	0.00E+00	1.34E-08	8.05E-07	0.00E+00	0.00E+00	8.11E-07	4.17E-07	0.00E+00	6.37E-07	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	8.11E-07
1106	ALL	463149.6	3772247	NonCancer	0.00E+00	1.34E-08	8.08E-07	0.00E+00	0.00E+00	8.14E-07	4.18E-07	0.00E+00	6.40E-07	0.00E+00	0.00E+00	8.08E-07	0.00E+00	0.00E+00	8.14E-07
1107	ALL	463158	3772251	NonCancer	0.00E+00	1.34E-08	8.10E-07	0.00E+00	0.00E+00	8.16E-07	4.20E-07	0.00E+00	6.41E-07	0.00E+00	0.00E+00	8.10E-07	0.00E+00	0.00E+00	8.16E-07
1108	ALL	463166.4	3772254	NonCancer	0.00E+00	1.35E-08	8.12E-07	0.00E+00	0.00E+00	8.18E-07	4.21E-07	0.00E+00	6.43E-07	0.00E+00	0.00E+00	8.12E-07	0.00E+00	0.00E+00	8.18E-07
1109	ALL	463174.8	3772258	NonCancer	0.00E+00	1.36E-08	8.20E-07	0.00E+00	0.00E+00	8.26E-07	4.25E-07	0.00E+00	6.49E-07	0.00E+00	0.00E+00	8.20E-07	0.00E+00	0.00E+00	8.26E-07
1110	ALL	463434.8	3772365	NonCancer	0.00E+00	1.34E-07	8.05E-06	0.00E+00	0.00E+00	8.11E-06	4.17E-06	0.00E+00	6.37E-06	0.00E+00	0.00E+00	8.05E-06	0.00E+00	0.00E+00	8.11E-06
1111	ALL	463443.2	3772368	NonCancer	0.00E+00	8.63E-08	5.20E-06	0.00E+00	0.00E+00	5.24E-06	2.69E-06	0.00E+00	4.11E-06	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	5.24E-06
1112	ALL	463451.6	3772372	NonCancer	0.00E+00	6.47E-08	3.90E-06	0.00E+00	0.00E+00	3.93E-06	2.02E-06	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	3.93E-06
1113	ALL	463459.9	3772375	NonCancer	0.00E+00	5.30E-08	3.19E-06	0.00E+00	0.00E+00	3.22E-06	1.65E-06	0.00E+00	2.53E-06	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	3.22E-06
1114	ALL	463468.3	3772379	NonCancer	0.00E+00	4.61E-08	2.78E-06	0.00E+00	0.00E+00	2.80E-06	1.44E-06	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	2.80E-06
1115	ALL	463485.1	3772386	NonCancer	0.00E+00	3.82E-08	2.30E-06	0.00E+00	0.00E+00	2.32E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.32E-06
1116	ALL	463493.5	3772389	NonCancer	0.00E+00	3.55E-08	2.14E-06	0.00E+00	0.00E+00	2.15E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.15E-06
1117	ALL	463501.9	3772392	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.01E-06	1.03E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.01E-06
1118	ALL	463510.3	3772396	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.89E-06	9.73E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.89E-06
1119	ALL	463527	3772403	NonCancer	0.00E+00	2.80E-08	1.69E-06	0.00E+00	0.00E+00	1.70E-06	8.74E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.70E-06
1120	ALL	463535.4	3772406	NonCancer	0.00E+00	2.68E-08	1.61E-06	0.00E+00	0.00E+00	1.63E-06	8.35E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.63E-06
1121	ALL	463543.8	3772410	NonCancer	0.00E+00	2.57E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.02E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
1122	ALL	463552.2	3772413	NonCancer	0.00E+00	2.47E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.72E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
1123	ALL	463569	3772420	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.23E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
1124	ALL	463594.2	3772430	NonCancer	0.00E+00	2.09E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.52E-07	0.00E+00	9.97E-07	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
1125	ALL	463602.5	3772434	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.31E-07	0.00E+00	9.64E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
1126	ALL	463610.9	3772437	NonCancer	0.00E+00	1.95E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.09E-07	0.00E+00	9.31E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
1127	ALL	463619.3	3772441	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.87E-07	0.00E+00	8.98E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
1128	ALL	462997.9	3772189	NonCancer	0.00E+00	1.40E-08	8.42E-07	0.00E+00	0.00E+00	8.49E-07	4.36E-07	0.00E+00	6.67E-07	0.00E+00	0.00E+00	8.42E-07	0.00E+00	0.00E+00	8.49E-07
1129	ALL	462988.8	3772189	NonCancer	0.00E+00	1.40E-08	8.44E-07	0.00E+00	0.00E+00	8.50E-07	4.37E-07	0.00E+00	6.68E-07	0.00E+00	0.00E+00	8.44E-07	0.00E+00	0.00E+00	8.50E-07
1130	ALL	462979.7	3772189	NonCancer	0.00E+00	1.40E-08	8.42E-07	0.00E+00	0.00E+00	8.49E-07	4.36E-07	0.00E+00	6.67E-07	0.00E+00	0.00E+00	8.42E-07	0.00E+00	0.00E+00	8.49E-07
1131	ALL	462970.6	3772189	NonCancer	0.00E+00	1.39E-08	8.38E-07	0.00E+00	0.00E+00	8.45E-07	4.34E-07	0.00E+00	6.64E-07	0.00E+00	0.00E+00	8.38E-07	0.00E+00	0.00E+00	8.45E-07
1132	ALL	462961.5	3772189	NonCancer	0.00E+00	1.38E-08	8.32E-07	0.00E+00	0.00E+00	8.39E-07	4.31E-07	0.00E+00	6.59E-07	0.00E+00	0.00E+00	8.32E-07	0.00E+00	0.00E+00	8.39E-07

1133	ALL	462952.4	3772189	NonCancer	0.00E+00	1.37E-08	8.23E-07	0.00E+00	0.00E+00	8.30E-07	4.26E-07	0.00E+00	6.52E-07	0.00E+00	0.00E+00	8.23E-07	0.00E+00	0.00E+00	8.30E-07
1134	ALL	462943.3	3772189	NonCancer	0.00E+00	1.35E-08	8.14E-07	0.00E+00	0.00E+00	8.20E-07	4.22E-07	0.00E+00	6.44E-07	0.00E+00	0.00E+00	8.14E-07	0.00E+00	0.00E+00	8.20E-07
1135	ALL	462934.2	3772189	NonCancer	0.00E+00	1.34E-08	8.06E-07	0.00E+00	0.00E+00	8.12E-07	4.17E-07	0.00E+00	6.38E-07	0.00E+00	0.00E+00	8.06E-07	0.00E+00	0.00E+00	8.12E-07
1136	ALL	462925.1	3772189	NonCancer	0.00E+00	1.32E-08	7.96E-07	0.00E+00	0.00E+00	8.03E-07	4.13E-07	0.00E+00	6.31E-07	0.00E+00	0.00E+00	7.96E-07	0.00E+00	0.00E+00	8.03E-07
1137	ALL	462916	3772189	NonCancer	0.00E+00	1.31E-08	7.88E-07	0.00E+00	0.00E+00	7.94E-07	4.08E-07	0.00E+00	6.24E-07	0.00E+00	0.00E+00	7.88E-07	0.00E+00	0.00E+00	7.94E-07
1138	ALL	463031.9	3772159	NonCancer	0.00E+00	1.29E-08	7.77E-07	0.00E+00	0.00E+00	7.83E-07	4.02E-07	0.00E+00	6.15E-07	0.00E+00	0.00E+00	7.77E-07	0.00E+00	0.00E+00	7.83E-07
1139	ALL	463048.5	3772166	NonCancer	0.00E+00	1.26E-08	7.61E-07	0.00E+00	0.00E+00	7.67E-07	3.94E-07	0.00E+00	6.02E-07	0.00E+00	0.00E+00	7.61E-07	0.00E+00	0.00E+00	7.67E-07
1140	ALL	463056.9	3772169	NonCancer	0.00E+00	1.25E-08	7.52E-07	0.00E+00	0.00E+00	7.58E-07	3.89E-07	0.00E+00	5.95E-07	0.00E+00	0.00E+00	7.52E-07	0.00E+00	0.00E+00	7.58E-07
1141	ALL	463065.2	3772173	NonCancer	0.00E+00	1.24E-08	7.46E-07	0.00E+00	0.00E+00	7.52E-07	3.86E-07	0.00E+00	5.91E-07	0.00E+00	0.00E+00	7.46E-07	0.00E+00	0.00E+00	7.52E-07
1142	ALL	463081.8	3772180	NonCancer	0.00E+00	1.22E-08	7.36E-07	0.00E+00	0.00E+00	7.42E-07	3.81E-07	0.00E+00	5.83E-07	0.00E+00	0.00E+00	7.36E-07	0.00E+00	0.00E+00	7.42E-07
1143	ALL	463090.2	3772183	NonCancer	0.00E+00	1.22E-08	7.33E-07	0.00E+00	0.00E+00	7.39E-07	3.80E-07	0.00E+00	5.81E-07	0.00E+00	0.00E+00	7.33E-07	0.00E+00	0.00E+00	7.39E-07
1144	ALL	463106.8	3772190	NonCancer	0.00E+00	1.23E-08	7.38E-07	0.00E+00	0.00E+00	7.44E-07	3.82E-07	0.00E+00	5.84E-07	0.00E+00	0.00E+00	7.38E-07	0.00E+00	0.00E+00	7.44E-07
1145	ALL	463115.1	3772193	NonCancer	0.00E+00	1.24E-08	7.44E-07	0.00E+00	0.00E+00	7.50E-07	3.85E-07	0.00E+00	5.89E-07	0.00E+00	0.00E+00	7.44E-07	0.00E+00	0.00E+00	7.50E-07
1146	ALL	463123.5	3772197	NonCancer	0.00E+00	1.24E-08	7.49E-07	0.00E+00	0.00E+00	7.55E-07	3.88E-07	0.00E+00	5.93E-07	0.00E+00	0.00E+00	7.49E-07	0.00E+00	0.00E+00	7.55E-07
1147	ALL	463140.1	3772204	NonCancer	0.00E+00	1.26E-08	7.58E-07	0.00E+00	0.00E+00	7.64E-07	3.93E-07	0.00E+00	6.00E-07	0.00E+00	0.00E+00	7.58E-07	0.00E+00	0.00E+00	7.64E-07
1148	ALL	463148.5	3772207	NonCancer	0.00E+00	1.27E-08	7.62E-07	0.00E+00	0.00E+00	7.68E-07	3.95E-07	0.00E+00	6.03E-07	0.00E+00	0.00E+00	7.62E-07	0.00E+00	0.00E+00	7.68E-07
1149	ALL	463198.4	3772228	NonCancer	0.00E+00	1.43E-08	8.61E-07	0.00E+00	0.00E+00	8.68E-07	4.46E-07	0.00E+00	6.82E-07	0.00E+00	0.00E+00	8.61E-07	0.00E+00	0.00E+00	8.68E-07
1150	ALL	463206.7	3772231	NonCancer	0.00E+00	1.47E-08	8.85E-07	0.00E+00	0.00E+00	8.92E-07	4.59E-07	0.00E+00	7.01E-07	0.00E+00	0.00E+00	8.85E-07	0.00E+00	0.00E+00	8.92E-07
1151	ALL	463223.4	3772238	NonCancer	0.00E+00	1.57E-08	9.45E-07	0.00E+00	0.00E+00	9.53E-07	4.90E-07	0.00E+00	7.48E-07	0.00E+00	0.00E+00	9.45E-07	0.00E+00	0.00E+00	9.53E-07
1152	ALL	463231.7	3772241	NonCancer	0.00E+00	1.63E-08	9.83E-07	0.00E+00	0.00E+00	9.90E-07	5.09E-07	0.00E+00	7.78E-07	0.00E+00	0.00E+00	9.83E-07	0.00E+00	0.00E+00	9.90E-07
1153	ALL	463240	3772245	NonCancer	0.00E+00	1.70E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.29E-07	0.00E+00	8.09E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
1154	ALL	463256.7	3772252	NonCancer	0.00E+00	1.90E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.92E-07	0.00E+00	9.05E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
1155	ALL	463265	3772255	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.31E-07	0.00E+00	9.64E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
1156	ALL	463439.9	3772327	NonCancer	0.00E+00	9.89E-08	5.96E-06	0.00E+00	0.00E+00	6.01E-06	3.08E-06	0.00E+00	4.71E-06	0.00E+00	0.00E+00	5.96E-06	0.00E+00	0.00E+00	6.01E-06
1157	ALL	463456.5	3772334	NonCancer	0.00E+00	5.60E-08	3.38E-06	0.00E+00	0.00E+00	3.41E-06	1.75E-06	0.00E+00	2.67E-06	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	3.41E-06
1158	ALL	463464.9	3772337	NonCancer	0.00E+00	4.74E-08	2.86E-06	0.00E+00	0.00E+00	2.88E-06	1.48E-06	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	2.88E-06
1159	ALL	463473.2	3772341	NonCancer	0.00E+00	4.23E-08	2.55E-06	0.00E+00	0.00E+00	2.57E-06	1.32E-06	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.57E-06
1160	ALL	463489.8	3772348	NonCancer	0.00E+00	3.53E-08	2.13E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.14E-06
1161	ALL	463498.2	3772351	NonCancer	0.00E+00	3.28E-08	1.98E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	1.99E-06
1162	ALL	463506.5	3772354	NonCancer	0.00E+00	3.08E-08	1.85E-06	0.00E+00	0.00E+00	1.87E-06	9.60E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.87E-06
1163	ALL	463523.1	3772361	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.61E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
1164	ALL	463531.5	3772365	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.23E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
1165	ALL	463548.1	3772372	NonCancer	0.00E+00	2.45E-08	1.47E-06	0.00E+00	0.00E+00	1.49E-06	7.63E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.49E-06
1166	ALL	463556.4	3772375	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.40E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
1167	ALL	463564.8	3772378	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.21E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
1168	ALL	463589.8	3772389	NonCancer	0.00E+00	2.12E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.62E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
1169	ALL	463606.4	3772396	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.20E-07	0.00E+00	9.48E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
1170	ALL	463614.7	3772399	NonCancer	0.00E+00	1.92E-08	1.16E-06	0.00E+00	0.00E+00	1.16E-06	5.98E-07	0.00E+00	9.15E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.16E-06
1171	ALL	463623.1	3772402	NonCancer	0.00E+00	1.86E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.79E-07	0.00E+00	8.86E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
1172	ALL	463639.7	3772409	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.40E-07	0.00E+00	8.25E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
1173	ALL	463648	3772413	NonCancer	0.00E+00	1.67E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.19E-07	0.00E+00	7.94E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
1174	ALL	463664.7	3772420	NonCancer	0.00E+00	1.56E-08	9.38E-07	0.00E+00	0.00E+00	9.45E-07	4.86E-07	0.00E+00	7.42E-07	0.00E+00	0.00E+00	9.38E-07	0.00E+00	0.00E+00	9.45E-07
1175	ALL	463673	3772423	NonCancer	0.00E+00	1.51E-08	9.08E-07	0.00E+00	0.00E+00	9.15E-07	4.70E-07	0.00E+00	7.19E-07	0.00E+00	0.00E+00	9.08E-07	0.00E+00	0.00E+00	9.15E-07
1176	ALL	463681.3	3772426	NonCancer	0.00E+00	1.46E-08	8.78E-07	0.00E+00	0.00E+00	8.86E-07	4.55E-07	0.00E+00	6.96E-07	0.00E+00	0.00E+00	8.78E-07	0.00E+00	0.00E+00	8.86E-07
1177	ALL	463698	3772433	NonCancer	0.00E+00	1.39E-08	8.40E-07	0.00E+00	0.00E+00	8.46E-07	4.35E-07	0.00E+00	6.65E-07	0.00E+00	0.00E+00	8.40E-07	0.00E+00	0.00E+00	8.46E-07
1178	ALL	463706.3	3772437	NonCancer	0.00E+00	1.40E-08	8.45E-07	0.00E+00	0.00E+00	8.52E-07	4.38E-07	0.00E+00	6.69E-07	0.00E+00	0.00E+00	8.45E-07	0.00E+00	0.00E+00	8.52E-07
1179	ALL	462997.8	3772149	NonCancer	0.00E+00	1.33E-08	7.98E-07	0.00E+00	0.00E+00	8.05E-07	4.14E-07	0.00E+00	6.32E-07	0.00E+00	0.00E+00	7.98E-07	0.00E+00	0.00E+00	8.05E-07
1180	ALL	462988.7	3772149	NonCancer	0.00E+00	1.33E-08	8.02E-07	0.00E+00	0.00E+00	8.08E-07	4.15E-07	0.00E+00	6.35E-07	0.00E+00	0.00E+00	8.02E-07	0.00E+00	0.00E+00	8.08E-07
1181	ALL	462979.6	3772149	NonCancer	0.00E+00	1.33E-08	8.02E-07	0.00E+00	0.00E+00	8.09E-07	4.16E-07	0.00E+00	6.36E-07	0.00E+00	0.00E+00	8.02E-07	0.00E+00	0.00E+00	8.09E-07
1182	ALL	462970.5	3772149	NonCancer	0.00E+00	1.33E-08	8.01E-07	0.00E+00	0.00E+00	8.07E-07	4.15E-07	0.00E+00	6.34E-07	0.00E+00	0.00E+00	8.01E-07	0.00E+00	0.00E+00	8.07E-07
1183	ALL	462961.4	3772149	NonCancer	0.00E+00	1.32E-08	7.97E-07	0.00E+00	0.00E+00	8.03E-07	4.13E-07	0.00E+00	6.31E-07	0.00E+00	0.00E+00	7.97E-07	0.00E+00	0.00E+00	8.03E-07
1184	ALL	462952.3	3772149	NonCancer	0.00E+00	1.31E-08	7.91E-07	0.00E+00	0.00E+00	7.97E-07	4.10E-07	0.00E+00	6.26E-07	0.00E+00	0.00E+00	7.91E-07	0.00E+00	0.00E+00	7.97E-07
1185	ALL	462943.2	3772149	NonCancer	0.00E+00	1.30E-08	7.84E-07	0.00E+00	0.00E+00	7.90E-07	4.06E-07	0.00E+00	6.21E-07	0.00E+00	0.00E+00	7.84E-07	0.00E+00	0.00E+00	7.90E-07
1186	ALL	462934.1	3772149	NonCancer	0.00E+00	1.29E-08	7.78E-07	0.00E+00	0.00E+00	7.84E-07	4.03E-07	0.00E+00	6.16E-07	0.00E+00	0.00E+00	7.78E-07	0.00E+00	0.00E+00	7.84E-07

1187	ALL	462925	3772149	NonCancer	0.00E+00	1.28E-08	7.71E-07	0.00E+00	0.00E+00	7.77E-07	3.99E-07	0.00E+00	6.10E-07	0.00E+00	0.00E+00	7.71E-07	0.00E+00	0.00E+00	7.77E-07
1188	ALL	462915.9	3772149	NonCancer	0.00E+00	1.27E-08	7.64E-07	0.00E+00	0.00E+00	7.70E-07	3.96E-07	0.00E+00	6.05E-07	0.00E+00	0.00E+00	7.64E-07	0.00E+00	0.00E+00	7.70E-07
1189	ALL	462908	3773149	NonCancer	0.00E+00	1.59E-07	9.58E-06	0.00E+00	0.00E+00	9.65E-06	4.97E-06	0.00E+00	7.60E-06	0.00E+00	0.00E+00	9.58E-06	0.00E+00	0.00E+00	9.65E-06
1190	ALL	462908.1	3773159	NonCancer	0.00E+00	1.43E-07	8.62E-06	0.00E+00	0.00E+00	8.69E-06	4.47E-06	0.00E+00	6.83E-06	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	8.69E-06
1191	ALL	462908.2	3773169	NonCancer	0.00E+00	1.42E-07	8.54E-06	0.00E+00	0.00E+00	8.60E-06	4.43E-06	0.00E+00	6.77E-06	0.00E+00	0.00E+00	8.54E-06	0.00E+00	0.00E+00	8.60E-06
1192	ALL	462908.3	3773179	NonCancer	0.00E+00	1.34E-07	8.07E-06	0.00E+00	0.00E+00	8.14E-06	4.19E-06	0.00E+00	6.40E-06	0.00E+00	0.00E+00	8.07E-06	0.00E+00	0.00E+00	8.14E-06
1193	ALL	462908.4	3773189	NonCancer	0.00E+00	1.31E-07	7.88E-06	0.00E+00	0.00E+00	7.94E-06	4.09E-06	0.00E+00	6.25E-06	0.00E+00	0.00E+00	7.88E-06	0.00E+00	0.00E+00	7.94E-06
1194	ALL	462908.5	3773199	NonCancer	0.00E+00	1.29E-07	7.76E-06	0.00E+00	0.00E+00	7.82E-06	4.03E-06	0.00E+00	6.15E-06	0.00E+00	0.00E+00	7.76E-06	0.00E+00	0.00E+00	7.82E-06
1195	ALL	462908.6	3773209	NonCancer	0.00E+00	1.28E-07	7.73E-06	0.00E+00	0.00E+00	7.79E-06	4.01E-06	0.00E+00	6.13E-06	0.00E+00	0.00E+00	7.73E-06	0.00E+00	0.00E+00	7.79E-06
1196	ALL	462908.6	3773219	NonCancer	0.00E+00	1.31E-07	7.88E-06	0.00E+00	0.00E+00	7.95E-06	4.09E-06	0.00E+00	6.25E-06	0.00E+00	0.00E+00	7.88E-06	0.00E+00	0.00E+00	7.95E-06
1197	ALL	462908.7	3773229	NonCancer	0.00E+00	1.42E-07	8.57E-06	0.00E+00	0.00E+00	8.63E-06	4.45E-06	0.00E+00	6.79E-06	0.00E+00	0.00E+00	8.57E-06	0.00E+00	0.00E+00	8.63E-06
1198	ALL	462908.8	3773239	NonCancer	0.00E+00	1.45E-07	8.74E-06	0.00E+00	0.00E+00	8.81E-06	4.54E-06	0.00E+00	6.93E-06	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	8.81E-06
1199	ALL	462900.9	3773142	NonCancer	0.00E+00	1.49E-07	8.97E-06	0.00E+00	0.00E+00	9.04E-06	4.66E-06	0.00E+00	7.12E-06	0.00E+00	0.00E+00	8.97E-06	0.00E+00	0.00E+00	9.04E-06
1200	ALL	462898.1	3773159	NonCancer	0.00E+00	1.21E-07	7.30E-06	0.00E+00	0.00E+00	7.36E-06	3.79E-06	0.00E+00	5.79E-06	0.00E+00	0.00E+00	7.30E-06	0.00E+00	0.00E+00	7.36E-06
1201	ALL	462898.2	3773169	NonCancer	0.00E+00	1.15E-07	6.95E-06	0.00E+00	0.00E+00	7.00E-06	3.60E-06	0.00E+00	5.51E-06	0.00E+00	0.00E+00	6.95E-06	0.00E+00	0.00E+00	7.00E-06
1202	ALL	462898.3	3773179	NonCancer	0.00E+00	1.13E-07	6.80E-06	0.00E+00	0.00E+00	6.86E-06	3.53E-06	0.00E+00	5.40E-06	0.00E+00	0.00E+00	6.80E-06	0.00E+00	0.00E+00	6.86E-06
1203	ALL	462898.4	3773189	NonCancer	0.00E+00	1.15E-07	6.92E-06	0.00E+00	0.00E+00	6.98E-06	3.59E-06	0.00E+00	5.49E-06	0.00E+00	0.00E+00	6.92E-06	0.00E+00	0.00E+00	6.98E-06
1204	ALL	462898.5	3773199	NonCancer	0.00E+00	1.18E-07	7.07E-06	0.00E+00	0.00E+00	7.13E-06	3.67E-06	0.00E+00	5.61E-06	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	7.13E-06
1205	ALL	462898.6	3773209	NonCancer	0.00E+00	1.20E-07	7.24E-06	0.00E+00	0.00E+00	7.30E-06	3.76E-06	0.00E+00	5.75E-06	0.00E+00	0.00E+00	7.24E-06	0.00E+00	0.00E+00	7.30E-06
1206	ALL	462898.6	3773219	NonCancer	0.00E+00	1.19E-07	7.16E-06	0.00E+00	0.00E+00	7.22E-06	3.72E-06	0.00E+00	5.68E-06	0.00E+00	0.00E+00	7.16E-06	0.00E+00	0.00E+00	7.22E-06
1207	ALL	462898.7	3773229	NonCancer	0.00E+00	1.24E-07	7.47E-06	0.00E+00	0.00E+00	7.53E-06	3.88E-06	0.00E+00	5.93E-06	0.00E+00	0.00E+00	7.47E-06	0.00E+00	0.00E+00	7.53E-06
1208	ALL	462898.8	3773239	NonCancer	0.00E+00	1.30E-07	7.83E-06	0.00E+00	0.00E+00	7.89E-06	4.06E-06	0.00E+00	6.21E-06	0.00E+00	0.00E+00	7.83E-06	0.00E+00	0.00E+00	7.89E-06
1209	ALL	462890.9	3773142	NonCancer	0.00E+00	1.31E-07	7.88E-06	0.00E+00	0.00E+00	7.94E-06	4.09E-06	0.00E+00	6.25E-06	0.00E+00	0.00E+00	7.88E-06	0.00E+00	0.00E+00	7.94E-06
1210	ALL	462903.8	3773125	NonCancer	0.00E+00	1.61E-07	9.68E-06	0.00E+00	0.00E+00	9.75E-06	5.02E-06	0.00E+00	7.68E-06	0.00E+00	0.00E+00	9.68E-06	0.00E+00	0.00E+00	9.75E-06
1211	ALL	462888.1	3773159	NonCancer	0.00E+00	1.02E-07	6.14E-06	0.00E+00	0.00E+00	6.19E-06	3.18E-06	0.00E+00	4.87E-06	0.00E+00	0.00E+00	6.14E-06	0.00E+00	0.00E+00	6.19E-06
1212	ALL	462888.2	3773169	NonCancer	0.00E+00	9.60E-08	5.77E-06	0.00E+00	0.00E+00	5.82E-06	3.00E-06	0.00E+00	4.58E-06	0.00E+00	0.00E+00	5.77E-06	0.00E+00	0.00E+00	5.82E-06
1213	ALL	462888.3	3773179	NonCancer	0.00E+00	9.86E-08	5.93E-06	0.00E+00	0.00E+00	5.98E-06	3.08E-06	0.00E+00	4.70E-06	0.00E+00	0.00E+00	5.93E-06	0.00E+00	0.00E+00	5.98E-06
1214	ALL	462888.4	3773189	NonCancer	0.00E+00	1.01E-07	6.08E-06	0.00E+00	0.00E+00	6.13E-06	3.16E-06	0.00E+00	4.83E-06	0.00E+00	0.00E+00	6.08E-06	0.00E+00	0.00E+00	6.13E-06
1215	ALL	462888.5	3773199	NonCancer	0.00E+00	1.07E-07	6.42E-06	0.00E+00	0.00E+00	6.47E-06	3.33E-06	0.00E+00	5.09E-06	0.00E+00	0.00E+00	6.42E-06	0.00E+00	0.00E+00	6.47E-06
1216	ALL	462888.6	3773209	NonCancer	0.00E+00	1.12E-07	6.76E-06	0.00E+00	0.00E+00	6.81E-06	3.51E-06	0.00E+00	5.36E-06	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	6.81E-06
1217	ALL	462888.6	3773219	NonCancer	0.00E+00	1.13E-07	6.77E-06	0.00E+00	0.00E+00	6.83E-06	3.52E-06	0.00E+00	5.37E-06	0.00E+00	0.00E+00	6.77E-06	0.00E+00	0.00E+00	6.83E-06
1218	ALL	462888.7	3773229	NonCancer	0.00E+00	1.10E-07	6.62E-06	0.00E+00	0.00E+00	6.67E-06	3.43E-06	0.00E+00	5.25E-06	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	6.67E-06
1219	ALL	462888.8	3773239	NonCancer	0.00E+00	1.14E-07	6.88E-06	0.00E+00	0.00E+00	6.94E-06	3.57E-06	0.00E+00	5.46E-06	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.94E-06
1220	ALL	462880.9	3773142	NonCancer	0.00E+00	1.14E-07	6.87E-06	0.00E+00	0.00E+00	6.92E-06	3.56E-06	0.00E+00	5.44E-06	0.00E+00	0.00E+00	6.87E-06	0.00E+00	0.00E+00	6.92E-06
1221	ALL	462886.7	3773128	NonCancer	0.00E+00	1.32E-07	7.95E-06	0.00E+00	0.00E+00	8.02E-06	4.13E-06	0.00E+00	6.31E-06	0.00E+00	0.00E+00	7.95E-06	0.00E+00	0.00E+00	8.02E-06
1222	ALL	462896.7	3773118	NonCancer	0.00E+00	1.54E-07	9.25E-06	0.00E+00	0.00E+00	9.33E-06	4.80E-06	0.00E+00	7.34E-06	0.00E+00	0.00E+00	9.25E-06	0.00E+00	0.00E+00	9.33E-06
1223	ALL	462878.1	3773159	NonCancer	0.00E+00	8.57E-08	5.16E-06	0.00E+00	0.00E+00	5.20E-06	2.68E-06	0.00E+00	4.09E-06	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	5.20E-06
1224	ALL	462878.2	3773169	NonCancer	0.00E+00	8.54E-08	5.13E-06	0.00E+00	0.00E+00	5.18E-06	2.66E-06	0.00E+00	4.07E-06	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	5.18E-06
1225	ALL	462878.3	3773179	NonCancer	0.00E+00	8.80E-08	5.29E-06	0.00E+00	0.00E+00	5.33E-06	2.75E-06	0.00E+00	4.20E-06	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	5.33E-06
1226	ALL	462878.4	3773189	NonCancer	0.00E+00	8.95E-08	5.38E-06	0.00E+00	0.00E+00	5.43E-06	2.79E-06	0.00E+00	4.27E-06	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	5.43E-06
1227	ALL	462878.5	3773199	NonCancer	0.00E+00	9.64E-08	5.80E-06	0.00E+00	0.00E+00	5.84E-06	3.01E-06	0.00E+00	4.60E-06	0.00E+00	0.00E+00	5.80E-06	0.00E+00	0.00E+00	5.84E-06
1228	ALL	462878.6	3773209	NonCancer	0.00E+00	1.04E-07	6.24E-06	0.00E+00	0.00E+00	6.29E-06	3.24E-06	0.00E+00	4.95E-06	0.00E+00	0.00E+00	6.24E-06	0.00E+00	0.00E+00	6.29E-06
1229	ALL	462878.6	3773219	NonCancer	0.00E+00	1.06E-07	6.36E-06	0.00E+00	0.00E+00	6.41E-06	3.30E-06	0.00E+00	5.04E-06	0.00E+00	0.00E+00	6.36E-06	0.00E+00	0.00E+00	6.41E-06
1230	ALL	462878.7	3773229	NonCancer	0.00E+00	1.01E-07	6.09E-06	0.00E+00	0.00E+00	6.14E-06	3.16E-06	0.00E+00	4.83E-06	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	6.14E-06
1231	ALL	462878.8	3773239	NonCancer	0.00E+00	9.98E-08	6.00E-06	0.00E+00	0.00E+00	6.05E-06	3.12E-06	0.00E+00	4.76E-06	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	6.05E-06
1232	ALL	462871.6	3773140	NonCancer	0.00E+00	1.02E-07	6.11E-06	0.00E+00	0.00E+00	6.16E-06	3.17E-06	0.00E+00	4.84E-06	0.00E+00	0.00E+00	6.11E-06	0.00E+00	0.00E+00	6.16E-06
1233	ALL	462875.2	3773131	NonCancer	0.00E+00	1.12E-07	6.75E-06	0.00E+00	0.00E+00	6.81E-06	3.51E-06	0.00E+00	5.36E-06	0.00E+00	0.00E+00	6.75E-06	0.00E+00	0.00E+00	6.81E-06
1234	ALL	462878.8	3773123	NonCancer	0.00E+00	1.23E-07	7.41E-06	0.00E+00	0.00E+00	7.47E-06	3.85E-06	0.00E+00	5.88E-06	0.00E+00	0.00E+00	7.41E-06	0.00E+00	0.00E+00	7.47E-06
1235	ALL	462891.3	3773110	NonCancer	0.00E+00	1.51E-07	9.09E-06	0.00E+00	0.00E+00	9.16E-06	4.72E-06	0.00E+00	7.21E-06	0.00E+00	0.00E+00	9.09E-06	0.00E+00	0.00E+00	9.16E-06
1236	ALL	462900.2	3773106	NonCancer	0.00E+00	1.71E-07	1.03E-05	0.00E+00	0.00E+00	1.04E-05	5.35E-06	0.00E+00	8.17E-06	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.04E-05
1237	ALL	462909	3773103	NonCancer	0.00E+00	1.86E-07	1.12E-05	0.00E+00	0.00E+00	1.13E-05	5.81E-06	0.00E+00	8.87E-06	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.13E-05
1238	ALL	462868	3773149	NonCancer	0.00E+00	8.60E-08	5.17E-06	0.00E+00	0.00E+00	5.22E-06	2.68E-06	0.00E+00	4.10E-06	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	5.22E-06
1239	ALL	462868.1	3773159	NonCancer	0.00E+00	7.56E-08	4.55E-06	0.00E+00	0.00E+00	4.59E-06	2.36E-06	0.00E+00	3.61E-06	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	4.59E-06
1240	ALL	462868.2	3773169	NonCancer	0.00E+00	7.75E-08	4.66E-06	0.00E+00	0.00E+00	4.70E-06	2.42E-06	0.00E+00	3.70E-06	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	4.70E-06

1241	ALL	462868.3	3773179	NonCancer	0.00E+00	7.89E-08	4.75E-06	0.00E+00	0.00E+00	4.79E-06	2.46E-06	0.00E+00	3.76E-06	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	4.79E-06
1242	ALL	462868.4	3773189	NonCancer	0.00E+00	8.04E-08	4.84E-06	0.00E+00	0.00E+00	4.87E-06	2.51E-06	0.00E+00	3.83E-06	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	4.87E-06
1243	ALL	462868.5	3773199	NonCancer	0.00E+00	8.62E-08	5.18E-06	0.00E+00	0.00E+00	5.22E-06	2.69E-06	0.00E+00	4.11E-06	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	5.22E-06
1244	ALL	462868.6	3773209	NonCancer	0.00E+00	9.42E-08	5.67E-06	0.00E+00	0.00E+00	5.71E-06	2.94E-06	0.00E+00	4.49E-06	0.00E+00	0.00E+00	5.67E-06	0.00E+00	0.00E+00	5.71E-06
1245	ALL	462868.6	3773219	NonCancer	0.00E+00	9.78E-08	5.88E-06	0.00E+00	0.00E+00	5.93E-06	3.05E-06	0.00E+00	4.67E-06	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	5.93E-06
1246	ALL	462868.7	3773229	NonCancer	0.00E+00	9.54E-08	5.74E-06	0.00E+00	0.00E+00	5.79E-06	2.98E-06	0.00E+00	4.55E-06	0.00E+00	0.00E+00	5.74E-06	0.00E+00	0.00E+00	5.79E-06
1247	ALL	462868.8	3773239	NonCancer	0.00E+00	9.11E-08	5.48E-06	0.00E+00	0.00E+00	5.53E-06	2.84E-06	0.00E+00	4.35E-06	0.00E+00	0.00E+00	5.48E-06	0.00E+00	0.00E+00	5.53E-06
1248	ALL	462861.5	3773141	NonCancer	0.00E+00	8.71E-08	5.24E-06	0.00E+00	0.00E+00	5.28E-06	2.72E-06	0.00E+00	4.16E-06	0.00E+00	0.00E+00	5.24E-06	0.00E+00	0.00E+00	5.28E-06
1249	ALL	462864.9	3773132	NonCancer	0.00E+00	9.84E-08	5.92E-06	0.00E+00	0.00E+00	5.97E-06	3.07E-06	0.00E+00	4.70E-06	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	5.97E-06
1250	ALL	462868.4	3773124	NonCancer	0.00E+00	1.08E-07	6.52E-06	0.00E+00	0.00E+00	6.57E-06	3.38E-06	0.00E+00	5.17E-06	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	6.57E-06
1251	ALL	462871.9	3773115	NonCancer	0.00E+00	1.16E-07	7.00E-06	0.00E+00	0.00E+00	7.06E-06	3.63E-06	0.00E+00	5.55E-06	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	7.06E-06
1252	ALL	462883.8	3773103	NonCancer	0.00E+00	1.43E-07	8.59E-06	0.00E+00	0.00E+00	8.66E-06	4.46E-06	0.00E+00	6.81E-06	0.00E+00	0.00E+00	8.59E-06	0.00E+00	0.00E+00	8.66E-06
1253	ALL	462892.4	3773100	NonCancer	0.00E+00	1.59E-07	9.55E-06	0.00E+00	0.00E+00	9.63E-06	4.96E-06	0.00E+00	7.58E-06	0.00E+00	0.00E+00	9.55E-06	0.00E+00	0.00E+00	9.63E-06
1254	ALL	462900.9	3773096	NonCancer	0.00E+00	1.70E-07	1.02E-05	0.00E+00	0.00E+00	1.03E-05	5.30E-06	0.00E+00	8.10E-06	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.03E-05
1255	ALL	462909.4	3773092	NonCancer	0.00E+00	1.72E-07	1.04E-05	0.00E+00	0.00E+00	1.04E-05	5.37E-06	0.00E+00	8.21E-06	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
1256	ALL	462858	3773149	NonCancer	0.00E+00	7.41E-08	4.46E-06	0.00E+00	0.00E+00	4.50E-06	2.31E-06	0.00E+00	3.54E-06	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	4.50E-06
1257	ALL	462858.1	3773159	NonCancer	0.00E+00	6.85E-08	4.12E-06	0.00E+00	0.00E+00	4.15E-06	2.14E-06	0.00E+00	3.27E-06	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	4.15E-06
1258	ALL	462858.2	3773169	NonCancer	0.00E+00	7.11E-08	4.28E-06	0.00E+00	0.00E+00	4.31E-06	2.22E-06	0.00E+00	3.39E-06	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	4.31E-06
1259	ALL	462858.3	3773179	NonCancer	0.00E+00	7.22E-08	4.34E-06	0.00E+00	0.00E+00	4.38E-06	2.25E-06	0.00E+00	3.44E-06	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	4.38E-06
1260	ALL	462858.4	3773189	NonCancer	0.00E+00	7.37E-08	4.44E-06	0.00E+00	0.00E+00	4.47E-06	2.30E-06	0.00E+00	3.52E-06	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	4.47E-06
1261	ALL	462858.5	3773199	NonCancer	0.00E+00	7.74E-08	4.66E-06	0.00E+00	0.00E+00	4.70E-06	2.42E-06	0.00E+00	3.69E-06	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	4.70E-06
1262	ALL	462858.6	3773209	NonCancer	0.00E+00	8.53E-08	5.13E-06	0.00E+00	0.00E+00	5.17E-06	2.66E-06	0.00E+00	4.07E-06	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	5.17E-06
1263	ALL	462858.6	3773219	NonCancer	0.00E+00	9.00E-08	5.41E-06	0.00E+00	0.00E+00	5.46E-06	2.81E-06	0.00E+00	4.29E-06	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	5.46E-06
1264	ALL	462858.7	3773229	NonCancer	0.00E+00	8.93E-08	5.37E-06	0.00E+00	0.00E+00	5.41E-06	2.79E-06	0.00E+00	4.26E-06	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	5.41E-06
1265	ALL	462858.8	3773239	NonCancer	0.00E+00	8.38E-08	5.04E-06	0.00E+00	0.00E+00	5.08E-06	2.62E-06	0.00E+00	4.00E-06	0.00E+00	0.00E+00	5.04E-06	0.00E+00	0.00E+00	5.08E-06
1266	ALL	462851.4	3773141	NonCancer	0.00E+00	7.46E-08	4.49E-06	0.00E+00	0.00E+00	4.52E-06	2.33E-06	0.00E+00	3.56E-06	0.00E+00	0.00E+00	4.49E-06	0.00E+00	0.00E+00	4.52E-06
1267	ALL	462854.7	3773133	NonCancer	0.00E+00	8.55E-08	5.15E-06	0.00E+00	0.00E+00	5.19E-06	2.67E-06	0.00E+00	4.08E-06	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	5.19E-06
1268	ALL	462861.5	3773116	NonCancer	0.00E+00	1.04E-07	6.25E-06	0.00E+00	0.00E+00	6.30E-06	3.24E-06	0.00E+00	4.96E-06	0.00E+00	0.00E+00	6.25E-06	0.00E+00	0.00E+00	6.30E-06
1269	ALL	462876.5	3773096	NonCancer	0.00E+00	1.35E-07	8.13E-06	0.00E+00	0.00E+00	8.20E-06	4.22E-06	0.00E+00	6.45E-06	0.00E+00	0.00E+00	8.13E-06	0.00E+00	0.00E+00	8.20E-06
1270	ALL	462893	3773089	NonCancer	0.00E+00	1.56E-07	9.38E-06	0.00E+00	0.00E+00	9.45E-06	4.87E-06	0.00E+00	7.44E-06	0.00E+00	0.00E+00	9.38E-06	0.00E+00	0.00E+00	9.45E-06
1271	ALL	462848.1	3773159	NonCancer	0.00E+00	6.34E-08	3.81E-06	0.00E+00	0.00E+00	3.85E-06	1.98E-06	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	3.85E-06
1272	ALL	462848.2	3773169	NonCancer	0.00E+00	6.53E-08	3.93E-06	0.00E+00	0.00E+00	3.96E-06	2.04E-06	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	3.96E-06
1273	ALL	462848.3	3773179	NonCancer	0.00E+00	6.70E-08	4.03E-06	0.00E+00	0.00E+00	4.06E-06	2.09E-06	0.00E+00	3.20E-06	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	4.06E-06
1274	ALL	462848.4	3773189	NonCancer	0.00E+00	6.79E-08	4.09E-06	0.00E+00	0.00E+00	4.12E-06	2.12E-06	0.00E+00	3.24E-06	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	4.12E-06
1275	ALL	462848.5	3773199	NonCancer	0.00E+00	7.01E-08	4.22E-06	0.00E+00	0.00E+00	4.25E-06	2.19E-06	0.00E+00	3.34E-06	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	4.25E-06
1276	ALL	462848.6	3773209	NonCancer	0.00E+00	7.72E-08	4.64E-06	0.00E+00	0.00E+00	4.68E-06	2.41E-06	0.00E+00	3.68E-06	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	4.68E-06
1277	ALL	462848.6	3773219	NonCancer	0.00E+00	8.25E-08	4.96E-06	0.00E+00	0.00E+00	5.00E-06	2.57E-06	0.00E+00	3.93E-06	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	5.00E-06
1278	ALL	462848.7	3773229	NonCancer	0.00E+00	8.30E-08	4.99E-06	0.00E+00	0.00E+00	5.03E-06	2.59E-06	0.00E+00	3.96E-06	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	5.03E-06
1279	ALL	462848.8	3773239	NonCancer	0.00E+00	7.92E-08	4.77E-06	0.00E+00	0.00E+00	4.80E-06	2.47E-06	0.00E+00	3.78E-06	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	4.80E-06
1280	ALL	462841.3	3773141	NonCancer	0.00E+00	6.59E-08	3.96E-06	0.00E+00	0.00E+00	3.99E-06	2.06E-06	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	3.99E-06
1281	ALL	462847.9	3773125	NonCancer	0.00E+00	8.23E-08	4.95E-06	0.00E+00	0.00E+00	4.99E-06	2.57E-06	0.00E+00	3.93E-06	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	4.99E-06
1282	ALL	462854.5	3773109	NonCancer	0.00E+00	9.91E-08	5.96E-06	0.00E+00	0.00E+00	6.01E-06	3.09E-06	0.00E+00	4.73E-06	0.00E+00	0.00E+00	5.96E-06	0.00E+00	0.00E+00	6.01E-06
1283	ALL	462869.2	3773089	NonCancer	0.00E+00	1.28E-07	7.70E-06	0.00E+00	0.00E+00	7.76E-06	4.00E-06	0.00E+00	6.11E-06	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	7.76E-06
1284	ALL	462885.4	3773082	NonCancer	0.00E+00	1.44E-07	8.65E-06	0.00E+00	0.00E+00	8.72E-06	4.49E-06	0.00E+00	6.86E-06	0.00E+00	0.00E+00	8.65E-06	0.00E+00	0.00E+00	8.72E-06
1285	ALL	462901.6	3773076	NonCancer	0.00E+00	1.36E-07	8.17E-06	0.00E+00	0.00E+00	8.23E-06	4.24E-06	0.00E+00	6.48E-06	0.00E+00	0.00E+00	8.17E-06	0.00E+00	0.00E+00	8.23E-06
1286	ALL	462838.1	3773160	NonCancer	0.00E+00	5.89E-08	3.54E-06	0.00E+00	0.00E+00	3.57E-06	1.84E-06	0.00E+00	2.81E-06	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	3.57E-06
1287	ALL	462838.2	3773169	NonCancer	0.00E+00	6.02E-08	3.62E-06	0.00E+00	0.00E+00	3.65E-06	1.88E-06	0.00E+00	2.87E-06	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	3.65E-06
1288	ALL	462838.3	3773179	NonCancer	0.00E+00	6.23E-08	3.75E-06	0.00E+00	0.00E+00	3.78E-06	1.94E-06	0.00E+00	2.97E-06	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	3.78E-06
1289	ALL	462838.4	3773189	NonCancer	0.00E+00	6.32E-08	3.80E-06	0.00E+00	0.00E+00	3.83E-06	1.97E-06	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	3.83E-06
1290	ALL	462838.5	3773199	NonCancer	0.00E+00	6.37E-08	3.84E-06	0.00E+00	0.00E+00	3.87E-06	1.99E-06	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	3.87E-06
1291	ALL	462838.6	3773209	NonCancer	0.00E+00	6.99E-08	4.21E-06	0.00E+00	0.00E+00	4.24E-06	2.18E-06	0.00E+00	3.34E-06	0.00E+00	0.00E+00	4.21E-06	0.00E+00	0.00E+00	4.24E-06
1292	ALL	462838.6	3773219	NonCancer	0.00E+00	7.54E-08	4.54E-06	0.00E+00	0.00E+00	4.57E-06	2.35E-06	0.00E+00	3.60E-06	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	4.57E-06
1293	ALL	462838.7	3773229	NonCancer	0.00E+00	7.69E-08	4.62E-06	0.00E+00	0.00E+00	4.66E-06	2.40E-06	0.00E+00	3.67E-06	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	4.66E-06
1294	ALL	462838.8	3773239	NonCancer	0.00E+00	7.44E-08	4.48E-06	0.00E+00	0.00E+00	4.51E-06	2.32E-06	0.00E+00	3.55E-06	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	4.51E-06

1295	ALL	462831.7	3773141	NonCancer	0.00E+00	6.09E-08	3.66E-06	0.00E+00	0.00E+00	3.69E-06	1.90E-06	0.00E+00	2.91E-06	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	3.69E-06
1296	ALL	462835.4	3773131	NonCancer	0.00E+00	6.63E-08	3.99E-06	0.00E+00	0.00E+00	4.02E-06	2.07E-06	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	4.02E-06
1297	ALL	462839.2	3773122	NonCancer	0.00E+00	7.49E-08	4.50E-06	0.00E+00	0.00E+00	4.54E-06	2.34E-06	0.00E+00	3.57E-06	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	4.54E-06
1298	ALL	462842.9	3773113	NonCancer	0.00E+00	8.51E-08	5.12E-06	0.00E+00	0.00E+00	5.16E-06	2.66E-06	0.00E+00	4.06E-06	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	5.16E-06
1299	ALL	462846.6	3773104	NonCancer	0.00E+00	9.28E-08	5.58E-06	0.00E+00	0.00E+00	5.63E-06	2.90E-06	0.00E+00	4.43E-06	0.00E+00	0.00E+00	5.58E-06	0.00E+00	0.00E+00	5.63E-06
1300	ALL	462850.3	3773095	NonCancer	0.00E+00	9.96E-08	5.99E-06	0.00E+00	0.00E+00	6.04E-06	3.11E-06	0.00E+00	4.75E-06	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	6.04E-06
1301	ALL	462863.1	3773082	NonCancer	0.00E+00	1.23E-07	7.37E-06	0.00E+00	0.00E+00	7.43E-06	3.83E-06	0.00E+00	5.85E-06	0.00E+00	0.00E+00	7.37E-06	0.00E+00	0.00E+00	7.43E-06
1302	ALL	462872.2	3773078	NonCancer	0.00E+00	1.31E-07	7.86E-06	0.00E+00	0.00E+00	7.93E-06	4.08E-06	0.00E+00	6.24E-06	0.00E+00	0.00E+00	7.86E-06	0.00E+00	0.00E+00	7.93E-06
1303	ALL	462881.4	3773074	NonCancer	0.00E+00	1.33E-07	8.01E-06	0.00E+00	0.00E+00	8.07E-06	4.16E-06	0.00E+00	6.35E-06	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	8.07E-06
1304	ALL	462890.5	3773070	NonCancer	0.00E+00	1.28E-07	7.71E-06	0.00E+00	0.00E+00	7.77E-06	4.00E-06	0.00E+00	6.11E-06	0.00E+00	0.00E+00	7.71E-06	0.00E+00	0.00E+00	7.77E-06
1305	ALL	462899.6	3773066	NonCancer	0.00E+00	1.16E-07	6.96E-06	0.00E+00	0.00E+00	7.02E-06	3.61E-06	0.00E+00	5.52E-06	0.00E+00	0.00E+00	6.96E-06	0.00E+00	0.00E+00	7.02E-06
1306	ALL	462908.7	3773063	NonCancer	0.00E+00	9.95E-08	5.99E-06	0.00E+00	0.00E+00	6.03E-06	3.11E-06	0.00E+00	4.75E-06	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	6.03E-06
1307	ALL	462828	3773150	NonCancer	0.00E+00	5.78E-08	3.48E-06	0.00E+00	0.00E+00	3.51E-06	1.81E-06	0.00E+00	2.76E-06	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	3.51E-06
1308	ALL	462828.1	3773160	NonCancer	0.00E+00	5.49E-08	3.31E-06	0.00E+00	0.00E+00	3.33E-06	1.71E-06	0.00E+00	2.62E-06	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	3.33E-06
1309	ALL	462828.2	3773170	NonCancer	0.00E+00	5.64E-08	3.39E-06	0.00E+00	0.00E+00	3.42E-06	1.76E-06	0.00E+00	2.69E-06	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	3.42E-06
1310	ALL	462828.3	3773180	NonCancer	0.00E+00	5.82E-08	3.50E-06	0.00E+00	0.00E+00	3.53E-06	1.82E-06	0.00E+00	2.77E-06	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	3.53E-06
1311	ALL	462828.4	3773189	NonCancer	0.00E+00	5.90E-08	3.55E-06	0.00E+00	0.00E+00	3.58E-06	1.84E-06	0.00E+00	2.82E-06	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	3.58E-06
1312	ALL	462828.5	3773199	NonCancer	0.00E+00	5.99E-08	3.61E-06	0.00E+00	0.00E+00	3.63E-06	1.87E-06	0.00E+00	2.86E-06	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	3.63E-06
1313	ALL	462828.6	3773209	NonCancer	0.00E+00	6.35E-08	3.82E-06	0.00E+00	0.00E+00	3.85E-06	1.98E-06	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	3.85E-06
1314	ALL	462828.6	3773219	NonCancer	0.00E+00	6.89E-08	4.14E-06	0.00E+00	0.00E+00	4.18E-06	2.15E-06	0.00E+00	3.29E-06	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	4.18E-06
1315	ALL	462828.7	3773229	NonCancer	0.00E+00	7.10E-08	4.27E-06	0.00E+00	0.00E+00	4.30E-06	2.21E-06	0.00E+00	3.38E-06	0.00E+00	0.00E+00	4.27E-06	0.00E+00	0.00E+00	4.30E-06
1316	ALL	462828.8	3773239	NonCancer	0.00E+00	6.97E-08	4.19E-06	0.00E+00	0.00E+00	4.22E-06	2.17E-06	0.00E+00	3.32E-06	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	4.22E-06
1317	ALL	462821.6	3773141	NonCancer	0.00E+00	5.69E-08	3.42E-06	0.00E+00	0.00E+00	3.45E-06	1.78E-06	0.00E+00	2.72E-06	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	3.45E-06
1318	ALL	462825.2	3773132	NonCancer	0.00E+00	5.88E-08	3.54E-06	0.00E+00	0.00E+00	3.57E-06	1.84E-06	0.00E+00	2.81E-06	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	3.57E-06
1319	ALL	462828.8	3773123	NonCancer	0.00E+00	6.51E-08	3.92E-06	0.00E+00	0.00E+00	3.95E-06	2.03E-06	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	3.95E-06
1320	ALL	462832.5	3773114	NonCancer	0.00E+00	7.39E-08	4.45E-06	0.00E+00	0.00E+00	4.48E-06	2.31E-06	0.00E+00	3.52E-06	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	4.48E-06
1321	ALL	462836.1	3773105	NonCancer	0.00E+00	8.26E-08	4.97E-06	0.00E+00	0.00E+00	5.01E-06	2.58E-06	0.00E+00	3.94E-06	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	5.01E-06
1322	ALL	462839.7	3773096	NonCancer	0.00E+00	8.83E-08	5.31E-06	0.00E+00	0.00E+00	5.36E-06	2.76E-06	0.00E+00	4.21E-06	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	5.36E-06
1323	ALL	462843.3	3773087	NonCancer	0.00E+00	9.68E-08	5.83E-06	0.00E+00	0.00E+00	5.87E-06	3.02E-06	0.00E+00	4.62E-06	0.00E+00	0.00E+00	5.83E-06	0.00E+00	0.00E+00	5.87E-06
1324	ALL	462855.8	3773075	NonCancer	0.00E+00	1.16E-07	6.96E-06	0.00E+00	0.00E+00	7.02E-06	3.61E-06	0.00E+00	5.52E-06	0.00E+00	0.00E+00	6.96E-06	0.00E+00	0.00E+00	7.02E-06
1325	ALL	462864.6	3773071	NonCancer	0.00E+00	1.22E-07	7.33E-06	0.00E+00	0.00E+00	7.39E-06	3.81E-06	0.00E+00	5.82E-06	0.00E+00	0.00E+00	7.33E-06	0.00E+00	0.00E+00	7.39E-06
1326	ALL	462873.5	3773067	NonCancer	0.00E+00	1.23E-07	7.40E-06	0.00E+00	0.00E+00	7.46E-06	3.84E-06	0.00E+00	5.87E-06	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	7.46E-06
1327	ALL	462882.3	3773064	NonCancer	0.00E+00	1.18E-07	7.11E-06	0.00E+00	0.00E+00	7.17E-06	3.69E-06	0.00E+00	5.64E-06	0.00E+00	0.00E+00	7.11E-06	0.00E+00	0.00E+00	7.17E-06
1328	ALL	462891.2	3773060	NonCancer	0.00E+00	1.07E-07	6.46E-06	0.00E+00	0.00E+00	6.51E-06	3.35E-06	0.00E+00	5.12E-06	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	6.51E-06
1329	ALL	462900.1	3773056	NonCancer	0.00E+00	9.34E-08	5.62E-06	0.00E+00	0.00E+00	5.66E-06	2.91E-06	0.00E+00	4.45E-06	0.00E+00	0.00E+00	5.62E-06	0.00E+00	0.00E+00	5.66E-06
1330	ALL	462908.9	3773053	NonCancer	0.00E+00	8.38E-08	5.04E-06	0.00E+00	0.00E+00	5.08E-06	2.61E-06	0.00E+00	4.00E-06	0.00E+00	0.00E+00	5.04E-06	0.00E+00	0.00E+00	5.08E-06
1331	ALL	462818	3773150	NonCancer	0.00E+00	5.40E-08	3.25E-06	0.00E+00	0.00E+00	3.27E-06	1.68E-06	0.00E+00	2.57E-06	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	3.27E-06
1332	ALL	462818.1	3773160	NonCancer	0.00E+00	5.13E-08	3.09E-06	0.00E+00	0.00E+00	3.11E-06	1.60E-06	0.00E+00	2.45E-06	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.11E-06
1333	ALL	462818.2	3773170	NonCancer	0.00E+00	5.28E-08	3.18E-06	0.00E+00	0.00E+00	3.20E-06	1.65E-06	0.00E+00	2.52E-06	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	3.20E-06
1334	ALL	462818.3	3773180	NonCancer	0.00E+00	5.45E-08	3.28E-06	0.00E+00	0.00E+00	3.30E-06	1.70E-06	0.00E+00	2.60E-06	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	3.30E-06
1335	ALL	462818.4	3773190	NonCancer	0.00E+00	5.56E-08	3.35E-06	0.00E+00	0.00E+00	3.37E-06	1.74E-06	0.00E+00	2.65E-06	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	3.37E-06
1336	ALL	462818.5	3773200	NonCancer	0.00E+00	5.69E-08	3.42E-06	0.00E+00	0.00E+00	3.45E-06	1.77E-06	0.00E+00	2.71E-06	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	3.45E-06
1337	ALL	462818.6	3773209	NonCancer	0.00E+00	5.84E-08	3.51E-06	0.00E+00	0.00E+00	3.54E-06	1.82E-06	0.00E+00	2.78E-06	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	3.54E-06
1338	ALL	462818.6	3773219	NonCancer	0.00E+00	6.29E-08	3.79E-06	0.00E+00	0.00E+00	3.82E-06	1.96E-06	0.00E+00	3.00E-06	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	3.82E-06
1339	ALL	462818.7	3773229	NonCancer	0.00E+00	6.54E-08	3.93E-06	0.00E+00	0.00E+00	3.96E-06	2.04E-06	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	3.96E-06
1340	ALL	462818.8	3773239	NonCancer	0.00E+00	6.49E-08	3.91E-06	0.00E+00	0.00E+00	3.94E-06	2.03E-06	0.00E+00	3.10E-06	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	3.94E-06
1341	ALL	462801.5	3773141	NonCancer	0.00E+00	5.03E-08	3.03E-06	0.00E+00	0.00E+00	3.05E-06	1.57E-06	0.00E+00	2.40E-06	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.05E-06
1342	ALL	462804.9	3773133	NonCancer	0.00E+00	5.18E-08	3.12E-06	0.00E+00	0.00E+00	3.14E-06	1.62E-06	0.00E+00	2.47E-06	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.14E-06
1343	ALL	462808.4	3773124	NonCancer	0.00E+00	5.19E-08	3.12E-06	0.00E+00	0.00E+00	3.15E-06	1.62E-06	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.15E-06
1344	ALL	462811.9	3773116	NonCancer	0.00E+00	5.52E-08	3.32E-06	0.00E+00	0.00E+00	3.35E-06	1.72E-06	0.00E+00	2.63E-06	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	3.35E-06
1345	ALL	462815.3	3773107	NonCancer	0.00E+00	6.33E-08	3.81E-06	0.00E+00	0.00E+00	3.84E-06	1.98E-06	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	3.84E-06
1346	ALL	462818.8	3773099	NonCancer	0.00E+00	7.08E-08	4.26E-06	0.00E+00	0.00E+00	4.30E-06	2.21E-06	0.00E+00	3.38E-06	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	4.30E-06
1347	ALL	462822.3	3773090	NonCancer	0.00E+00	7.64E-08	4.60E-06	0.00E+00	0.00E+00	4.63E-06	2.38E-06	0.00E+00	3.64E-06	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	4.63E-06
1348	ALL	462825.7	3773082	NonCancer	0.00E+00	8.23E-08	4.95E-06	0.00E+00	0.00E+00	4.99E-06	2.57E-06	0.00E+00	3.93E-06	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	4.99E-06

1349	ALL	462829.2	3773073	NonCancer	0.00E+00	9.10E-08	5.47E-06	0.00E+00	0.00E+00	5.52E-06	2.84E-06	0.00E+00	4.34E-06	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	5.52E-06
1350	ALL	462841.2	3773061	NonCancer	0.00E+00	1.04E-07	6.23E-06	0.00E+00	0.00E+00	6.28E-06	3.23E-06	0.00E+00	4.94E-06	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	6.28E-06
1351	ALL	462849.7	3773057	NonCancer	0.00E+00	1.07E-07	6.43E-06	0.00E+00	0.00E+00	6.48E-06	3.34E-06	0.00E+00	5.10E-06	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	6.48E-06
1352	ALL	462858.2	3773054	NonCancer	0.00E+00	1.06E-07	6.39E-06	0.00E+00	0.00E+00	6.44E-06	3.32E-06	0.00E+00	5.07E-06	0.00E+00	0.00E+00	6.39E-06	0.00E+00	0.00E+00	6.44E-06
1353	ALL	462866.7	3773050	NonCancer	0.00E+00	1.01E-07	6.10E-06	0.00E+00	0.00E+00	6.15E-06	3.17E-06	0.00E+00	4.84E-06	0.00E+00	0.00E+00	6.10E-06	0.00E+00	0.00E+00	6.15E-06
1354	ALL	462875.2	3773047	NonCancer	0.00E+00	9.26E-08	5.57E-06	0.00E+00	0.00E+00	5.61E-06	2.89E-06	0.00E+00	4.42E-06	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	5.61E-06
1355	ALL	462883.7	3773043	NonCancer	0.00E+00	8.19E-08	4.92E-06	0.00E+00	0.00E+00	4.96E-06	2.56E-06	0.00E+00	3.91E-06	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	4.96E-06
1356	ALL	462892.2	3773040	NonCancer	0.00E+00	7.45E-08	4.48E-06	0.00E+00	0.00E+00	4.52E-06	2.33E-06	0.00E+00	3.56E-06	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	4.52E-06
1357	ALL	462900.7	3773036	NonCancer	0.00E+00	7.24E-08	4.36E-06	0.00E+00	0.00E+00	4.39E-06	2.26E-06	0.00E+00	3.45E-06	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	4.39E-06
1358	ALL	462909.2	3773032	NonCancer	0.00E+00	7.52E-08	4.52E-06	0.00E+00	0.00E+00	4.56E-06	2.35E-06	0.00E+00	3.59E-06	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	4.56E-06
1359	ALL	462798	3773150	NonCancer	0.00E+00	4.72E-08	2.84E-06	0.00E+00	0.00E+00	2.86E-06	1.47E-06	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	2.86E-06
1360	ALL	462798.1	3773160	NonCancer	0.00E+00	4.56E-08	2.75E-06	0.00E+00	0.00E+00	2.77E-06	1.42E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.77E-06
1361	ALL	462798.2	3773170	NonCancer	0.00E+00	4.67E-08	2.81E-06	0.00E+00	0.00E+00	2.83E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	2.83E-06
1362	ALL	462798.3	3773180	NonCancer	0.00E+00	4.80E-08	2.89E-06	0.00E+00	0.00E+00	2.91E-06	1.50E-06	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	2.91E-06
1363	ALL	462798.4	3773190	NonCancer	0.00E+00	4.95E-08	2.98E-06	0.00E+00	0.00E+00	3.00E-06	1.55E-06	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	3.00E-06
1364	ALL	462798.5	3773200	NonCancer	0.00E+00	5.10E-08	3.07E-06	0.00E+00	0.00E+00	3.09E-06	1.59E-06	0.00E+00	2.43E-06	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.09E-06
1365	ALL	462798.6	3773210	NonCancer	0.00E+00	5.18E-08	3.12E-06	0.00E+00	0.00E+00	3.14E-06	1.62E-06	0.00E+00	2.47E-06	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.14E-06
1366	ALL	462798.6	3773220	NonCancer	0.00E+00	5.28E-08	3.18E-06	0.00E+00	0.00E+00	3.20E-06	1.65E-06	0.00E+00	2.52E-06	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	3.20E-06
1367	ALL	462798.7	3773230	NonCancer	0.00E+00	5.53E-08	3.33E-06	0.00E+00	0.00E+00	3.35E-06	1.73E-06	0.00E+00	2.64E-06	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	3.35E-06
1368	ALL	462798.8	3773240	NonCancer	0.00E+00	5.61E-08	3.38E-06	0.00E+00	0.00E+00	3.40E-06	1.75E-06	0.00E+00	2.68E-06	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	3.40E-06
1369	ALL	462781.7	3773141	NonCancer	0.00E+00	4.47E-08	2.69E-06	0.00E+00	0.00E+00	2.71E-06	1.40E-06	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	2.71E-06
1370	ALL	462785.4	3773132	NonCancer	0.00E+00	4.68E-08	2.81E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	2.84E-06
1371	ALL	462789	3773123	NonCancer	0.00E+00	4.70E-08	2.83E-06	0.00E+00	0.00E+00	2.85E-06	1.47E-06	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	2.85E-06
1372	ALL	462792.7	3773114	NonCancer	0.00E+00	4.57E-08	2.75E-06	0.00E+00	0.00E+00	2.77E-06	1.43E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.77E-06
1373	ALL	462796.4	3773105	NonCancer	0.00E+00	5.06E-08	3.05E-06	0.00E+00	0.00E+00	3.07E-06	1.58E-06	0.00E+00	2.42E-06	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.07E-06
1374	ALL	462800.1	3773096	NonCancer	0.00E+00	5.83E-08	3.51E-06	0.00E+00	0.00E+00	3.53E-06	1.82E-06	0.00E+00	2.78E-06	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	3.53E-06
1375	ALL	462803.7	3773087	NonCancer	0.00E+00	6.46E-08	3.89E-06	0.00E+00	0.00E+00	3.92E-06	2.02E-06	0.00E+00	3.08E-06	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	3.92E-06
1376	ALL	462807.4	3773078	NonCancer	0.00E+00	6.91E-08	4.16E-06	0.00E+00	0.00E+00	4.19E-06	2.16E-06	0.00E+00	3.30E-06	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	4.19E-06
1377	ALL	462811.1	3773069	NonCancer	0.00E+00	7.72E-08	4.64E-06	0.00E+00	0.00E+00	4.68E-06	2.41E-06	0.00E+00	3.68E-06	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	4.68E-06
1378	ALL	462814.8	3773059	NonCancer	0.00E+00	8.44E-08	5.08E-06	0.00E+00	0.00E+00	5.12E-06	2.63E-06	0.00E+00	4.03E-06	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	5.12E-06
1379	ALL	462827.5	3773047	NonCancer	0.00E+00	9.31E-08	5.60E-06	0.00E+00	0.00E+00	5.64E-06	2.90E-06	0.00E+00	4.44E-06	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	5.64E-06
1380	ALL	462836.5	3773043	NonCancer	0.00E+00	9.42E-08	5.67E-06	0.00E+00	0.00E+00	5.71E-06	2.94E-06	0.00E+00	4.49E-06	0.00E+00	0.00E+00	5.67E-06	0.00E+00	0.00E+00	5.71E-06
1381	ALL	462845.5	3773039	NonCancer	0.00E+00	9.17E-08	5.51E-06	0.00E+00	0.00E+00	5.56E-06	2.86E-06	0.00E+00	4.37E-06	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	5.56E-06
1382	ALL	462854.5	3773035	NonCancer	0.00E+00	8.55E-08	5.14E-06	0.00E+00	0.00E+00	5.18E-06	2.67E-06	0.00E+00	4.08E-06	0.00E+00	0.00E+00	5.14E-06	0.00E+00	0.00E+00	5.18E-06
1383	ALL	462863.6	3773032	NonCancer	0.00E+00	7.63E-08	4.59E-06	0.00E+00	0.00E+00	4.62E-06	2.38E-06	0.00E+00	3.64E-06	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	4.62E-06
1384	ALL	462872.6	3773028	NonCancer	0.00E+00	6.92E-08	4.16E-06	0.00E+00	0.00E+00	4.19E-06	2.16E-06	0.00E+00	3.30E-06	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	4.19E-06
1385	ALL	462881.6	3773024	NonCancer	0.00E+00	6.42E-08	3.86E-06	0.00E+00	0.00E+00	3.89E-06	2.00E-06	0.00E+00	3.06E-06	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	3.89E-06
1386	ALL	462890.6	3773020	NonCancer	0.00E+00	6.40E-08	3.85E-06	0.00E+00	0.00E+00	3.88E-06	2.00E-06	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	3.88E-06
1387	ALL	462899.7	3773016	NonCancer	0.00E+00	6.68E-08	4.02E-06	0.00E+00	0.00E+00	4.05E-06	2.08E-06	0.00E+00	3.18E-06	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	4.05E-06
1388	ALL	462908.7	3773013	NonCancer	0.00E+00	7.15E-08	4.30E-06	0.00E+00	0.00E+00	4.33E-06	2.23E-06	0.00E+00	3.41E-06	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	4.33E-06
1389	ALL	462778	3773150	NonCancer	0.00E+00	4.13E-08	2.49E-06	0.00E+00	0.00E+00	2.51E-06	1.29E-06	0.00E+00	1.97E-06	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	2.51E-06
1390	ALL	462778.1	3773160	NonCancer	0.00E+00	4.13E-08	2.48E-06	0.00E+00	0.00E+00	2.50E-06	1.29E-06	0.00E+00	1.97E-06	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	2.50E-06
1391	ALL	462778.2	3773170	NonCancer	0.00E+00	4.19E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
1392	ALL	462778.3	3773180	NonCancer	0.00E+00	4.33E-08	2.60E-06	0.00E+00	0.00E+00	2.62E-06	1.35E-06	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	2.62E-06
1393	ALL	462778.4	3773190	NonCancer	0.00E+00	4.44E-08	2.67E-06	0.00E+00	0.00E+00	2.69E-06	1.38E-06	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	2.69E-06
1394	ALL	462778.5	3773200	NonCancer	0.00E+00	4.51E-08	2.71E-06	0.00E+00	0.00E+00	2.74E-06	1.41E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.74E-06
1395	ALL	462778.6	3773210	NonCancer	0.00E+00	4.57E-08	2.75E-06	0.00E+00	0.00E+00	2.77E-06	1.43E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.77E-06
1396	ALL	462778.6	3773220	NonCancer	0.00E+00	4.68E-08	2.81E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	2.84E-06
1397	ALL	462778.7	3773230	NonCancer	0.00E+00	4.68E-08	2.81E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	2.84E-06
1398	ALL	462778.8	3773240	NonCancer	0.00E+00	4.82E-08	2.90E-06	0.00E+00	0.00E+00	2.93E-06	1.51E-06	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	2.93E-06
1399	ALL	462761.6	3773142	NonCancer	0.00E+00	3.95E-08	2.38E-06	0.00E+00	0.00E+00	2.40E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	2.40E-06
1400	ALL	462765.1	3773133	NonCancer	0.00E+00	4.18E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
1401	ALL	462768.7	3773124	NonCancer	0.00E+00	4.29E-08	2.58E-06	0.00E+00	0.00E+00	2.60E-06	1.34E-06	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.60E-06
1402	ALL	462772.2	3773115	NonCancer	0.00E+00	4.23E-08	2.55E-06	0.00E+00	0.00E+00	2.57E-06	1.32E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.57E-06

1403	ALL	462775.8	3773106	NonCancer	0.00E+00	4.04E-08	2.43E-06	0.00E+00	0.00E+00	2.45E-06	1.26E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	2.45E-06
1404	ALL	462779.3	3773098	NonCancer	0.00E+00	4.42E-08	2.66E-06	0.00E+00	0.00E+00	2.68E-06	1.38E-06	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	2.68E-06
1405	ALL	462782.9	3773089	NonCancer	0.00E+00	5.04E-08	3.03E-06	0.00E+00	0.00E+00	3.06E-06	1.57E-06	0.00E+00	2.40E-06	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.06E-06
1406	ALL	462786.5	3773080	NonCancer	0.00E+00	5.61E-08	3.37E-06	0.00E+00	0.00E+00	3.40E-06	1.75E-06	0.00E+00	2.67E-06	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	3.40E-06
1407	ALL	462790	3773071	NonCancer	0.00E+00	6.05E-08	3.64E-06	0.00E+00	0.00E+00	3.67E-06	1.89E-06	0.00E+00	2.89E-06	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	3.67E-06
1408	ALL	462793.6	3773063	NonCancer	0.00E+00	6.65E-08	4.00E-06	0.00E+00	0.00E+00	4.03E-06	2.08E-06	0.00E+00	3.17E-06	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	4.03E-06
1409	ALL	462797.1	3773054	NonCancer	0.00E+00	7.35E-08	4.42E-06	0.00E+00	0.00E+00	4.46E-06	2.29E-06	0.00E+00	3.51E-06	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	4.46E-06
1410	ALL	462800.7	3773045	NonCancer	0.00E+00	7.86E-08	4.73E-06	0.00E+00	0.00E+00	4.76E-06	2.45E-06	0.00E+00	3.75E-06	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	4.76E-06
1411	ALL	462813	3773033	NonCancer	0.00E+00	8.35E-08	5.02E-06	0.00E+00	0.00E+00	5.06E-06	2.61E-06	0.00E+00	3.98E-06	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	5.06E-06
1412	ALL	462821.7	3773029	NonCancer	0.00E+00	8.34E-08	5.02E-06	0.00E+00	0.00E+00	5.06E-06	2.60E-06	0.00E+00	3.98E-06	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	5.06E-06
1413	ALL	462830.4	3773025	NonCancer	0.00E+00	8.05E-08	4.84E-06	0.00E+00	0.00E+00	4.88E-06	2.51E-06	0.00E+00	3.84E-06	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	4.88E-06
1414	ALL	462839.1	3773022	NonCancer	0.00E+00	7.50E-08	4.51E-06	0.00E+00	0.00E+00	4.55E-06	2.34E-06	0.00E+00	3.58E-06	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	4.55E-06
1415	ALL	462847.9	3773018	NonCancer	0.00E+00	6.75E-08	4.06E-06	0.00E+00	0.00E+00	4.09E-06	2.11E-06	0.00E+00	3.22E-06	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	4.09E-06
1416	ALL	462856.6	3773014	NonCancer	0.00E+00	6.20E-08	3.73E-06	0.00E+00	0.00E+00	3.76E-06	1.93E-06	0.00E+00	2.96E-06	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	3.76E-06
1417	ALL	462865.3	3773011	NonCancer	0.00E+00	5.78E-08	3.48E-06	0.00E+00	0.00E+00	3.50E-06	1.80E-06	0.00E+00	2.76E-06	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	3.50E-06
1418	ALL	462874	3773007	NonCancer	0.00E+00	5.75E-08	3.46E-06	0.00E+00	0.00E+00	3.49E-06	1.79E-06	0.00E+00	2.74E-06	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	3.49E-06
1419	ALL	462882.8	3773003	NonCancer	0.00E+00	5.74E-08	3.45E-06	0.00E+00	0.00E+00	3.48E-06	1.79E-06	0.00E+00	2.74E-06	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	3.48E-06
1420	ALL	462891.5	3773000	NonCancer	0.00E+00	6.03E-08	3.63E-06	0.00E+00	0.00E+00	3.66E-06	1.88E-06	0.00E+00	2.88E-06	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	3.66E-06
1421	ALL	462900.2	3772996	NonCancer	0.00E+00	6.32E-08	3.80E-06	0.00E+00	0.00E+00	3.83E-06	1.97E-06	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	3.83E-06
1422	ALL	462908.9	3772992	NonCancer	0.00E+00	7.33E-08	4.41E-06	0.00E+00	0.00E+00	4.45E-06	2.29E-06	0.00E+00	3.50E-06	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	4.45E-06
1423	ALL	462758	3773150	NonCancer	0.00E+00	3.74E-08	2.25E-06	0.00E+00	0.00E+00	2.27E-06	1.17E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.27E-06
1424	ALL	462758.1	3773160	NonCancer	0.00E+00	3.75E-08	2.26E-06	0.00E+00	0.00E+00	2.27E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.27E-06
1425	ALL	462758.2	3773170	NonCancer	0.00E+00	3.81E-08	2.29E-06	0.00E+00	0.00E+00	2.31E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.31E-06
1426	ALL	462758.3	3773180	NonCancer	0.00E+00	3.93E-08	2.36E-06	0.00E+00	0.00E+00	2.38E-06	1.23E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.38E-06
1427	ALL	462758.4	3773190	NonCancer	0.00E+00	4.00E-08	2.40E-06	0.00E+00	0.00E+00	2.42E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	2.42E-06
1428	ALL	462758.5	3773200	NonCancer	0.00E+00	4.01E-08	2.41E-06	0.00E+00	0.00E+00	2.43E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	2.43E-06
1429	ALL	462758.6	3773210	NonCancer	0.00E+00	4.09E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.27E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
1430	ALL	462758.6	3773220	NonCancer	0.00E+00	4.15E-08	2.50E-06	0.00E+00	0.00E+00	2.52E-06	1.30E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	2.52E-06
1431	ALL	462758.7	3773230	NonCancer	0.00E+00	4.13E-08	2.48E-06	0.00E+00	0.00E+00	2.50E-06	1.29E-06	0.00E+00	1.97E-06	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	2.50E-06
1432	ALL	462758.8	3773240	NonCancer	0.00E+00	4.14E-08	2.49E-06	0.00E+00	0.00E+00	2.51E-06	1.29E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	2.51E-06
1433	ALL	462745.4	3773132	NonCancer	0.00E+00	3.77E-08	2.27E-06	0.00E+00	0.00E+00	2.28E-06	1.18E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.28E-06
1434	ALL	462749.2	3773123	NonCancer	0.00E+00	3.90E-08	2.35E-06	0.00E+00	0.00E+00	2.37E-06	1.22E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.37E-06
1435	ALL	462752.9	3773114	NonCancer	0.00E+00	3.90E-08	2.35E-06	0.00E+00	0.00E+00	2.36E-06	1.22E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.36E-06
1436	ALL	462756.6	3773105	NonCancer	0.00E+00	3.75E-08	2.26E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.28E-06
1437	ALL	462760.3	3773096	NonCancer	0.00E+00	3.65E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
1438	ALL	462764	3773086	NonCancer	0.00E+00	4.12E-08	2.48E-06	0.00E+00	0.00E+00	2.50E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	2.50E-06
1439	ALL	462767.7	3773077	NonCancer	0.00E+00	4.68E-08	2.82E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	2.84E-06
1440	ALL	462771.4	3773068	NonCancer	0.00E+00	5.17E-08	3.11E-06	0.00E+00	0.00E+00	3.14E-06	1.61E-06	0.00E+00	2.47E-06	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.14E-06
1441	ALL	462775.2	3773059	NonCancer	0.00E+00	5.56E-08	3.35E-06	0.00E+00	0.00E+00	3.37E-06	1.74E-06	0.00E+00	2.65E-06	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	3.37E-06
1442	ALL	462778.9	3773050	NonCancer	0.00E+00	6.28E-08	3.78E-06	0.00E+00	0.00E+00	3.81E-06	1.96E-06	0.00E+00	3.00E-06	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	3.81E-06
1443	ALL	462782.6	3773041	NonCancer	0.00E+00	6.87E-08	4.13E-06	0.00E+00	0.00E+00	4.17E-06	2.14E-06	0.00E+00	3.28E-06	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	4.17E-06
1444	ALL	462786.3	3773031	NonCancer	0.00E+00	7.26E-08	4.37E-06	0.00E+00	0.00E+00	4.40E-06	2.27E-06	0.00E+00	3.46E-06	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	4.40E-06
1445	ALL	462799.1	3773018	NonCancer	0.00E+00	7.52E-08	4.52E-06	0.00E+00	0.00E+00	4.56E-06	2.35E-06	0.00E+00	3.58E-06	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	4.56E-06
1446	ALL	462808.2	3773015	NonCancer	0.00E+00	7.40E-08	4.45E-06	0.00E+00	0.00E+00	4.49E-06	2.31E-06	0.00E+00	3.53E-06	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	4.49E-06
1447	ALL	462817.4	3773011	NonCancer	0.00E+00	7.04E-08	4.23E-06	0.00E+00	0.00E+00	4.27E-06	2.20E-06	0.00E+00	3.36E-06	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	4.27E-06
1448	ALL	462826.5	3773007	NonCancer	0.00E+00	6.46E-08	3.89E-06	0.00E+00	0.00E+00	3.92E-06	2.02E-06	0.00E+00	3.08E-06	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	3.92E-06
1449	ALL	462835.6	3773003	NonCancer	0.00E+00	5.84E-08	3.52E-06	0.00E+00	0.00E+00	3.54E-06	1.82E-06	0.00E+00	2.79E-06	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	3.54E-06
1450	ALL	462844.7	3772999	NonCancer	0.00E+00	5.43E-08	3.26E-06	0.00E+00	0.00E+00	3.29E-06	1.69E-06	0.00E+00	2.59E-06	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	3.29E-06
1451	ALL	462853.8	3772996	NonCancer	0.00E+00	5.25E-08	3.16E-06	0.00E+00	0.00E+00	3.18E-06	1.64E-06	0.00E+00	2.50E-06	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.18E-06
1452	ALL	462862.9	3772992	NonCancer	0.00E+00	5.19E-08	3.12E-06	0.00E+00	0.00E+00	3.15E-06	1.62E-06	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.15E-06
1453	ALL	462872.1	3772988	NonCancer	0.00E+00	5.15E-08	3.10E-06	0.00E+00	0.00E+00	3.12E-06	1.61E-06	0.00E+00	2.45E-06	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	3.12E-06
1454	ALL	462881.2	3772984	NonCancer	0.00E+00	5.41E-08	3.25E-06	0.00E+00	0.00E+00	3.28E-06	1.69E-06	0.00E+00	2.58E-06	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	3.28E-06
1455	ALL	462890.3	3772980	NonCancer	0.00E+00	5.64E-08	3.40E-06	0.00E+00	0.00E+00	3.42E-06	1.76E-06	0.00E+00	2.69E-06	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.42E-06
1456	ALL	462899.4	3772976	NonCancer	0.00E+00	6.28E-08	3.78E-06	0.00E+00	0.00E+00	3.81E-06	1.96E-06	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	3.81E-06

1457	ALL	462908.5	3772973	NonCancer	0.00E+00	7.31E-08	4.40E-06	0.00E+00	0.00E+00	4.43E-06	2.28E-06	0.00E+00	3.49E-06	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	4.43E-06
1458	ALL	462721.6	3773142	NonCancer	0.00E+00	3.24E-08	1.95E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.96E-06
1459	ALL	462725.2	3773133	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
1460	ALL	462728.8	3773124	NonCancer	0.00E+00	3.53E-08	2.12E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.14E-06
1461	ALL	462746.9	3773079	NonCancer	0.00E+00	3.62E-08	2.18E-06	0.00E+00	0.00E+00	2.20E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.20E-06
1462	ALL	462750.5	3773071	NonCancer	0.00E+00	4.09E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.28E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
1463	ALL	462754.1	3773062	NonCancer	0.00E+00	4.53E-08	2.73E-06	0.00E+00	0.00E+00	2.75E-06	1.41E-06	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	2.75E-06
1464	ALL	462757.7	3773053	NonCancer	0.00E+00	4.89E-08	2.95E-06	0.00E+00	0.00E+00	2.97E-06	1.53E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	2.97E-06
1465	ALL	462761.3	3773044	NonCancer	0.00E+00	5.46E-08	3.29E-06	0.00E+00	0.00E+00	3.31E-06	1.71E-06	0.00E+00	2.61E-06	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	3.31E-06
1466	ALL	462765	3773035	NonCancer	0.00E+00	6.04E-08	3.63E-06	0.00E+00	0.00E+00	3.66E-06	1.88E-06	0.00E+00	2.88E-06	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	3.66E-06
1467	ALL	462768.6	3773026	NonCancer	0.00E+00	6.48E-08	3.90E-06	0.00E+00	0.00E+00	3.93E-06	2.02E-06	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	3.93E-06
1468	ALL	462772.2	3773017	NonCancer	0.00E+00	6.73E-08	4.05E-06	0.00E+00	0.00E+00	4.08E-06	2.10E-06	0.00E+00	3.21E-06	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	4.08E-06
1469	ALL	462784.7	3773005	NonCancer	0.00E+00	6.78E-08	4.08E-06	0.00E+00	0.00E+00	4.11E-06	2.12E-06	0.00E+00	3.24E-06	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	4.11E-06
1470	ALL	462793.5	3773001	NonCancer	0.00E+00	6.62E-08	3.98E-06	0.00E+00	0.00E+00	4.02E-06	2.07E-06	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	4.02E-06
1471	ALL	462802.4	3772997	NonCancer	0.00E+00	6.28E-08	3.78E-06	0.00E+00	0.00E+00	3.81E-06	1.96E-06	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	3.81E-06
1472	ALL	462811.2	3772993	NonCancer	0.00E+00	5.77E-08	3.47E-06	0.00E+00	0.00E+00	3.50E-06	1.80E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	3.50E-06
1473	ALL	462820.1	3772990	NonCancer	0.00E+00	5.30E-08	3.19E-06	0.00E+00	0.00E+00	3.21E-06	1.65E-06	0.00E+00	2.53E-06	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	3.21E-06
1474	ALL	462829	3772986	NonCancer	0.00E+00	4.94E-08	2.97E-06	0.00E+00	0.00E+00	3.00E-06	1.54E-06	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	3.00E-06
1475	ALL	462837.8	3772982	NonCancer	0.00E+00	4.79E-08	2.88E-06	0.00E+00	0.00E+00	2.90E-06	1.49E-06	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	2.90E-06
1476	ALL	462846.7	3772979	NonCancer	0.00E+00	4.77E-08	2.87E-06	0.00E+00	0.00E+00	2.89E-06	1.49E-06	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	2.89E-06
1477	ALL	462855.6	3772975	NonCancer	0.00E+00	4.65E-08	2.80E-06	0.00E+00	0.00E+00	2.82E-06	1.45E-06	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	2.82E-06
1478	ALL	462864.4	3772971	NonCancer	0.00E+00	4.68E-08	2.82E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	2.84E-06
1479	ALL	462873.3	3772967	NonCancer	0.00E+00	4.93E-08	2.97E-06	0.00E+00	0.00E+00	2.99E-06	1.54E-06	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	2.99E-06
1480	ALL	462882.1	3772964	NonCancer	0.00E+00	5.11E-08	3.07E-06	0.00E+00	0.00E+00	3.10E-06	1.59E-06	0.00E+00	2.44E-06	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.10E-06
1481	ALL	462891	3772960	NonCancer	0.00E+00	5.52E-08	3.32E-06	0.00E+00	0.00E+00	3.35E-06	1.72E-06	0.00E+00	2.63E-06	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	3.35E-06
1482	ALL	462899.9	3772956	NonCancer	0.00E+00	6.39E-08	3.84E-06	0.00E+00	0.00E+00	3.87E-06	1.99E-06	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	3.87E-06
1483	ALL	462908.7	3772953	NonCancer	0.00E+00	7.20E-08	4.33E-06	0.00E+00	0.00E+00	4.36E-06	2.25E-06	0.00E+00	3.43E-06	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	4.36E-06
1484	ALL	462718	3773151	NonCancer	0.00E+00	3.11E-08	1.87E-06	0.00E+00	0.00E+00	1.89E-06	9.70E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.89E-06
1485	ALL	462718.1	3773161	NonCancer	0.00E+00	3.19E-08	1.92E-06	0.00E+00	0.00E+00	1.93E-06	9.95E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.93E-06
1486	ALL	462718.2	3773171	NonCancer	0.00E+00	3.30E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
1487	ALL	462718.3	3773181	NonCancer	0.00E+00	3.31E-08	1.99E-06	0.00E+00	0.00E+00	2.01E-06	1.03E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.01E-06
1488	ALL	462718.4	3773190	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	1.99E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	1.99E-06
1489	ALL	462718.5	3773200	NonCancer	0.00E+00	3.23E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
1490	ALL	462718.6	3773210	NonCancer	0.00E+00	3.30E-08	1.99E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.00E-06
1491	ALL	462718.7	3773220	NonCancer	0.00E+00	3.34E-08	2.01E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.02E-06
1492	ALL	462718.7	3773230	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
1493	ALL	462718.8	3773240	NonCancer	0.00E+00	3.40E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
1494	ALL	462701.8	3773142	NonCancer	0.00E+00	2.97E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.26E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06
1495	ALL	462705.5	3773132	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.86E-06	9.56E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.86E-06
1496	ALL	462709.2	3773123	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
1497	ALL	462713	3773114	NonCancer	0.00E+00	3.30E-08	1.99E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.00E-06
1498	ALL	462716.7	3773105	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
1499	ALL	462720.4	3773096	NonCancer	0.00E+00	3.18E-08	1.91E-06	0.00E+00	0.00E+00	1.93E-06	9.93E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.93E-06
1500	ALL	462724.2	3773086	NonCancer	0.00E+00	3.08E-08	1.85E-06	0.00E+00	0.00E+00	1.87E-06	9.60E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.87E-06
1501	ALL	462727.9	3773077	NonCancer	0.00E+00	3.03E-08	1.82E-06	0.00E+00	0.00E+00	1.84E-06	9.45E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.84E-06
1502	ALL	462731.7	3773068	NonCancer	0.00E+00	3.40E-08	2.05E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.06E-06
1503	ALL	462735.4	3773059	NonCancer	0.00E+00	3.83E-08	2.30E-06	0.00E+00	0.00E+00	2.32E-06	1.19E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.32E-06
1504	ALL	462739.1	3773049	NonCancer	0.00E+00	4.22E-08	2.54E-06	0.00E+00	0.00E+00	2.56E-06	1.32E-06	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	2.56E-06
1505	ALL	462742.9	3773040	NonCancer	0.00E+00	4.61E-08	2.77E-06	0.00E+00	0.00E+00	2.79E-06	1.44E-06	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	2.79E-06
1506	ALL	462746.6	3773031	NonCancer	0.00E+00	5.20E-08	3.13E-06	0.00E+00	0.00E+00	3.15E-06	1.62E-06	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.15E-06
1507	ALL	462750.4	3773022	NonCancer	0.00E+00	5.70E-08	3.43E-06	0.00E+00	0.00E+00	3.46E-06	1.78E-06	0.00E+00	2.72E-06	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	3.46E-06
1508	ALL	462754.1	3773013	NonCancer	0.00E+00	6.06E-08	3.64E-06	0.00E+00	0.00E+00	3.67E-06	1.89E-06	0.00E+00	2.89E-06	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	3.67E-06
1509	ALL	462757.8	3773003	NonCancer	0.00E+00	6.22E-08	3.74E-06	0.00E+00	0.00E+00	3.77E-06	1.94E-06	0.00E+00	2.97E-06	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	3.77E-06
1510	ALL	462770.7	3772990	NonCancer	0.00E+00	6.14E-08	3.69E-06	0.00E+00	0.00E+00	3.72E-06	1.92E-06	0.00E+00	2.93E-06	0.00E+00	0.00E+00	3.69E-06	0.00E+00	0.00E+00	3.72E-06

1511	ALL	462779.9	3772986	NonCancer	0.00E+00	5.93E-08	3.56E-06	0.00E+00	0.00E+00	3.59E-06	1.85E-06	0.00E+00	2.83E-06	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	3.59E-06
1512	ALL	462789.1	3772983	NonCancer	0.00E+00	5.56E-08	3.34E-06	0.00E+00	0.00E+00	3.37E-06	1.73E-06	0.00E+00	2.65E-06	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	3.37E-06
1513	ALL	462798.3	3772979	NonCancer	0.00E+00	5.06E-08	3.05E-06	0.00E+00	0.00E+00	3.07E-06	1.58E-06	0.00E+00	2.42E-06	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.07E-06
1514	ALL	462807.4	3772975	NonCancer	0.00E+00	4.74E-08	2.85E-06	0.00E+00	0.00E+00	2.88E-06	1.48E-06	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	2.88E-06
1515	ALL	462816.6	3772971	NonCancer	0.00E+00	4.43E-08	2.66E-06	0.00E+00	0.00E+00	2.68E-06	1.38E-06	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	2.68E-06
1516	ALL	462825.8	3772967	NonCancer	0.00E+00	4.40E-08	2.65E-06	0.00E+00	0.00E+00	2.67E-06	1.37E-06	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	2.67E-06
1517	ALL	462835	3772963	NonCancer	0.00E+00	4.37E-08	2.63E-06	0.00E+00	0.00E+00	2.65E-06	1.36E-06	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	2.65E-06
1518	ALL	462844.1	3772960	NonCancer	0.00E+00	4.25E-08	2.56E-06	0.00E+00	0.00E+00	2.58E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.58E-06
1519	ALL	462853.3	3772956	NonCancer	0.00E+00	4.25E-08	2.56E-06	0.00E+00	0.00E+00	2.58E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.58E-06
1520	ALL	462862.5	3772952	NonCancer	0.00E+00	4.45E-08	2.68E-06	0.00E+00	0.00E+00	2.70E-06	1.39E-06	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	2.70E-06
1521	ALL	462871.7	3772948	NonCancer	0.00E+00	4.61E-08	2.78E-06	0.00E+00	0.00E+00	2.80E-06	1.44E-06	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	2.80E-06
1522	ALL	462880.8	3772944	NonCancer	0.00E+00	4.79E-08	2.88E-06	0.00E+00	0.00E+00	2.90E-06	1.49E-06	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	2.90E-06
1523	ALL	462890	3772940	NonCancer	0.00E+00	5.51E-08	3.32E-06	0.00E+00	0.00E+00	3.34E-06	1.72E-06	0.00E+00	2.63E-06	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	3.34E-06
1524	ALL	462899.2	3772937	NonCancer	0.00E+00	6.27E-08	3.77E-06	0.00E+00	0.00E+00	3.80E-06	1.96E-06	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	3.80E-06
1525	ALL	462908.4	3772933	NonCancer	0.00E+00	6.94E-08	4.17E-06	0.00E+00	0.00E+00	4.21E-06	2.17E-06	0.00E+00	3.31E-06	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	4.21E-06
1526	ALL	462698	3773151	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.75E-06	9.00E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.75E-06
1527	ALL	462698.1	3773161	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.81E-06	9.30E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.81E-06
1528	ALL	462698.2	3773171	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.86E-06	9.55E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.86E-06
1529	ALL	462698.3	3773181	NonCancer	0.00E+00	3.05E-08	1.84E-06	0.00E+00	0.00E+00	1.85E-06	9.51E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.85E-06
1530	ALL	462698.4	3773191	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.33E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
1531	ALL	462698.5	3773201	NonCancer	0.00E+00	2.95E-08	1.77E-06	0.00E+00	0.00E+00	1.79E-06	9.20E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.79E-06
1532	ALL	462698.6	3773211	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.34E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
1533	ALL	462698.7	3773221	NonCancer	0.00E+00	3.04E-08	1.83E-06	0.00E+00	0.00E+00	1.84E-06	9.47E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.84E-06
1534	ALL	462698.7	3773230	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.86E-06	9.56E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.86E-06
1535	ALL	462698.8	3773240	NonCancer	0.00E+00	3.15E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.82E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
1536	ALL	462681.7	3773142	NonCancer	0.00E+00	2.75E-08	1.65E-06	0.00E+00	0.00E+00	1.67E-06	8.57E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.67E-06
1537	ALL	462685.3	3773133	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.85E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
1538	ALL	462689	3773124	NonCancer	0.00E+00	2.90E-08	1.74E-06	0.00E+00	0.00E+00	1.76E-06	9.04E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.76E-06
1539	ALL	462692.6	3773115	NonCancer	0.00E+00	3.02E-08	1.82E-06	0.00E+00	0.00E+00	1.83E-06	9.43E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.83E-06
1540	ALL	462696.3	3773106	NonCancer	0.00E+00	3.07E-08	1.85E-06	0.00E+00	0.00E+00	1.86E-06	9.58E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.86E-06
1541	ALL	462699.9	3773097	NonCancer	0.00E+00	3.03E-08	1.82E-06	0.00E+00	0.00E+00	1.84E-06	9.46E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.84E-06
1542	ALL	462703.6	3773088	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.77E-06	9.08E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.77E-06
1543	ALL	462707.2	3773079	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.91E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
1544	ALL	462710.9	3773070	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.67E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
1545	ALL	462714.5	3773061	NonCancer	0.00E+00	3.02E-08	1.82E-06	0.00E+00	0.00E+00	1.83E-06	9.43E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.83E-06
1546	ALL	462718.2	3773052	NonCancer	0.00E+00	3.37E-08	2.03E-06	0.00E+00	0.00E+00	2.05E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.05E-06
1547	ALL	462721.8	3773043	NonCancer	0.00E+00	3.73E-08	2.24E-06	0.00E+00	0.00E+00	2.26E-06	1.16E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.26E-06
1548	ALL	462725.5	3773034	NonCancer	0.00E+00	4.04E-08	2.43E-06	0.00E+00	0.00E+00	2.45E-06	1.26E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	2.45E-06
1549	ALL	462729.1	3773025	NonCancer	0.00E+00	4.58E-08	2.75E-06	0.00E+00	0.00E+00	2.78E-06	1.43E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.78E-06
1550	ALL	462732.8	3773016	NonCancer	0.00E+00	5.06E-08	3.04E-06	0.00E+00	0.00E+00	3.07E-06	1.58E-06	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.07E-06
1551	ALL	462736.4	3773007	NonCancer	0.00E+00	5.44E-08	3.27E-06	0.00E+00	0.00E+00	3.30E-06	1.70E-06	0.00E+00	2.60E-06	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	3.30E-06
1552	ALL	462740.1	3772998	NonCancer	0.00E+00	5.69E-08	3.42E-06	0.00E+00	0.00E+00	3.45E-06	1.77E-06	0.00E+00	2.71E-06	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	3.45E-06
1553	ALL	462743.7	3772989	NonCancer	0.00E+00	5.76E-08	3.47E-06	0.00E+00	0.00E+00	3.49E-06	1.80E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	3.49E-06
1554	ALL	462756.3	3772976	NonCancer	0.00E+00	5.58E-08	3.36E-06	0.00E+00	0.00E+00	3.38E-06	1.74E-06	0.00E+00	2.66E-06	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	3.38E-06
1555	ALL	462765.3	3772973	NonCancer	0.00E+00	5.36E-08	3.22E-06	0.00E+00	0.00E+00	3.25E-06	1.67E-06	0.00E+00	2.56E-06	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	3.25E-06
1556	ALL	462774.2	3772969	NonCancer	0.00E+00	5.02E-08	3.02E-06	0.00E+00	0.00E+00	3.04E-06	1.57E-06	0.00E+00	2.39E-06	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.04E-06
1557	ALL	462783.2	3772965	NonCancer	0.00E+00	4.61E-08	2.77E-06	0.00E+00	0.00E+00	2.79E-06	1.44E-06	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	2.79E-06
1558	ALL	462792.1	3772961	NonCancer	0.00E+00	4.35E-08	2.62E-06	0.00E+00	0.00E+00	2.64E-06	1.36E-06	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	2.64E-06
1559	ALL	462801.1	3772958	NonCancer	0.00E+00	4.08E-08	2.45E-06	0.00E+00	0.00E+00	2.47E-06	1.27E-06	0.00E+00	1.94E-06	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	2.47E-06
1560	ALL	462810	3772954	NonCancer	0.00E+00	4.07E-08	2.45E-06	0.00E+00	0.00E+00	2.47E-06	1.27E-06	0.00E+00	1.94E-06	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	2.47E-06
1561	ALL	462819	3772950	NonCancer	0.00E+00	4.04E-08	2.43E-06	0.00E+00	0.00E+00	2.45E-06	1.26E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	2.45E-06
1562	ALL	462827.9	3772946	NonCancer	0.00E+00	3.97E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
1563	ALL	462836.9	3772943	NonCancer	0.00E+00	3.87E-08	2.33E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.35E-06
1564	ALL	462845.9	3772939	NonCancer	0.00E+00	3.92E-08	2.36E-06	0.00E+00	0.00E+00	2.38E-06	1.22E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.38E-06

1565	ALL	462854.8	3772935	NonCancer	0.00E+00	4.10E-08	2.47E-06	0.00E+00	0.00E+00	2.48E-06	1.28E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.48E-06
1566	ALL	462863.8	3772931	NonCancer	0.00E+00	4.21E-08	2.54E-06	0.00E+00	0.00E+00	2.56E-06	1.32E-06	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	2.56E-06
1567	ALL	462872.7	3772928	NonCancer	0.00E+00	4.30E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
1568	ALL	462881.7	3772924	NonCancer	0.00E+00	4.90E-08	2.95E-06	0.00E+00	0.00E+00	2.97E-06	1.53E-06	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	2.97E-06
1569	ALL	462890.6	3772920	NonCancer	0.00E+00	5.57E-08	3.35E-06	0.00E+00	0.00E+00	3.38E-06	1.74E-06	0.00E+00	2.66E-06	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	3.38E-06
1570	ALL	462899.6	3772916	NonCancer	0.00E+00	6.19E-08	3.72E-06	0.00E+00	0.00E+00	3.75E-06	1.93E-06	0.00E+00	2.95E-06	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	3.75E-06
1571	ALL	462908.5	3772913	NonCancer	0.00E+00	6.70E-08	4.03E-06	0.00E+00	0.00E+00	4.06E-06	2.09E-06	0.00E+00	3.20E-06	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	4.06E-06
1572	ALL	462678	3773151	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.65E-06	8.46E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.65E-06
1573	ALL	462678.1	3773161	NonCancer	0.00E+00	2.80E-08	1.69E-06	0.00E+00	0.00E+00	1.70E-06	8.74E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.70E-06
1574	ALL	462678.2	3773171	NonCancer	0.00E+00	2.85E-08	1.71E-06	0.00E+00	0.00E+00	1.73E-06	8.88E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.73E-06
1575	ALL	462678.3	3773181	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.79E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
1576	ALL	462678.4	3773191	NonCancer	0.00E+00	2.73E-08	1.64E-06	0.00E+00	0.00E+00	1.66E-06	8.53E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.66E-06
1577	ALL	462678.5	3773201	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.49E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
1578	ALL	462678.6	3773211	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.56E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
1579	ALL	462678.7	3773221	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.65E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
1580	ALL	462678.7	3773231	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.70E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
1581	ALL	462678.8	3773241	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.00E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
1582	ALL	462661.6	3773142	NonCancer	0.00E+00	2.55E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.97E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
1583	ALL	462665.2	3773134	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.20E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
1584	ALL	462668.7	3773125	NonCancer	0.00E+00	2.68E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.38E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
1585	ALL	462672.3	3773116	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.60E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
1586	ALL	462675.9	3773107	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.86E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
1587	ALL	462679.5	3773098	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.90E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
1588	ALL	462683.1	3773089	NonCancer	0.00E+00	2.80E-08	1.68E-06	0.00E+00	0.00E+00	1.70E-06	8.72E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.70E-06
1589	ALL	462686.6	3773081	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.40E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
1590	ALL	462690.2	3773072	NonCancer	0.00E+00	2.65E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.28E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
1591	ALL	462693.8	3773063	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.57E-06	8.05E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.57E-06
1592	ALL	462697.4	3773054	NonCancer	0.00E+00	2.70E-08	1.62E-06	0.00E+00	0.00E+00	1.64E-06	8.42E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.64E-06
1593	ALL	462700.9	3773045	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.34E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
1594	ALL	462704.5	3773037	NonCancer	0.00E+00	3.31E-08	1.99E-06	0.00E+00	0.00E+00	2.01E-06	1.03E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.01E-06
1595	ALL	462708.1	3773028	NonCancer	0.00E+00	3.60E-08	2.17E-06	0.00E+00	0.00E+00	2.19E-06	1.12E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.19E-06
1596	ALL	462711.7	3773019	NonCancer	0.00E+00	4.03E-08	2.43E-06	0.00E+00	0.00E+00	2.45E-06	1.26E-06	0.00E+00	1.92E-06	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	2.45E-06
1597	ALL	462715.2	3773010	NonCancer	0.00E+00	4.49E-08	2.70E-06	0.00E+00	0.00E+00	2.72E-06	1.40E-06	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	2.72E-06
1598	ALL	462718.8	3773001	NonCancer	0.00E+00	4.88E-08	2.93E-06	0.00E+00	0.00E+00	2.96E-06	1.52E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	2.96E-06
1599	ALL	462722.4	3772992	NonCancer	0.00E+00	5.16E-08	3.11E-06	0.00E+00	0.00E+00	3.13E-06	1.61E-06	0.00E+00	2.46E-06	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.13E-06
1600	ALL	462726	3772984	NonCancer	0.00E+00	5.32E-08	3.20E-06	0.00E+00	0.00E+00	3.23E-06	1.66E-06	0.00E+00	2.54E-06	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	3.23E-06
1601	ALL	462729.6	3772975	NonCancer	0.00E+00	5.34E-08	3.21E-06	0.00E+00	0.00E+00	3.24E-06	1.67E-06	0.00E+00	2.54E-06	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	3.24E-06
1602	ALL	462741.9	3772962	NonCancer	0.00E+00	5.08E-08	3.06E-06	0.00E+00	0.00E+00	3.08E-06	1.59E-06	0.00E+00	2.42E-06	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	3.08E-06
1603	ALL	462750.7	3772959	NonCancer	0.00E+00	4.86E-08	2.92E-06	0.00E+00	0.00E+00	2.95E-06	1.52E-06	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	2.95E-06
1604	ALL	462759.5	3772955	NonCancer	0.00E+00	4.55E-08	2.73E-06	0.00E+00	0.00E+00	2.76E-06	1.42E-06	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	2.76E-06
1605	ALL	462768.2	3772951	NonCancer	0.00E+00	4.20E-08	2.53E-06	0.00E+00	0.00E+00	2.55E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	2.55E-06
1606	ALL	462777	3772948	NonCancer	0.00E+00	4.00E-08	2.41E-06	0.00E+00	0.00E+00	2.43E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	2.43E-06
1607	ALL	462785.8	3772944	NonCancer	0.00E+00	3.78E-08	2.27E-06	0.00E+00	0.00E+00	2.29E-06	1.18E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.29E-06
1608	ALL	462794.6	3772940	NonCancer	0.00E+00	3.77E-08	2.27E-06	0.00E+00	0.00E+00	2.29E-06	1.18E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.29E-06
1609	ALL	462803.4	3772937	NonCancer	0.00E+00	3.74E-08	2.25E-06	0.00E+00	0.00E+00	2.27E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.27E-06
1610	ALL	462812.1	3772933	NonCancer	0.00E+00	3.70E-08	2.23E-06	0.00E+00	0.00E+00	2.24E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.24E-06
1611	ALL	462820.9	3772929	NonCancer	0.00E+00	3.61E-08	2.17E-06	0.00E+00	0.00E+00	2.19E-06	1.13E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.19E-06
1612	ALL	462829.7	3772926	NonCancer	0.00E+00	3.54E-08	2.13E-06	0.00E+00	0.00E+00	2.15E-06	1.10E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.15E-06
1613	ALL	462838.5	3772922	NonCancer	0.00E+00	3.64E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.14E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
1614	ALL	462847.2	3772918	NonCancer	0.00E+00	3.77E-08	2.27E-06	0.00E+00	0.00E+00	2.29E-06	1.18E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.29E-06
1615	ALL	462856	3772915	NonCancer	0.00E+00	3.86E-08	2.32E-06	0.00E+00	0.00E+00	2.34E-06	1.21E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.34E-06
1616	ALL	462864.8	3772911	NonCancer	0.00E+00	3.91E-08	2.35E-06	0.00E+00	0.00E+00	2.37E-06	1.22E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.37E-06
1617	ALL	462873.6	3772907	NonCancer	0.00E+00	4.42E-08	2.66E-06	0.00E+00	0.00E+00	2.68E-06	1.38E-06	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	2.68E-06
1618	ALL	462882.4	3772904	NonCancer	0.00E+00	5.03E-08	3.02E-06	0.00E+00	0.00E+00	3.05E-06	1.57E-06	0.00E+00	2.40E-06	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.05E-06

1619	ALL	462891.1	3772900	NonCancer	0.00E+00	5.59E-08	3.36E-06	0.00E+00	0.00E+00	3.39E-06	1.75E-06	0.00E+00	2.67E-06	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	3.39E-06
1620	ALL	462658	3773151	NonCancer	0.00E+00	2.57E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.03E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
1621	ALL	462658.1	3773161	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.20E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
1622	ALL	462658.2	3773171	NonCancer	0.00E+00	2.65E-08	1.59E-06	0.00E+00	0.00E+00	1.61E-06	8.26E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.61E-06
1623	ALL	462658.3	3773181	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.13E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
1624	ALL	462658.4	3773191	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.53E-06	7.85E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.53E-06
1625	ALL	462658.5	3773201	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.84E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
1626	ALL	462658.6	3773211	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.82E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
1627	ALL	462658.7	3773221	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.54E-06	7.91E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.54E-06
1628	ALL	462658.7	3773231	NonCancer	0.00E+00	2.57E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.03E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
1629	ALL	462658.8	3773241	NonCancer	0.00E+00	2.65E-08	1.59E-06	0.00E+00	0.00E+00	1.61E-06	8.27E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.61E-06
1630	ALL	462641.7	3773142	NonCancer	0.00E+00	2.40E-08	1.44E-06	0.00E+00	0.00E+00	1.46E-06	7.49E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.46E-06
1631	ALL	462645.4	3773133	NonCancer	0.00E+00	2.45E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.63E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
1632	ALL	462649	3773124	NonCancer	0.00E+00	2.50E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.81E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
1633	ALL	462652.7	3773115	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.54E-06	7.90E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.54E-06
1634	ALL	462656.4	3773106	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.60E-06	8.21E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.60E-06
1635	ALL	462660.1	3773097	NonCancer	0.00E+00	2.67E-08	1.60E-06	0.00E+00	0.00E+00	1.62E-06	8.32E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.62E-06
1636	ALL	462663.8	3773088	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.23E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
1637	ALL	462667.4	3773079	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.93E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
1638	ALL	462671.1	3773070	NonCancer	0.00E+00	2.50E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.81E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
1639	ALL	462674.8	3773061	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.62E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
1640	ALL	462678.5	3773052	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.40E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
1641	ALL	462682.1	3773043	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.56E-06	8.00E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.56E-06
1642	ALL	462685.8	3773034	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.84E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
1643	ALL	462689.5	3773024	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.89E-06	9.75E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.89E-06
1644	ALL	462693.2	3773015	NonCancer	0.00E+00	3.42E-08	2.06E-06	0.00E+00	0.00E+00	2.07E-06	1.07E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.07E-06
1645	ALL	462696.8	3773006	NonCancer	0.00E+00	3.87E-08	2.33E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.35E-06
1646	ALL	462700.5	3772997	NonCancer	0.00E+00	4.28E-08	2.58E-06	0.00E+00	0.00E+00	2.60E-06	1.34E-06	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.60E-06
1647	ALL	462704.2	3772988	NonCancer	0.00E+00	4.63E-08	2.78E-06	0.00E+00	0.00E+00	2.81E-06	1.44E-06	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	2.81E-06
1648	ALL	462707.9	3772979	NonCancer	0.00E+00	4.87E-08	2.93E-06	0.00E+00	0.00E+00	2.95E-06	1.52E-06	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	2.95E-06
1649	ALL	462711.6	3772970	NonCancer	0.00E+00	4.98E-08	2.99E-06	0.00E+00	0.00E+00	3.02E-06	1.55E-06	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.02E-06
1650	ALL	462715.2	3772961	NonCancer	0.00E+00	4.94E-08	2.97E-06	0.00E+00	0.00E+00	3.00E-06	1.54E-06	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	3.00E-06
1651	ALL	462727.9	3772948	NonCancer	0.00E+00	4.63E-08	2.78E-06	0.00E+00	0.00E+00	2.81E-06	1.44E-06	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	2.81E-06
1652	ALL	462737	3772944	NonCancer	0.00E+00	4.40E-08	2.64E-06	0.00E+00	0.00E+00	2.67E-06	1.37E-06	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	2.67E-06
1653	ALL	462746	3772941	NonCancer	0.00E+00	4.09E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.27E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
1654	ALL	462755	3772937	NonCancer	0.00E+00	3.84E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
1655	ALL	462764	3772933	NonCancer	0.00E+00	3.65E-08	2.20E-06	0.00E+00	0.00E+00	2.21E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.21E-06
1656	ALL	462773	3772929	NonCancer	0.00E+00	3.52E-08	2.12E-06	0.00E+00	0.00E+00	2.13E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.13E-06
1657	ALL	462782.1	3772926	NonCancer	0.00E+00	3.51E-08	2.11E-06	0.00E+00	0.00E+00	2.13E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.13E-06
1658	ALL	462791.1	3772922	NonCancer	0.00E+00	3.48E-08	2.09E-06	0.00E+00	0.00E+00	2.11E-06	1.09E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.11E-06
1659	ALL	462800.1	3772918	NonCancer	0.00E+00	3.43E-08	2.07E-06	0.00E+00	0.00E+00	2.08E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.08E-06
1660	ALL	462809.1	3772914	NonCancer	0.00E+00	3.35E-08	2.02E-06	0.00E+00	0.00E+00	2.03E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.03E-06
1661	ALL	462818.2	3772910	NonCancer	0.00E+00	3.26E-08	1.96E-06	0.00E+00	0.00E+00	1.98E-06	1.02E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.98E-06
1662	ALL	462827.2	3772907	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.01E-06	1.04E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.01E-06
1663	ALL	462836.2	3772903	NonCancer	0.00E+00	3.45E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.08E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06
1664	ALL	462845.2	3772899	NonCancer	0.00E+00	3.53E-08	2.13E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.14E-06
1665	ALL	462638	3773151	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.48E-06	7.59E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.48E-06
1666	ALL	462638.1	3773161	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.50E-06	7.69E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.50E-06
1667	ALL	462638.2	3773171	NonCancer	0.00E+00	2.47E-08	1.48E-06	0.00E+00	0.00E+00	1.50E-06	7.69E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.50E-06
1668	ALL	462638.3	3773181	NonCancer	0.00E+00	2.41E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.53E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
1669	ALL	462638.4	3773191	NonCancer	0.00E+00	2.35E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.33E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
1670	ALL	462638.5	3773201	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.25E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
1671	ALL	462638.6	3773211	NonCancer	0.00E+00	2.30E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.17E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
1672	ALL	462638.7	3773221	NonCancer	0.00E+00	2.32E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.23E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06

1673	ALL	462638.7	3773231	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.43E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
1674	ALL	462638.8	3773241	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.61E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
1675	ALL	462628.9	3773125	NonCancer	0.00E+00	2.33E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.27E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
1676	ALL	462632.5	3773116	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.37E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
1677	ALL	462636.1	3773107	NonCancer	0.00E+00	2.42E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.56E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
1678	ALL	462639.7	3773098	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.76E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
1679	ALL	462643.3	3773089	NonCancer	0.00E+00	2.50E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.79E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
1680	ALL	462646.9	3773080	NonCancer	0.00E+00	2.45E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.63E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
1681	ALL	462650.5	3773071	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.39E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
1682	ALL	462654.1	3773063	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.31E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
1683	ALL	462657.7	3773054	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.13E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
1684	ALL	462661.4	3773045	NonCancer	0.00E+00	2.22E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.93E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
1685	ALL	462665	3773036	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.25E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
1686	ALL	462668.6	3773027	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.94E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
1687	ALL	462672.2	3773018	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.70E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
1688	ALL	462675.8	3773009	NonCancer	0.00E+00	3.03E-08	1.82E-06	0.00E+00	0.00E+00	1.84E-06	9.46E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.84E-06
1689	ALL	462679.4	3773000	NonCancer	0.00E+00	3.43E-08	2.06E-06	0.00E+00	0.00E+00	2.08E-06	1.07E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.08E-06
1690	ALL	462683	3772991	NonCancer	0.00E+00	3.82E-08	2.30E-06	0.00E+00	0.00E+00	2.32E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.32E-06
1691	ALL	462686.6	3772982	NonCancer	0.00E+00	4.16E-08	2.51E-06	0.00E+00	0.00E+00	2.53E-06	1.30E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	2.53E-06
1692	ALL	462690.2	3772974	NonCancer	0.00E+00	4.43E-08	2.67E-06	0.00E+00	0.00E+00	2.69E-06	1.38E-06	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	2.69E-06
1693	ALL	462693.9	3772965	NonCancer	0.00E+00	4.60E-08	2.77E-06	0.00E+00	0.00E+00	2.79E-06	1.43E-06	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	2.79E-06
1694	ALL	462697.5	3772956	NonCancer	0.00E+00	4.64E-08	2.79E-06	0.00E+00	0.00E+00	2.81E-06	1.45E-06	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	2.81E-06
1695	ALL	462701.1	3772947	NonCancer	0.00E+00	4.57E-08	2.75E-06	0.00E+00	0.00E+00	2.77E-06	1.43E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.77E-06
1696	ALL	462713.5	3772934	NonCancer	0.00E+00	4.24E-08	2.55E-06	0.00E+00	0.00E+00	2.57E-06	1.32E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.57E-06
1697	ALL	462722.4	3772930	NonCancer	0.00E+00	4.01E-08	2.42E-06	0.00E+00	0.00E+00	2.43E-06	1.25E-06	0.00E+00	1.92E-06	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	2.43E-06
1698	ALL	462731.3	3772927	NonCancer	0.00E+00	3.73E-08	2.25E-06	0.00E+00	0.00E+00	2.26E-06	1.17E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.26E-06
1699	ALL	462740.1	3772923	NonCancer	0.00E+00	3.55E-08	2.14E-06	0.00E+00	0.00E+00	2.15E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.15E-06
1700	ALL	462749	3772919	NonCancer	0.00E+00	3.39E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
1701	ALL	462757.9	3772916	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	1.99E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	1.99E-06
1702	ALL	462766.7	3772912	NonCancer	0.00E+00	3.28E-08	1.97E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.99E-06
1703	ALL	462775.6	3772908	NonCancer	0.00E+00	3.24E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
1704	ALL	462784.4	3772905	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
1705	ALL	462793.3	3772901	NonCancer	0.00E+00	3.15E-08	1.90E-06	0.00E+00	0.00E+00	1.91E-06	9.84E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.91E-06
1706	ALL	462802.2	3772897	NonCancer	0.00E+00	3.05E-08	1.83E-06	0.00E+00	0.00E+00	1.85E-06	9.51E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.85E-06
1707	ALL	462890.8	3772860	NonCancer	0.00E+00	5.34E-08	3.21E-06	0.00E+00	0.00E+00	3.24E-06	1.67E-06	0.00E+00	2.55E-06	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	3.24E-06
1708	ALL	462899.7	3772856	NonCancer	0.00E+00	5.62E-08	3.38E-06	0.00E+00	0.00E+00	3.41E-06	1.75E-06	0.00E+00	2.68E-06	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	3.41E-06
1709	ALL	462908.5	3772853	NonCancer	0.00E+00	5.77E-08	3.47E-06	0.00E+00	0.00E+00	3.50E-06	1.80E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	3.50E-06
1710	ALL	462591.7	3773143	NonCancer	0.00E+00	2.13E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.63E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
1711	ALL	462595.4	3773134	NonCancer	0.00E+00	2.10E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.54E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
1712	ALL	462599	3773125	NonCancer	0.00E+00	2.12E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.60E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
1713	ALL	462602.7	3773116	NonCancer	0.00E+00	2.15E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.70E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
1714	ALL	462606.4	3773107	NonCancer	0.00E+00	2.17E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.76E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
1715	ALL	462628.4	3773052	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.68E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
1716	ALL	462632	3773043	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.51E-07	0.00E+00	9.94E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
1717	ALL	462635.7	3773034	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.32E-07	0.00E+00	9.66E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
1718	ALL	462639.4	3773025	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.39E-07	0.00E+00	9.77E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
1719	ALL	462643	3773016	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.84E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
1720	ALL	462646.7	3773007	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.45E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
1721	ALL	462650.4	3772998	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.59E-06	8.15E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.59E-06
1722	ALL	462654	3772989	NonCancer	0.00E+00	2.94E-08	1.77E-06	0.00E+00	0.00E+00	1.78E-06	9.16E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.78E-06
1723	ALL	462657.7	3772980	NonCancer	0.00E+00	3.30E-08	1.99E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.00E-06
1724	ALL	462661.4	3772971	NonCancer	0.00E+00	3.63E-08	2.19E-06	0.00E+00	0.00E+00	2.20E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.20E-06
1725	ALL	462665	3772962	NonCancer	0.00E+00	3.91E-08	2.35E-06	0.00E+00	0.00E+00	2.37E-06	1.22E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.37E-06
1726	ALL	462668.7	3772953	NonCancer	0.00E+00	4.10E-08	2.47E-06	0.00E+00	0.00E+00	2.48E-06	1.28E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.48E-06

1727	ALL	462672.4	3772944	NonCancer	0.00E+00	4.19E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
1728	ALL	462676	3772935	NonCancer	0.00E+00	4.19E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
1729	ALL	462679.7	3772926	NonCancer	0.00E+00	4.08E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.27E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
1730	ALL	462692.4	3772913	NonCancer	0.00E+00	3.73E-08	2.24E-06	0.00E+00	0.00E+00	2.26E-06	1.16E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.26E-06
1731	ALL	462701.4	3772909	NonCancer	0.00E+00	3.52E-08	2.12E-06	0.00E+00	0.00E+00	2.13E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.13E-06
1732	ALL	462710.3	3772906	NonCancer	0.00E+00	3.28E-08	1.98E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	1.99E-06
1733	ALL	462719.3	3772902	NonCancer	0.00E+00	3.17E-08	1.90E-06	0.00E+00	0.00E+00	1.92E-06	9.88E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.92E-06
1734	ALL	462728.3	3772898	NonCancer	0.00E+00	3.02E-08	1.82E-06	0.00E+00	0.00E+00	1.83E-06	9.43E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.83E-06
1735	ALL	462737.3	3772894	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.81E-06	9.30E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.81E-06
1736	ALL	462827.3	3772857	NonCancer	0.00E+00	3.00E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.36E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
1737	ALL	462836.3	3772853	NonCancer	0.00E+00	3.05E-08	1.84E-06	0.00E+00	0.00E+00	1.85E-06	9.52E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.85E-06
1738	ALL	462845.3	3772849	NonCancer	0.00E+00	3.26E-08	1.96E-06	0.00E+00	0.00E+00	1.98E-06	1.02E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.98E-06
1739	ALL	462854.3	3772845	NonCancer	0.00E+00	3.69E-08	2.22E-06	0.00E+00	0.00E+00	2.24E-06	1.15E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.24E-06
1740	ALL	462863.3	3772841	NonCancer	0.00E+00	4.11E-08	2.47E-06	0.00E+00	0.00E+00	2.49E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.49E-06
1741	ALL	462872.3	3772838	NonCancer	0.00E+00	4.49E-08	2.70E-06	0.00E+00	0.00E+00	2.72E-06	1.40E-06	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	2.72E-06
1742	ALL	462881.3	3772834	NonCancer	0.00E+00	4.81E-08	2.89E-06	0.00E+00	0.00E+00	2.91E-06	1.50E-06	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	2.91E-06
1743	ALL	462890.3	3772830	NonCancer	0.00E+00	5.06E-08	3.04E-06	0.00E+00	0.00E+00	3.07E-06	1.58E-06	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.07E-06
1744	ALL	462899.3	3772826	NonCancer	0.00E+00	5.19E-08	3.12E-06	0.00E+00	0.00E+00	3.15E-06	1.62E-06	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.15E-06
1745	ALL	462588	3773152	NonCancer	0.00E+00	2.12E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.63E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
1746	ALL	462588.1	3773162	NonCancer	0.00E+00	2.12E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.61E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
1747	ALL	462588.2	3773172	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.49E-07	0.00E+00	9.92E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
1748	ALL	462588.3	3773182	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.33E-07	0.00E+00	9.68E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
1749	ALL	462588.4	3773192	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.23E-07	0.00E+00	9.53E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
1750	ALL	462588.5	3773202	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.05E-07	0.00E+00	9.25E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
1751	ALL	462588.6	3773212	NonCancer	0.00E+00	1.92E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.00E-07	0.00E+00	9.17E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
1752	ALL	462588.7	3773222	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.01E-07	0.00E+00	9.18E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
1753	ALL	462588.7	3773232	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.19E-07	0.00E+00	9.45E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
1754	ALL	462588.8	3773241	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.36E-07	0.00E+00	9.71E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
1755	ALL	462561.7	3773143	NonCancer	0.00E+00	1.97E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.16E-07	0.00E+00	9.41E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
1756	ALL	462565.4	3773134	NonCancer	0.00E+00	1.95E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.10E-07	0.00E+00	9.32E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
1757	ALL	462569.2	3773125	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.05E-07	0.00E+00	9.25E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
1758	ALL	462572.9	3773116	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.11E-07	0.00E+00	9.33E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
1759	ALL	462576.6	3773106	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.19E-07	0.00E+00	9.46E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
1760	ALL	462580.3	3773097	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.24E-07	0.00E+00	9.54E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
1761	ALL	462584	3773088	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.43E-07	0.00E+00	9.83E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
1762	ALL	462587.7	3773079	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.48E-07	0.00E+00	9.91E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
1763	ALL	462591.4	3773070	NonCancer	0.00E+00	2.05E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.41E-07	0.00E+00	9.80E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
1764	ALL	462595.2	3773061	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.23E-07	0.00E+00	9.52E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
1765	ALL	462598.9	3773051	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.21E-07	0.00E+00	9.49E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
1766	ALL	462602.6	3773042	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.13E-07	0.00E+00	9.37E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
1767	ALL	462606.3	3773033	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.97E-07	0.00E+00	9.13E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
1768	ALL	462628.6	3772978	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.54E-06	7.90E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.54E-06
1769	ALL	462632.3	3772969	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.74E-06	8.93E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.74E-06
1770	ALL	462636	3772960	NonCancer	0.00E+00	3.17E-08	1.91E-06	0.00E+00	0.00E+00	1.93E-06	9.91E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.93E-06
1771	ALL	462639.7	3772951	NonCancer	0.00E+00	3.45E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.08E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06
1772	ALL	462643.4	3772942	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
1773	ALL	462647.2	3772932	NonCancer	0.00E+00	3.79E-08	2.28E-06	0.00E+00	0.00E+00	2.30E-06	1.18E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.30E-06
1774	ALL	462650.9	3772923	NonCancer	0.00E+00	3.83E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
1775	ALL	462654.6	3772914	NonCancer	0.00E+00	3.79E-08	2.28E-06	0.00E+00	0.00E+00	2.30E-06	1.18E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.30E-06
1776	ALL	462658.3	3772905	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
1777	ALL	462671.1	3772892	NonCancer	0.00E+00	3.30E-08	1.99E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.00E-06
1778	ALL	462762.3	3772854	NonCancer	0.00E+00	2.52E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.86E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
1779	ALL	462771.4	3772850	NonCancer	0.00E+00	2.42E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.56E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
1780	ALL	462780.5	3772846	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.41E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06

1781	ALL	462789.6	3772842	NonCancer	0.00E+00	2.47E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.72E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
1782	ALL	462798.8	3772838	NonCancer	0.00E+00	2.60E-08	1.56E-06	0.00E+00	0.00E+00	1.58E-06	8.10E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.58E-06
1783	ALL	462807.9	3772835	NonCancer	0.00E+00	2.70E-08	1.62E-06	0.00E+00	0.00E+00	1.64E-06	8.42E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.64E-06
1784	ALL	462817	3772831	NonCancer	0.00E+00	2.77E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.63E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
1785	ALL	462826.1	3772827	NonCancer	0.00E+00	2.80E-08	1.68E-06	0.00E+00	0.00E+00	1.70E-06	8.73E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.70E-06
1786	ALL	462889.9	3772800	NonCancer	0.00E+00	4.72E-08	2.84E-06	0.00E+00	0.00E+00	2.86E-06	1.47E-06	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	2.86E-06
1787	ALL	462899	3772796	NonCancer	0.00E+00	4.76E-08	2.86E-06	0.00E+00	0.00E+00	2.88E-06	1.48E-06	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	2.88E-06
1788	ALL	462908.1	3772793	NonCancer	0.00E+00	4.69E-08	2.82E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	2.84E-06
1789	ALL	462558	3773152	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.11E-07	0.00E+00	9.34E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
1790	ALL	462558.1	3773162	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.05E-07	0.00E+00	9.24E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
1791	ALL	462558.2	3773172	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.88E-07	0.00E+00	8.98E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
1792	ALL	462558.3	3773182	NonCancer	0.00E+00	1.86E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.80E-07	0.00E+00	8.87E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
1793	ALL	462558.4	3773192	NonCancer	0.00E+00	1.82E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.69E-07	0.00E+00	8.70E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
1794	ALL	462558.5	3773202	NonCancer	0.00E+00	1.77E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.53E-07	0.00E+00	8.45E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
1795	ALL	462558.6	3773212	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.47E-07	0.00E+00	8.35E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
1796	ALL	462558.7	3773222	NonCancer	0.00E+00	1.77E-08	1.07E-06	0.00E+00	0.00E+00	1.07E-06	5.53E-07	0.00E+00	8.45E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.07E-06
1797	ALL	462558.7	3773232	NonCancer	0.00E+00	1.80E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.62E-07	0.00E+00	8.58E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
1798	ALL	462558.8	3773242	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.78E-07	0.00E+00	8.83E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
1799	ALL	462531.7	3773143	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.71E-07	0.00E+00	8.73E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
1800	ALL	462535.3	3773134	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.71E-07	0.00E+00	8.73E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
1801	ALL	462538.9	3773126	NonCancer	0.00E+00	1.81E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.65E-07	0.00E+00	8.63E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
1802	ALL	462542.6	3773117	NonCancer	0.00E+00	1.81E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.64E-07	0.00E+00	8.62E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
1803	ALL	462546.2	3773108	NonCancer	0.00E+00	1.82E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.67E-07	0.00E+00	8.67E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
1804	ALL	462549.8	3773099	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.71E-07	0.00E+00	8.72E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
1805	ALL	462553.5	3773090	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.78E-07	0.00E+00	8.83E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
1806	ALL	462557.1	3773081	NonCancer	0.00E+00	1.90E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.93E-07	0.00E+00	9.06E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
1807	ALL	462560.7	3773072	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.97E-07	0.00E+00	9.13E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
1808	ALL	462564.4	3773063	NonCancer	0.00E+00	1.90E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.92E-07	0.00E+00	9.05E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
1809	ALL	462568	3773054	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.78E-07	0.00E+00	8.83E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
1810	ALL	462571.6	3773045	NonCancer	0.00E+00	1.85E-08	1.12E-06	0.00E+00	0.00E+00	1.12E-06	5.78E-07	0.00E+00	8.84E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.12E-06
1811	ALL	462575.3	3773036	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.72E-07	0.00E+00	8.75E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
1812	ALL	462578.9	3773027	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.60E-07	0.00E+00	8.55E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
1813	ALL	462582.5	3773018	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.46E-07	0.00E+00	8.34E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
1814	ALL	462586.2	3773009	NonCancer	0.00E+00	1.74E-08	1.05E-06	0.00E+00	0.00E+00	1.05E-06	5.42E-07	0.00E+00	8.29E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.05E-06
1815	ALL	462589.8	3773000	NonCancer	0.00E+00	1.72E-08	1.04E-06	0.00E+00	0.00E+00	1.04E-06	5.37E-07	0.00E+00	8.20E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.04E-06
1816	ALL	462593.4	3772991	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.56E-07	0.00E+00	8.50E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
1817	ALL	462597.1	3772982	NonCancer	0.00E+00	1.89E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.91E-07	0.00E+00	9.03E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
1818	ALL	462600.7	3772973	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.47E-07	0.00E+00	9.89E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
1819	ALL	462604.3	3772964	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.13E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
1820	ALL	462622.5	3772919	NonCancer	0.00E+00	3.43E-08	2.07E-06	0.00E+00	0.00E+00	2.08E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.08E-06
1821	ALL	462626.2	3772910	NonCancer	0.00E+00	3.50E-08	2.11E-06	0.00E+00	0.00E+00	2.12E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.12E-06
1822	ALL	462629.8	3772902	NonCancer	0.00E+00	3.50E-08	2.11E-06	0.00E+00	0.00E+00	2.12E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.12E-06
1823	ALL	462633.4	3772893	NonCancer	0.00E+00	3.43E-08	2.06E-06	0.00E+00	0.00E+00	2.08E-06	1.07E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.08E-06
1824	ALL	462694.2	3772852	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.78E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
1825	ALL	462703.1	3772848	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.69E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
1826	ALL	462712	3772845	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.62E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
1827	ALL	462721	3772841	NonCancer	0.00E+00	2.42E-08	1.45E-06	0.00E+00	0.00E+00	1.47E-06	7.54E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.47E-06
1828	ALL	462729.9	3772837	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.45E-06	7.44E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.45E-06
1829	ALL	462738.8	3772834	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.29E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
1830	ALL	462747.7	3772830	NonCancer	0.00E+00	2.27E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.07E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
1831	ALL	462756.6	3772826	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.80E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
1832	ALL	462765.6	3772822	NonCancer	0.00E+00	2.17E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.78E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
1833	ALL	462801.2	3772807	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.54E-06	7.90E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.54E-06
1834	ALL	462810.2	3772804	NonCancer	0.00E+00	2.57E-08	1.54E-06	0.00E+00	0.00E+00	1.56E-06	8.01E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.56E-06

1835	ALL	462819.1	3772800	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.57E-06	8.06E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.57E-06
1836	ALL	462828	3772796	NonCancer	0.00E+00	2.85E-08	1.71E-06	0.00E+00	0.00E+00	1.73E-06	8.89E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.73E-06
1837	ALL	462836.9	3772792	NonCancer	0.00E+00	3.17E-08	1.90E-06	0.00E+00	0.00E+00	1.92E-06	9.88E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.92E-06
1838	ALL	462845.8	3772789	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.11E-06	1.08E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.11E-06
1839	ALL	462854.8	3772785	NonCancer	0.00E+00	3.76E-08	2.26E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.28E-06
1840	ALL	462863.7	3772781	NonCancer	0.00E+00	4.01E-08	2.41E-06	0.00E+00	0.00E+00	2.43E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	2.43E-06
1841	ALL	462890.4	3772770	NonCancer	0.00E+00	4.36E-08	2.62E-06	0.00E+00	0.00E+00	2.64E-06	1.36E-06	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	2.64E-06
1842	ALL	462899.4	3772766	NonCancer	0.00E+00	4.31E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
1843	ALL	462908.3	3772763	NonCancer	0.00E+00	4.18E-08	2.51E-06	0.00E+00	0.00E+00	2.53E-06	1.30E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	2.53E-06
1844	ALL	462528	3773152	NonCancer	0.00E+00	1.80E-08	1.09E-06	0.00E+00	0.00E+00	1.09E-06	5.63E-07	0.00E+00	8.60E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.09E-06
1845	ALL	462528.1	3773162	NonCancer	0.00E+00	1.77E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.53E-07	0.00E+00	8.46E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
1846	ALL	462528.2	3773172	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.39E-07	0.00E+00	8.24E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
1847	ALL	462528.3	3773182	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.33E-07	0.00E+00	8.14E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
1848	ALL	462528.4	3773192	NonCancer	0.00E+00	1.67E-08	1.01E-06	0.00E+00	0.00E+00	1.01E-06	5.22E-07	0.00E+00	7.97E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.01E-06
1849	ALL	462528.5	3773202	NonCancer	0.00E+00	1.63E-08	9.84E-07	0.00E+00	0.00E+00	9.92E-07	5.10E-07	0.00E+00	7.80E-07	0.00E+00	0.00E+00	9.84E-07	0.00E+00	0.00E+00	9.92E-07
1850	ALL	462528.6	3773212	NonCancer	0.00E+00	1.63E-08	9.80E-07	0.00E+00	0.00E+00	9.87E-07	5.08E-07	0.00E+00	7.76E-07	0.00E+00	0.00E+00	9.80E-07	0.00E+00	0.00E+00	9.87E-07
1851	ALL	462528.7	3773222	NonCancer	0.00E+00	1.64E-08	9.87E-07	0.00E+00	0.00E+00	9.95E-07	5.12E-07	0.00E+00	7.82E-07	0.00E+00	0.00E+00	9.87E-07	0.00E+00	0.00E+00	9.95E-07
1852	ALL	462528.7	3773232	NonCancer	0.00E+00	1.65E-08	9.91E-07	0.00E+00	0.00E+00	9.99E-07	5.14E-07	0.00E+00	7.85E-07	0.00E+00	0.00E+00	9.91E-07	0.00E+00	0.00E+00	9.99E-07
1853	ALL	462528.8	3773242	NonCancer	0.00E+00	1.69E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.28E-07	0.00E+00	8.07E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
1854	ALL	462501.7	3773144	NonCancer	0.00E+00	1.70E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.31E-07	0.00E+00	8.11E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
1855	ALL	462505.4	3773135	NonCancer	0.00E+00	1.72E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.36E-07	0.00E+00	8.19E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
1856	ALL	462527.4	3773080	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.41E-07	0.00E+00	8.27E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
1857	ALL	462531.1	3773071	NonCancer	0.00E+00	1.77E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.52E-07	0.00E+00	8.44E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
1858	ALL	462534.8	3773062	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.55E-07	0.00E+00	8.48E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
1859	ALL	462538.5	3773053	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.48E-07	0.00E+00	8.38E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
1860	ALL	462542.1	3773044	NonCancer	0.00E+00	1.74E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.41E-07	0.00E+00	8.28E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
1861	ALL	462545.8	3773035	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.40E-07	0.00E+00	8.26E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
1862	ALL	462549.5	3773026	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.33E-07	0.00E+00	8.15E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
1863	ALL	462553.2	3773017	NonCancer	0.00E+00	1.67E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.21E-07	0.00E+00	7.96E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
1864	ALL	462556.9	3773008	NonCancer	0.00E+00	1.63E-08	9.82E-07	0.00E+00	0.00E+00	9.90E-07	5.09E-07	0.00E+00	7.78E-07	0.00E+00	0.00E+00	9.82E-07	0.00E+00	0.00E+00	9.90E-07
1865	ALL	462560.5	3772999	NonCancer	0.00E+00	1.63E-08	9.79E-07	0.00E+00	0.00E+00	9.87E-07	5.08E-07	0.00E+00	7.76E-07	0.00E+00	0.00E+00	9.79E-07	0.00E+00	0.00E+00	9.87E-07
1866	ALL	462564.2	3772990	NonCancer	0.00E+00	1.61E-08	9.66E-07	0.00E+00	0.00E+00	9.74E-07	5.01E-07	0.00E+00	7.66E-07	0.00E+00	0.00E+00	9.66E-07	0.00E+00	0.00E+00	9.74E-07
1867	ALL	462567.9	3772980	NonCancer	0.00E+00	1.60E-08	9.64E-07	0.00E+00	0.00E+00	9.71E-07	5.00E-07	0.00E+00	7.64E-07	0.00E+00	0.00E+00	9.64E-07	0.00E+00	0.00E+00	9.71E-07
1868	ALL	462571.6	3772971	NonCancer	0.00E+00	1.68E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.25E-07	0.00E+00	8.03E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
1869	ALL	462575.2	3772962	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.72E-07	0.00E+00	8.75E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
1870	ALL	462578.9	3772953	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.27E-07	0.00E+00	9.59E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
1871	ALL	462582.6	3772944	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.02E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
1872	ALL	462586.3	3772935	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.82E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
1873	ALL	462593.6	3772917	NonCancer	0.00E+00	2.94E-08	1.77E-06	0.00E+00	0.00E+00	1.78E-06	9.17E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.78E-06
1874	ALL	462597.3	3772908	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.66E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
1875	ALL	462601	3772899	NonCancer	0.00E+00	3.19E-08	1.92E-06	0.00E+00	0.00E+00	1.94E-06	9.97E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.94E-06
1876	ALL	462604.7	3772890	NonCancer	0.00E+00	3.23E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
1877	ALL	462628.4	3772850	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.21E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
1878	ALL	462637.4	3772846	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.73E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
1879	ALL	462646.4	3772842	NonCancer	0.00E+00	2.42E-08	1.45E-06	0.00E+00	0.00E+00	1.47E-06	7.54E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.47E-06
1880	ALL	462655.5	3772838	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.30E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
1881	ALL	462664.5	3772835	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.25E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
1882	ALL	462673.5	3772831	NonCancer	0.00E+00	2.30E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.17E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
1883	ALL	462682.5	3772827	NonCancer	0.00E+00	2.27E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.07E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
1884	ALL	462691.5	3772823	NonCancer	0.00E+00	2.24E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.00E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
1885	ALL	462700.6	3772820	NonCancer	0.00E+00	2.22E-08	1.33E-06	0.00E+00	0.00E+00	1.35E-06	6.92E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.35E-06
1886	ALL	462736.7	3772804	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.31E-07	0.00E+00	9.64E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
1887	ALL	462745.7	3772801	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.17E-07	0.00E+00	9.43E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
1888	ALL	462754.7	3772797	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.33E-07	0.00E+00	9.68E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06

1889	ALL	462763.7	3772793	NonCancer	0.00E+00	2.13E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.65E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
1890	ALL	462772.8	3772789	NonCancer	0.00E+00	2.22E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.93E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
1891	ALL	462799.8	3772778	NonCancer	0.00E+00	2.37E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.38E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
1892	ALL	462808.8	3772774	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.42E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
1893	ALL	462817.9	3772770	NonCancer	0.00E+00	2.62E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.19E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
1894	ALL	462826.9	3772767	NonCancer	0.00E+00	2.90E-08	1.75E-06	0.00E+00	0.00E+00	1.76E-06	9.06E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.76E-06
1895	ALL	462835.9	3772763	NonCancer	0.00E+00	3.18E-08	1.91E-06	0.00E+00	0.00E+00	1.93E-06	9.92E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.93E-06
1896	ALL	462844.9	3772759	NonCancer	0.00E+00	3.44E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06
1897	ALL	462854	3772755	NonCancer	0.00E+00	3.67E-08	2.21E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.22E-06
1898	ALL	462863	3772752	NonCancer	0.00E+00	3.84E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
1899	ALL	462890.1	3772740	NonCancer	0.00E+00	3.99E-08	2.40E-06	0.00E+00	0.00E+00	2.42E-06	1.25E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	2.42E-06
1900	ALL	462899.1	3772736	NonCancer	0.00E+00	3.89E-08	2.34E-06	0.00E+00	0.00E+00	2.36E-06	1.21E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.36E-06
1901	ALL	462908.1	3772733	NonCancer	0.00E+00	3.73E-08	2.24E-06	0.00E+00	0.00E+00	2.26E-06	1.16E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.26E-06
1902	ALL	462498	3773153	NonCancer	0.00E+00	1.67E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.20E-07	0.00E+00	7.95E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
1903	ALL	462498.1	3773163	NonCancer	0.00E+00	1.63E-08	9.82E-07	0.00E+00	0.00E+00	9.90E-07	5.09E-07	0.00E+00	7.78E-07	0.00E+00	0.00E+00	9.82E-07	0.00E+00	0.00E+00	9.90E-07
1904	ALL	462498.2	3773173	NonCancer	0.00E+00	1.61E-08	9.69E-07	0.00E+00	0.00E+00	9.76E-07	5.02E-07	0.00E+00	7.67E-07	0.00E+00	0.00E+00	9.69E-07	0.00E+00	0.00E+00	9.76E-07
1905	ALL	462498.3	3773183	NonCancer	0.00E+00	1.58E-08	9.52E-07	0.00E+00	0.00E+00	9.59E-07	4.93E-07	0.00E+00	7.54E-07	0.00E+00	0.00E+00	9.52E-07	0.00E+00	0.00E+00	9.59E-07
1906	ALL	462498.4	3773193	NonCancer	0.00E+00	1.54E-08	9.29E-07	0.00E+00	0.00E+00	9.36E-07	4.81E-07	0.00E+00	7.36E-07	0.00E+00	0.00E+00	9.29E-07	0.00E+00	0.00E+00	9.36E-07
1907	ALL	462498.5	3773202	NonCancer	0.00E+00	1.52E-08	9.14E-07	0.00E+00	0.00E+00	9.21E-07	4.74E-07	0.00E+00	7.24E-07	0.00E+00	0.00E+00	9.14E-07	0.00E+00	0.00E+00	9.21E-07
1908	ALL	462498.6	3773212	NonCancer	0.00E+00	1.53E-08	9.18E-07	0.00E+00	0.00E+00	9.25E-07	4.76E-07	0.00E+00	7.27E-07	0.00E+00	0.00E+00	9.18E-07	0.00E+00	0.00E+00	9.25E-07
1909	ALL	462498.7	3773222	NonCancer	0.00E+00	1.52E-08	9.17E-07	0.00E+00	0.00E+00	9.25E-07	4.75E-07	0.00E+00	7.27E-07	0.00E+00	0.00E+00	9.17E-07	0.00E+00	0.00E+00	9.25E-07
1910	ALL	462498.8	3773232	NonCancer	0.00E+00	1.53E-08	9.21E-07	0.00E+00	0.00E+00	9.28E-07	4.77E-07	0.00E+00	7.30E-07	0.00E+00	0.00E+00	9.21E-07	0.00E+00	0.00E+00	9.28E-07
1911	ALL	462498.8	3773242	NonCancer	0.00E+00	1.56E-08	9.37E-07	0.00E+00	0.00E+00	9.44E-07	4.86E-07	0.00E+00	7.42E-07	0.00E+00	0.00E+00	9.37E-07	0.00E+00	0.00E+00	9.44E-07
1912	ALL	462471.7	3773144	NonCancer	0.00E+00	1.58E-08	9.52E-07	0.00E+00	0.00E+00	9.59E-07	4.93E-07	0.00E+00	7.54E-07	0.00E+00	0.00E+00	9.52E-07	0.00E+00	0.00E+00	9.59E-07
1913	ALL	462475.5	3773135	NonCancer	0.00E+00	1.61E-08	9.67E-07	0.00E+00	0.00E+00	9.74E-07	5.01E-07	0.00E+00	7.66E-07	0.00E+00	0.00E+00	9.67E-07	0.00E+00	0.00E+00	9.74E-07
1914	ALL	462479.2	3773125	NonCancer	0.00E+00	1.61E-08	9.68E-07	0.00E+00	0.00E+00	9.76E-07	5.02E-07	0.00E+00	7.67E-07	0.00E+00	0.00E+00	9.68E-07	0.00E+00	0.00E+00	9.76E-07
1915	ALL	462482.9	3773116	NonCancer	0.00E+00	1.60E-08	9.63E-07	0.00E+00	0.00E+00	9.70E-07	4.99E-07	0.00E+00	7.63E-07	0.00E+00	0.00E+00	9.63E-07	0.00E+00	0.00E+00	9.70E-07
1916	ALL	462486.6	3773107	NonCancer	0.00E+00	1.60E-08	9.60E-07	0.00E+00	0.00E+00	9.68E-07	4.98E-07	0.00E+00	7.61E-07	0.00E+00	0.00E+00	9.60E-07	0.00E+00	0.00E+00	9.68E-07
1917	ALL	462490.3	3773098	NonCancer	0.00E+00	1.59E-08	9.57E-07	0.00E+00	0.00E+00	9.65E-07	4.96E-07	0.00E+00	7.59E-07	0.00E+00	0.00E+00	9.57E-07	0.00E+00	0.00E+00	9.65E-07
1918	ALL	462494	3773089	NonCancer	0.00E+00	1.58E-08	9.53E-07	0.00E+00	0.00E+00	9.60E-07	4.94E-07	0.00E+00	7.55E-07	0.00E+00	0.00E+00	9.53E-07	0.00E+00	0.00E+00	9.60E-07
1919	ALL	462497.7	3773080	NonCancer	0.00E+00	1.58E-08	9.51E-07	0.00E+00	0.00E+00	9.58E-07	4.93E-07	0.00E+00	7.53E-07	0.00E+00	0.00E+00	9.51E-07	0.00E+00	0.00E+00	9.58E-07
1920	ALL	462505.2	3773061	NonCancer	0.00E+00	1.65E-08	9.94E-07	0.00E+00	0.00E+00	1.00E-06	5.15E-07	0.00E+00	7.88E-07	0.00E+00	0.00E+00	9.94E-07	0.00E+00	0.00E+00	1.00E-06
1921	ALL	462523.7	3773016	NonCancer	0.00E+00	1.60E-08	9.61E-07	0.00E+00	0.00E+00	9.68E-07	4.98E-07	0.00E+00	7.61E-07	0.00E+00	0.00E+00	9.61E-07	0.00E+00	0.00E+00	9.68E-07
1922	ALL	462527.5	3773006	NonCancer	0.00E+00	1.56E-08	9.38E-07	0.00E+00	0.00E+00	9.45E-07	4.86E-07	0.00E+00	7.43E-07	0.00E+00	0.00E+00	9.38E-07	0.00E+00	0.00E+00	9.45E-07
1923	ALL	462531.2	3772997	NonCancer	0.00E+00	1.53E-08	9.21E-07	0.00E+00	0.00E+00	9.28E-07	4.77E-07	0.00E+00	7.30E-07	0.00E+00	0.00E+00	9.21E-07	0.00E+00	0.00E+00	9.28E-07
1924	ALL	462534.9	3772988	NonCancer	0.00E+00	1.52E-08	9.15E-07	0.00E+00	0.00E+00	9.23E-07	4.75E-07	0.00E+00	7.25E-07	0.00E+00	0.00E+00	9.15E-07	0.00E+00	0.00E+00	9.23E-07
1925	ALL	462538.6	3772979	NonCancer	0.00E+00	1.50E-08	9.02E-07	0.00E+00	0.00E+00	9.09E-07	4.68E-07	0.00E+00	7.15E-07	0.00E+00	0.00E+00	9.02E-07	0.00E+00	0.00E+00	9.09E-07
1926	ALL	462542.3	3772970	NonCancer	0.00E+00	1.47E-08	8.82E-07	0.00E+00	0.00E+00	8.89E-07	4.57E-07	0.00E+00	6.99E-07	0.00E+00	0.00E+00	8.82E-07	0.00E+00	0.00E+00	8.89E-07
1927	ALL	462546	3772961	NonCancer	0.00E+00	1.52E-08	9.17E-07	0.00E+00	0.00E+00	9.24E-07	4.76E-07	0.00E+00	7.27E-07	0.00E+00	0.00E+00	9.17E-07	0.00E+00	0.00E+00	9.24E-07
1928	ALL	462549.7	3772951	NonCancer	0.00E+00	1.63E-08	9.83E-07	0.00E+00	0.00E+00	9.91E-07	5.10E-07	0.00E+00	7.79E-07	0.00E+00	0.00E+00	9.83E-07	0.00E+00	0.00E+00	9.91E-07
1929	ALL	462553.5	3772942	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.56E-07	0.00E+00	8.50E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
1930	ALL	462557.2	3772933	NonCancer	0.00E+00	1.97E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.14E-07	0.00E+00	9.39E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
1931	ALL	462564.6	3772915	NonCancer	0.00E+00	2.42E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.56E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
1932	ALL	462568.3	3772906	NonCancer	0.00E+00	2.62E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.18E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
1933	ALL	462572	3772897	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.70E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
1934	ALL	462575.7	3772887	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.77E-06	9.08E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.77E-06
1935	ALL	462594.3	3772842	NonCancer	0.00E+00	2.68E-08	1.61E-06	0.00E+00	0.00E+00	1.63E-06	8.37E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.63E-06
1936	ALL	462661.8	3772806	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.50E-07	0.00E+00	9.94E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
1937	ALL	462670.9	3772802	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.43E-07	0.00E+00	9.83E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
1938	ALL	462680.1	3772798	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.35E-07	0.00E+00	9.71E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
1939	ALL	462689.2	3772794	NonCancer	0.00E+00	2.02E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.29E-07	0.00E+00	9.61E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
1940	ALL	462716.5	3772783	NonCancer	0.00E+00	1.89E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.89E-07	0.00E+00	9.00E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
1941	ALL	462725.6	3772779	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.74E-07	0.00E+00	8.77E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
1942	ALL	462734.8	3772775	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.75E-07	0.00E+00	8.78E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06

1943	ALL	462743.9	3772771	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.01E-07	0.00E+00	9.19E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
1944	ALL	462753	3772768	NonCancer	0.00E+00	2.02E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.29E-07	0.00E+00	9.61E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
1945	ALL	462762.1	3772764	NonCancer	0.00E+00	2.09E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.52E-07	0.00E+00	9.97E-07	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
1946	ALL	462771.2	3772760	NonCancer	0.00E+00	2.15E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.70E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
1947	ALL	462780.3	3772756	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.81E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
1948	ALL	462798.6	3772748	NonCancer	0.00E+00	2.20E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.86E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
1949	ALL	462807.7	3772745	NonCancer	0.00E+00	2.41E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.53E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
1950	ALL	462816.8	3772741	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.31E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
1951	ALL	462825.9	3772737	NonCancer	0.00E+00	2.92E-08	1.76E-06	0.00E+00	0.00E+00	1.77E-06	9.12E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.77E-06
1952	ALL	462835	3772733	NonCancer	0.00E+00	3.17E-08	1.91E-06	0.00E+00	0.00E+00	1.92E-06	9.89E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.92E-06
1953	ALL	462844.1	3772729	NonCancer	0.00E+00	3.38E-08	2.03E-06	0.00E+00	0.00E+00	2.05E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.05E-06
1954	ALL	462853.3	3772726	NonCancer	0.00E+00	3.54E-08	2.13E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.14E-06
1955	ALL	462862.4	3772722	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
1956	ALL	462889.7	3772710	NonCancer	0.00E+00	3.64E-08	2.19E-06	0.00E+00	0.00E+00	2.20E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.20E-06
1957	ALL	462468	3773153	NonCancer	0.00E+00	1.54E-08	9.29E-07	0.00E+00	0.00E+00	9.37E-07	4.82E-07	0.00E+00	7.36E-07	0.00E+00	0.00E+00	9.29E-07	0.00E+00	0.00E+00	9.37E-07
1958	ALL	462468.1	3773163	NonCancer	0.00E+00	1.52E-08	9.12E-07	0.00E+00	0.00E+00	9.20E-07	4.73E-07	0.00E+00	7.23E-07	0.00E+00	0.00E+00	9.12E-07	0.00E+00	0.00E+00	9.20E-07
1959	ALL	462468.2	3773173	NonCancer	0.00E+00	1.50E-08	9.05E-07	0.00E+00	0.00E+00	9.12E-07	4.69E-07	0.00E+00	7.17E-07	0.00E+00	0.00E+00	9.05E-07	0.00E+00	0.00E+00	9.12E-07
1960	ALL	462468.3	3773183	NonCancer	0.00E+00	1.47E-08	8.84E-07	0.00E+00	0.00E+00	8.91E-07	4.58E-07	0.00E+00	7.00E-07	0.00E+00	0.00E+00	8.84E-07	0.00E+00	0.00E+00	8.91E-07
1961	ALL	462468.4	3773193	NonCancer	0.00E+00	1.43E-08	8.63E-07	0.00E+00	0.00E+00	8.70E-07	4.47E-07	0.00E+00	6.84E-07	0.00E+00	0.00E+00	8.63E-07	0.00E+00	0.00E+00	8.70E-07
1962	ALL	462468.5	3773203	NonCancer	0.00E+00	1.43E-08	8.59E-07	0.00E+00	0.00E+00	8.66E-07	4.45E-07	0.00E+00	6.81E-07	0.00E+00	0.00E+00	8.59E-07	0.00E+00	0.00E+00	8.66E-07
1963	ALL	462468.6	3773213	NonCancer	0.00E+00	1.43E-08	8.63E-07	0.00E+00	0.00E+00	8.70E-07	4.47E-07	0.00E+00	6.84E-07	0.00E+00	0.00E+00	8.63E-07	0.00E+00	0.00E+00	8.70E-07
1964	ALL	462468.7	3773223	NonCancer	0.00E+00	1.44E-08	8.64E-07	0.00E+00	0.00E+00	8.71E-07	4.48E-07	0.00E+00	6.85E-07	0.00E+00	0.00E+00	8.64E-07	0.00E+00	0.00E+00	8.71E-07
1965	ALL	462468.8	3773233	NonCancer	0.00E+00	1.43E-08	8.63E-07	0.00E+00	0.00E+00	8.70E-07	4.47E-07	0.00E+00	6.84E-07	0.00E+00	0.00E+00	8.63E-07	0.00E+00	0.00E+00	8.70E-07
1966	ALL	462468.8	3773243	NonCancer	0.00E+00	1.44E-08	8.69E-07	0.00E+00	0.00E+00	8.76E-07	4.51E-07	0.00E+00	6.89E-07	0.00E+00	0.00E+00	8.69E-07	0.00E+00	0.00E+00	8.76E-07
1967	ALL	462441.7	3773144	NonCancer	0.00E+00	1.47E-08	8.86E-07	0.00E+00	0.00E+00	8.93E-07	4.59E-07	0.00E+00	7.02E-07	0.00E+00	0.00E+00	8.86E-07	0.00E+00	0.00E+00	8.93E-07
1968	ALL	462445.3	3773135	NonCancer	0.00E+00	1.50E-08	9.05E-07	0.00E+00	0.00E+00	9.12E-07	4.69E-07	0.00E+00	7.17E-07	0.00E+00	0.00E+00	9.05E-07	0.00E+00	0.00E+00	9.12E-07
1969	ALL	462449	3773126	NonCancer	0.00E+00	1.52E-08	9.12E-07	0.00E+00	0.00E+00	9.20E-07	4.73E-07	0.00E+00	7.23E-07	0.00E+00	0.00E+00	9.12E-07	0.00E+00	0.00E+00	9.20E-07
1970	ALL	462452.6	3773117	NonCancer	0.00E+00	1.51E-08	9.08E-07	0.00E+00	0.00E+00	9.15E-07	4.71E-07	0.00E+00	7.19E-07	0.00E+00	0.00E+00	9.08E-07	0.00E+00	0.00E+00	9.15E-07
1971	ALL	462456.3	3773108	NonCancer	0.00E+00	1.50E-08	9.03E-07	0.00E+00	0.00E+00	9.10E-07	4.68E-07	0.00E+00	7.15E-07	0.00E+00	0.00E+00	9.03E-07	0.00E+00	0.00E+00	9.10E-07
1972	ALL	462459.9	3773099	NonCancer	0.00E+00	1.50E-08	9.00E-07	0.00E+00	0.00E+00	9.08E-07	4.67E-07	0.00E+00	7.14E-07	0.00E+00	0.00E+00	9.00E-07	0.00E+00	0.00E+00	9.08E-07
1973	ALL	462463.6	3773090	NonCancer	0.00E+00	1.49E-08	8.96E-07	0.00E+00	0.00E+00	9.03E-07	4.64E-07	0.00E+00	7.10E-07	0.00E+00	0.00E+00	8.96E-07	0.00E+00	0.00E+00	9.03E-07
1974	ALL	462467.2	3773081	NonCancer	0.00E+00	1.48E-08	8.89E-07	0.00E+00	0.00E+00	8.96E-07	4.61E-07	0.00E+00	7.04E-07	0.00E+00	0.00E+00	8.89E-07	0.00E+00	0.00E+00	8.96E-07
1975	ALL	462478.2	3773054	NonCancer	0.00E+00	1.54E-08	9.26E-07	0.00E+00	0.00E+00	9.33E-07	4.80E-07	0.00E+00	7.34E-07	0.00E+00	0.00E+00	9.26E-07	0.00E+00	0.00E+00	9.33E-07
1976	ALL	462481.8	3773045	NonCancer	0.00E+00	1.53E-08	9.24E-07	0.00E+00	0.00E+00	9.31E-07	4.79E-07	0.00E+00	7.32E-07	0.00E+00	0.00E+00	9.24E-07	0.00E+00	0.00E+00	9.31E-07
1977	ALL	462485.5	3773036	NonCancer	0.00E+00	1.51E-08	9.10E-07	0.00E+00	0.00E+00	9.18E-07	4.72E-07	0.00E+00	7.21E-07	0.00E+00	0.00E+00	9.10E-07	0.00E+00	0.00E+00	9.18E-07
1978	ALL	462489.1	3773027	NonCancer	0.00E+00	1.52E-08	9.14E-07	0.00E+00	0.00E+00	9.21E-07	4.74E-07	0.00E+00	7.24E-07	0.00E+00	0.00E+00	9.14E-07	0.00E+00	0.00E+00	9.21E-07
1979	ALL	462492.8	3773018	NonCancer	0.00E+00	1.52E-08	9.14E-07	0.00E+00	0.00E+00	9.22E-07	4.74E-07	0.00E+00	7.25E-07	0.00E+00	0.00E+00	9.14E-07	0.00E+00	0.00E+00	9.22E-07
1980	ALL	462496.4	3773009	NonCancer	0.00E+00	1.51E-08	9.06E-07	0.00E+00	0.00E+00	9.13E-07	4.70E-07	0.00E+00	7.18E-07	0.00E+00	0.00E+00	9.06E-07	0.00E+00	0.00E+00	9.13E-07
1981	ALL	462500.1	3773000	NonCancer	0.00E+00	1.48E-08	8.89E-07	0.00E+00	0.00E+00	8.96E-07	4.61E-07	0.00E+00	7.04E-07	0.00E+00	0.00E+00	8.89E-07	0.00E+00	0.00E+00	8.96E-07
1982	ALL	462503.7	3772991	NonCancer	0.00E+00	1.44E-08	8.66E-07	0.00E+00	0.00E+00	8.73E-07	4.49E-07	0.00E+00	6.87E-07	0.00E+00	0.00E+00	8.66E-07	0.00E+00	0.00E+00	8.73E-07
1983	ALL	462525.6	3772937	NonCancer	0.00E+00	1.52E-08	9.13E-07	0.00E+00	0.00E+00	9.20E-07	4.73E-07	0.00E+00	7.23E-07	0.00E+00	0.00E+00	9.13E-07	0.00E+00	0.00E+00	9.20E-07
1984	ALL	462536.6	3772910	NonCancer	0.00E+00	2.00E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.26E-07	0.00E+00	9.56E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
1985	ALL	462540.2	3772901	NonCancer	0.00E+00	2.20E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.88E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
1986	ALL	462543.9	3772892	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.45E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
1987	ALL	462565.7	3772838	NonCancer	0.00E+00	2.68E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.38E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
1988	ALL	462569.4	3772829	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.04E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
1989	ALL	462573	3772820	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.60E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
1990	ALL	462585.6	3772808	NonCancer	0.00E+00	2.15E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.70E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
1991	ALL	462594.6	3772804	NonCancer	0.00E+00	2.09E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.51E-07	0.00E+00	9.95E-07	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
1992	ALL	462630.4	3772789	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.12E-07	0.00E+00	9.36E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
1993	ALL	462639.4	3772785	NonCancer	0.00E+00	1.92E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.00E-07	0.00E+00	9.17E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
1994	ALL	462648.3	3772781	NonCancer	0.00E+00	1.90E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.94E-07	0.00E+00	9.07E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
1995	ALL	462657.3	3772778	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.87E-07	0.00E+00	8.98E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
1996	ALL	462666.2	3772774	NonCancer	0.00E+00	1.87E-08	1.13E-06	0.00E+00	0.00E+00	1.13E-06	5.84E-07	0.00E+00	8.92E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.13E-06

1997	ALL	462675.2	3772770	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.75E-07	0.00E+00	8.79E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
1998	ALL	462684.2	3772766	NonCancer	0.00E+00	1.82E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.68E-07	0.00E+00	8.68E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
1999	ALL	462693.1	3772763	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.59E-07	0.00E+00	8.55E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
2000	ALL	462720	3772751	NonCancer	0.00E+00	1.72E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.36E-07	0.00E+00	8.19E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
2001	ALL	462728.9	3772748	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.59E-07	0.00E+00	8.55E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
2002	ALL	462737.9	3772744	NonCancer	0.00E+00	1.87E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.83E-07	0.00E+00	8.90E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
2003	ALL	462746.8	3772740	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.02E-07	0.00E+00	9.20E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
2004	ALL	462755.8	3772736	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.17E-07	0.00E+00	9.44E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
2005	ALL	462764.8	3772733	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.27E-07	0.00E+00	9.59E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
2006	ALL	462773.7	3772729	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.32E-07	0.00E+00	9.65E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
2007	ALL	462800.6	3772718	NonCancer	0.00E+00	2.30E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.19E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
2008	ALL	462809.5	3772714	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.92E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
2009	ALL	462818.5	3772710	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.65E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
2010	ALL	462827.4	3772706	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.32E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
2011	ALL	462863.3	3772691	NonCancer	0.00E+00	3.45E-08	2.08E-06	0.00E+00	0.00E+00	2.09E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.09E-06
2012	ALL	462872.2	3772688	NonCancer	0.00E+00	3.45E-08	2.08E-06	0.00E+00	0.00E+00	2.09E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.09E-06
2013	ALL	462881.2	3772684	NonCancer	0.00E+00	3.40E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
2014	ALL	462890.1	3772680	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
2015	ALL	462899.1	3772676	NonCancer	0.00E+00	3.15E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.83E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
2016	ALL	462908	3772673	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.81E-06	9.29E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.81E-06
2017	ALL	462438	3773153	NonCancer	0.00E+00	1.43E-08	8.61E-07	0.00E+00	0.00E+00	8.68E-07	4.46E-07	0.00E+00	6.82E-07	0.00E+00	0.00E+00	8.61E-07	0.00E+00	0.00E+00	8.68E-07
2018	ALL	462438.1	3773163	NonCancer	0.00E+00	1.42E-08	8.54E-07	0.00E+00	0.00E+00	8.61E-07	4.43E-07	0.00E+00	6.77E-07	0.00E+00	0.00E+00	8.54E-07	0.00E+00	0.00E+00	8.61E-07
2019	ALL	462438.2	3773173	NonCancer	0.00E+00	1.40E-08	8.44E-07	0.00E+00	0.00E+00	8.50E-07	4.37E-07	0.00E+00	6.68E-07	0.00E+00	0.00E+00	8.44E-07	0.00E+00	0.00E+00	8.50E-07
2020	ALL	462438.3	3773183	NonCancer	0.00E+00	1.37E-08	8.24E-07	0.00E+00	0.00E+00	8.30E-07	4.27E-07	0.00E+00	6.53E-07	0.00E+00	0.00E+00	8.24E-07	0.00E+00	0.00E+00	8.30E-07
2021	ALL	462438.4	3773193	NonCancer	0.00E+00	1.34E-08	8.09E-07	0.00E+00	0.00E+00	8.16E-07	4.19E-07	0.00E+00	6.41E-07	0.00E+00	0.00E+00	8.09E-07	0.00E+00	0.00E+00	8.16E-07
2022	ALL	462438.5	3773203	NonCancer	0.00E+00	1.35E-08	8.13E-07	0.00E+00	0.00E+00	8.19E-07	4.21E-07	0.00E+00	6.44E-07	0.00E+00	0.00E+00	8.13E-07	0.00E+00	0.00E+00	8.19E-07
2023	ALL	462438.6	3773213	NonCancer	0.00E+00	1.35E-08	8.16E-07	0.00E+00	0.00E+00	8.22E-07	4.23E-07	0.00E+00	6.46E-07	0.00E+00	0.00E+00	8.16E-07	0.00E+00	0.00E+00	8.22E-07
2024	ALL	462438.7	3773223	NonCancer	0.00E+00	1.36E-08	8.16E-07	0.00E+00	0.00E+00	8.23E-07	4.23E-07	0.00E+00	6.47E-07	0.00E+00	0.00E+00	8.16E-07	0.00E+00	0.00E+00	8.23E-07
2025	ALL	462438.8	3773233	NonCancer	0.00E+00	1.35E-08	8.13E-07	0.00E+00	0.00E+00	8.19E-07	4.21E-07	0.00E+00	6.44E-07	0.00E+00	0.00E+00	8.13E-07	0.00E+00	0.00E+00	8.19E-07
2026	ALL	462438.8	3773243	NonCancer	0.00E+00	1.35E-08	8.13E-07	0.00E+00	0.00E+00	8.20E-07	4.22E-07	0.00E+00	6.44E-07	0.00E+00	0.00E+00	8.13E-07	0.00E+00	0.00E+00	8.20E-07
2027	ALL	462422.8	3773117	NonCancer	0.00E+00	1.43E-08	8.59E-07	0.00E+00	0.00E+00	8.66E-07	4.45E-07	0.00E+00	6.81E-07	0.00E+00	0.00E+00	8.59E-07	0.00E+00	0.00E+00	8.66E-07
2028	ALL	462426.4	3773108	NonCancer	0.00E+00	1.41E-08	8.51E-07	0.00E+00	0.00E+00	8.58E-07	4.41E-07	0.00E+00	6.74E-07	0.00E+00	0.00E+00	8.51E-07	0.00E+00	0.00E+00	8.58E-07
2029	ALL	462430.1	3773099	NonCancer	0.00E+00	1.41E-08	8.47E-07	0.00E+00	0.00E+00	8.54E-07	4.39E-07	0.00E+00	6.71E-07	0.00E+00	0.00E+00	8.47E-07	0.00E+00	0.00E+00	8.54E-07
2030	ALL	462433.8	3773090	NonCancer	0.00E+00	1.40E-08	8.44E-07	0.00E+00	0.00E+00	8.50E-07	4.37E-07	0.00E+00	6.68E-07	0.00E+00	0.00E+00	8.44E-07	0.00E+00	0.00E+00	8.50E-07
2031	ALL	462437.5	3773081	NonCancer	0.00E+00	1.39E-08	8.38E-07	0.00E+00	0.00E+00	8.45E-07	4.34E-07	0.00E+00	6.64E-07	0.00E+00	0.00E+00	8.38E-07	0.00E+00	0.00E+00	8.45E-07
2032	ALL	462448.5	3773054	NonCancer	0.00E+00	1.43E-08	8.59E-07	0.00E+00	0.00E+00	8.66E-07	4.45E-07	0.00E+00	6.81E-07	0.00E+00	0.00E+00	8.59E-07	0.00E+00	0.00E+00	8.66E-07
2033	ALL	462452.2	3773045	NonCancer	0.00E+00	1.44E-08	8.64E-07	0.00E+00	0.00E+00	8.71E-07	4.48E-07	0.00E+00	6.85E-07	0.00E+00	0.00E+00	8.64E-07	0.00E+00	0.00E+00	8.71E-07
2034	ALL	462455.9	3773035	NonCancer	0.00E+00	1.43E-08	8.60E-07	0.00E+00	0.00E+00	8.66E-07	4.46E-07	0.00E+00	6.81E-07	0.00E+00	0.00E+00	8.60E-07	0.00E+00	0.00E+00	8.66E-07
2035	ALL	462459.6	3773026	NonCancer	0.00E+00	1.42E-08	8.54E-07	0.00E+00	0.00E+00	8.61E-07	4.43E-07	0.00E+00	6.77E-07	0.00E+00	0.00E+00	8.54E-07	0.00E+00	0.00E+00	8.61E-07
2036	ALL	462463.3	3773017	NonCancer	0.00E+00	1.43E-08	8.63E-07	0.00E+00	0.00E+00	8.70E-07	4.47E-07	0.00E+00	6.84E-07	0.00E+00	0.00E+00	8.63E-07	0.00E+00	0.00E+00	8.70E-07
2037	ALL	462467	3773008	NonCancer	0.00E+00	1.43E-08	8.63E-07	0.00E+00	0.00E+00	8.70E-07	4.47E-07	0.00E+00	6.84E-07	0.00E+00	0.00E+00	8.63E-07	0.00E+00	0.00E+00	8.70E-07
2038	ALL	462470.6	3772999	NonCancer	0.00E+00	1.42E-08	8.54E-07	0.00E+00	0.00E+00	8.61E-07	4.43E-07	0.00E+00	6.77E-07	0.00E+00	0.00E+00	8.54E-07	0.00E+00	0.00E+00	8.61E-07
2039	ALL	462474.3	3772990	NonCancer	0.00E+00	1.39E-08	8.36E-07	0.00E+00	0.00E+00	8.43E-07	4.33E-07	0.00E+00	6.62E-07	0.00E+00	0.00E+00	8.36E-07	0.00E+00	0.00E+00	8.43E-07
2040	ALL	462478	3772981	NonCancer	0.00E+00	1.36E-08	8.17E-07	0.00E+00	0.00E+00	8.23E-07	4.23E-07	0.00E+00	6.47E-07	0.00E+00	0.00E+00	8.17E-07	0.00E+00	0.00E+00	8.23E-07
2041	ALL	462481.7	3772972	NonCancer	0.00E+00	1.35E-08	8.13E-07	0.00E+00	0.00E+00	8.19E-07	4.21E-07	0.00E+00	6.44E-07	0.00E+00	0.00E+00	8.13E-07	0.00E+00	0.00E+00	8.19E-07
2042	ALL	462485.4	3772963	NonCancer	0.00E+00	1.34E-08	8.05E-07	0.00E+00	0.00E+00	8.12E-07	4.18E-07	0.00E+00	6.38E-07	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	8.12E-07
2043	ALL	462489.1	3772954	NonCancer	0.00E+00	1.32E-08	7.95E-07	0.00E+00	0.00E+00	8.01E-07	4.12E-07	0.00E+00	6.30E-07	0.00E+00	0.00E+00	7.95E-07	0.00E+00	0.00E+00	8.01E-07
2044	ALL	462492.7	3772945	NonCancer	0.00E+00	1.30E-08	7.83E-07	0.00E+00	0.00E+00	7.89E-07	4.06E-07	0.00E+00	6.20E-07	0.00E+00	0.00E+00	7.83E-07	0.00E+00	0.00E+00	7.89E-07
2045	ALL	462496.4	3772936	NonCancer	0.00E+00	1.31E-08	7.91E-07	0.00E+00	0.00E+00	7.97E-07	4.10E-07	0.00E+00	6.27E-07	0.00E+00	0.00E+00	7.91E-07	0.00E+00	0.00E+00	7.97E-07
2046	ALL	462503.8	3772917	NonCancer	0.00E+00	1.48E-08	8.93E-07	0.00E+00	0.00E+00	9.00E-07	4.63E-07	0.00E+00	7.08E-07	0.00E+00	0.00E+00	8.93E-07	0.00E+00	0.00E+00	9.00E-07
2047	ALL	462507.5	3772908	NonCancer	0.00E+00	1.61E-08	9.66E-07	0.00E+00	0.00E+00	9.74E-07	5.01E-07	0.00E+00	7.66E-07	0.00E+00	0.00E+00	9.66E-07	0.00E+00	0.00E+00	9.74E-07
2048	ALL	462511.2	3772899	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.56E-07	0.00E+00	8.50E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
2049	ALL	462514.8	3772890	NonCancer	0.00E+00	1.97E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.14E-07	0.00E+00	9.39E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
2050	ALL	462536.9	3772836	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.05E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06

2051	ALL	462540.6	3772827	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.93E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
2052	ALL	462544.3	3772817	NonCancer	0.00E+00	2.47E-08	1.48E-06	0.00E+00	0.00E+00	1.50E-06	7.69E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.50E-06
2053	ALL	462548	3772808	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.36E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
2054	ALL	462551.7	3772799	NonCancer	0.00E+00	2.22E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.94E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
2055	ALL	462564.4	3772786	NonCancer	0.00E+00	1.97E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.15E-07	0.00E+00	9.40E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
2056	ALL	462573.4	3772783	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.03E-07	0.00E+00	9.21E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
2057	ALL	462582.5	3772779	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.87E-07	0.00E+00	8.97E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
2058	ALL	462591.5	3772775	NonCancer	0.00E+00	1.87E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.82E-07	0.00E+00	8.90E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
2059	ALL	462627.7	3772760	NonCancer	0.00E+00	1.77E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.52E-07	0.00E+00	8.43E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
2060	ALL	462636.7	3772756	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.45E-07	0.00E+00	8.34E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
2061	ALL	462645.8	3772752	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.41E-07	0.00E+00	8.27E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
2062	ALL	462654.8	3772749	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.35E-07	0.00E+00	8.18E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
2063	ALL	462663.8	3772745	NonCancer	0.00E+00	1.70E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.30E-07	0.00E+00	8.11E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
2064	ALL	462672.9	3772741	NonCancer	0.00E+00	1.68E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.24E-07	0.00E+00	8.01E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
2065	ALL	462681.9	3772737	NonCancer	0.00E+00	1.65E-08	9.90E-07	0.00E+00	0.00E+00	9.98E-07	5.14E-07	0.00E+00	7.85E-07	0.00E+00	0.00E+00	9.90E-07	0.00E+00	0.00E+00	9.98E-07
2066	ALL	462691	3772733	NonCancer	0.00E+00	1.61E-08	9.66E-07	0.00E+00	0.00E+00	9.74E-07	5.01E-07	0.00E+00	7.66E-07	0.00E+00	0.00E+00	9.66E-07	0.00E+00	0.00E+00	9.74E-07
2067	ALL	462718.1	3772722	NonCancer	0.00E+00	1.70E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.29E-07	0.00E+00	8.09E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
2068	ALL	462727.1	3772718	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.50E-07	0.00E+00	8.40E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
2069	ALL	462736.2	3772715	NonCancer	0.00E+00	1.82E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.67E-07	0.00E+00	8.66E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
2070	ALL	462745.2	3772711	NonCancer	0.00E+00	1.86E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.80E-07	0.00E+00	8.86E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
2071	ALL	462754.2	3772707	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.88E-07	0.00E+00	8.98E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
2072	ALL	462799.4	3772688	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.36E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
2073	ALL	462808.5	3772684	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.04E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
2074	ALL	462817.5	3772680	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.65E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
2075	ALL	462826.5	3772677	NonCancer	0.00E+00	2.94E-08	1.77E-06	0.00E+00	0.00E+00	1.78E-06	9.17E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.78E-06
2076	ALL	462835.6	3772673	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.86E-06	9.56E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.86E-06
2077	ALL	462844.6	3772669	NonCancer	0.00E+00	3.16E-08	1.90E-06	0.00E+00	0.00E+00	1.92E-06	9.87E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.92E-06
2078	ALL	462853.7	3772665	NonCancer	0.00E+00	3.22E-08	1.94E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.95E-06
2079	ALL	462862.7	3772662	NonCancer	0.00E+00	3.23E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
2080	ALL	462871.7	3772658	NonCancer	0.00E+00	3.19E-08	1.92E-06	0.00E+00	0.00E+00	1.93E-06	9.96E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.93E-06
2081	ALL	462880.8	3772654	NonCancer	0.00E+00	3.11E-08	1.87E-06	0.00E+00	0.00E+00	1.88E-06	9.69E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.88E-06
2082	ALL	462889.8	3772650	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.32E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
2083	ALL	462898.9	3772646	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.86E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
2084	ALL	462907.9	3772643	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.34E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
2085	ALL	462381.7	3773145	NonCancer	0.00E+00	1.28E-08	7.68E-07	0.00E+00	0.00E+00	7.74E-07	3.98E-07	0.00E+00	6.09E-07	0.00E+00	0.00E+00	7.68E-07	0.00E+00	0.00E+00	7.74E-07
2086	ALL	462385.5	3773135	NonCancer	0.00E+00	1.32E-08	7.92E-07	0.00E+00	0.00E+00	7.98E-07	4.11E-07	0.00E+00	6.27E-07	0.00E+00	0.00E+00	7.92E-07	0.00E+00	0.00E+00	7.98E-07
2087	ALL	462389.2	3773126	NonCancer	0.00E+00	1.34E-08	8.07E-07	0.00E+00	0.00E+00	8.13E-07	4.18E-07	0.00E+00	6.39E-07	0.00E+00	0.00E+00	8.07E-07	0.00E+00	0.00E+00	8.13E-07
2088	ALL	462392.9	3773117	NonCancer	0.00E+00	1.35E-08	8.12E-07	0.00E+00	0.00E+00	8.18E-07	4.21E-07	0.00E+00	6.43E-07	0.00E+00	0.00E+00	8.12E-07	0.00E+00	0.00E+00	8.18E-07
2089	ALL	462396.6	3773108	NonCancer	0.00E+00	1.34E-08	8.05E-07	0.00E+00	0.00E+00	8.11E-07	4.17E-07	0.00E+00	6.38E-07	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	8.11E-07
2090	ALL	462400.3	3773099	NonCancer	0.00E+00	1.33E-08	7.99E-07	0.00E+00	0.00E+00	8.05E-07	4.14E-07	0.00E+00	6.33E-07	0.00E+00	0.00E+00	7.99E-07	0.00E+00	0.00E+00	8.05E-07
2091	ALL	462404	3773090	NonCancer	0.00E+00	1.32E-08	7.96E-07	0.00E+00	0.00E+00	8.02E-07	4.13E-07	0.00E+00	6.31E-07	0.00E+00	0.00E+00	7.96E-07	0.00E+00	0.00E+00	8.02E-07
2092	ALL	462407.7	3773081	NonCancer	0.00E+00	1.32E-08	7.93E-07	0.00E+00	0.00E+00	7.99E-07	4.11E-07	0.00E+00	6.28E-07	0.00E+00	0.00E+00	7.93E-07	0.00E+00	0.00E+00	7.99E-07
2093	ALL	462422.6	3773044	NonCancer	0.00E+00	1.34E-08	8.09E-07	0.00E+00	0.00E+00	8.15E-07	4.19E-07	0.00E+00	6.41E-07	0.00E+00	0.00E+00	8.09E-07	0.00E+00	0.00E+00	8.15E-07
2094	ALL	462426.3	3773035	NonCancer	0.00E+00	1.35E-08	8.11E-07	0.00E+00	0.00E+00	8.17E-07	4.20E-07	0.00E+00	6.43E-07	0.00E+00	0.00E+00	8.11E-07	0.00E+00	0.00E+00	8.17E-07
2095	ALL	462430	3773026	NonCancer	0.00E+00	1.34E-08	8.04E-07	0.00E+00	0.00E+00	8.10E-07	4.17E-07	0.00E+00	6.37E-07	0.00E+00	0.00E+00	8.04E-07	0.00E+00	0.00E+00	8.10E-07
2096	ALL	462433.7	3773016	NonCancer	0.00E+00	1.35E-08	8.11E-07	0.00E+00	0.00E+00	8.18E-07	4.21E-07	0.00E+00	6.43E-07	0.00E+00	0.00E+00	8.11E-07	0.00E+00	0.00E+00	8.18E-07
2097	ALL	462437.5	3773007	NonCancer	0.00E+00	1.36E-08	8.18E-07	0.00E+00	0.00E+00	8.24E-07	4.24E-07	0.00E+00	6.48E-07	0.00E+00	0.00E+00	8.18E-07	0.00E+00	0.00E+00	8.24E-07
2098	ALL	462441.2	3772998	NonCancer	0.00E+00	1.36E-08	8.16E-07	0.00E+00	0.00E+00	8.22E-07	4.23E-07	0.00E+00	6.47E-07	0.00E+00	0.00E+00	8.16E-07	0.00E+00	0.00E+00	8.22E-07
2099	ALL	462444.9	3772989	NonCancer	0.00E+00	1.34E-08	8.06E-07	0.00E+00	0.00E+00	8.13E-07	4.18E-07	0.00E+00	6.39E-07	0.00E+00	0.00E+00	8.06E-07	0.00E+00	0.00E+00	8.13E-07
2100	ALL	462448.6	3772980	NonCancer	0.00E+00	1.31E-08	7.89E-07	0.00E+00	0.00E+00	7.96E-07	4.09E-07	0.00E+00	6.25E-07	0.00E+00	0.00E+00	7.89E-07	0.00E+00	0.00E+00	7.96E-07
2101	ALL	462452.3	3772971	NonCancer	0.00E+00	1.29E-08	7.77E-07	0.00E+00	0.00E+00	7.83E-07	4.03E-07	0.00E+00	6.15E-07	0.00E+00	0.00E+00	7.77E-07	0.00E+00	0.00E+00	7.83E-07
2102	ALL	462456	3772961	NonCancer	0.00E+00	1.29E-08	7.75E-07	0.00E+00	0.00E+00	7.81E-07	4.02E-07	0.00E+00	6.14E-07	0.00E+00	0.00E+00	7.75E-07	0.00E+00	0.00E+00	7.81E-07
2103	ALL	462459.7	3772952	NonCancer	0.00E+00	1.28E-08	7.68E-07	0.00E+00	0.00E+00	7.74E-07	3.98E-07	0.00E+00	6.09E-07	0.00E+00	0.00E+00	7.68E-07	0.00E+00	0.00E+00	7.74E-07
2104	ALL	462463.5	3772943	NonCancer	0.00E+00	1.26E-08	7.56E-07	0.00E+00	0.00E+00	7.62E-07	3.92E-07	0.00E+00	5.99E-07	0.00E+00	0.00E+00	7.56E-07	0.00E+00	0.00E+00	7.62E-07

2105	ALL	462467.2	3772934	NonCancer	0.00E+00	1.24E-08	7.46E-07	0.00E+00	0.00E+00	7.52E-07	3.87E-07	0.00E+00	5.91E-07	0.00E+00	0.00E+00	7.46E-07	0.00E+00	0.00E+00	7.52E-07
2106	ALL	462474.6	3772916	NonCancer	0.00E+00	1.28E-08	7.72E-07	0.00E+00	0.00E+00	7.78E-07	4.00E-07	0.00E+00	6.11E-07	0.00E+00	0.00E+00	7.72E-07	0.00E+00	0.00E+00	7.78E-07
2107	ALL	462478.3	3772907	NonCancer	0.00E+00	1.35E-08	8.14E-07	0.00E+00	0.00E+00	8.20E-07	4.22E-07	0.00E+00	6.45E-07	0.00E+00	0.00E+00	8.14E-07	0.00E+00	0.00E+00	8.20E-07
2108	ALL	462482	3772897	NonCancer	0.00E+00	1.45E-08	8.71E-07	0.00E+00	0.00E+00	8.78E-07	4.52E-07	0.00E+00	6.90E-07	0.00E+00	0.00E+00	8.71E-07	0.00E+00	0.00E+00	8.78E-07
2109	ALL	462485.7	3772888	NonCancer	0.00E+00	1.58E-08	9.51E-07	0.00E+00	0.00E+00	9.59E-07	4.93E-07	0.00E+00	7.54E-07	0.00E+00	0.00E+00	9.51E-07	0.00E+00	0.00E+00	9.59E-07
2110	ALL	462508	3772833	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.43E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
2111	ALL	462511.7	3772824	NonCancer	0.00E+00	2.41E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.51E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
2112	ALL	462515.5	3772815	NonCancer	0.00E+00	2.40E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.48E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
2113	ALL	462519.2	3772806	NonCancer	0.00E+00	2.35E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.34E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
2114	ALL	462522.9	3772797	NonCancer	0.00E+00	2.28E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.10E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
2115	ALL	462526.6	3772787	NonCancer	0.00E+00	2.17E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.77E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
2116	ALL	462530.3	3772778	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.36E-07	0.00E+00	9.72E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
2117	ALL	462543.1	3772765	NonCancer	0.00E+00	1.82E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.67E-07	0.00E+00	8.67E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
2118	ALL	462552.3	3772762	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.56E-07	0.00E+00	8.50E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
2119	ALL	462561.4	3772758	NonCancer	0.00E+00	1.74E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.43E-07	0.00E+00	8.30E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
2120	ALL	462570.5	3772754	NonCancer	0.00E+00	1.74E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.44E-07	0.00E+00	8.31E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
2121	ALL	462579.6	3772750	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.40E-07	0.00E+00	8.25E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
2122	ALL	462588.7	3772746	NonCancer	0.00E+00	1.70E-08	1.03E-06	0.00E+00	0.00E+00	1.03E-06	5.32E-07	0.00E+00	8.13E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.03E-06
2123	ALL	462597.8	3772742	NonCancer	0.00E+00	1.67E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.20E-07	0.00E+00	7.95E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
2124	ALL	462634.3	3772727	NonCancer	0.00E+00	1.60E-08	9.62E-07	0.00E+00	0.00E+00	9.70E-07	4.99E-07	0.00E+00	7.62E-07	0.00E+00	0.00E+00	9.62E-07	0.00E+00	0.00E+00	9.70E-07
2125	ALL	462643.4	3772723	NonCancer	0.00E+00	1.59E-08	9.56E-07	0.00E+00	0.00E+00	9.64E-07	4.96E-07	0.00E+00	7.58E-07	0.00E+00	0.00E+00	9.56E-07	0.00E+00	0.00E+00	9.64E-07
2126	ALL	462652.5	3772720	NonCancer	0.00E+00	1.58E-08	9.48E-07	0.00E+00	0.00E+00	9.56E-07	4.92E-07	0.00E+00	7.52E-07	0.00E+00	0.00E+00	9.48E-07	0.00E+00	0.00E+00	9.56E-07
2127	ALL	462661.6	3772716	NonCancer	0.00E+00	1.55E-08	9.33E-07	0.00E+00	0.00E+00	9.41E-07	4.84E-07	0.00E+00	7.40E-07	0.00E+00	0.00E+00	9.33E-07	0.00E+00	0.00E+00	9.41E-07
2128	ALL	462670.8	3772712	NonCancer	0.00E+00	1.52E-08	9.14E-07	0.00E+00	0.00E+00	9.21E-07	4.74E-07	0.00E+00	7.24E-07	0.00E+00	0.00E+00	9.14E-07	0.00E+00	0.00E+00	9.21E-07
2129	ALL	462679.9	3772708	NonCancer	0.00E+00	1.48E-08	8.92E-07	0.00E+00	0.00E+00	8.99E-07	4.62E-07	0.00E+00	7.07E-07	0.00E+00	0.00E+00	8.92E-07	0.00E+00	0.00E+00	8.99E-07
2130	ALL	462725.5	3772689	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.34E-07	0.00E+00	8.17E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
2131	ALL	462734.6	3772685	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.45E-07	0.00E+00	8.32E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
2132	ALL	462743.7	3772681	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.50E-07	0.00E+00	8.41E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
2133	ALL	462752.8	3772678	NonCancer	0.00E+00	1.77E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.52E-07	0.00E+00	8.43E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
2134	ALL	462761.9	3772674	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.48E-07	0.00E+00	8.38E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
2135	ALL	462771	3772670	NonCancer	0.00E+00	1.81E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.65E-07	0.00E+00	8.63E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
2136	ALL	462780.1	3772666	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.23E-07	0.00E+00	9.53E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
2137	ALL	462789.3	3772662	NonCancer	0.00E+00	2.20E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.86E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
2138	ALL	462798.4	3772658	NonCancer	0.00E+00	2.40E-08	1.44E-06	0.00E+00	0.00E+00	1.46E-06	7.49E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.46E-06
2139	ALL	462807.5	3772655	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.57E-06	8.06E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.57E-06
2140	ALL	462816.6	3772651	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.54E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
2141	ALL	462825.7	3772647	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.91E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
2142	ALL	462834.8	3772643	NonCancer	0.00E+00	2.95E-08	1.77E-06	0.00E+00	0.00E+00	1.79E-06	9.20E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.79E-06
2143	ALL	462844	3772639	NonCancer	0.00E+00	3.01E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.38E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
2144	ALL	462853.1	3772636	NonCancer	0.00E+00	3.03E-08	1.82E-06	0.00E+00	0.00E+00	1.84E-06	9.45E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.84E-06
2145	ALL	462862.2	3772632	NonCancer	0.00E+00	3.00E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.37E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
2146	ALL	462871.3	3772628	NonCancer	0.00E+00	2.94E-08	1.77E-06	0.00E+00	0.00E+00	1.78E-06	9.16E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.78E-06
2147	ALL	462880.4	3772624	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.85E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
2148	ALL	462889.5	3772620	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.45E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
2149	ALL	462898.6	3772616	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	8.00E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
2150	ALL	462907.8	3772613	NonCancer	0.00E+00	2.41E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.52E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
2151	ALL	462378	3773154	NonCancer	0.00E+00	1.26E-08	7.59E-07	0.00E+00	0.00E+00	7.65E-07	3.94E-07	0.00E+00	6.02E-07	0.00E+00	0.00E+00	7.59E-07	0.00E+00	0.00E+00	7.65E-07
2152	ALL	462378.1	3773164	NonCancer	0.00E+00	1.25E-08	7.53E-07	0.00E+00	0.00E+00	7.59E-07	3.90E-07	0.00E+00	5.97E-07	0.00E+00	0.00E+00	7.53E-07	0.00E+00	0.00E+00	7.59E-07
2153	ALL	462378.2	3773174	NonCancer	0.00E+00	1.23E-08	7.41E-07	0.00E+00	0.00E+00	7.47E-07	3.84E-07	0.00E+00	5.87E-07	0.00E+00	0.00E+00	7.41E-07	0.00E+00	0.00E+00	7.47E-07
2154	ALL	462378.3	3773184	NonCancer	0.00E+00	1.21E-08	7.31E-07	0.00E+00	0.00E+00	7.36E-07	3.79E-07	0.00E+00	5.79E-07	0.00E+00	0.00E+00	7.31E-07	0.00E+00	0.00E+00	7.36E-07
2155	ALL	462378.4	3773194	NonCancer	0.00E+00	1.21E-08	7.28E-07	0.00E+00	0.00E+00	7.34E-07	3.77E-07	0.00E+00	5.77E-07	0.00E+00	0.00E+00	7.28E-07	0.00E+00	0.00E+00	7.34E-07
2156	ALL	462378.5	3773204	NonCancer	0.00E+00	1.22E-08	7.32E-07	0.00E+00	0.00E+00	7.37E-07	3.79E-07	0.00E+00	5.80E-07	0.00E+00	0.00E+00	7.32E-07	0.00E+00	0.00E+00	7.37E-07
2157	ALL	462378.6	3773214	NonCancer	0.00E+00	1.22E-08	7.34E-07	0.00E+00	0.00E+00	7.40E-07	3.80E-07	0.00E+00	5.81E-07	0.00E+00	0.00E+00	7.34E-07	0.00E+00	0.00E+00	7.40E-07
2158	ALL	462378.7	3773223	NonCancer	0.00E+00	1.22E-08	7.34E-07	0.00E+00	0.00E+00	7.40E-07	3.80E-07	0.00E+00	5.81E-07	0.00E+00	0.00E+00	7.34E-07	0.00E+00	0.00E+00	7.40E-07

2159	ALL	462378.8	3773233	NonCancer	0.00E+00	1.21E-08	7.31E-07	0.00E+00	0.00E+00	7.37E-07	3.79E-07	0.00E+00	5.79E-07	0.00E+00	0.00E+00	7.31E-07	0.00E+00	0.00E+00	7.37E-07
2160	ALL	462378.8	3773243	NonCancer	0.00E+00	1.21E-08	7.27E-07	0.00E+00	0.00E+00	7.33E-07	3.77E-07	0.00E+00	5.76E-07	0.00E+00	0.00E+00	7.27E-07	0.00E+00	0.00E+00	7.33E-07
2161	ALL	462351.7	3773145	NonCancer	0.00E+00	1.20E-08	7.23E-07	0.00E+00	0.00E+00	7.29E-07	3.75E-07	0.00E+00	5.73E-07	0.00E+00	0.00E+00	7.23E-07	0.00E+00	0.00E+00	7.29E-07
2162	ALL	462355.3	3773136	NonCancer	0.00E+00	1.23E-08	7.40E-07	0.00E+00	0.00E+00	7.46E-07	3.84E-07	0.00E+00	5.87E-07	0.00E+00	0.00E+00	7.40E-07	0.00E+00	0.00E+00	7.46E-07
2163	ALL	462359	3773127	NonCancer	0.00E+00	1.26E-08	7.59E-07	0.00E+00	0.00E+00	7.65E-07	3.93E-07	0.00E+00	6.01E-07	0.00E+00	0.00E+00	7.59E-07	0.00E+00	0.00E+00	7.65E-07
2164	ALL	462362.7	3773118	NonCancer	0.00E+00	1.28E-08	7.69E-07	0.00E+00	0.00E+00	7.75E-07	3.98E-07	0.00E+00	6.09E-07	0.00E+00	0.00E+00	7.69E-07	0.00E+00	0.00E+00	7.75E-07
2165	ALL	462366.3	3773109	NonCancer	0.00E+00	1.28E-08	7.70E-07	0.00E+00	0.00E+00	7.76E-07	3.99E-07	0.00E+00	6.10E-07	0.00E+00	0.00E+00	7.70E-07	0.00E+00	0.00E+00	7.76E-07
2166	ALL	462370	3773100	NonCancer	0.00E+00	1.27E-08	7.65E-07	0.00E+00	0.00E+00	7.71E-07	3.97E-07	0.00E+00	6.06E-07	0.00E+00	0.00E+00	7.65E-07	0.00E+00	0.00E+00	7.71E-07
2167	ALL	462373.6	3773091	NonCancer	0.00E+00	1.27E-08	7.63E-07	0.00E+00	0.00E+00	7.69E-07	3.96E-07	0.00E+00	6.05E-07	0.00E+00	0.00E+00	7.63E-07	0.00E+00	0.00E+00	7.69E-07
2168	ALL	462377.3	3773082	NonCancer	0.00E+00	1.26E-08	7.60E-07	0.00E+00	0.00E+00	7.66E-07	3.94E-07	0.00E+00	6.03E-07	0.00E+00	0.00E+00	7.60E-07	0.00E+00	0.00E+00	7.66E-07
2169	ALL	462381	3773073	NonCancer	0.00E+00	1.25E-08	7.54E-07	0.00E+00	0.00E+00	7.60E-07	3.91E-07	0.00E+00	5.97E-07	0.00E+00	0.00E+00	7.54E-07	0.00E+00	0.00E+00	7.60E-07
2170	ALL	462388.3	3773055	NonCancer	0.00E+00	1.23E-08	7.41E-07	0.00E+00	0.00E+00	7.47E-07	3.84E-07	0.00E+00	5.87E-07	0.00E+00	0.00E+00	7.41E-07	0.00E+00	0.00E+00	7.47E-07
2171	ALL	462391.9	3773046	NonCancer	0.00E+00	1.25E-08	7.53E-07	0.00E+00	0.00E+00	7.59E-07	3.90E-07	0.00E+00	5.97E-07	0.00E+00	0.00E+00	7.53E-07	0.00E+00	0.00E+00	7.59E-07
2172	ALL	462395.6	3773037	NonCancer	0.00E+00	1.27E-08	7.65E-07	0.00E+00	0.00E+00	7.71E-07	3.97E-07	0.00E+00	6.06E-07	0.00E+00	0.00E+00	7.65E-07	0.00E+00	0.00E+00	7.71E-07
2173	ALL	462399.3	3773028	NonCancer	0.00E+00	1.28E-08	7.70E-07	0.00E+00	0.00E+00	7.77E-07	3.99E-07	0.00E+00	6.10E-07	0.00E+00	0.00E+00	7.70E-07	0.00E+00	0.00E+00	7.77E-07
2174	ALL	462402.9	3773019	NonCancer	0.00E+00	1.27E-08	7.65E-07	0.00E+00	0.00E+00	7.71E-07	3.97E-07	0.00E+00	6.06E-07	0.00E+00	0.00E+00	7.65E-07	0.00E+00	0.00E+00	7.71E-07
2175	ALL	462424.9	3772965	NonCancer	0.00E+00	1.23E-08	7.39E-07	0.00E+00	0.00E+00	7.45E-07	3.83E-07	0.00E+00	5.85E-07	0.00E+00	0.00E+00	7.39E-07	0.00E+00	0.00E+00	7.45E-07
2176	ALL	462428.5	3772956	NonCancer	0.00E+00	1.22E-08	7.35E-07	0.00E+00	0.00E+00	7.41E-07	3.81E-07	0.00E+00	5.83E-07	0.00E+00	0.00E+00	7.35E-07	0.00E+00	0.00E+00	7.41E-07
2177	ALL	462432.2	3772947	NonCancer	0.00E+00	1.21E-08	7.31E-07	0.00E+00	0.00E+00	7.37E-07	3.79E-07	0.00E+00	5.79E-07	0.00E+00	0.00E+00	7.31E-07	0.00E+00	0.00E+00	7.37E-07
2178	ALL	462435.9	3772938	NonCancer	0.00E+00	1.20E-08	7.23E-07	0.00E+00	0.00E+00	7.28E-07	3.75E-07	0.00E+00	5.73E-07	0.00E+00	0.00E+00	7.23E-07	0.00E+00	0.00E+00	7.28E-07
2179	ALL	462446.8	3772910	NonCancer	0.00E+00	1.18E-08	7.08E-07	0.00E+00	0.00E+00	7.13E-07	3.67E-07	0.00E+00	5.61E-07	0.00E+00	0.00E+00	7.08E-07	0.00E+00	0.00E+00	7.13E-07
2180	ALL	462450.5	3772901	NonCancer	0.00E+00	1.21E-08	7.26E-07	0.00E+00	0.00E+00	7.32E-07	3.77E-07	0.00E+00	5.76E-07	0.00E+00	0.00E+00	7.26E-07	0.00E+00	0.00E+00	7.32E-07
2181	ALL	462454.1	3772892	NonCancer	0.00E+00	1.26E-08	7.61E-07	0.00E+00	0.00E+00	7.67E-07	3.95E-07	0.00E+00	6.03E-07	0.00E+00	0.00E+00	7.61E-07	0.00E+00	0.00E+00	7.67E-07
2182	ALL	462457.8	3772883	NonCancer	0.00E+00	1.34E-08	8.08E-07	0.00E+00	0.00E+00	8.15E-07	4.19E-07	0.00E+00	6.41E-07	0.00E+00	0.00E+00	8.08E-07	0.00E+00	0.00E+00	8.15E-07
2183	ALL	462479.8	3772829	NonCancer	0.00E+00	2.14E-08	1.28E-06	0.00E+00	0.00E+00	1.30E-06	6.66E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.30E-06
2184	ALL	462483.4	3772820	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.89E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
2185	ALL	462487.1	3772811	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.02E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
2186	ALL	462490.7	3772802	NonCancer	0.00E+00	2.26E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.05E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
2187	ALL	462494.4	3772793	NonCancer	0.00E+00	2.24E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.98E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
2188	ALL	462498.1	3772784	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.80E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
2189	ALL	462501.7	3772775	NonCancer	0.00E+00	2.10E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.54E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
2190	ALL	462505.4	3772766	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.21E-07	0.00E+00	9.49E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
2191	ALL	462509	3772757	NonCancer	0.00E+00	1.87E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.82E-07	0.00E+00	8.90E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
2192	ALL	462521.7	3772744	NonCancer	0.00E+00	1.69E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.27E-07	0.00E+00	8.06E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
2193	ALL	462530.7	3772741	NonCancer	0.00E+00	1.66E-08	9.98E-07	0.00E+00	0.00E+00	1.01E-06	5.17E-07	0.00E+00	7.91E-07	0.00E+00	0.00E+00	9.98E-07	0.00E+00	0.00E+00	1.01E-06
2194	ALL	462539.6	3772737	NonCancer	0.00E+00	1.64E-08	9.84E-07	0.00E+00	0.00E+00	9.92E-07	5.10E-07	0.00E+00	7.80E-07	0.00E+00	0.00E+00	9.84E-07	0.00E+00	0.00E+00	9.92E-07
2195	ALL	462548.6	3772733	NonCancer	0.00E+00	1.64E-08	9.85E-07	0.00E+00	0.00E+00	9.93E-07	5.11E-07	0.00E+00	7.80E-07	0.00E+00	0.00E+00	9.85E-07	0.00E+00	0.00E+00	9.93E-07
2196	ALL	462557.6	3772729	NonCancer	0.00E+00	1.62E-08	9.78E-07	0.00E+00	0.00E+00	9.86E-07	5.07E-07	0.00E+00	7.75E-07	0.00E+00	0.00E+00	9.78E-07	0.00E+00	0.00E+00	9.86E-07
2197	ALL	462566.6	3772726	NonCancer	0.00E+00	1.60E-08	9.62E-07	0.00E+00	0.00E+00	9.70E-07	4.99E-07	0.00E+00	7.63E-07	0.00E+00	0.00E+00	9.62E-07	0.00E+00	0.00E+00	9.70E-07
2198	ALL	462575.6	3772722	NonCancer	0.00E+00	1.56E-08	9.42E-07	0.00E+00	0.00E+00	9.49E-07	4.88E-07	0.00E+00	7.46E-07	0.00E+00	0.00E+00	9.42E-07	0.00E+00	0.00E+00	9.49E-07
2199	ALL	462584.5	3772718	NonCancer	0.00E+00	1.54E-08	9.29E-07	0.00E+00	0.00E+00	9.37E-07	4.82E-07	0.00E+00	7.36E-07	0.00E+00	0.00E+00	9.29E-07	0.00E+00	0.00E+00	9.37E-07
2200	ALL	462593.5	3772714	NonCancer	0.00E+00	1.52E-08	9.17E-07	0.00E+00	0.00E+00	9.24E-07	4.75E-07	0.00E+00	7.27E-07	0.00E+00	0.00E+00	9.17E-07	0.00E+00	0.00E+00	9.24E-07
2201	ALL	462656.4	3772688	NonCancer	0.00E+00	1.43E-08	8.60E-07	0.00E+00	0.00E+00	8.67E-07	4.46E-07	0.00E+00	6.82E-07	0.00E+00	0.00E+00	8.60E-07	0.00E+00	0.00E+00	8.67E-07
2202	ALL	462665.4	3772684	NonCancer	0.00E+00	1.40E-08	8.40E-07	0.00E+00	0.00E+00	8.47E-07	4.36E-07	0.00E+00	6.66E-07	0.00E+00	0.00E+00	8.40E-07	0.00E+00	0.00E+00	8.47E-07
2203	ALL	462674.3	3772680	NonCancer	0.00E+00	1.41E-08	8.47E-07	0.00E+00	0.00E+00	8.54E-07	4.39E-07	0.00E+00	6.71E-07	0.00E+00	0.00E+00	8.47E-07	0.00E+00	0.00E+00	8.54E-07
2204	ALL	462683.3	3772677	NonCancer	0.00E+00	1.46E-08	8.79E-07	0.00E+00	0.00E+00	8.86E-07	4.56E-07	0.00E+00	6.97E-07	0.00E+00	0.00E+00	8.79E-07	0.00E+00	0.00E+00	8.86E-07
2205	ALL	462692.3	3772673	NonCancer	0.00E+00	1.51E-08	9.10E-07	0.00E+00	0.00E+00	9.17E-07	4.72E-07	0.00E+00	7.21E-07	0.00E+00	0.00E+00	9.10E-07	0.00E+00	0.00E+00	9.17E-07
2206	ALL	462701.3	3772669	NonCancer	0.00E+00	1.56E-08	9.40E-07	0.00E+00	0.00E+00	9.48E-07	4.88E-07	0.00E+00	7.45E-07	0.00E+00	0.00E+00	9.40E-07	0.00E+00	0.00E+00	9.48E-07
2207	ALL	462710.3	3772665	NonCancer	0.00E+00	1.60E-08	9.65E-07	0.00E+00	0.00E+00	9.72E-07	5.00E-07	0.00E+00	7.65E-07	0.00E+00	0.00E+00	9.65E-07	0.00E+00	0.00E+00	9.72E-07
2208	ALL	462719.2	3772662	NonCancer	0.00E+00	1.63E-08	9.83E-07	0.00E+00	0.00E+00	9.91E-07	5.10E-07	0.00E+00	7.79E-07	0.00E+00	0.00E+00	9.83E-07	0.00E+00	0.00E+00	9.91E-07
2209	ALL	462728.2	3772658	NonCancer	0.00E+00	1.65E-08	9.94E-07	0.00E+00	0.00E+00	1.00E-06	5.15E-07	0.00E+00	7.88E-07	0.00E+00	0.00E+00	9.94E-07	0.00E+00	0.00E+00	1.00E-06
2210	ALL	462737.2	3772654	NonCancer	0.00E+00	1.66E-08	9.98E-07	0.00E+00	0.00E+00	1.01E-06	5.17E-07	0.00E+00	7.91E-07	0.00E+00	0.00E+00	9.98E-07	0.00E+00	0.00E+00	1.01E-06
2211	ALL	462746.2	3772650	NonCancer	0.00E+00	1.65E-08	9.93E-07	0.00E+00	0.00E+00	1.00E-06	5.15E-07	0.00E+00	7.87E-07	0.00E+00	0.00E+00	9.93E-07	0.00E+00	0.00E+00	1.00E-06
2212	ALL	462755.2	3772647	NonCancer	0.00E+00	1.63E-08	9.83E-07	0.00E+00	0.00E+00	9.91E-07	5.10E-07	0.00E+00	7.79E-07	0.00E+00	0.00E+00	9.83E-07	0.00E+00	0.00E+00	9.91E-07

2213	ALL	462764.1	3772643	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.48E-07	0.00E+00	8.38E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
2214	ALL	462773.1	3772639	NonCancer	0.00E+00	1.94E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.04E-07	0.00E+00	9.23E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
2215	ALL	462782.1	3772635	NonCancer	0.00E+00	2.12E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.62E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
2216	ALL	462791.1	3772631	NonCancer	0.00E+00	2.30E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.17E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
2217	ALL	462800.1	3772628	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.66E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
2218	ALL	462809.1	3772624	NonCancer	0.00E+00	2.59E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.08E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
2219	ALL	462818	3772620	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.40E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
2220	ALL	462827	3772616	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.65E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
2221	ALL	462836	3772613	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.81E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
2222	ALL	462845	3772609	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.88E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
2223	ALL	462854	3772605	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.82E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
2224	ALL	462862.9	3772601	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.65E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
2225	ALL	462871.9	3772598	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.38E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
2226	ALL	462880.9	3772594	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.04E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
2227	ALL	462889.9	3772590	NonCancer	0.00E+00	2.45E-08	1.47E-06	0.00E+00	0.00E+00	1.49E-06	7.65E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.49E-06
2228	ALL	462898.9	3772586	NonCancer	0.00E+00	2.32E-08	1.39E-06	0.00E+00	0.00E+00	1.41E-06	7.23E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.41E-06
2229	ALL	462907.8	3772583	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.80E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
2230	ALL	462348	3773154	NonCancer	0.00E+00	1.19E-08	7.15E-07	0.00E+00	0.00E+00	7.21E-07	3.71E-07	0.00E+00	5.67E-07	0.00E+00	0.00E+00	7.15E-07	0.00E+00	0.00E+00	7.21E-07
2231	ALL	462348.1	3773164	NonCancer	0.00E+00	1.18E-08	7.07E-07	0.00E+00	0.00E+00	7.13E-07	3.67E-07	0.00E+00	5.60E-07	0.00E+00	0.00E+00	7.07E-07	0.00E+00	0.00E+00	7.13E-07
2232	ALL	462348.2	3773174	NonCancer	0.00E+00	1.16E-08	6.99E-07	0.00E+00	0.00E+00	7.04E-07	3.62E-07	0.00E+00	5.53E-07	0.00E+00	0.00E+00	6.99E-07	0.00E+00	0.00E+00	7.04E-07
2233	ALL	462348.3	3773184	NonCancer	0.00E+00	1.15E-08	6.95E-07	0.00E+00	0.00E+00	7.00E-07	3.60E-07	0.00E+00	5.50E-07	0.00E+00	0.00E+00	6.95E-07	0.00E+00	0.00E+00	7.00E-07
2234	ALL	462348.4	3773194	NonCancer	0.00E+00	1.15E-08	6.92E-07	0.00E+00	0.00E+00	6.98E-07	3.59E-07	0.00E+00	5.49E-07	0.00E+00	0.00E+00	6.92E-07	0.00E+00	0.00E+00	6.98E-07
2235	ALL	462348.5	3773204	NonCancer	0.00E+00	1.16E-08	6.96E-07	0.00E+00	0.00E+00	7.02E-07	3.61E-07	0.00E+00	5.52E-07	0.00E+00	0.00E+00	6.96E-07	0.00E+00	0.00E+00	7.02E-07
2236	ALL	462348.6	3773214	NonCancer	0.00E+00	1.16E-08	6.99E-07	0.00E+00	0.00E+00	7.04E-07	3.62E-07	0.00E+00	5.53E-07	0.00E+00	0.00E+00	6.99E-07	0.00E+00	0.00E+00	7.04E-07
2237	ALL	462348.7	3773224	NonCancer	0.00E+00	1.16E-08	6.98E-07	0.00E+00	0.00E+00	7.04E-07	3.62E-07	0.00E+00	5.53E-07	0.00E+00	0.00E+00	6.98E-07	0.00E+00	0.00E+00	7.04E-07
2238	ALL	462348.8	3773234	NonCancer	0.00E+00	1.16E-08	6.96E-07	0.00E+00	0.00E+00	7.01E-07	3.61E-07	0.00E+00	5.51E-07	0.00E+00	0.00E+00	6.96E-07	0.00E+00	0.00E+00	7.01E-07
2239	ALL	462348.8	3773244	NonCancer	0.00E+00	1.15E-08	6.91E-07	0.00E+00	0.00E+00	6.97E-07	3.58E-07	0.00E+00	5.48E-07	0.00E+00	0.00E+00	6.91E-07	0.00E+00	0.00E+00	6.97E-07
2240	ALL	462325.4	3773136	NonCancer	0.00E+00	1.16E-08	6.99E-07	0.00E+00	0.00E+00	7.04E-07	3.62E-07	0.00E+00	5.53E-07	0.00E+00	0.00E+00	6.99E-07	0.00E+00	0.00E+00	7.04E-07
2241	ALL	462329.1	3773127	NonCancer	0.00E+00	1.19E-08	7.17E-07	0.00E+00	0.00E+00	7.22E-07	3.71E-07	0.00E+00	5.68E-07	0.00E+00	0.00E+00	7.17E-07	0.00E+00	0.00E+00	7.22E-07
2242	ALL	462332.8	3773118	NonCancer	0.00E+00	1.21E-08	7.28E-07	0.00E+00	0.00E+00	7.34E-07	3.77E-07	0.00E+00	5.77E-07	0.00E+00	0.00E+00	7.28E-07	0.00E+00	0.00E+00	7.34E-07
2243	ALL	462336.5	3773109	NonCancer	0.00E+00	1.22E-08	7.32E-07	0.00E+00	0.00E+00	7.38E-07	3.80E-07	0.00E+00	5.80E-07	0.00E+00	0.00E+00	7.32E-07	0.00E+00	0.00E+00	7.38E-07
2244	ALL	462340.2	3773100	NonCancer	0.00E+00	1.21E-08	7.29E-07	0.00E+00	0.00E+00	7.35E-07	3.78E-07	0.00E+00	5.77E-07	0.00E+00	0.00E+00	7.29E-07	0.00E+00	0.00E+00	7.35E-07
2245	ALL	462343.8	3773091	NonCancer	0.00E+00	1.21E-08	7.26E-07	0.00E+00	0.00E+00	7.32E-07	3.76E-07	0.00E+00	5.75E-07	0.00E+00	0.00E+00	7.26E-07	0.00E+00	0.00E+00	7.32E-07
2246	ALL	462347.5	3773082	NonCancer	0.00E+00	1.20E-08	7.24E-07	0.00E+00	0.00E+00	7.30E-07	3.75E-07	0.00E+00	5.74E-07	0.00E+00	0.00E+00	7.24E-07	0.00E+00	0.00E+00	7.30E-07
2247	ALL	462351.2	3773072	NonCancer	0.00E+00	1.20E-08	7.19E-07	0.00E+00	0.00E+00	7.25E-07	3.73E-07	0.00E+00	5.70E-07	0.00E+00	0.00E+00	7.19E-07	0.00E+00	0.00E+00	7.25E-07
2248	ALL	462358.6	3773054	NonCancer	0.00E+00	1.17E-08	7.02E-07	0.00E+00	0.00E+00	7.08E-07	3.64E-07	0.00E+00	5.57E-07	0.00E+00	0.00E+00	7.02E-07	0.00E+00	0.00E+00	7.08E-07
2249	ALL	462362.3	3773045	NonCancer	0.00E+00	1.17E-08	7.04E-07	0.00E+00	0.00E+00	7.10E-07	3.65E-07	0.00E+00	5.58E-07	0.00E+00	0.00E+00	7.04E-07	0.00E+00	0.00E+00	7.10E-07
2250	ALL	462366	3773036	NonCancer	0.00E+00	1.19E-08	7.16E-07	0.00E+00	0.00E+00	7.21E-07	3.71E-07	0.00E+00	5.67E-07	0.00E+00	0.00E+00	7.16E-07	0.00E+00	0.00E+00	7.21E-07
2251	ALL	462369.7	3773027	NonCancer	0.00E+00	1.21E-08	7.26E-07	0.00E+00	0.00E+00	7.31E-07	3.76E-07	0.00E+00	5.75E-07	0.00E+00	0.00E+00	7.26E-07	0.00E+00	0.00E+00	7.31E-07
2252	ALL	462373.3	3773018	NonCancer	0.00E+00	1.21E-08	7.26E-07	0.00E+00	0.00E+00	7.32E-07	3.77E-07	0.00E+00	5.75E-07	0.00E+00	0.00E+00	7.26E-07	0.00E+00	0.00E+00	7.32E-07
2253	ALL	462377	3773009	NonCancer	0.00E+00	1.21E-08	7.27E-07	0.00E+00	0.00E+00	7.33E-07	3.77E-07	0.00E+00	5.76E-07	0.00E+00	0.00E+00	7.27E-07	0.00E+00	0.00E+00	7.33E-07
2254	ALL	462380.7	3773000	NonCancer	0.00E+00	1.22E-08	7.34E-07	0.00E+00	0.00E+00	7.40E-07	3.81E-07	0.00E+00	5.82E-07	0.00E+00	0.00E+00	7.34E-07	0.00E+00	0.00E+00	7.40E-07
2255	ALL	462384.4	3772991	NonCancer	0.00E+00	1.23E-08	7.39E-07	0.00E+00	0.00E+00	7.45E-07	3.83E-07	0.00E+00	5.86E-07	0.00E+00	0.00E+00	7.39E-07	0.00E+00	0.00E+00	7.45E-07
2256	ALL	462388.1	3772982	NonCancer	0.00E+00	1.23E-08	7.38E-07	0.00E+00	0.00E+00	7.44E-07	3.83E-07	0.00E+00	5.85E-07	0.00E+00	0.00E+00	7.38E-07	0.00E+00	0.00E+00	7.44E-07
2257	ALL	462391.8	3772972	NonCancer	0.00E+00	1.22E-08	7.31E-07	0.00E+00	0.00E+00	7.37E-07	3.79E-07	0.00E+00	5.79E-07	0.00E+00	0.00E+00	7.31E-07	0.00E+00	0.00E+00	7.37E-07
2258	ALL	462395.5	3772963	NonCancer	0.00E+00	1.19E-08	7.17E-07	0.00E+00	0.00E+00	7.23E-07	3.72E-07	0.00E+00	5.68E-07	0.00E+00	0.00E+00	7.17E-07	0.00E+00	0.00E+00	7.23E-07
2259	ALL	462399.2	3772954	NonCancer	0.00E+00	1.16E-08	6.99E-07	0.00E+00	0.00E+00	7.05E-07	3.63E-07	0.00E+00	5.54E-07	0.00E+00	0.00E+00	6.99E-07	0.00E+00	0.00E+00	7.05E-07
2260	ALL	462402.9	3772945	NonCancer	0.00E+00	1.16E-08	6.96E-07	0.00E+00	0.00E+00	7.02E-07	3.61E-07	0.00E+00	5.52E-07	0.00E+00	0.00E+00	6.96E-07	0.00E+00	0.00E+00	7.02E-07
2261	ALL	462413.9	3772918	NonCancer	0.00E+00	1.13E-08	6.81E-07	0.00E+00	0.00E+00	6.87E-07	3.53E-07	0.00E+00	5.40E-07	0.00E+00	0.00E+00	6.81E-07	0.00E+00	0.00E+00	6.87E-07
2262	ALL	462417.6	3772909	NonCancer	0.00E+00	1.13E-08	6.80E-07	0.00E+00	0.00E+00	6.85E-07	3.52E-07	0.00E+00	5.39E-07	0.00E+00	0.00E+00	6.80E-07	0.00E+00	0.00E+00	6.85E-07
2263	ALL	462421.3	3772900	NonCancer	0.00E+00	1.12E-08	6.74E-07	0.00E+00	0.00E+00	6.80E-07	3.49E-07	0.00E+00	5.34E-07	0.00E+00	0.00E+00	6.74E-07	0.00E+00	0.00E+00	6.80E-07
2264	ALL	462425	3772891	NonCancer	0.00E+00	1.12E-08	6.74E-07	0.00E+00	0.00E+00	6.80E-07	3.50E-07	0.00E+00	5.34E-07	0.00E+00	0.00E+00	6.74E-07	0.00E+00	0.00E+00	6.80E-07
2265	ALL	462447.1	3772836	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.41E-07	0.00E+00	8.26E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
2266	ALL	462450.8	3772827	NonCancer	0.00E+00	1.86E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.79E-07	0.00E+00	8.85E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06

2267	ALL	462454.5	3772818	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.11E-07	0.00E+00	9.34E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
2268	ALL	462458.2	3772809	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.37E-07	0.00E+00	9.73E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
2269	ALL	462461.9	3772800	NonCancer	0.00E+00	2.10E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.54E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
2270	ALL	462465.5	3772791	NonCancer	0.00E+00	2.12E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.63E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
2271	ALL	462469.2	3772782	NonCancer	0.00E+00	2.12E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.62E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
2272	ALL	462472.9	3772772	NonCancer	0.00E+00	2.09E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.52E-07	0.00E+00	9.96E-07	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
2273	ALL	462476.6	3772763	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.33E-07	0.00E+00	9.68E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
2274	ALL	462480.3	3772754	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.07E-07	0.00E+00	9.27E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
2275	ALL	462484	3772745	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.74E-07	0.00E+00	8.77E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
2276	ALL	462487.7	3772736	NonCancer	0.00E+00	1.72E-08	1.04E-06	0.00E+00	0.00E+00	1.04E-06	5.37E-07	0.00E+00	8.20E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.04E-06
2277	ALL	462500.4	3772723	NonCancer	0.00E+00	1.58E-08	9.49E-07	0.00E+00	0.00E+00	9.57E-07	4.92E-07	0.00E+00	7.52E-07	0.00E+00	0.00E+00	9.49E-07	0.00E+00	0.00E+00	9.57E-07
2278	ALL	462509.5	3772719	NonCancer	0.00E+00	1.55E-08	9.31E-07	0.00E+00	0.00E+00	9.38E-07	4.82E-07	0.00E+00	7.37E-07	0.00E+00	0.00E+00	9.31E-07	0.00E+00	0.00E+00	9.38E-07
2279	ALL	462518.5	3772716	NonCancer	0.00E+00	1.54E-08	9.26E-07	0.00E+00	0.00E+00	9.34E-07	4.80E-07	0.00E+00	7.34E-07	0.00E+00	0.00E+00	9.26E-07	0.00E+00	0.00E+00	9.34E-07
2280	ALL	462527.6	3772712	NonCancer	0.00E+00	1.53E-08	9.24E-07	0.00E+00	0.00E+00	9.31E-07	4.79E-07	0.00E+00	7.32E-07	0.00E+00	0.00E+00	9.24E-07	0.00E+00	0.00E+00	9.31E-07
2281	ALL	462536.6	3772708	NonCancer	0.00E+00	1.52E-08	9.13E-07	0.00E+00	0.00E+00	9.20E-07	4.73E-07	0.00E+00	7.23E-07	0.00E+00	0.00E+00	9.13E-07	0.00E+00	0.00E+00	9.20E-07
2282	ALL	462545.7	3772704	NonCancer	0.00E+00	1.49E-08	8.96E-07	0.00E+00	0.00E+00	9.03E-07	4.64E-07	0.00E+00	7.10E-07	0.00E+00	0.00E+00	8.96E-07	0.00E+00	0.00E+00	9.03E-07
2283	ALL	462554.7	3772700	NonCancer	0.00E+00	1.45E-08	8.75E-07	0.00E+00	0.00E+00	8.82E-07	4.54E-07	0.00E+00	6.94E-07	0.00E+00	0.00E+00	8.75E-07	0.00E+00	0.00E+00	8.82E-07
2284	ALL	462563.8	3772697	NonCancer	0.00E+00	1.43E-08	8.62E-07	0.00E+00	0.00E+00	8.69E-07	4.47E-07	0.00E+00	6.83E-07	0.00E+00	0.00E+00	8.62E-07	0.00E+00	0.00E+00	8.69E-07
2285	ALL	462572.8	3772693	NonCancer	0.00E+00	1.41E-08	8.51E-07	0.00E+00	0.00E+00	8.58E-07	4.41E-07	0.00E+00	6.75E-07	0.00E+00	0.00E+00	8.51E-07	0.00E+00	0.00E+00	8.58E-07
2286	ALL	462581.9	3772689	NonCancer	0.00E+00	1.41E-08	8.50E-07	0.00E+00	0.00E+00	8.57E-07	4.41E-07	0.00E+00	6.74E-07	0.00E+00	0.00E+00	8.50E-07	0.00E+00	0.00E+00	8.57E-07
2287	ALL	462590.9	3772685	NonCancer	0.00E+00	1.42E-08	8.56E-07	0.00E+00	0.00E+00	8.62E-07	4.44E-07	0.00E+00	6.78E-07	0.00E+00	0.00E+00	8.56E-07	0.00E+00	0.00E+00	8.62E-07
2288	ALL	462627.1	3772670	NonCancer	0.00E+00	1.39E-08	8.36E-07	0.00E+00	0.00E+00	8.43E-07	4.33E-07	0.00E+00	6.62E-07	0.00E+00	0.00E+00	8.36E-07	0.00E+00	0.00E+00	8.43E-07
2289	ALL	462636.2	3772666	NonCancer	0.00E+00	1.37E-08	8.22E-07	0.00E+00	0.00E+00	8.28E-07	4.26E-07	0.00E+00	6.51E-07	0.00E+00	0.00E+00	8.22E-07	0.00E+00	0.00E+00	8.28E-07
2290	ALL	462645.2	3772663	NonCancer	0.00E+00	1.33E-08	8.03E-07	0.00E+00	0.00E+00	8.09E-07	4.16E-07	0.00E+00	6.36E-07	0.00E+00	0.00E+00	8.03E-07	0.00E+00	0.00E+00	8.09E-07
2291	ALL	462654.3	3772659	NonCancer	0.00E+00	1.31E-08	7.91E-07	0.00E+00	0.00E+00	7.97E-07	4.10E-07	0.00E+00	6.27E-07	0.00E+00	0.00E+00	7.91E-07	0.00E+00	0.00E+00	7.97E-07
2292	ALL	462663.3	3772655	NonCancer	0.00E+00	1.35E-08	8.11E-07	0.00E+00	0.00E+00	8.18E-07	4.21E-07	0.00E+00	6.43E-07	0.00E+00	0.00E+00	8.11E-07	0.00E+00	0.00E+00	8.18E-07
2293	ALL	462672.4	3772651	NonCancer	0.00E+00	1.40E-08	8.42E-07	0.00E+00	0.00E+00	8.49E-07	4.36E-07	0.00E+00	6.67E-07	0.00E+00	0.00E+00	8.42E-07	0.00E+00	0.00E+00	8.49E-07
2294	ALL	462681.4	3772647	NonCancer	0.00E+00	1.44E-08	8.69E-07	0.00E+00	0.00E+00	8.76E-07	4.51E-07	0.00E+00	6.89E-07	0.00E+00	0.00E+00	8.69E-07	0.00E+00	0.00E+00	8.76E-07
2295	ALL	462690.5	3772644	NonCancer	0.00E+00	1.49E-08	8.94E-07	0.00E+00	0.00E+00	9.01E-07	4.64E-07	0.00E+00	7.09E-07	0.00E+00	0.00E+00	8.94E-07	0.00E+00	0.00E+00	9.01E-07
2296	ALL	462699.5	3772640	NonCancer	0.00E+00	1.52E-08	9.14E-07	0.00E+00	0.00E+00	9.22E-07	4.74E-07	0.00E+00	7.25E-07	0.00E+00	0.00E+00	9.14E-07	0.00E+00	0.00E+00	9.22E-07
2297	ALL	462708.6	3772636	NonCancer	0.00E+00	1.54E-08	9.28E-07	0.00E+00	0.00E+00	9.36E-07	4.81E-07	0.00E+00	7.36E-07	0.00E+00	0.00E+00	9.28E-07	0.00E+00	0.00E+00	9.36E-07
2298	ALL	462717.6	3772632	NonCancer	0.00E+00	1.56E-08	9.36E-07	0.00E+00	0.00E+00	9.43E-07	4.85E-07	0.00E+00	7.42E-07	0.00E+00	0.00E+00	9.36E-07	0.00E+00	0.00E+00	9.43E-07
2299	ALL	462726.7	3772628	NonCancer	0.00E+00	1.56E-08	9.37E-07	0.00E+00	0.00E+00	9.44E-07	4.86E-07	0.00E+00	7.42E-07	0.00E+00	0.00E+00	9.37E-07	0.00E+00	0.00E+00	9.44E-07
2300	ALL	462735.7	3772625	NonCancer	0.00E+00	1.55E-08	9.32E-07	0.00E+00	0.00E+00	9.39E-07	4.83E-07	0.00E+00	7.38E-07	0.00E+00	0.00E+00	9.32E-07	0.00E+00	0.00E+00	9.39E-07
2301	ALL	462744.8	3772621	NonCancer	0.00E+00	1.53E-08	9.22E-07	0.00E+00	0.00E+00	9.29E-07	4.78E-07	0.00E+00	7.31E-07	0.00E+00	0.00E+00	9.22E-07	0.00E+00	0.00E+00	9.29E-07
2302	ALL	462753.8	3772617	NonCancer	0.00E+00	1.65E-08	9.94E-07	0.00E+00	0.00E+00	1.00E-06	5.15E-07	0.00E+00	7.88E-07	0.00E+00	0.00E+00	9.94E-07	0.00E+00	0.00E+00	1.00E-06
2303	ALL	462762.9	3772613	NonCancer	0.00E+00	1.82E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.68E-07	0.00E+00	8.68E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
2304	ALL	462771.9	3772609	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.21E-07	0.00E+00	9.49E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
2305	ALL	462781	3772606	NonCancer	0.00E+00	2.15E-08	1.29E-06	0.00E+00	0.00E+00	1.31E-06	6.72E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.31E-06
2306	ALL	462790	3772602	NonCancer	0.00E+00	2.30E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.18E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
2307	ALL	462799.1	3772598	NonCancer	0.00E+00	2.42E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.57E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
2308	ALL	462808.1	3772594	NonCancer	0.00E+00	2.52E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.87E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
2309	ALL	462817.2	3772591	NonCancer	0.00E+00	2.60E-08	1.56E-06	0.00E+00	0.00E+00	1.58E-06	8.11E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.58E-06
2310	ALL	462826.2	3772587	NonCancer	0.00E+00	2.65E-08	1.59E-06	0.00E+00	0.00E+00	1.61E-06	8.27E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.61E-06
2311	ALL	462835.3	3772583	NonCancer	0.00E+00	2.68E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.36E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
2312	ALL	462844.3	3772579	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.33E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
2313	ALL	462853.4	3772575	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.19E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
2314	ALL	462862.4	3772572	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.97E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
2315	ALL	462871.5	3772568	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.68E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
2316	ALL	462880.5	3772564	NonCancer	0.00E+00	2.35E-08	1.41E-06	0.00E+00	0.00E+00	1.43E-06	7.34E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.43E-06
2317	ALL	462889.6	3772560	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.96E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
2318	ALL	462898.7	3772556	NonCancer	0.00E+00	2.11E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.57E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
2319	ALL	462907.7	3772553	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.24E-07	0.00E+00	9.53E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
2320	ALL	462281.7	3773146	NonCancer	0.00E+00	1.08E-08	6.48E-07	0.00E+00	0.00E+00	6.53E-07	3.36E-07	0.00E+00	5.13E-07	0.00E+00	0.00E+00	6.48E-07	0.00E+00	0.00E+00	6.53E-07

2321	ALL	462285.4	3773136	NonCancer	0.00E+00	1.09E-08	6.56E-07	0.00E+00	0.00E+00	6.61E-07	3.40E-07	0.00E+00	5.20E-07	0.00E+00	0.00E+00	6.56E-07	0.00E+00	0.00E+00	6.61E-07
2322	ALL	462289.1	3773127	NonCancer	0.00E+00	1.11E-08	6.65E-07	0.00E+00	0.00E+00	6.71E-07	3.45E-07	0.00E+00	5.27E-07	0.00E+00	0.00E+00	6.65E-07	0.00E+00	0.00E+00	6.71E-07
2323	ALL	462292.8	3773118	NonCancer	0.00E+00	1.13E-08	6.78E-07	0.00E+00	0.00E+00	6.83E-07	3.51E-07	0.00E+00	5.37E-07	0.00E+00	0.00E+00	6.78E-07	0.00E+00	0.00E+00	6.83E-07
2324	ALL	462296.5	3773109	NonCancer	0.00E+00	1.14E-08	6.86E-07	0.00E+00	0.00E+00	6.91E-07	3.55E-07	0.00E+00	5.43E-07	0.00E+00	0.00E+00	6.86E-07	0.00E+00	0.00E+00	6.91E-07
2325	ALL	462300.2	3773100	NonCancer	0.00E+00	1.14E-08	6.87E-07	0.00E+00	0.00E+00	6.93E-07	3.56E-07	0.00E+00	5.44E-07	0.00E+00	0.00E+00	6.87E-07	0.00E+00	0.00E+00	6.93E-07
2326	ALL	462303.9	3773091	NonCancer	0.00E+00	1.13E-08	6.82E-07	0.00E+00	0.00E+00	6.87E-07	3.54E-07	0.00E+00	5.40E-07	0.00E+00	0.00E+00	6.82E-07	0.00E+00	0.00E+00	6.87E-07
2327	ALL	462322.4	3773045	NonCancer	0.00E+00	1.10E-08	6.60E-07	0.00E+00	0.00E+00	6.65E-07	3.42E-07	0.00E+00	5.23E-07	0.00E+00	0.00E+00	6.60E-07	0.00E+00	0.00E+00	6.65E-07
2328	ALL	462326.1	3773036	NonCancer	0.00E+00	1.10E-08	6.60E-07	0.00E+00	0.00E+00	6.66E-07	3.42E-07	0.00E+00	5.23E-07	0.00E+00	0.00E+00	6.60E-07	0.00E+00	0.00E+00	6.66E-07
2329	ALL	462329.8	3773027	NonCancer	0.00E+00	1.11E-08	6.67E-07	0.00E+00	0.00E+00	6.73E-07	3.46E-07	0.00E+00	5.29E-07	0.00E+00	0.00E+00	6.67E-07	0.00E+00	0.00E+00	6.73E-07
2330	ALL	462333.5	3773018	NonCancer	0.00E+00	1.12E-08	6.74E-07	0.00E+00	0.00E+00	6.79E-07	3.49E-07	0.00E+00	5.34E-07	0.00E+00	0.00E+00	6.74E-07	0.00E+00	0.00E+00	6.79E-07
2331	ALL	462337.2	3773009	NonCancer	0.00E+00	1.12E-08	6.74E-07	0.00E+00	0.00E+00	6.80E-07	3.50E-07	0.00E+00	5.34E-07	0.00E+00	0.00E+00	6.74E-07	0.00E+00	0.00E+00	6.80E-07
2332	ALL	462340.9	3773000	NonCancer	0.00E+00	1.13E-08	6.80E-07	0.00E+00	0.00E+00	6.85E-07	3.52E-07	0.00E+00	5.38E-07	0.00E+00	0.00E+00	6.80E-07	0.00E+00	0.00E+00	6.85E-07
2333	ALL	462344.6	3772991	NonCancer	0.00E+00	1.14E-08	6.87E-07	0.00E+00	0.00E+00	6.93E-07	3.56E-07	0.00E+00	5.45E-07	0.00E+00	0.00E+00	6.87E-07	0.00E+00	0.00E+00	6.93E-07
2334	ALL	462348.3	3772981	NonCancer	0.00E+00	1.15E-08	6.93E-07	0.00E+00	0.00E+00	6.99E-07	3.59E-07	0.00E+00	5.49E-07	0.00E+00	0.00E+00	6.93E-07	0.00E+00	0.00E+00	6.99E-07
2335	ALL	462352	3772972	NonCancer	0.00E+00	1.15E-08	6.94E-07	0.00E+00	0.00E+00	7.00E-07	3.60E-07	0.00E+00	5.50E-07	0.00E+00	0.00E+00	6.94E-07	0.00E+00	0.00E+00	7.00E-07
2336	ALL	462355.7	3772963	NonCancer	0.00E+00	1.14E-08	6.88E-07	0.00E+00	0.00E+00	6.94E-07	3.57E-07	0.00E+00	5.45E-07	0.00E+00	0.00E+00	6.88E-07	0.00E+00	0.00E+00	6.94E-07
2337	ALL	462359.4	3772954	NonCancer	0.00E+00	1.12E-08	6.75E-07	0.00E+00	0.00E+00	6.80E-07	3.50E-07	0.00E+00	5.34E-07	0.00E+00	0.00E+00	6.75E-07	0.00E+00	0.00E+00	6.80E-07
2338	ALL	462363.1	3772945	NonCancer	0.00E+00	1.09E-08	6.56E-07	0.00E+00	0.00E+00	6.61E-07	3.40E-07	0.00E+00	5.20E-07	0.00E+00	0.00E+00	6.56E-07	0.00E+00	0.00E+00	6.61E-07
2339	ALL	462366.8	3772936	NonCancer	0.00E+00	1.08E-08	6.51E-07	0.00E+00	0.00E+00	6.56E-07	3.37E-07	0.00E+00	5.16E-07	0.00E+00	0.00E+00	6.51E-07	0.00E+00	0.00E+00	6.56E-07
2340	ALL	462374.2	3772918	NonCancer	0.00E+00	1.08E-08	6.50E-07	0.00E+00	0.00E+00	6.56E-07	3.37E-07	0.00E+00	5.15E-07	0.00E+00	0.00E+00	6.50E-07	0.00E+00	0.00E+00	6.56E-07
2341	ALL	462377.9	3772909	NonCancer	0.00E+00	1.07E-08	6.46E-07	0.00E+00	0.00E+00	6.51E-07	3.35E-07	0.00E+00	5.12E-07	0.00E+00	0.00E+00	6.46E-07	0.00E+00	0.00E+00	6.51E-07
2342	ALL	462381.6	3772899	NonCancer	0.00E+00	1.07E-08	6.43E-07	0.00E+00	0.00E+00	6.48E-07	3.33E-07	0.00E+00	5.09E-07	0.00E+00	0.00E+00	6.43E-07	0.00E+00	0.00E+00	6.48E-07
2343	ALL	462385.3	3772890	NonCancer	0.00E+00	1.06E-08	6.38E-07	0.00E+00	0.00E+00	6.43E-07	3.31E-07	0.00E+00	5.06E-07	0.00E+00	0.00E+00	6.38E-07	0.00E+00	0.00E+00	6.43E-07
2344	ALL	462389	3772881	NonCancer	0.00E+00	1.05E-08	6.33E-07	0.00E+00	0.00E+00	6.38E-07	3.28E-07	0.00E+00	5.02E-07	0.00E+00	0.00E+00	6.33E-07	0.00E+00	0.00E+00	6.38E-07
2345	ALL	462411.2	3772826	NonCancer	0.00E+00	1.45E-08	8.75E-07	0.00E+00	0.00E+00	8.82E-07	4.54E-07	0.00E+00	6.94E-07	0.00E+00	0.00E+00	8.75E-07	0.00E+00	0.00E+00	8.82E-07
2346	ALL	462414.9	3772817	NonCancer	0.00E+00	1.58E-08	9.51E-07	0.00E+00	0.00E+00	9.59E-07	4.93E-07	0.00E+00	7.54E-07	0.00E+00	0.00E+00	9.51E-07	0.00E+00	0.00E+00	9.59E-07
2347	ALL	462418.5	3772808	NonCancer	0.00E+00	1.69E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.29E-07	0.00E+00	8.08E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
2348	ALL	462422.2	3772799	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.59E-07	0.00E+00	8.55E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
2349	ALL	462425.9	3772790	NonCancer	0.00E+00	1.87E-08	1.13E-06	0.00E+00	0.00E+00	1.13E-06	5.84E-07	0.00E+00	8.92E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.13E-06
2350	ALL	462429.6	3772781	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.02E-07	0.00E+00	9.20E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
2351	ALL	462433.3	3772772	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.13E-07	0.00E+00	9.37E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
2352	ALL	462437	3772763	NonCancer	0.00E+00	1.97E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.15E-07	0.00E+00	9.40E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
2353	ALL	462440.7	3772754	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.09E-07	0.00E+00	9.31E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
2354	ALL	462444.4	3772744	NonCancer	0.00E+00	1.90E-08	1.15E-06	0.00E+00	0.00E+00	1.15E-06	5.94E-07	0.00E+00	9.08E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.15E-06
2355	ALL	462448.1	3772735	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.72E-07	0.00E+00	8.74E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
2356	ALL	462451.8	3772726	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.45E-07	0.00E+00	8.32E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
2357	ALL	462455.5	3772717	NonCancer	0.00E+00	1.65E-08	9.92E-07	0.00E+00	0.00E+00	1.00E-06	5.14E-07	0.00E+00	7.86E-07	0.00E+00	0.00E+00	9.92E-07	0.00E+00	0.00E+00	1.00E-06
2358	ALL	462459.2	3772708	NonCancer	0.00E+00	1.54E-08	9.29E-07	0.00E+00	0.00E+00	9.36E-07	4.82E-07	0.00E+00	7.36E-07	0.00E+00	0.00E+00	9.29E-07	0.00E+00	0.00E+00	9.36E-07
2359	ALL	462472	3772695	NonCancer	0.00E+00	1.44E-08	8.68E-07	0.00E+00	0.00E+00	8.75E-07	4.50E-07	0.00E+00	6.88E-07	0.00E+00	0.00E+00	8.68E-07	0.00E+00	0.00E+00	8.75E-07
2360	ALL	462481.1	3772691	NonCancer	0.00E+00	1.41E-08	8.50E-07	0.00E+00	0.00E+00	8.57E-07	4.41E-07	0.00E+00	6.74E-07	0.00E+00	0.00E+00	8.50E-07	0.00E+00	0.00E+00	8.57E-07
2361	ALL	462490.1	3772687	NonCancer	0.00E+00	1.41E-08	8.51E-07	0.00E+00	0.00E+00	8.58E-07	4.41E-07	0.00E+00	6.74E-07	0.00E+00	0.00E+00	8.51E-07	0.00E+00	0.00E+00	8.58E-07
2362	ALL	462499.2	3772684	NonCancer	0.00E+00	1.41E-08	8.46E-07	0.00E+00	0.00E+00	8.53E-07	4.39E-07	0.00E+00	6.71E-07	0.00E+00	0.00E+00	8.46E-07	0.00E+00	0.00E+00	8.53E-07
2363	ALL	462508.3	3772680	NonCancer	0.00E+00	1.39E-08	8.36E-07	0.00E+00	0.00E+00	8.43E-07	4.33E-07	0.00E+00	6.62E-07	0.00E+00	0.00E+00	8.36E-07	0.00E+00	0.00E+00	8.43E-07
2364	ALL	462517.4	3772676	NonCancer	0.00E+00	1.37E-08	8.23E-07	0.00E+00	0.00E+00	8.30E-07	4.27E-07	0.00E+00	6.52E-07	0.00E+00	0.00E+00	8.23E-07	0.00E+00	0.00E+00	8.30E-07
2365	ALL	462526.4	3772672	NonCancer	0.00E+00	1.34E-08	8.04E-07	0.00E+00	0.00E+00	8.11E-07	4.17E-07	0.00E+00	6.37E-07	0.00E+00	0.00E+00	8.04E-07	0.00E+00	0.00E+00	8.11E-07
2366	ALL	462535.5	3772668	NonCancer	0.00E+00	1.31E-08	7.90E-07	0.00E+00	0.00E+00	7.96E-07	4.09E-07	0.00E+00	6.26E-07	0.00E+00	0.00E+00	7.90E-07	0.00E+00	0.00E+00	7.96E-07
2367	ALL	462544.6	3772665	NonCancer	0.00E+00	1.30E-08	7.80E-07	0.00E+00	0.00E+00	7.87E-07	4.05E-07	0.00E+00	6.19E-07	0.00E+00	0.00E+00	7.80E-07	0.00E+00	0.00E+00	7.87E-07
2368	ALL	462553.7	3772661	NonCancer	0.00E+00	1.30E-08	7.82E-07	0.00E+00	0.00E+00	7.88E-07	4.06E-07	0.00E+00	6.20E-07	0.00E+00	0.00E+00	7.82E-07	0.00E+00	0.00E+00	7.88E-07
2369	ALL	462562.7	3772657	NonCancer	0.00E+00	1.31E-08	7.90E-07	0.00E+00	0.00E+00	7.96E-07	4.10E-07	0.00E+00	6.26E-07	0.00E+00	0.00E+00	7.90E-07	0.00E+00	0.00E+00	7.96E-07
2370	ALL	462571.8	3772653	NonCancer	0.00E+00	1.32E-08	7.94E-07	0.00E+00	0.00E+00	8.00E-07	4.12E-07	0.00E+00	6.29E-07	0.00E+00	0.00E+00	7.94E-07	0.00E+00	0.00E+00	8.00E-07
2371	ALL	462580.9	3772649	NonCancer	0.00E+00	1.32E-08	7.93E-07	0.00E+00	0.00E+00	7.99E-07	4.11E-07	0.00E+00	6.28E-07	0.00E+00	0.00E+00	7.93E-07	0.00E+00	0.00E+00	7.99E-07
2372	ALL	462590	3772646	NonCancer	0.00E+00	1.31E-08	7.86E-07	0.00E+00	0.00E+00	7.92E-07	4.07E-07	0.00E+00	6.23E-07	0.00E+00	0.00E+00	7.86E-07	0.00E+00	0.00E+00	7.92E-07
2373	ALL	462599	3772642	NonCancer	0.00E+00	1.29E-08	7.74E-07	0.00E+00	0.00E+00	7.80E-07	4.01E-07	0.00E+00	6.13E-07	0.00E+00	0.00E+00	7.74E-07	0.00E+00	0.00E+00	7.80E-07
2374	ALL	462626.3	3772630	NonCancer	0.00E+00	1.22E-08	7.32E-07	0.00E+00	0.00E+00	7.38E-07	3.80E-07	0.00E+00	5.80E-07	0.00E+00	0.00E+00	7.32E-07	0.00E+00	0.00E+00	7.38E-07

2375	ALL	462635.3	3772627	NonCancer	0.00E+00	1.21E-08	7.28E-07	0.00E+00	0.00E+00	7.34E-07	3.78E-07	0.00E+00	5.77E-07	0.00E+00	0.00E+00	7.28E-07	0.00E+00	0.00E+00	7.34E-07
2376	ALL	462644.4	3772623	NonCancer	0.00E+00	1.25E-08	7.51E-07	0.00E+00	0.00E+00	7.57E-07	3.89E-07	0.00E+00	5.95E-07	0.00E+00	0.00E+00	7.51E-07	0.00E+00	0.00E+00	7.57E-07
2377	ALL	462653.5	3772619	NonCancer	0.00E+00	1.30E-08	7.80E-07	0.00E+00	0.00E+00	7.86E-07	4.04E-07	0.00E+00	6.18E-07	0.00E+00	0.00E+00	7.80E-07	0.00E+00	0.00E+00	7.86E-07
2378	ALL	462662.6	3772615	NonCancer	0.00E+00	1.34E-08	8.06E-07	0.00E+00	0.00E+00	8.12E-07	4.18E-07	0.00E+00	6.38E-07	0.00E+00	0.00E+00	8.06E-07	0.00E+00	0.00E+00	8.12E-07
2379	ALL	462671.6	3772611	NonCancer	0.00E+00	1.37E-08	8.27E-07	0.00E+00	0.00E+00	8.34E-07	4.29E-07	0.00E+00	6.56E-07	0.00E+00	0.00E+00	8.27E-07	0.00E+00	0.00E+00	8.34E-07
2380	ALL	462680.7	3772608	NonCancer	0.00E+00	1.40E-08	8.45E-07	0.00E+00	0.00E+00	8.51E-07	4.38E-07	0.00E+00	6.69E-07	0.00E+00	0.00E+00	8.45E-07	0.00E+00	0.00E+00	8.51E-07
2381	ALL	462689.8	3772604	NonCancer	0.00E+00	1.42E-08	8.57E-07	0.00E+00	0.00E+00	8.64E-07	4.44E-07	0.00E+00	6.79E-07	0.00E+00	0.00E+00	8.57E-07	0.00E+00	0.00E+00	8.64E-07
2382	ALL	462698.9	3772600	NonCancer	0.00E+00	1.44E-08	8.64E-07	0.00E+00	0.00E+00	8.71E-07	4.48E-07	0.00E+00	6.85E-07	0.00E+00	0.00E+00	8.64E-07	0.00E+00	0.00E+00	8.71E-07
2383	ALL	462707.9	3772596	NonCancer	0.00E+00	1.44E-08	8.66E-07	0.00E+00	0.00E+00	8.73E-07	4.49E-07	0.00E+00	6.86E-07	0.00E+00	0.00E+00	8.66E-07	0.00E+00	0.00E+00	8.73E-07
2384	ALL	462717	3772592	NonCancer	0.00E+00	1.43E-08	8.62E-07	0.00E+00	0.00E+00	8.69E-07	4.47E-07	0.00E+00	6.84E-07	0.00E+00	0.00E+00	8.62E-07	0.00E+00	0.00E+00	8.69E-07
2385	ALL	462726.1	3772589	NonCancer	0.00E+00	1.42E-08	8.54E-07	0.00E+00	0.00E+00	8.61E-07	4.43E-07	0.00E+00	6.77E-07	0.00E+00	0.00E+00	8.54E-07	0.00E+00	0.00E+00	8.61E-07
2386	ALL	462735.2	3772585	NonCancer	0.00E+00	1.45E-08	8.73E-07	0.00E+00	0.00E+00	8.80E-07	4.53E-07	0.00E+00	6.92E-07	0.00E+00	0.00E+00	8.73E-07	0.00E+00	0.00E+00	8.80E-07
2387	ALL	462744.2	3772581	NonCancer	0.00E+00	1.60E-08	9.62E-07	0.00E+00	0.00E+00	9.69E-07	4.99E-07	0.00E+00	7.62E-07	0.00E+00	0.00E+00	9.62E-07	0.00E+00	0.00E+00	9.69E-07
2388	ALL	462753.3	3772577	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.47E-07	0.00E+00	8.35E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
2389	ALL	462762.4	3772573	NonCancer	0.00E+00	1.90E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.93E-07	0.00E+00	9.07E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
2390	ALL	462771.5	3772570	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.37E-07	0.00E+00	9.73E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
2391	ALL	462780.5	3772566	NonCancer	0.00E+00	2.17E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.76E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
2392	ALL	462789.6	3772562	NonCancer	0.00E+00	2.27E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.09E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
2393	ALL	462798.7	3772558	NonCancer	0.00E+00	2.35E-08	1.41E-06	0.00E+00	0.00E+00	1.43E-06	7.34E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.43E-06
2394	ALL	462807.8	3772554	NonCancer	0.00E+00	2.42E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.54E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
2395	ALL	462816.8	3772551	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.68E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
2396	ALL	462825.9	3772547	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.74E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
2397	ALL	462835	3772543	NonCancer	0.00E+00	2.47E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.71E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
2398	ALL	462844.1	3772539	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.48E-06	7.59E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.48E-06
2399	ALL	462853.1	3772535	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.40E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
2400	ALL	462862.2	3772532	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.14E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
2401	ALL	462871.3	3772528	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.83E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
2402	ALL	462880.4	3772524	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.50E-07	0.00E+00	9.93E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
2403	ALL	462889.4	3772520	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.17E-07	0.00E+00	9.44E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
2404	ALL	462898.5	3772516	NonCancer	0.00E+00	1.89E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.89E-07	0.00E+00	9.00E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
2405	ALL	462907.6	3772513	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.70E-07	0.00E+00	8.71E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
2406	ALL	462278	3773155	NonCancer	0.00E+00	1.06E-08	6.35E-07	0.00E+00	0.00E+00	6.40E-07	3.29E-07	0.00E+00	5.03E-07	0.00E+00	0.00E+00	6.35E-07	0.00E+00	0.00E+00	6.40E-07
2407	ALL	462278.1	3773165	NonCancer	0.00E+00	1.04E-08	6.26E-07	0.00E+00	0.00E+00	6.31E-07	3.25E-07	0.00E+00	4.96E-07	0.00E+00	0.00E+00	6.26E-07	0.00E+00	0.00E+00	6.31E-07
2408	ALL	462278.2	3773175	NonCancer	0.00E+00	1.04E-08	6.25E-07	0.00E+00	0.00E+00	6.30E-07	3.24E-07	0.00E+00	4.95E-07	0.00E+00	0.00E+00	6.25E-07	0.00E+00	0.00E+00	6.30E-07
2409	ALL	462278.3	3773185	NonCancer	0.00E+00	1.04E-08	6.25E-07	0.00E+00	0.00E+00	6.30E-07	3.24E-07	0.00E+00	4.95E-07	0.00E+00	0.00E+00	6.25E-07	0.00E+00	0.00E+00	6.30E-07
2410	ALL	462278.4	3773195	NonCancer	0.00E+00	1.04E-08	6.25E-07	0.00E+00	0.00E+00	6.30E-07	3.24E-07	0.00E+00	4.95E-07	0.00E+00	0.00E+00	6.25E-07	0.00E+00	0.00E+00	6.30E-07
2411	ALL	462278.5	3773204	NonCancer	0.00E+00	1.04E-08	6.28E-07	0.00E+00	0.00E+00	6.33E-07	3.26E-07	0.00E+00	4.98E-07	0.00E+00	0.00E+00	6.28E-07	0.00E+00	0.00E+00	6.33E-07
2412	ALL	462278.6	3773214	NonCancer	0.00E+00	1.04E-08	6.28E-07	0.00E+00	0.00E+00	6.33E-07	3.25E-07	0.00E+00	4.97E-07	0.00E+00	0.00E+00	6.28E-07	0.00E+00	0.00E+00	6.33E-07
2413	ALL	462278.7	3773224	NonCancer	0.00E+00	1.04E-08	6.25E-07	0.00E+00	0.00E+00	6.30E-07	3.24E-07	0.00E+00	4.95E-07	0.00E+00	0.00E+00	6.25E-07	0.00E+00	0.00E+00	6.30E-07
2414	ALL	462278.8	3773234	NonCancer	0.00E+00	1.03E-08	6.20E-07	0.00E+00	0.00E+00	6.25E-07	3.21E-07	0.00E+00	4.91E-07	0.00E+00	0.00E+00	6.20E-07	0.00E+00	0.00E+00	6.25E-07
2415	ALL	462278.9	3773244	NonCancer	0.00E+00	1.03E-08	6.18E-07	0.00E+00	0.00E+00	6.23E-07	3.20E-07	0.00E+00	4.90E-07	0.00E+00	0.00E+00	6.18E-07	0.00E+00	0.00E+00	6.23E-07
2416	ALL	462241.7	3773146	NonCancer	0.00E+00	1.00E-08	6.04E-07	0.00E+00	0.00E+00	6.09E-07	3.13E-07	0.00E+00	4.78E-07	0.00E+00	0.00E+00	6.04E-07	0.00E+00	0.00E+00	6.09E-07
2417	ALL	462245.4	3773137	NonCancer	0.00E+00	1.02E-08	6.13E-07	0.00E+00	0.00E+00	6.18E-07	3.18E-07	0.00E+00	4.86E-07	0.00E+00	0.00E+00	6.13E-07	0.00E+00	0.00E+00	6.18E-07
2418	ALL	462249.2	3773128	NonCancer	0.00E+00	1.03E-08	6.20E-07	0.00E+00	0.00E+00	6.24E-07	3.21E-07	0.00E+00	4.91E-07	0.00E+00	0.00E+00	6.20E-07	0.00E+00	0.00E+00	6.24E-07
2419	ALL	462252.9	3773119	NonCancer	0.00E+00	1.05E-08	6.31E-07	0.00E+00	0.00E+00	6.36E-07	3.27E-07	0.00E+00	5.00E-07	0.00E+00	0.00E+00	6.31E-07	0.00E+00	0.00E+00	6.36E-07
2420	ALL	462256.6	3773109	NonCancer	0.00E+00	1.07E-08	6.43E-07	0.00E+00	0.00E+00	6.48E-07	3.33E-07	0.00E+00	5.09E-07	0.00E+00	0.00E+00	6.43E-07	0.00E+00	0.00E+00	6.48E-07
2421	ALL	462260.3	3773100	NonCancer	0.00E+00	1.08E-08	6.49E-07	0.00E+00	0.00E+00	6.54E-07	3.36E-07	0.00E+00	5.14E-07	0.00E+00	0.00E+00	6.49E-07	0.00E+00	0.00E+00	6.54E-07
2422	ALL	462264	3773091	NonCancer	0.00E+00	1.08E-08	6.48E-07	0.00E+00	0.00E+00	6.53E-07	3.36E-07	0.00E+00	5.14E-07	0.00E+00	0.00E+00	6.48E-07	0.00E+00	0.00E+00	6.53E-07
2423	ALL	462267.7	3773082	NonCancer	0.00E+00	1.07E-08	6.44E-07	0.00E+00	0.00E+00	6.49E-07	3.34E-07	0.00E+00	5.10E-07	0.00E+00	0.00E+00	6.44E-07	0.00E+00	0.00E+00	6.49E-07
2424	ALL	462271.4	3773073	NonCancer	0.00E+00	1.06E-08	6.38E-07	0.00E+00	0.00E+00	6.43E-07	3.31E-07	0.00E+00	5.06E-07	0.00E+00	0.00E+00	6.38E-07	0.00E+00	0.00E+00	6.43E-07
2425	ALL	462275.1	3773064	NonCancer	0.00E+00	1.05E-08	6.34E-07	0.00E+00	0.00E+00	6.39E-07	3.29E-07	0.00E+00	5.03E-07	0.00E+00	0.00E+00	6.34E-07	0.00E+00	0.00E+00	6.39E-07
2426	ALL	462278.8	3773055	NonCancer	0.00E+00	1.04E-08	6.28E-07	0.00E+00	0.00E+00	6.34E-07	3.26E-07	0.00E+00	4.98E-07	0.00E+00	0.00E+00	6.28E-07	0.00E+00	0.00E+00	6.34E-07
2427	ALL	462282.5	3773045	NonCancer	0.00E+00	1.03E-08	6.22E-07	0.00E+00	0.00E+00	6.27E-07	3.22E-07	0.00E+00	4.93E-07	0.00E+00	0.00E+00	6.22E-07	0.00E+00	0.00E+00	6.27E-07
2428	ALL	462286.2	3773036	NonCancer	0.00E+00	1.03E-08	6.22E-07	0.00E+00	0.00E+00	6.27E-07	3.23E-07	0.00E+00	4.93E-07	0.00E+00	0.00E+00	6.22E-07	0.00E+00	0.00E+00	6.27E-07

2429	ALL	462289.9	3773027	NonCancer	0.00E+00	1.03E-08	6.21E-07	0.00E+00	0.00E+00	6.26E-07	3.22E-07	0.00E+00	4.92E-07	0.00E+00	0.00E+00	6.21E-07	0.00E+00	0.00E+00	6.26E-07
2430	ALL	462293.6	3773018	NonCancer	0.00E+00	1.03E-08	6.21E-07	0.00E+00	0.00E+00	6.26E-07	3.22E-07	0.00E+00	4.92E-07	0.00E+00	0.00E+00	6.21E-07	0.00E+00	0.00E+00	6.26E-07
2431	ALL	462297.3	3773009	NonCancer	0.00E+00	1.04E-08	6.27E-07	0.00E+00	0.00E+00	6.32E-07	3.25E-07	0.00E+00	4.97E-07	0.00E+00	0.00E+00	6.27E-07	0.00E+00	0.00E+00	6.32E-07
2432	ALL	462301	3773000	NonCancer	0.00E+00	1.05E-08	6.31E-07	0.00E+00	0.00E+00	6.36E-07	3.27E-07	0.00E+00	5.00E-07	0.00E+00	0.00E+00	6.31E-07	0.00E+00	0.00E+00	6.36E-07
2433	ALL	462304.8	3772991	NonCancer	0.00E+00	1.06E-08	6.38E-07	0.00E+00	0.00E+00	6.44E-07	3.31E-07	0.00E+00	5.06E-07	0.00E+00	0.00E+00	6.38E-07	0.00E+00	0.00E+00	6.44E-07
2434	ALL	462323.3	3772945	NonCancer	0.00E+00	1.06E-08	6.37E-07	0.00E+00	0.00E+00	6.42E-07	3.30E-07	0.00E+00	5.05E-07	0.00E+00	0.00E+00	6.37E-07	0.00E+00	0.00E+00	6.42E-07
2435	ALL	462327	3772936	NonCancer	0.00E+00	1.03E-08	6.23E-07	0.00E+00	0.00E+00	6.28E-07	3.23E-07	0.00E+00	4.93E-07	0.00E+00	0.00E+00	6.23E-07	0.00E+00	0.00E+00	6.28E-07
2436	ALL	462334.4	3772917	NonCancer	0.00E+00	1.02E-08	6.17E-07	0.00E+00	0.00E+00	6.22E-07	3.20E-07	0.00E+00	4.89E-07	0.00E+00	0.00E+00	6.17E-07	0.00E+00	0.00E+00	6.22E-07
2437	ALL	462338.1	3772908	NonCancer	0.00E+00	1.02E-08	6.17E-07	0.00E+00	0.00E+00	6.22E-07	3.20E-07	0.00E+00	4.89E-07	0.00E+00	0.00E+00	6.17E-07	0.00E+00	0.00E+00	6.22E-07
2438	ALL	462341.8	3772899	NonCancer	0.00E+00	1.02E-08	6.14E-07	0.00E+00	0.00E+00	6.19E-07	3.18E-07	0.00E+00	4.86E-07	0.00E+00	0.00E+00	6.14E-07	0.00E+00	0.00E+00	6.19E-07
2439	ALL	462345.5	3772890	NonCancer	0.00E+00	1.02E-08	6.11E-07	0.00E+00	0.00E+00	6.16E-07	3.17E-07	0.00E+00	4.84E-07	0.00E+00	0.00E+00	6.11E-07	0.00E+00	0.00E+00	6.16E-07
2440	ALL	462349.2	3772881	NonCancer	0.00E+00	1.01E-08	6.09E-07	0.00E+00	0.00E+00	6.14E-07	3.16E-07	0.00E+00	4.83E-07	0.00E+00	0.00E+00	6.09E-07	0.00E+00	0.00E+00	6.14E-07
2441	ALL	462371.5	3772826	NonCancer	0.00E+00	1.13E-08	6.80E-07	0.00E+00	0.00E+00	6.86E-07	3.53E-07	0.00E+00	5.39E-07	0.00E+00	0.00E+00	6.80E-07	0.00E+00	0.00E+00	6.86E-07
2442	ALL	462375.2	3772817	NonCancer	0.00E+00	1.21E-08	7.31E-07	0.00E+00	0.00E+00	7.37E-07	3.79E-07	0.00E+00	5.79E-07	0.00E+00	0.00E+00	7.31E-07	0.00E+00	0.00E+00	7.37E-07
2443	ALL	462378.9	3772808	NonCancer	0.00E+00	1.33E-08	8.00E-07	0.00E+00	0.00E+00	8.06E-07	4.15E-07	0.00E+00	6.34E-07	0.00E+00	0.00E+00	8.00E-07	0.00E+00	0.00E+00	8.06E-07
2444	ALL	462382.6	3772799	NonCancer	0.00E+00	1.44E-08	8.66E-07	0.00E+00	0.00E+00	8.73E-07	4.49E-07	0.00E+00	6.87E-07	0.00E+00	0.00E+00	8.66E-07	0.00E+00	0.00E+00	8.73E-07
2445	ALL	462386.3	3772790	NonCancer	0.00E+00	1.54E-08	9.29E-07	0.00E+00	0.00E+00	9.36E-07	4.82E-07	0.00E+00	7.36E-07	0.00E+00	0.00E+00	9.29E-07	0.00E+00	0.00E+00	9.36E-07
2446	ALL	462390	3772780	NonCancer	0.00E+00	1.64E-08	9.86E-07	0.00E+00	0.00E+00	9.94E-07	5.11E-07	0.00E+00	7.81E-07	0.00E+00	0.00E+00	9.86E-07	0.00E+00	0.00E+00	9.94E-07
2447	ALL	462393.7	3772771	NonCancer	0.00E+00	1.72E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.36E-07	0.00E+00	8.20E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
2448	ALL	462397.4	3772762	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.55E-07	0.00E+00	8.49E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
2449	ALL	462401.1	3772753	NonCancer	0.00E+00	1.82E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.67E-07	0.00E+00	8.67E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
2450	ALL	462404.8	3772744	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.71E-07	0.00E+00	8.73E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
2451	ALL	462408.5	3772735	NonCancer	0.00E+00	1.82E-08	1.10E-06	0.00E+00	0.00E+00	1.10E-06	5.68E-07	0.00E+00	8.68E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.10E-06
2452	ALL	462412.2	3772726	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.08E-06	5.58E-07	0.00E+00	8.52E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.08E-06
2453	ALL	462415.9	3772716	NonCancer	0.00E+00	1.74E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.43E-07	0.00E+00	8.30E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
2454	ALL	462419.7	3772707	NonCancer	0.00E+00	1.67E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.22E-07	0.00E+00	7.98E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
2455	ALL	462423.4	3772698	NonCancer	0.00E+00	1.59E-08	9.59E-07	0.00E+00	0.00E+00	9.67E-07	4.97E-07	0.00E+00	7.60E-07	0.00E+00	0.00E+00	9.59E-07	0.00E+00	0.00E+00	9.67E-07
2456	ALL	462427.1	3772689	NonCancer	0.00E+00	1.50E-08	9.02E-07	0.00E+00	0.00E+00	9.09E-07	4.68E-07	0.00E+00	7.15E-07	0.00E+00	0.00E+00	9.02E-07	0.00E+00	0.00E+00	9.09E-07
2457	ALL	462430.8	3772680	NonCancer	0.00E+00	1.40E-08	8.40E-07	0.00E+00	0.00E+00	8.47E-07	4.36E-07	0.00E+00	6.66E-07	0.00E+00	0.00E+00	8.40E-07	0.00E+00	0.00E+00	8.47E-07
2458	ALL	462443.6	3772667	NonCancer	0.00E+00	1.31E-08	7.89E-07	0.00E+00	0.00E+00	7.96E-07	4.09E-07	0.00E+00	6.25E-07	0.00E+00	0.00E+00	7.89E-07	0.00E+00	0.00E+00	7.96E-07
2459	ALL	462452.7	3772663	NonCancer	0.00E+00	1.30E-08	7.82E-07	0.00E+00	0.00E+00	7.88E-07	4.05E-07	0.00E+00	6.19E-07	0.00E+00	0.00E+00	7.82E-07	0.00E+00	0.00E+00	7.88E-07
2460	ALL	462461.8	3772659	NonCancer	0.00E+00	1.30E-08	7.82E-07	0.00E+00	0.00E+00	7.88E-07	4.05E-07	0.00E+00	6.20E-07	0.00E+00	0.00E+00	7.82E-07	0.00E+00	0.00E+00	7.88E-07
2461	ALL	462470.9	3772655	NonCancer	0.00E+00	1.29E-08	7.78E-07	0.00E+00	0.00E+00	7.84E-07	4.03E-07	0.00E+00	6.16E-07	0.00E+00	0.00E+00	7.78E-07	0.00E+00	0.00E+00	7.84E-07
2462	ALL	462480	3772652	NonCancer	0.00E+00	1.28E-08	7.71E-07	0.00E+00	0.00E+00	7.77E-07	4.00E-07	0.00E+00	6.11E-07	0.00E+00	0.00E+00	7.71E-07	0.00E+00	0.00E+00	7.77E-07
2463	ALL	462489.1	3772648	NonCancer	0.00E+00	1.26E-08	7.60E-07	0.00E+00	0.00E+00	7.66E-07	3.94E-07	0.00E+00	6.02E-07	0.00E+00	0.00E+00	7.60E-07	0.00E+00	0.00E+00	7.66E-07
2464	ALL	462498.2	3772644	NonCancer	0.00E+00	1.24E-08	7.44E-07	0.00E+00	0.00E+00	7.50E-07	3.86E-07	0.00E+00	5.90E-07	0.00E+00	0.00E+00	7.44E-07	0.00E+00	0.00E+00	7.50E-07
2465	ALL	462507.3	3772640	NonCancer	0.00E+00	1.21E-08	7.30E-07	0.00E+00	0.00E+00	7.36E-07	3.79E-07	0.00E+00	5.79E-07	0.00E+00	0.00E+00	7.30E-07	0.00E+00	0.00E+00	7.36E-07
2466	ALL	462516.3	3772636	NonCancer	0.00E+00	1.21E-08	7.26E-07	0.00E+00	0.00E+00	7.32E-07	3.76E-07	0.00E+00	5.75E-07	0.00E+00	0.00E+00	7.26E-07	0.00E+00	0.00E+00	7.32E-07
2467	ALL	462525.4	3772633	NonCancer	0.00E+00	1.21E-08	7.27E-07	0.00E+00	0.00E+00	7.33E-07	3.77E-07	0.00E+00	5.76E-07	0.00E+00	0.00E+00	7.27E-07	0.00E+00	0.00E+00	7.33E-07
2468	ALL	462534.5	3772629	NonCancer	0.00E+00	1.22E-08	7.34E-07	0.00E+00	0.00E+00	7.39E-07	3.80E-07	0.00E+00	5.81E-07	0.00E+00	0.00E+00	7.34E-07	0.00E+00	0.00E+00	7.39E-07
2469	ALL	462543.6	3772625	NonCancer	0.00E+00	1.22E-08	7.36E-07	0.00E+00	0.00E+00	7.42E-07	3.82E-07	0.00E+00	5.84E-07	0.00E+00	0.00E+00	7.36E-07	0.00E+00	0.00E+00	7.42E-07
2470	ALL	462552.7	3772621	NonCancer	0.00E+00	1.22E-08	7.37E-07	0.00E+00	0.00E+00	7.42E-07	3.82E-07	0.00E+00	5.84E-07	0.00E+00	0.00E+00	7.37E-07	0.00E+00	0.00E+00	7.42E-07
2471	ALL	462561.8	3772617	NonCancer	0.00E+00	1.22E-08	7.34E-07	0.00E+00	0.00E+00	7.39E-07	3.80E-07	0.00E+00	5.81E-07	0.00E+00	0.00E+00	7.34E-07	0.00E+00	0.00E+00	7.39E-07
2472	ALL	462570.9	3772614	NonCancer	0.00E+00	1.21E-08	7.26E-07	0.00E+00	0.00E+00	7.32E-07	3.76E-07	0.00E+00	5.75E-07	0.00E+00	0.00E+00	7.26E-07	0.00E+00	0.00E+00	7.32E-07
2473	ALL	462580	3772610	NonCancer	0.00E+00	1.19E-08	7.17E-07	0.00E+00	0.00E+00	7.22E-07	3.72E-07	0.00E+00	5.68E-07	0.00E+00	0.00E+00	7.17E-07	0.00E+00	0.00E+00	7.22E-07
2474	ALL	462589.1	3772606	NonCancer	0.00E+00	1.17E-08	7.06E-07	0.00E+00	0.00E+00	7.12E-07	3.66E-07	0.00E+00	5.59E-07	0.00E+00	0.00E+00	7.06E-07	0.00E+00	0.00E+00	7.12E-07
2475	ALL	462598.2	3772602	NonCancer	0.00E+00	1.15E-08	6.93E-07	0.00E+00	0.00E+00	6.99E-07	3.59E-07	0.00E+00	5.49E-07	0.00E+00	0.00E+00	6.93E-07	0.00E+00	0.00E+00	6.99E-07
2476	ALL	462625.5	3772591	NonCancer	0.00E+00	1.17E-08	7.02E-07	0.00E+00	0.00E+00	7.08E-07	3.64E-07	0.00E+00	5.56E-07	0.00E+00	0.00E+00	7.02E-07	0.00E+00	0.00E+00	7.08E-07
2477	ALL	462634.6	3772587	NonCancer	0.00E+00	1.21E-08	7.27E-07	0.00E+00	0.00E+00	7.33E-07	3.77E-07	0.00E+00	5.76E-07	0.00E+00	0.00E+00	7.27E-07	0.00E+00	0.00E+00	7.33E-07
2478	ALL	462643.7	3772583	NonCancer	0.00E+00	1.24E-08	7.49E-07	0.00E+00	0.00E+00	7.55E-07	3.88E-07	0.00E+00	5.94E-07	0.00E+00	0.00E+00	7.49E-07	0.00E+00	0.00E+00	7.55E-07
2479	ALL	462652.8	3772579	NonCancer	0.00E+00	1.28E-08	7.68E-07	0.00E+00	0.00E+00	7.74E-07	3.98E-07	0.00E+00	6.09E-07	0.00E+00	0.00E+00	7.68E-07	0.00E+00	0.00E+00	7.74E-07
2480	ALL	462661.9	3772575	NonCancer	0.00E+00	1.30E-08	7.83E-07	0.00E+00	0.00E+00	7.89E-07	4.06E-07	0.00E+00	6.20E-07	0.00E+00	0.00E+00	7.83E-07	0.00E+00	0.00E+00	7.89E-07
2481	ALL	462671	3772572	NonCancer	0.00E+00	1.32E-08	7.94E-07	0.00E+00	0.00E+00	8.00E-07	4.12E-07	0.00E+00	6.29E-07	0.00E+00	0.00E+00	7.94E-07	0.00E+00	0.00E+00	8.00E-07
2482	ALL	462680.1	3772568	NonCancer	0.00E+00	1.33E-08	8.01E-07	0.00E+00	0.00E+00	8.08E-07	4.15E-07	0.00E+00	6.35E-07	0.00E+00	0.00E+00	8.01E-07	0.00E+00	0.00E+00	8.08E-07

2483	ALL	462689.2	3772564	NonCancer	0.00E+00	1.34E-08	8.04E-07	0.00E+00	0.00E+00	8.10E-07	4.17E-07	0.00E+00	6.37E-07	0.00E+00	0.00E+00	8.04E-07	0.00E+00	0.00E+00	8.10E-07
2484	ALL	462698.3	3772560	NonCancer	0.00E+00	1.33E-08	8.01E-07	0.00E+00	0.00E+00	8.08E-07	4.15E-07	0.00E+00	6.35E-07	0.00E+00	0.00E+00	8.01E-07	0.00E+00	0.00E+00	8.08E-07
2485	ALL	462707.4	3772556	NonCancer	0.00E+00	1.32E-08	7.94E-07	0.00E+00	0.00E+00	8.00E-07	4.12E-07	0.00E+00	6.29E-07	0.00E+00	0.00E+00	7.94E-07	0.00E+00	0.00E+00	8.00E-07
2486	ALL	462716.5	3772553	NonCancer	0.00E+00	1.31E-08	7.90E-07	0.00E+00	0.00E+00	7.97E-07	4.10E-07	0.00E+00	6.26E-07	0.00E+00	0.00E+00	7.90E-07	0.00E+00	0.00E+00	7.97E-07
2487	ALL	462725.6	3772549	NonCancer	0.00E+00	1.41E-08	8.49E-07	0.00E+00	0.00E+00	8.56E-07	4.40E-07	0.00E+00	6.73E-07	0.00E+00	0.00E+00	8.49E-07	0.00E+00	0.00E+00	8.56E-07
2488	ALL	462734.7	3772545	NonCancer	0.00E+00	1.55E-08	9.31E-07	0.00E+00	0.00E+00	9.38E-07	4.83E-07	0.00E+00	7.38E-07	0.00E+00	0.00E+00	9.31E-07	0.00E+00	0.00E+00	9.38E-07
2489	ALL	462743.8	3772541	NonCancer	0.00E+00	1.68E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.25E-07	0.00E+00	8.03E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
2490	ALL	462752.9	3772537	NonCancer	0.00E+00	1.81E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.66E-07	0.00E+00	8.65E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
2491	ALL	462761.9	3772534	NonCancer	0.00E+00	1.94E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.04E-07	0.00E+00	9.23E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
2492	ALL	462771	3772530	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.38E-07	0.00E+00	9.74E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
2493	ALL	462780.1	3772526	NonCancer	0.00E+00	2.13E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.65E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
2494	ALL	462789.2	3772522	NonCancer	0.00E+00	2.20E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.86E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
2495	ALL	462798.3	3772518	NonCancer	0.00E+00	2.25E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.03E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
2496	ALL	462807.4	3772515	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.15E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
2497	ALL	462816.5	3772511	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.20E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
2498	ALL	462825.6	3772507	NonCancer	0.00E+00	2.30E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.17E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
2499	ALL	462834.7	3772503	NonCancer	0.00E+00	2.26E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.06E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
2500	ALL	462843.8	3772499	NonCancer	0.00E+00	2.20E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.88E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
2501	ALL	462852.9	3772496	NonCancer	0.00E+00	2.13E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.65E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
2502	ALL	462862	3772492	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.38E-07	0.00E+00	9.75E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
2503	ALL	462871.1	3772488	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.08E-07	0.00E+00	9.30E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
2504	ALL	462880.2	3772484	NonCancer	0.00E+00	1.87E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.82E-07	0.00E+00	8.90E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
2505	ALL	462889.3	3772480	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.58E-07	0.00E+00	8.53E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
2506	ALL	462898.4	3772476	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.40E-07	0.00E+00	8.25E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
2507	ALL	462238	3773155	NonCancer	0.00E+00	9.84E-09	5.93E-07	0.00E+00	0.00E+00	5.97E-07	3.07E-07	0.00E+00	4.69E-07	0.00E+00	0.00E+00	5.93E-07	0.00E+00	0.00E+00	5.97E-07
2508	ALL	462238.1	3773165	NonCancer	0.00E+00	9.78E-09	5.89E-07	0.00E+00	0.00E+00	5.93E-07	3.05E-07	0.00E+00	4.66E-07	0.00E+00	0.00E+00	5.89E-07	0.00E+00	0.00E+00	5.93E-07
2509	ALL	462238.2	3773175	NonCancer	0.00E+00	9.78E-09	5.88E-07	0.00E+00	0.00E+00	5.93E-07	3.05E-07	0.00E+00	4.66E-07	0.00E+00	0.00E+00	5.88E-07	0.00E+00	0.00E+00	5.93E-07
2510	ALL	462238.3	3773185	NonCancer	0.00E+00	9.78E-09	5.89E-07	0.00E+00	0.00E+00	5.93E-07	3.05E-07	0.00E+00	4.66E-07	0.00E+00	0.00E+00	5.89E-07	0.00E+00	0.00E+00	5.93E-07
2511	ALL	462238.4	3773195	NonCancer	0.00E+00	9.78E-09	5.89E-07	0.00E+00	0.00E+00	5.94E-07	3.05E-07	0.00E+00	4.66E-07	0.00E+00	0.00E+00	5.89E-07	0.00E+00	0.00E+00	5.94E-07
2512	ALL	462238.5	3773205	NonCancer	0.00E+00	9.83E-09	5.92E-07	0.00E+00	0.00E+00	5.96E-07	3.07E-07	0.00E+00	4.69E-07	0.00E+00	0.00E+00	5.92E-07	0.00E+00	0.00E+00	5.96E-07
2513	ALL	462238.6	3773215	NonCancer	0.00E+00	9.82E-09	5.91E-07	0.00E+00	0.00E+00	5.96E-07	3.06E-07	0.00E+00	4.68E-07	0.00E+00	0.00E+00	5.91E-07	0.00E+00	0.00E+00	5.96E-07
2514	ALL	462238.7	3773225	NonCancer	0.00E+00	9.77E-09	5.88E-07	0.00E+00	0.00E+00	5.93E-07	3.05E-07	0.00E+00	4.66E-07	0.00E+00	0.00E+00	5.88E-07	0.00E+00	0.00E+00	5.93E-07
2515	ALL	462238.8	3773235	NonCancer	0.00E+00	9.68E-09	5.83E-07	0.00E+00	0.00E+00	5.87E-07	3.02E-07	0.00E+00	4.62E-07	0.00E+00	0.00E+00	5.83E-07	0.00E+00	0.00E+00	5.87E-07
2516	ALL	462238.9	3773245	NonCancer	0.00E+00	9.64E-09	5.80E-07	0.00E+00	0.00E+00	5.85E-07	3.01E-07	0.00E+00	4.60E-07	0.00E+00	0.00E+00	5.80E-07	0.00E+00	0.00E+00	5.85E-07
2517	ALL	462201.7	3773146	NonCancer	0.00E+00	9.39E-09	5.65E-07	0.00E+00	0.00E+00	5.70E-07	2.93E-07	0.00E+00	4.48E-07	0.00E+00	0.00E+00	5.65E-07	0.00E+00	0.00E+00	5.70E-07
2518	ALL	462224	3773091	NonCancer	0.00E+00	1.02E-08	6.14E-07	0.00E+00	0.00E+00	6.19E-07	3.18E-07	0.00E+00	4.86E-07	0.00E+00	0.00E+00	6.14E-07	0.00E+00	0.00E+00	6.19E-07
2519	ALL	462227.7	3773082	NonCancer	0.00E+00	1.01E-08	6.11E-07	0.00E+00	0.00E+00	6.16E-07	3.17E-07	0.00E+00	4.84E-07	0.00E+00	0.00E+00	6.11E-07	0.00E+00	0.00E+00	6.16E-07
2520	ALL	462231.5	3773073	NonCancer	0.00E+00	1.01E-08	6.08E-07	0.00E+00	0.00E+00	6.13E-07	3.15E-07	0.00E+00	4.82E-07	0.00E+00	0.00E+00	6.08E-07	0.00E+00	0.00E+00	6.13E-07
2521	ALL	462235.2	3773064	NonCancer	0.00E+00	1.00E-08	6.04E-07	0.00E+00	0.00E+00	6.09E-07	3.13E-07	0.00E+00	4.79E-07	0.00E+00	0.00E+00	6.04E-07	0.00E+00	0.00E+00	6.09E-07
2522	ALL	462238.9	3773055	NonCancer	0.00E+00	9.97E-09	6.00E-07	0.00E+00	0.00E+00	6.05E-07	3.11E-07	0.00E+00	4.76E-07	0.00E+00	0.00E+00	6.00E-07	0.00E+00	0.00E+00	6.05E-07
2523	ALL	462242.6	3773046	NonCancer	0.00E+00	9.87E-09	5.94E-07	0.00E+00	0.00E+00	5.99E-07	3.08E-07	0.00E+00	4.71E-07	0.00E+00	0.00E+00	5.94E-07	0.00E+00	0.00E+00	5.99E-07
2524	ALL	462246.3	3773036	NonCancer	0.00E+00	9.79E-09	5.89E-07	0.00E+00	0.00E+00	5.94E-07	3.05E-07	0.00E+00	4.67E-07	0.00E+00	0.00E+00	5.89E-07	0.00E+00	0.00E+00	5.94E-07
2525	ALL	462250	3773027	NonCancer	0.00E+00	9.79E-09	5.89E-07	0.00E+00	0.00E+00	5.94E-07	3.05E-07	0.00E+00	4.67E-07	0.00E+00	0.00E+00	5.89E-07	0.00E+00	0.00E+00	5.94E-07
2526	ALL	462253.8	3773018	NonCancer	0.00E+00	9.76E-09	5.87E-07	0.00E+00	0.00E+00	5.92E-07	3.04E-07	0.00E+00	4.65E-07	0.00E+00	0.00E+00	5.87E-07	0.00E+00	0.00E+00	5.92E-07
2527	ALL	462257.5	3773009	NonCancer	0.00E+00	9.75E-09	5.87E-07	0.00E+00	0.00E+00	5.92E-07	3.04E-07	0.00E+00	4.65E-07	0.00E+00	0.00E+00	5.87E-07	0.00E+00	0.00E+00	5.92E-07
2528	ALL	462261.2	3773000	NonCancer	0.00E+00	9.83E-09	5.92E-07	0.00E+00	0.00E+00	5.97E-07	3.07E-07	0.00E+00	4.69E-07	0.00E+00	0.00E+00	5.92E-07	0.00E+00	0.00E+00	5.97E-07
2529	ALL	462264.9	3772991	NonCancer	0.00E+00	9.95E-09	5.99E-07	0.00E+00	0.00E+00	6.04E-07	3.10E-07	0.00E+00	4.74E-07	0.00E+00	0.00E+00	5.99E-07	0.00E+00	0.00E+00	6.04E-07
2530	ALL	462268.6	3772981	NonCancer	0.00E+00	1.01E-08	6.05E-07	0.00E+00	0.00E+00	6.10E-07	3.14E-07	0.00E+00	4.79E-07	0.00E+00	0.00E+00	6.05E-07	0.00E+00	0.00E+00	6.10E-07
2531	ALL	462272.3	3772972	NonCancer	0.00E+00	1.01E-08	6.10E-07	0.00E+00	0.00E+00	6.15E-07	3.16E-07	0.00E+00	4.84E-07	0.00E+00	0.00E+00	6.10E-07	0.00E+00	0.00E+00	6.15E-07
2532	ALL	462276	3772963	NonCancer	0.00E+00	1.02E-08	6.17E-07	0.00E+00	0.00E+00	6.22E-07	3.20E-07	0.00E+00	4.89E-07	0.00E+00	0.00E+00	6.17E-07	0.00E+00	0.00E+00	6.22E-07
2533	ALL	462279.8	3772954	NonCancer	0.00E+00	1.03E-08	6.19E-07	0.00E+00	0.00E+00	6.24E-07	3.21E-07	0.00E+00	4.90E-07	0.00E+00	0.00E+00	6.19E-07	0.00E+00	0.00E+00	6.24E-07
2534	ALL	462283.5	3772945	NonCancer	0.00E+00	1.02E-08	6.17E-07	0.00E+00	0.00E+00	6.22E-07	3.20E-07	0.00E+00	4.89E-07	0.00E+00	0.00E+00	6.17E-07	0.00E+00	0.00E+00	6.22E-07
2535	ALL	462287.2	3772936	NonCancer	0.00E+00	1.01E-08	6.10E-07	0.00E+00	0.00E+00	6.14E-07	3.16E-07	0.00E+00	4.83E-07	0.00E+00	0.00E+00	6.10E-07	0.00E+00	0.00E+00	6.14E-07
2536	ALL	462294.6	3772917	NonCancer	0.00E+00	9.71E-09	5.84E-07	0.00E+00	0.00E+00	5.89E-07	3.03E-07	0.00E+00	4.63E-07	0.00E+00	0.00E+00	5.84E-07	0.00E+00	0.00E+00	5.89E-07

2537	ALL	462298.3	3772908	NonCancer	0.00E+00	9.70E-09	5.84E-07	0.00E+00	0.00E+00	5.88E-07	3.03E-07	0.00E+00	4.63E-07	0.00E+00	0.00E+00	5.84E-07	0.00E+00	0.00E+00	5.88E-07
2538	ALL	462302	3772899	NonCancer	0.00E+00	9.72E-09	5.85E-07	0.00E+00	0.00E+00	5.89E-07	3.03E-07	0.00E+00	4.63E-07	0.00E+00	0.00E+00	5.85E-07	0.00E+00	0.00E+00	5.89E-07
2539	ALL	462305.8	3772890	NonCancer	0.00E+00	9.69E-09	5.84E-07	0.00E+00	0.00E+00	5.88E-07	3.02E-07	0.00E+00	4.62E-07	0.00E+00	0.00E+00	5.84E-07	0.00E+00	0.00E+00	5.88E-07
2540	ALL	462309.5	3772881	NonCancer	0.00E+00	9.65E-09	5.81E-07	0.00E+00	0.00E+00	5.86E-07	3.01E-07	0.00E+00	4.60E-07	0.00E+00	0.00E+00	5.81E-07	0.00E+00	0.00E+00	5.86E-07
2541	ALL	462331.8	3772826	NonCancer	0.00E+00	9.55E-09	5.75E-07	0.00E+00	0.00E+00	5.79E-07	2.98E-07	0.00E+00	4.55E-07	0.00E+00	0.00E+00	5.75E-07	0.00E+00	0.00E+00	5.79E-07
2542	ALL	462335.5	3772817	NonCancer	0.00E+00	1.00E-08	6.02E-07	0.00E+00	0.00E+00	6.07E-07	3.12E-07	0.00E+00	4.77E-07	0.00E+00	0.00E+00	6.02E-07	0.00E+00	0.00E+00	6.07E-07
2543	ALL	462339.2	3772807	NonCancer	0.00E+00	1.05E-08	6.30E-07	0.00E+00	0.00E+00	6.35E-07	3.27E-07	0.00E+00	4.99E-07	0.00E+00	0.00E+00	6.30E-07	0.00E+00	0.00E+00	6.35E-07
2544	ALL	462342.9	3772798	NonCancer	0.00E+00	1.11E-08	6.70E-07	0.00E+00	0.00E+00	6.75E-07	3.47E-07	0.00E+00	5.31E-07	0.00E+00	0.00E+00	6.70E-07	0.00E+00	0.00E+00	6.75E-07
2545	ALL	462346.6	3772789	NonCancer	0.00E+00	1.21E-08	7.30E-07	0.00E+00	0.00E+00	7.36E-07	3.78E-07	0.00E+00	5.78E-07	0.00E+00	0.00E+00	7.30E-07	0.00E+00	0.00E+00	7.36E-07
2546	ALL	462350.3	3772780	NonCancer	0.00E+00	1.32E-08	7.92E-07	0.00E+00	0.00E+00	7.98E-07	4.11E-07	0.00E+00	6.28E-07	0.00E+00	0.00E+00	7.92E-07	0.00E+00	0.00E+00	7.98E-07
2547	ALL	462354	3772771	NonCancer	0.00E+00	1.42E-08	8.53E-07	0.00E+00	0.00E+00	8.59E-07	4.42E-07	0.00E+00	6.76E-07	0.00E+00	0.00E+00	8.53E-07	0.00E+00	0.00E+00	8.59E-07
2548	ALL	462357.8	3772762	NonCancer	0.00E+00	1.51E-08	9.08E-07	0.00E+00	0.00E+00	9.16E-07	4.71E-07	0.00E+00	7.20E-07	0.00E+00	0.00E+00	9.08E-07	0.00E+00	0.00E+00	9.16E-07
2549	ALL	462361.5	3772752	NonCancer	0.00E+00	1.59E-08	9.55E-07	0.00E+00	0.00E+00	9.63E-07	4.95E-07	0.00E+00	7.57E-07	0.00E+00	0.00E+00	9.55E-07	0.00E+00	0.00E+00	9.63E-07
2550	ALL	462365.2	3772743	NonCancer	0.00E+00	1.65E-08	9.91E-07	0.00E+00	0.00E+00	9.99E-07	5.14E-07	0.00E+00	7.85E-07	0.00E+00	0.00E+00	9.91E-07	0.00E+00	0.00E+00	9.99E-07
2551	ALL	462368.9	3772734	NonCancer	0.00E+00	1.69E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.26E-07	0.00E+00	8.04E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
2552	ALL	462372.6	3772725	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.33E-07	0.00E+00	8.14E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
2553	ALL	462376.3	3772716	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.34E-07	0.00E+00	8.16E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
2554	ALL	462380	3772707	NonCancer	0.00E+00	1.69E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.29E-07	0.00E+00	8.08E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
2555	ALL	462383.8	3772698	NonCancer	0.00E+00	1.66E-08	9.98E-07	0.00E+00	0.00E+00	1.01E-06	5.17E-07	0.00E+00	7.91E-07	0.00E+00	0.00E+00	9.98E-07	0.00E+00	0.00E+00	1.01E-06
2556	ALL	462387.5	3772688	NonCancer	0.00E+00	1.60E-08	9.63E-07	0.00E+00	0.00E+00	9.71E-07	4.99E-07	0.00E+00	7.63E-07	0.00E+00	0.00E+00	9.63E-07	0.00E+00	0.00E+00	9.71E-07
2557	ALL	462391.2	3772679	NonCancer	0.00E+00	1.53E-08	9.19E-07	0.00E+00	0.00E+00	9.27E-07	4.77E-07	0.00E+00	7.29E-07	0.00E+00	0.00E+00	9.19E-07	0.00E+00	0.00E+00	9.27E-07
2558	ALL	462394.9	3772670	NonCancer	0.00E+00	1.44E-08	8.69E-07	0.00E+00	0.00E+00	8.76E-07	4.50E-07	0.00E+00	6.88E-07	0.00E+00	0.00E+00	8.69E-07	0.00E+00	0.00E+00	8.76E-07
2559	ALL	462398.6	3772661	NonCancer	0.00E+00	1.36E-08	8.16E-07	0.00E+00	0.00E+00	8.22E-07	4.23E-07	0.00E+00	6.46E-07	0.00E+00	0.00E+00	8.16E-07	0.00E+00	0.00E+00	8.22E-07
2560	ALL	462402.3	3772652	NonCancer	0.00E+00	1.27E-08	7.65E-07	0.00E+00	0.00E+00	7.72E-07	3.97E-07	0.00E+00	6.07E-07	0.00E+00	0.00E+00	7.65E-07	0.00E+00	0.00E+00	7.72E-07
2561	ALL	462415.2	3772639	NonCancer	0.00E+00	1.21E-08	7.28E-07	0.00E+00	0.00E+00	7.34E-07	3.78E-07	0.00E+00	5.77E-07	0.00E+00	0.00E+00	7.28E-07	0.00E+00	0.00E+00	7.34E-07
2562	ALL	462424.3	3772635	NonCancer	0.00E+00	1.21E-08	7.26E-07	0.00E+00	0.00E+00	7.32E-07	3.77E-07	0.00E+00	5.76E-07	0.00E+00	0.00E+00	7.26E-07	0.00E+00	0.00E+00	7.32E-07
2563	ALL	462433.4	3772631	NonCancer	0.00E+00	1.20E-08	7.24E-07	0.00E+00	0.00E+00	7.30E-07	3.75E-07	0.00E+00	5.74E-07	0.00E+00	0.00E+00	7.24E-07	0.00E+00	0.00E+00	7.30E-07
2564	ALL	462479	3772612	NonCancer	0.00E+00	1.11E-08	6.66E-07	0.00E+00	0.00E+00	6.71E-07	3.45E-07	0.00E+00	5.28E-07	0.00E+00	0.00E+00	6.66E-07	0.00E+00	0.00E+00	6.71E-07
2565	ALL	462488.1	3772608	NonCancer	0.00E+00	1.10E-08	6.64E-07	0.00E+00	0.00E+00	6.70E-07	3.45E-07	0.00E+00	5.27E-07	0.00E+00	0.00E+00	6.64E-07	0.00E+00	0.00E+00	6.70E-07
2566	ALL	462497.2	3772604	NonCancer	0.00E+00	1.11E-08	6.70E-07	0.00E+00	0.00E+00	6.75E-07	3.47E-07	0.00E+00	5.31E-07	0.00E+00	0.00E+00	6.70E-07	0.00E+00	0.00E+00	6.75E-07
2567	ALL	462506.3	3772601	NonCancer	0.00E+00	1.13E-08	6.81E-07	0.00E+00	0.00E+00	6.86E-07	3.53E-07	0.00E+00	5.40E-07	0.00E+00	0.00E+00	6.81E-07	0.00E+00	0.00E+00	6.86E-07
2568	ALL	462515.4	3772597	NonCancer	0.00E+00	1.14E-08	6.88E-07	0.00E+00	0.00E+00	6.94E-07	3.57E-07	0.00E+00	5.45E-07	0.00E+00	0.00E+00	6.88E-07	0.00E+00	0.00E+00	6.94E-07
2569	ALL	462524.5	3772593	NonCancer	0.00E+00	1.15E-08	6.91E-07	0.00E+00	0.00E+00	6.97E-07	3.58E-07	0.00E+00	5.48E-07	0.00E+00	0.00E+00	6.91E-07	0.00E+00	0.00E+00	6.97E-07
2570	ALL	462533.7	3772589	NonCancer	0.00E+00	1.15E-08	6.90E-07	0.00E+00	0.00E+00	6.95E-07	3.58E-07	0.00E+00	5.47E-07	0.00E+00	0.00E+00	6.90E-07	0.00E+00	0.00E+00	6.95E-07
2571	ALL	462542.8	3772585	NonCancer	0.00E+00	1.14E-08	6.85E-07	0.00E+00	0.00E+00	6.90E-07	3.55E-07	0.00E+00	5.43E-07	0.00E+00	0.00E+00	6.85E-07	0.00E+00	0.00E+00	6.90E-07
2572	ALL	462551.9	3772582	NonCancer	0.00E+00	1.12E-08	6.76E-07	0.00E+00	0.00E+00	6.81E-07	3.50E-07	0.00E+00	5.36E-07	0.00E+00	0.00E+00	6.76E-07	0.00E+00	0.00E+00	6.81E-07
2573	ALL	462561	3772578	NonCancer	0.00E+00	1.11E-08	6.66E-07	0.00E+00	0.00E+00	6.72E-07	3.46E-07	0.00E+00	5.28E-07	0.00E+00	0.00E+00	6.66E-07	0.00E+00	0.00E+00	6.72E-07
2574	ALL	462570.1	3772574	NonCancer	0.00E+00	1.09E-08	6.57E-07	0.00E+00	0.00E+00	6.62E-07	3.41E-07	0.00E+00	5.21E-07	0.00E+00	0.00E+00	6.57E-07	0.00E+00	0.00E+00	6.62E-07
2575	ALL	462579.2	3772570	NonCancer	0.00E+00	1.07E-08	6.44E-07	0.00E+00	0.00E+00	6.49E-07	3.34E-07	0.00E+00	5.10E-07	0.00E+00	0.00E+00	6.44E-07	0.00E+00	0.00E+00	6.49E-07
2576	ALL	462588.3	3772566	NonCancer	0.00E+00	1.05E-08	6.30E-07	0.00E+00	0.00E+00	6.35E-07	3.27E-07	0.00E+00	4.99E-07	0.00E+00	0.00E+00	6.30E-07	0.00E+00	0.00E+00	6.35E-07
2577	ALL	462597.5	3772562	NonCancer	0.00E+00	1.05E-08	6.34E-07	0.00E+00	0.00E+00	6.40E-07	3.29E-07	0.00E+00	5.03E-07	0.00E+00	0.00E+00	6.34E-07	0.00E+00	0.00E+00	6.40E-07
2578	ALL	462633.9	3772547	NonCancer	0.00E+00	1.19E-08	7.14E-07	0.00E+00	0.00E+00	7.20E-07	3.70E-07	0.00E+00	5.66E-07	0.00E+00	0.00E+00	7.14E-07	0.00E+00	0.00E+00	7.20E-07
2579	ALL	462643	3772543	NonCancer	0.00E+00	1.21E-08	7.28E-07	0.00E+00	0.00E+00	7.34E-07	3.78E-07	0.00E+00	5.77E-07	0.00E+00	0.00E+00	7.28E-07	0.00E+00	0.00E+00	7.34E-07
2580	ALL	462652.2	3772540	NonCancer	0.00E+00	1.23E-08	7.39E-07	0.00E+00	0.00E+00	7.45E-07	3.83E-07	0.00E+00	5.86E-07	0.00E+00	0.00E+00	7.39E-07	0.00E+00	0.00E+00	7.45E-07
2581	ALL	462661.3	3772536	NonCancer	0.00E+00	1.24E-08	7.45E-07	0.00E+00	0.00E+00	7.51E-07	3.87E-07	0.00E+00	5.91E-07	0.00E+00	0.00E+00	7.45E-07	0.00E+00	0.00E+00	7.51E-07
2582	ALL	462670.4	3772532	NonCancer	0.00E+00	1.24E-08	7.48E-07	0.00E+00	0.00E+00	7.54E-07	3.88E-07	0.00E+00	5.93E-07	0.00E+00	0.00E+00	7.48E-07	0.00E+00	0.00E+00	7.54E-07
2583	ALL	462679.5	3772528	NonCancer	0.00E+00	1.24E-08	7.46E-07	0.00E+00	0.00E+00	7.52E-07	3.87E-07	0.00E+00	5.91E-07	0.00E+00	0.00E+00	7.46E-07	0.00E+00	0.00E+00	7.52E-07
2584	ALL	462688.6	3772524	NonCancer	0.00E+00	1.23E-08	7.40E-07	0.00E+00	0.00E+00	7.46E-07	3.84E-07	0.00E+00	5.87E-07	0.00E+00	0.00E+00	7.40E-07	0.00E+00	0.00E+00	7.46E-07
2585	ALL	462697.7	3772520	NonCancer	0.00E+00	1.23E-08	7.38E-07	0.00E+00	0.00E+00	7.44E-07	3.83E-07	0.00E+00	5.85E-07	0.00E+00	0.00E+00	7.38E-07	0.00E+00	0.00E+00	7.44E-07
2586	ALL	462706.8	3772517	NonCancer	0.00E+00	1.26E-08	7.56E-07	0.00E+00	0.00E+00	7.62E-07	3.92E-07	0.00E+00	5.99E-07	0.00E+00	0.00E+00	7.56E-07	0.00E+00	0.00E+00	7.62E-07
2587	ALL	462716	3772513	NonCancer	0.00E+00	1.37E-08	8.26E-07	0.00E+00	0.00E+00	8.33E-07	4.28E-07	0.00E+00	6.55E-07	0.00E+00	0.00E+00	8.26E-07	0.00E+00	0.00E+00	8.33E-07
2588	ALL	462725.1	3772509	NonCancer	0.00E+00	1.50E-08	9.00E-07	0.00E+00	0.00E+00	9.07E-07	4.67E-07	0.00E+00	7.13E-07	0.00E+00	0.00E+00	9.00E-07	0.00E+00	0.00E+00	9.07E-07
2589	ALL	462734.2	3772505	NonCancer	0.00E+00	1.62E-08	9.73E-07	0.00E+00	0.00E+00	9.80E-07	5.04E-07	0.00E+00	7.71E-07	0.00E+00	0.00E+00	9.73E-07	0.00E+00	0.00E+00	9.80E-07
2590	ALL	462743.3	3772501	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.40E-07	0.00E+00	8.26E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06

2591	ALL	462752.4	3772498	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.11E-06	5.73E-07	0.00E+00	8.76E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.11E-06
2592	ALL	462761.5	3772494	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.02E-07	0.00E+00	9.20E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
2593	ALL	462770.7	3772490	NonCancer	0.00E+00	2.00E-08	1.21E-06	0.00E+00	0.00E+00	1.21E-06	6.25E-07	0.00E+00	9.55E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.21E-06
2594	ALL	462779.8	3772486	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.42E-07	0.00E+00	9.81E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
2595	ALL	462788.9	3772482	NonCancer	0.00E+00	2.11E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.58E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
2596	ALL	462798	3772478	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.68E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
2597	ALL	462807.1	3772475	NonCancer	0.00E+00	2.15E-08	1.29E-06	0.00E+00	0.00E+00	1.31E-06	6.72E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.31E-06
2598	ALL	462880	3772444	NonCancer	0.00E+00	1.70E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.29E-07	0.00E+00	8.09E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
2599	ALL	462889.2	3772440	NonCancer	0.00E+00	1.64E-08	9.89E-07	0.00E+00	0.00E+00	9.97E-07	5.12E-07	0.00E+00	7.83E-07	0.00E+00	0.00E+00	9.89E-07	0.00E+00	0.00E+00	9.97E-07
2600	ALL	462898.3	3772436	NonCancer	0.00E+00	1.63E-08	9.81E-07	0.00E+00	0.00E+00	9.88E-07	5.08E-07	0.00E+00	7.77E-07	0.00E+00	0.00E+00	9.81E-07	0.00E+00	0.00E+00	9.88E-07
2601	ALL	462907.4	3772433	NonCancer	0.00E+00	1.65E-08	9.91E-07	0.00E+00	0.00E+00	9.99E-07	5.14E-07	0.00E+00	7.85E-07	0.00E+00	0.00E+00	9.91E-07	0.00E+00	0.00E+00	9.99E-07
2602	ALL	462198	3773155	NonCancer	0.00E+00	9.28E-09	5.58E-07	0.00E+00	0.00E+00	5.63E-07	2.89E-07	0.00E+00	4.42E-07	0.00E+00	0.00E+00	5.58E-07	0.00E+00	0.00E+00	5.63E-07
2603	ALL	462198.1	3773165	NonCancer	0.00E+00	9.30E-09	5.60E-07	0.00E+00	0.00E+00	5.64E-07	2.90E-07	0.00E+00	4.43E-07	0.00E+00	0.00E+00	5.60E-07	0.00E+00	0.00E+00	5.64E-07
2604	ALL	462198.2	3773175	NonCancer	0.00E+00	9.30E-09	5.60E-07	0.00E+00	0.00E+00	5.64E-07	2.90E-07	0.00E+00	4.44E-07	0.00E+00	0.00E+00	5.60E-07	0.00E+00	0.00E+00	5.64E-07
2605	ALL	462198.3	3773185	NonCancer	0.00E+00	9.26E-09	5.58E-07	0.00E+00	0.00E+00	5.62E-07	2.89E-07	0.00E+00	4.42E-07	0.00E+00	0.00E+00	5.58E-07	0.00E+00	0.00E+00	5.62E-07
2606	ALL	462198.4	3773195	NonCancer	0.00E+00	9.24E-09	5.56E-07	0.00E+00	0.00E+00	5.61E-07	2.88E-07	0.00E+00	4.41E-07	0.00E+00	0.00E+00	5.56E-07	0.00E+00	0.00E+00	5.61E-07
2607	ALL	462198.5	3773205	NonCancer	0.00E+00	9.25E-09	5.57E-07	0.00E+00	0.00E+00	5.61E-07	2.88E-07	0.00E+00	4.41E-07	0.00E+00	0.00E+00	5.57E-07	0.00E+00	0.00E+00	5.61E-07
2608	ALL	462161.8	3773147	NonCancer	0.00E+00	8.81E-09	5.30E-07	0.00E+00	0.00E+00	5.35E-07	2.75E-07	0.00E+00	4.20E-07	0.00E+00	0.00E+00	5.30E-07	0.00E+00	0.00E+00	5.35E-07
2609	ALL	462165.5	3773137	NonCancer	0.00E+00	8.97E-09	5.40E-07	0.00E+00	0.00E+00	5.44E-07	2.80E-07	0.00E+00	4.28E-07	0.00E+00	0.00E+00	5.40E-07	0.00E+00	0.00E+00	5.44E-07
2610	ALL	462169.2	3773128	NonCancer	0.00E+00	9.16E-09	5.51E-07	0.00E+00	0.00E+00	5.56E-07	2.86E-07	0.00E+00	4.37E-07	0.00E+00	0.00E+00	5.51E-07	0.00E+00	0.00E+00	5.56E-07
2611	ALL	462180.4	3773101	NonCancer	0.00E+00	9.60E-09	5.78E-07	0.00E+00	0.00E+00	5.82E-07	2.99E-07	0.00E+00	4.58E-07	0.00E+00	0.00E+00	5.78E-07	0.00E+00	0.00E+00	5.82E-07
2612	ALL	462184.1	3773092	NonCancer	0.00E+00	9.66E-09	5.82E-07	0.00E+00	0.00E+00	5.86E-07	3.01E-07	0.00E+00	4.61E-07	0.00E+00	0.00E+00	5.82E-07	0.00E+00	0.00E+00	5.86E-07
2613	ALL	462187.8	3773082	NonCancer	0.00E+00	9.66E-09	5.82E-07	0.00E+00	0.00E+00	5.86E-07	3.01E-07	0.00E+00	4.61E-07	0.00E+00	0.00E+00	5.82E-07	0.00E+00	0.00E+00	5.86E-07
2614	ALL	462191.5	3773073	NonCancer	0.00E+00	9.63E-09	5.79E-07	0.00E+00	0.00E+00	5.84E-07	3.00E-07	0.00E+00	4.59E-07	0.00E+00	0.00E+00	5.79E-07	0.00E+00	0.00E+00	5.84E-07
2615	ALL	462195.3	3773064	NonCancer	0.00E+00	9.60E-09	5.78E-07	0.00E+00	0.00E+00	5.83E-07	3.00E-07	0.00E+00	4.58E-07	0.00E+00	0.00E+00	5.78E-07	0.00E+00	0.00E+00	5.83E-07
2616	ALL	462199	3773055	NonCancer	0.00E+00	9.58E-09	5.76E-07	0.00E+00	0.00E+00	5.81E-07	2.99E-07	0.00E+00	4.57E-07	0.00E+00	0.00E+00	5.76E-07	0.00E+00	0.00E+00	5.81E-07
2617	ALL	462221.3	3773000	NonCancer	0.00E+00	9.23E-09	5.56E-07	0.00E+00	0.00E+00	5.60E-07	2.88E-07	0.00E+00	4.40E-07	0.00E+00	0.00E+00	5.56E-07	0.00E+00	0.00E+00	5.60E-07
2618	ALL	462225	3772991	NonCancer	0.00E+00	9.27E-09	5.58E-07	0.00E+00	0.00E+00	5.62E-07	2.89E-07	0.00E+00	4.42E-07	0.00E+00	0.00E+00	5.58E-07	0.00E+00	0.00E+00	5.62E-07
2619	ALL	462228.7	3772981	NonCancer	0.00E+00	9.41E-09	5.66E-07	0.00E+00	0.00E+00	5.71E-07	2.94E-07	0.00E+00	4.49E-07	0.00E+00	0.00E+00	5.66E-07	0.00E+00	0.00E+00	5.71E-07
2620	ALL	462232.5	3772972	NonCancer	0.00E+00	9.50E-09	5.72E-07	0.00E+00	0.00E+00	5.77E-07	2.96E-07	0.00E+00	4.53E-07	0.00E+00	0.00E+00	5.72E-07	0.00E+00	0.00E+00	5.77E-07
2621	ALL	462236.2	3772963	NonCancer	0.00E+00	9.60E-09	5.78E-07	0.00E+00	0.00E+00	5.82E-07	2.99E-07	0.00E+00	4.58E-07	0.00E+00	0.00E+00	5.78E-07	0.00E+00	0.00E+00	5.82E-07
2622	ALL	462239.9	3772954	NonCancer	0.00E+00	9.71E-09	5.84E-07	0.00E+00	0.00E+00	5.89E-07	3.03E-07	0.00E+00	4.63E-07	0.00E+00	0.00E+00	5.84E-07	0.00E+00	0.00E+00	5.89E-07
2623	ALL	462243.6	3772945	NonCancer	0.00E+00	9.77E-09	5.88E-07	0.00E+00	0.00E+00	5.93E-07	3.05E-07	0.00E+00	4.66E-07	0.00E+00	0.00E+00	5.88E-07	0.00E+00	0.00E+00	5.93E-07
2624	ALL	462247.3	3772936	NonCancer	0.00E+00	9.76E-09	5.87E-07	0.00E+00	0.00E+00	5.92E-07	3.04E-07	0.00E+00	4.65E-07	0.00E+00	0.00E+00	5.87E-07	0.00E+00	0.00E+00	5.92E-07
2625	ALL	462254.8	3772917	NonCancer	0.00E+00	9.49E-09	5.71E-07	0.00E+00	0.00E+00	5.76E-07	2.96E-07	0.00E+00	4.52E-07	0.00E+00	0.00E+00	5.71E-07	0.00E+00	0.00E+00	5.76E-07
2626	ALL	462258.5	3772908	NonCancer	0.00E+00	9.26E-09	5.57E-07	0.00E+00	0.00E+00	5.62E-07	2.89E-07	0.00E+00	4.42E-07	0.00E+00	0.00E+00	5.57E-07	0.00E+00	0.00E+00	5.62E-07
2627	ALL	462262.2	3772899	NonCancer	0.00E+00	9.21E-09	5.54E-07	0.00E+00	0.00E+00	5.59E-07	2.87E-07	0.00E+00	4.39E-07	0.00E+00	0.00E+00	5.54E-07	0.00E+00	0.00E+00	5.59E-07
2628	ALL	462266	3772890	NonCancer	0.00E+00	9.22E-09	5.55E-07	0.00E+00	0.00E+00	5.59E-07	2.88E-07	0.00E+00	4.40E-07	0.00E+00	0.00E+00	5.55E-07	0.00E+00	0.00E+00	5.59E-07
2629	ALL	462269.7	3772881	NonCancer	0.00E+00	9.22E-09	5.55E-07	0.00E+00	0.00E+00	5.59E-07	2.88E-07	0.00E+00	4.39E-07	0.00E+00	0.00E+00	5.55E-07	0.00E+00	0.00E+00	5.59E-07
2630	ALL	462292	3772825	NonCancer	0.00E+00	8.95E-09	5.39E-07	0.00E+00	0.00E+00	5.43E-07	2.79E-07	0.00E+00	4.27E-07	0.00E+00	0.00E+00	5.39E-07	0.00E+00	0.00E+00	5.43E-07
2631	ALL	462295.7	3772816	NonCancer	0.00E+00	8.91E-09	5.36E-07	0.00E+00	0.00E+00	5.41E-07	2.78E-07	0.00E+00	4.25E-07	0.00E+00	0.00E+00	5.36E-07	0.00E+00	0.00E+00	5.41E-07
2632	ALL	462299.4	3772807	NonCancer	0.00E+00	8.92E-09	5.37E-07	0.00E+00	0.00E+00	5.41E-07	2.78E-07	0.00E+00	4.25E-07	0.00E+00	0.00E+00	5.37E-07	0.00E+00	0.00E+00	5.41E-07
2633	ALL	462303.2	3772798	NonCancer	0.00E+00	9.30E-09	5.60E-07	0.00E+00	0.00E+00	5.64E-07	2.90E-07	0.00E+00	4.44E-07	0.00E+00	0.00E+00	5.60E-07	0.00E+00	0.00E+00	5.64E-07
2634	ALL	462306.9	3772789	NonCancer	0.00E+00	9.72E-09	5.85E-07	0.00E+00	0.00E+00	5.90E-07	3.03E-07	0.00E+00	4.64E-07	0.00E+00	0.00E+00	5.85E-07	0.00E+00	0.00E+00	5.90E-07
2635	ALL	462310.6	3772780	NonCancer	0.00E+00	1.03E-08	6.20E-07	0.00E+00	0.00E+00	6.25E-07	3.21E-07	0.00E+00	4.91E-07	0.00E+00	0.00E+00	6.20E-07	0.00E+00	0.00E+00	6.25E-07
2636	ALL	462314.3	3772770	NonCancer	0.00E+00	1.12E-08	6.74E-07	0.00E+00	0.00E+00	6.79E-07	3.49E-07	0.00E+00	5.34E-07	0.00E+00	0.00E+00	6.74E-07	0.00E+00	0.00E+00	6.79E-07
2637	ALL	462318.1	3772761	NonCancer	0.00E+00	1.22E-08	7.33E-07	0.00E+00	0.00E+00	7.39E-07	3.80E-07	0.00E+00	5.81E-07	0.00E+00	0.00E+00	7.33E-07	0.00E+00	0.00E+00	7.39E-07
2638	ALL	462321.8	3772752	NonCancer	0.00E+00	1.31E-08	7.89E-07	0.00E+00	0.00E+00	7.95E-07	4.09E-07	0.00E+00	6.25E-07	0.00E+00	0.00E+00	7.89E-07	0.00E+00	0.00E+00	7.95E-07
2639	ALL	462325.5	3772743	NonCancer	0.00E+00	1.39E-08	8.38E-07	0.00E+00	0.00E+00	8.45E-07	4.35E-07	0.00E+00	6.64E-07	0.00E+00	0.00E+00	8.38E-07	0.00E+00	0.00E+00	8.45E-07
2640	ALL	462329.2	3772734	NonCancer	0.00E+00	1.46E-08	8.81E-07	0.00E+00	0.00E+00	8.88E-07	4.57E-07	0.00E+00	6.99E-07	0.00E+00	0.00E+00	8.81E-07	0.00E+00	0.00E+00	8.88E-07
2641	ALL	462332.9	3772725	NonCancer	0.00E+00	1.52E-08	9.17E-07	0.00E+00	0.00E+00	9.24E-07	4.75E-07	0.00E+00	7.27E-07	0.00E+00	0.00E+00	9.17E-07	0.00E+00	0.00E+00	9.24E-07
2642	ALL	462336.7	3772715	NonCancer	0.00E+00	1.57E-08	9.45E-07	0.00E+00	0.00E+00	9.53E-07	4.90E-07	0.00E+00	7.49E-07	0.00E+00	0.00E+00	9.45E-07	0.00E+00	0.00E+00	9.53E-07
2643	ALL	462340.4	3772706	NonCancer	0.00E+00	1.60E-08	9.63E-07	0.00E+00	0.00E+00	9.71E-07	4.99E-07	0.00E+00	7.63E-07	0.00E+00	0.00E+00	9.63E-07	0.00E+00	0.00E+00	9.71E-07
2644	ALL	462344.1	3772697	NonCancer	0.00E+00	1.61E-08	9.70E-07	0.00E+00	0.00E+00	9.77E-07	5.03E-07	0.00E+00	7.68E-07	0.00E+00	0.00E+00	9.70E-07	0.00E+00	0.00E+00	9.77E-07

2645	ALL	462347.8	3772688	NonCancer	0.00E+00	1.60E-08	9.62E-07	0.00E+00	0.00E+00	9.70E-07	4.99E-07	0.00E+00	7.62E-07	0.00E+00	0.00E+00	9.62E-07	0.00E+00	0.00E+00	9.70E-07
2646	ALL	462351.5	3772679	NonCancer	0.00E+00	1.57E-08	9.43E-07	0.00E+00	0.00E+00	9.51E-07	4.89E-07	0.00E+00	7.48E-07	0.00E+00	0.00E+00	9.43E-07	0.00E+00	0.00E+00	9.51E-07
2647	ALL	462355.3	3772670	NonCancer	0.00E+00	1.52E-08	9.15E-07	0.00E+00	0.00E+00	9.22E-07	4.74E-07	0.00E+00	7.25E-07	0.00E+00	0.00E+00	9.15E-07	0.00E+00	0.00E+00	9.22E-07
2648	ALL	462359	3772660	NonCancer	0.00E+00	1.46E-08	8.80E-07	0.00E+00	0.00E+00	8.87E-07	4.56E-07	0.00E+00	6.98E-07	0.00E+00	0.00E+00	8.80E-07	0.00E+00	0.00E+00	8.87E-07
2649	ALL	462362.7	3772651	NonCancer	0.00E+00	1.40E-08	8.40E-07	0.00E+00	0.00E+00	8.47E-07	4.36E-07	0.00E+00	6.66E-07	0.00E+00	0.00E+00	8.40E-07	0.00E+00	0.00E+00	8.47E-07
2650	ALL	462366.4	3772642	NonCancer	0.00E+00	1.32E-08	7.95E-07	0.00E+00	0.00E+00	8.02E-07	4.12E-07	0.00E+00	6.30E-07	0.00E+00	0.00E+00	7.95E-07	0.00E+00	0.00E+00	8.02E-07
2651	ALL	462370.2	3772633	NonCancer	0.00E+00	1.24E-08	7.45E-07	0.00E+00	0.00E+00	7.51E-07	3.86E-07	0.00E+00	5.91E-07	0.00E+00	0.00E+00	7.45E-07	0.00E+00	0.00E+00	7.51E-07
2652	ALL	462373.9	3772624	NonCancer	0.00E+00	1.17E-08	7.05E-07	0.00E+00	0.00E+00	7.10E-07	3.65E-07	0.00E+00	5.58E-07	0.00E+00	0.00E+00	7.05E-07	0.00E+00	0.00E+00	7.10E-07
2653	ALL	462405	3772603	NonCancer	0.00E+00	1.11E-08	6.65E-07	0.00E+00	0.00E+00	6.71E-07	3.45E-07	0.00E+00	5.27E-07	0.00E+00	0.00E+00	6.65E-07	0.00E+00	0.00E+00	6.71E-07
2654	ALL	462414.1	3772599	NonCancer	0.00E+00	1.10E-08	6.62E-07	0.00E+00	0.00E+00	6.68E-07	3.43E-07	0.00E+00	5.25E-07	0.00E+00	0.00E+00	6.62E-07	0.00E+00	0.00E+00	6.68E-07
2655	ALL	462423.3	3772595	NonCancer	0.00E+00	1.09E-08	6.55E-07	0.00E+00	0.00E+00	6.61E-07	3.40E-07	0.00E+00	5.19E-07	0.00E+00	0.00E+00	6.55E-07	0.00E+00	0.00E+00	6.61E-07
2656	ALL	462432.4	3772592	NonCancer	0.00E+00	1.07E-08	6.45E-07	0.00E+00	0.00E+00	6.50E-07	3.34E-07	0.00E+00	5.11E-07	0.00E+00	0.00E+00	6.45E-07	0.00E+00	0.00E+00	6.50E-07
2657	ALL	462441.5	3772588	NonCancer	0.00E+00	1.05E-08	6.32E-07	0.00E+00	0.00E+00	6.37E-07	3.27E-07	0.00E+00	5.00E-07	0.00E+00	0.00E+00	6.32E-07	0.00E+00	0.00E+00	6.37E-07
2658	ALL	462450.7	3772584	NonCancer	0.00E+00	1.03E-08	6.17E-07	0.00E+00	0.00E+00	6.22E-07	3.20E-07	0.00E+00	4.89E-07	0.00E+00	0.00E+00	6.17E-07	0.00E+00	0.00E+00	6.22E-07
2659	ALL	462478.1	3772572	NonCancer	0.00E+00	1.06E-08	6.37E-07	0.00E+00	0.00E+00	6.42E-07	3.30E-07	0.00E+00	5.05E-07	0.00E+00	0.00E+00	6.37E-07	0.00E+00	0.00E+00	6.42E-07
2660	ALL	462487.2	3772569	NonCancer	0.00E+00	1.07E-08	6.43E-07	0.00E+00	0.00E+00	6.48E-07	3.34E-07	0.00E+00	5.10E-07	0.00E+00	0.00E+00	6.43E-07	0.00E+00	0.00E+00	6.48E-07
2661	ALL	462496.3	3772565	NonCancer	0.00E+00	1.07E-08	6.46E-07	0.00E+00	0.00E+00	6.51E-07	3.35E-07	0.00E+00	5.12E-07	0.00E+00	0.00E+00	6.46E-07	0.00E+00	0.00E+00	6.51E-07
2662	ALL	462505.5	3772561	NonCancer	0.00E+00	1.07E-08	6.46E-07	0.00E+00	0.00E+00	6.52E-07	3.35E-07	0.00E+00	5.12E-07	0.00E+00	0.00E+00	6.46E-07	0.00E+00	0.00E+00	6.52E-07
2663	ALL	462514.6	3772557	NonCancer	0.00E+00	1.07E-08	6.43E-07	0.00E+00	0.00E+00	6.48E-07	3.33E-07	0.00E+00	5.10E-07	0.00E+00	0.00E+00	6.43E-07	0.00E+00	0.00E+00	6.48E-07
2664	ALL	462523.7	3772553	NonCancer	0.00E+00	1.06E-08	6.36E-07	0.00E+00	0.00E+00	6.41E-07	3.30E-07	0.00E+00	5.04E-07	0.00E+00	0.00E+00	6.36E-07	0.00E+00	0.00E+00	6.41E-07
2665	ALL	462532.8	3772549	NonCancer	0.00E+00	1.05E-08	6.30E-07	0.00E+00	0.00E+00	6.35E-07	3.27E-07	0.00E+00	4.99E-07	0.00E+00	0.00E+00	6.30E-07	0.00E+00	0.00E+00	6.35E-07
2666	ALL	462542	3772546	NonCancer	0.00E+00	1.03E-08	6.23E-07	0.00E+00	0.00E+00	6.28E-07	3.23E-07	0.00E+00	4.93E-07	0.00E+00	0.00E+00	6.23E-07	0.00E+00	0.00E+00	6.28E-07
2667	ALL	462551.1	3772542	NonCancer	0.00E+00	1.02E-08	6.13E-07	0.00E+00	0.00E+00	6.17E-07	3.18E-07	0.00E+00	4.85E-07	0.00E+00	0.00E+00	6.13E-07	0.00E+00	0.00E+00	6.17E-07
2668	ALL	462560.2	3772538	NonCancer	0.00E+00	9.97E-09	6.00E-07	0.00E+00	0.00E+00	6.05E-07	3.11E-07	0.00E+00	4.75E-07	0.00E+00	0.00E+00	6.00E-07	0.00E+00	0.00E+00	6.05E-07
2669	ALL	462569.4	3772534	NonCancer	0.00E+00	9.78E-09	5.88E-07	0.00E+00	0.00E+00	5.93E-07	3.05E-07	0.00E+00	4.66E-07	0.00E+00	0.00E+00	5.88E-07	0.00E+00	0.00E+00	5.93E-07
2670	ALL	462578.5	3772530	NonCancer	0.00E+00	9.90E-09	5.96E-07	0.00E+00	0.00E+00	6.01E-07	3.09E-07	0.00E+00	4.72E-07	0.00E+00	0.00E+00	5.96E-07	0.00E+00	0.00E+00	6.01E-07
2671	ALL	462587.6	3772527	NonCancer	0.00E+00	1.02E-08	6.17E-07	0.00E+00	0.00E+00	6.21E-07	3.20E-07	0.00E+00	4.89E-07	0.00E+00	0.00E+00	6.17E-07	0.00E+00	0.00E+00	6.21E-07
2672	ALL	462596.8	3772523	NonCancer	0.00E+00	1.06E-08	6.35E-07	0.00E+00	0.00E+00	6.40E-07	3.29E-07	0.00E+00	5.03E-07	0.00E+00	0.00E+00	6.35E-07	0.00E+00	0.00E+00	6.40E-07
2673	ALL	462605.9	3772519	NonCancer	0.00E+00	1.08E-08	6.52E-07	0.00E+00	0.00E+00	6.57E-07	3.38E-07	0.00E+00	5.17E-07	0.00E+00	0.00E+00	6.52E-07	0.00E+00	0.00E+00	6.57E-07
2674	ALL	462633.3	3772507	NonCancer	0.00E+00	1.15E-08	6.89E-07	0.00E+00	0.00E+00	6.95E-07	3.57E-07	0.00E+00	5.46E-07	0.00E+00	0.00E+00	6.89E-07	0.00E+00	0.00E+00	6.95E-07
2675	ALL	462642.4	3772504	NonCancer	0.00E+00	1.16E-08	6.95E-07	0.00E+00	0.00E+00	7.01E-07	3.61E-07	0.00E+00	5.51E-07	0.00E+00	0.00E+00	6.95E-07	0.00E+00	0.00E+00	7.01E-07
2676	ALL	462651.6	3772500	NonCancer	0.00E+00	1.16E-08	6.98E-07	0.00E+00	0.00E+00	7.03E-07	3.62E-07	0.00E+00	5.53E-07	0.00E+00	0.00E+00	6.98E-07	0.00E+00	0.00E+00	7.03E-07
2677	ALL	462660.7	3772496	NonCancer	0.00E+00	1.16E-08	6.97E-07	0.00E+00	0.00E+00	7.02E-07	3.61E-07	0.00E+00	5.52E-07	0.00E+00	0.00E+00	6.97E-07	0.00E+00	0.00E+00	7.02E-07
2678	ALL	462669.8	3772492	NonCancer	0.00E+00	1.15E-08	6.92E-07	0.00E+00	0.00E+00	6.97E-07	3.59E-07	0.00E+00	5.48E-07	0.00E+00	0.00E+00	6.92E-07	0.00E+00	0.00E+00	6.97E-07
2679	ALL	462679	3772488	NonCancer	0.00E+00	1.15E-08	6.91E-07	0.00E+00	0.00E+00	6.97E-07	3.59E-07	0.00E+00	5.48E-07	0.00E+00	0.00E+00	6.91E-07	0.00E+00	0.00E+00	6.97E-07
2680	ALL	462688.1	3772484	NonCancer	0.00E+00	1.15E-08	6.93E-07	0.00E+00	0.00E+00	6.98E-07	3.59E-07	0.00E+00	5.49E-07	0.00E+00	0.00E+00	6.93E-07	0.00E+00	0.00E+00	6.98E-07
2681	ALL	462697.2	3772481	NonCancer	0.00E+00	1.22E-08	7.36E-07	0.00E+00	0.00E+00	7.42E-07	3.82E-07	0.00E+00	5.84E-07	0.00E+00	0.00E+00	7.36E-07	0.00E+00	0.00E+00	7.42E-07
2682	ALL	462706.4	3772477	NonCancer	0.00E+00	1.33E-08	8.02E-07	0.00E+00	0.00E+00	8.09E-07	4.16E-07	0.00E+00	6.36E-07	0.00E+00	0.00E+00	8.02E-07	0.00E+00	0.00E+00	8.09E-07
2683	ALL	462715.5	3772473	NonCancer	0.00E+00	1.44E-08	8.69E-07	0.00E+00	0.00E+00	8.76E-07	4.51E-07	0.00E+00	6.89E-07	0.00E+00	0.00E+00	8.69E-07	0.00E+00	0.00E+00	8.76E-07
2684	ALL	462724.6	3772469	NonCancer	0.00E+00	1.55E-08	9.33E-07	0.00E+00	0.00E+00	9.41E-07	4.84E-07	0.00E+00	7.40E-07	0.00E+00	0.00E+00	9.33E-07	0.00E+00	0.00E+00	9.41E-07
2685	ALL	462788.6	3772442	NonCancer	0.00E+00	2.00E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.25E-07	0.00E+00	9.56E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
2686	ALL	462797.7	3772439	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.28E-07	0.00E+00	9.60E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
2687	ALL	462806.8	3772435	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.24E-07	0.00E+00	9.54E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
2688	ALL	462816	3772431	NonCancer	0.00E+00	1.97E-08	1.19E-06	0.00E+00	0.00E+00	1.19E-06	6.15E-07	0.00E+00	9.40E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.19E-06
2689	ALL	462825.1	3772427	NonCancer	0.00E+00	1.92E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.00E-07	0.00E+00	9.17E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
2690	ALL	462834.2	3772423	NonCancer	0.00E+00	1.86E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.82E-07	0.00E+00	8.89E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
2691	ALL	462843.4	3772419	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.60E-07	0.00E+00	8.56E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
2692	ALL	462852.5	3772416	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.40E-07	0.00E+00	8.25E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
2693	ALL	462861.6	3772412	NonCancer	0.00E+00	1.67E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.21E-07	0.00E+00	7.96E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
2694	ALL	462870.8	3772408	NonCancer	0.00E+00	1.61E-08	9.70E-07	0.00E+00	0.00E+00	9.78E-07	5.03E-07	0.00E+00	7.69E-07	0.00E+00	0.00E+00	9.70E-07	0.00E+00	0.00E+00	9.78E-07
2695	ALL	462879.9	3772404	NonCancer	0.00E+00	1.56E-08	9.40E-07	0.00E+00	0.00E+00	9.47E-07	4.87E-07	0.00E+00	7.44E-07	0.00E+00	0.00E+00	9.40E-07	0.00E+00	0.00E+00	9.47E-07
2696	ALL	462889	3772400	NonCancer	0.00E+00	1.55E-08	9.32E-07	0.00E+00	0.00E+00	9.39E-07	4.83E-07	0.00E+00	7.38E-07	0.00E+00	0.00E+00	9.32E-07	0.00E+00	0.00E+00	9.39E-07
2697	ALL	462898.2	3772396	NonCancer	0.00E+00	1.57E-08	9.42E-07	0.00E+00	0.00E+00	9.50E-07	4.88E-07	0.00E+00	7.46E-07	0.00E+00	0.00E+00	9.42E-07	0.00E+00	0.00E+00	9.50E-07
2698	ALL	462907.3	3772393	NonCancer	0.00E+00	1.58E-08	9.50E-07	0.00E+00	0.00E+00	9.57E-07	4.92E-07	0.00E+00	7.52E-07	0.00E+00	0.00E+00	9.50E-07	0.00E+00	0.00E+00	9.57E-07

2699	ALL	462158	3773156	NonCancer	0.00E+00	8.78E-09	5.29E-07	0.00E+00	0.00E+00	5.33E-07	2.74E-07	0.00E+00	4.19E-07	0.00E+00	0.00E+00	5.29E-07	0.00E+00	0.00E+00	5.33E-07
2700	ALL	462158.1	3773166	NonCancer	0.00E+00	8.82E-09	5.31E-07	0.00E+00	0.00E+00	5.35E-07	2.75E-07	0.00E+00	4.20E-07	0.00E+00	0.00E+00	5.31E-07	0.00E+00	0.00E+00	5.35E-07
2701	ALL	462158.2	3773176	NonCancer	0.00E+00	8.83E-09	5.31E-07	0.00E+00	0.00E+00	5.36E-07	2.75E-07	0.00E+00	4.21E-07	0.00E+00	0.00E+00	5.31E-07	0.00E+00	0.00E+00	5.36E-07
2702	ALL	462158.3	3773186	NonCancer	0.00E+00	8.77E-09	5.28E-07	0.00E+00	0.00E+00	5.32E-07	2.74E-07	0.00E+00	4.18E-07	0.00E+00	0.00E+00	5.28E-07	0.00E+00	0.00E+00	5.32E-07
2703	ALL	462158.4	3773196	NonCancer	0.00E+00	8.73E-09	5.26E-07	0.00E+00	0.00E+00	5.30E-07	2.72E-07	0.00E+00	4.16E-07	0.00E+00	0.00E+00	5.26E-07	0.00E+00	0.00E+00	5.30E-07
2704	ALL	462158.5	3773206	NonCancer	0.00E+00	8.70E-09	5.24E-07	0.00E+00	0.00E+00	5.28E-07	2.71E-07	0.00E+00	4.15E-07	0.00E+00	0.00E+00	5.24E-07	0.00E+00	0.00E+00	5.28E-07
2705	ALL	462158.6	3773216	NonCancer	0.00E+00	8.70E-09	5.24E-07	0.00E+00	0.00E+00	5.28E-07	2.71E-07	0.00E+00	4.15E-07	0.00E+00	0.00E+00	5.24E-07	0.00E+00	0.00E+00	5.28E-07
2706	ALL	462121.8	3773147	NonCancer	0.00E+00	8.32E-09	5.01E-07	0.00E+00	0.00E+00	5.05E-07	2.59E-07	0.00E+00	3.97E-07	0.00E+00	0.00E+00	5.01E-07	0.00E+00	0.00E+00	5.05E-07
2707	ALL	462125.5	3773138	NonCancer	0.00E+00	8.42E-09	5.07E-07	0.00E+00	0.00E+00	5.11E-07	2.63E-07	0.00E+00	4.02E-07	0.00E+00	0.00E+00	5.07E-07	0.00E+00	0.00E+00	5.11E-07
2708	ALL	462129.2	3773129	NonCancer	0.00E+00	8.60E-09	5.18E-07	0.00E+00	0.00E+00	5.22E-07	2.68E-07	0.00E+00	4.10E-07	0.00E+00	0.00E+00	5.18E-07	0.00E+00	0.00E+00	5.22E-07
2709	ALL	462140.4	3773101	NonCancer	0.00E+00	9.01E-09	5.42E-07	0.00E+00	0.00E+00	5.47E-07	2.81E-07	0.00E+00	4.30E-07	0.00E+00	0.00E+00	5.42E-07	0.00E+00	0.00E+00	5.47E-07
2710	ALL	462144.1	3773092	NonCancer	0.00E+00	9.12E-09	5.49E-07	0.00E+00	0.00E+00	5.53E-07	2.85E-07	0.00E+00	4.35E-07	0.00E+00	0.00E+00	5.49E-07	0.00E+00	0.00E+00	5.53E-07
2711	ALL	462147.9	3773083	NonCancer	0.00E+00	9.17E-09	5.52E-07	0.00E+00	0.00E+00	5.56E-07	2.86E-07	0.00E+00	4.37E-07	0.00E+00	0.00E+00	5.52E-07	0.00E+00	0.00E+00	5.56E-07
2712	ALL	462151.6	3773073	NonCancer	0.00E+00	9.16E-09	5.51E-07	0.00E+00	0.00E+00	5.56E-07	2.86E-07	0.00E+00	4.37E-07	0.00E+00	0.00E+00	5.51E-07	0.00E+00	0.00E+00	5.56E-07
2713	ALL	462155.3	3773064	NonCancer	0.00E+00	9.14E-09	5.50E-07	0.00E+00	0.00E+00	5.55E-07	2.85E-07	0.00E+00	4.36E-07	0.00E+00	0.00E+00	5.50E-07	0.00E+00	0.00E+00	5.55E-07
2714	ALL	462159	3773055	NonCancer	0.00E+00	9.09E-09	5.47E-07	0.00E+00	0.00E+00	5.52E-07	2.84E-07	0.00E+00	4.34E-07	0.00E+00	0.00E+00	5.47E-07	0.00E+00	0.00E+00	5.52E-07
2715	ALL	462162.8	3773046	NonCancer	0.00E+00	9.03E-09	5.44E-07	0.00E+00	0.00E+00	5.48E-07	2.82E-07	0.00E+00	4.31E-07	0.00E+00	0.00E+00	5.44E-07	0.00E+00	0.00E+00	5.48E-07
2716	ALL	462166.5	3773037	NonCancer	0.00E+00	8.95E-09	5.39E-07	0.00E+00	0.00E+00	5.43E-07	2.79E-07	0.00E+00	4.27E-07	0.00E+00	0.00E+00	5.39E-07	0.00E+00	0.00E+00	5.43E-07
2717	ALL	462170.2	3773027	NonCancer	0.00E+00	8.81E-09	5.31E-07	0.00E+00	0.00E+00	5.35E-07	2.75E-07	0.00E+00	4.20E-07	0.00E+00	0.00E+00	5.31E-07	0.00E+00	0.00E+00	5.35E-07
2718	ALL	462174	3773018	NonCancer	0.00E+00	8.81E-09	5.30E-07	0.00E+00	0.00E+00	5.34E-07	2.75E-07	0.00E+00	4.20E-07	0.00E+00	0.00E+00	5.30E-07	0.00E+00	0.00E+00	5.34E-07
2719	ALL	462177.7	3773009	NonCancer	0.00E+00	8.80E-09	5.29E-07	0.00E+00	0.00E+00	5.34E-07	2.74E-07	0.00E+00	4.19E-07	0.00E+00	0.00E+00	5.29E-07	0.00E+00	0.00E+00	5.34E-07
2720	ALL	462181.4	3773000	NonCancer	0.00E+00	8.77E-09	5.28E-07	0.00E+00	0.00E+00	5.32E-07	2.74E-07	0.00E+00	4.18E-07	0.00E+00	0.00E+00	5.28E-07	0.00E+00	0.00E+00	5.32E-07
2721	ALL	462185.1	3772991	NonCancer	0.00E+00	8.72E-09	5.25E-07	0.00E+00	0.00E+00	5.29E-07	2.72E-07	0.00E+00	4.16E-07	0.00E+00	0.00E+00	5.25E-07	0.00E+00	0.00E+00	5.29E-07
2722	ALL	462188.9	3772982	NonCancer	0.00E+00	8.75E-09	5.27E-07	0.00E+00	0.00E+00	5.31E-07	2.73E-07	0.00E+00	4.17E-07	0.00E+00	0.00E+00	5.27E-07	0.00E+00	0.00E+00	5.31E-07
2723	ALL	462192.6	3772972	NonCancer	0.00E+00	8.90E-09	5.35E-07	0.00E+00	0.00E+00	5.40E-07	2.78E-07	0.00E+00	4.24E-07	0.00E+00	0.00E+00	5.35E-07	0.00E+00	0.00E+00	5.40E-07
2724	ALL	462196.3	3772963	NonCancer	0.00E+00	9.02E-09	5.43E-07	0.00E+00	0.00E+00	5.47E-07	2.81E-07	0.00E+00	4.30E-07	0.00E+00	0.00E+00	5.43E-07	0.00E+00	0.00E+00	5.47E-07
2725	ALL	462200	3772954	NonCancer	0.00E+00	9.13E-09	5.50E-07	0.00E+00	0.00E+00	5.54E-07	2.85E-07	0.00E+00	4.36E-07	0.00E+00	0.00E+00	5.50E-07	0.00E+00	0.00E+00	5.54E-07
2726	ALL	462226.1	3772890	NonCancer	0.00E+00	8.75E-09	5.27E-07	0.00E+00	0.00E+00	5.31E-07	2.73E-07	0.00E+00	4.17E-07	0.00E+00	0.00E+00	5.27E-07	0.00E+00	0.00E+00	5.31E-07
2727	ALL	462229.9	3772880	NonCancer	0.00E+00	8.75E-09	5.26E-07	0.00E+00	0.00E+00	5.31E-07	2.73E-07	0.00E+00	4.17E-07	0.00E+00	0.00E+00	5.26E-07	0.00E+00	0.00E+00	5.31E-07
2728	ALL	462252.2	3772825	NonCancer	0.00E+00	8.57E-09	5.16E-07	0.00E+00	0.00E+00	5.20E-07	2.68E-07	0.00E+00	4.09E-07	0.00E+00	0.00E+00	5.16E-07	0.00E+00	0.00E+00	5.20E-07
2729	ALL	462256	3772816	NonCancer	0.00E+00	8.54E-09	5.14E-07	0.00E+00	0.00E+00	5.18E-07	2.67E-07	0.00E+00	4.07E-07	0.00E+00	0.00E+00	5.14E-07	0.00E+00	0.00E+00	5.18E-07
2730	ALL	462259.7	3772807	NonCancer	0.00E+00	8.50E-09	5.11E-07	0.00E+00	0.00E+00	5.15E-07	2.65E-07	0.00E+00	4.05E-07	0.00E+00	0.00E+00	5.11E-07	0.00E+00	0.00E+00	5.15E-07
2731	ALL	462263.4	3772798	NonCancer	0.00E+00	8.43E-09	5.07E-07	0.00E+00	0.00E+00	5.11E-07	2.63E-07	0.00E+00	4.02E-07	0.00E+00	0.00E+00	5.07E-07	0.00E+00	0.00E+00	5.11E-07
2732	ALL	462267.1	3772789	NonCancer	0.00E+00	8.38E-09	5.05E-07	0.00E+00	0.00E+00	5.09E-07	2.62E-07	0.00E+00	4.00E-07	0.00E+00	0.00E+00	5.05E-07	0.00E+00	0.00E+00	5.09E-07
2733	ALL	462270.9	3772779	NonCancer	0.00E+00	8.76E-09	5.27E-07	0.00E+00	0.00E+00	5.31E-07	2.73E-07	0.00E+00	4.18E-07	0.00E+00	0.00E+00	5.27E-07	0.00E+00	0.00E+00	5.31E-07
2734	ALL	462274.6	3772770	NonCancer	0.00E+00	9.18E-09	5.52E-07	0.00E+00	0.00E+00	5.57E-07	2.86E-07	0.00E+00	4.38E-07	0.00E+00	0.00E+00	5.52E-07	0.00E+00	0.00E+00	5.57E-07
2735	ALL	462278.3	3772761	NonCancer	0.00E+00	9.66E-09	5.81E-07	0.00E+00	0.00E+00	5.86E-07	3.01E-07	0.00E+00	4.61E-07	0.00E+00	0.00E+00	5.81E-07	0.00E+00	0.00E+00	5.86E-07
2736	ALL	462282.1	3772752	NonCancer	0.00E+00	1.04E-08	6.25E-07	0.00E+00	0.00E+00	6.30E-07	3.24E-07	0.00E+00	4.95E-07	0.00E+00	0.00E+00	6.25E-07	0.00E+00	0.00E+00	6.30E-07
2737	ALL	462285.8	3772743	NonCancer	0.00E+00	1.12E-08	6.77E-07	0.00E+00	0.00E+00	6.82E-07	3.51E-07	0.00E+00	5.36E-07	0.00E+00	0.00E+00	6.77E-07	0.00E+00	0.00E+00	6.82E-07
2738	ALL	462289.5	3772733	NonCancer	0.00E+00	1.21E-08	7.26E-07	0.00E+00	0.00E+00	7.32E-07	3.77E-07	0.00E+00	5.76E-07	0.00E+00	0.00E+00	7.26E-07	0.00E+00	0.00E+00	7.32E-07
2739	ALL	462293.2	3772724	NonCancer	0.00E+00	1.28E-08	7.73E-07	0.00E+00	0.00E+00	7.79E-07	4.01E-07	0.00E+00	6.13E-07	0.00E+00	0.00E+00	7.73E-07	0.00E+00	0.00E+00	7.79E-07
2740	ALL	462297	3772715	NonCancer	0.00E+00	1.36E-08	8.17E-07	0.00E+00	0.00E+00	8.24E-07	4.24E-07	0.00E+00	6.48E-07	0.00E+00	0.00E+00	8.17E-07	0.00E+00	0.00E+00	8.24E-07
2741	ALL	462300.7	3772706	NonCancer	0.00E+00	1.42E-08	8.54E-07	0.00E+00	0.00E+00	8.61E-07	4.43E-07	0.00E+00	6.77E-07	0.00E+00	0.00E+00	8.54E-07	0.00E+00	0.00E+00	8.61E-07
2742	ALL	462304.4	3772697	NonCancer	0.00E+00	1.47E-08	8.83E-07	0.00E+00	0.00E+00	8.90E-07	4.58E-07	0.00E+00	7.00E-07	0.00E+00	0.00E+00	8.83E-07	0.00E+00	0.00E+00	8.90E-07
2743	ALL	462308.1	3772687	NonCancer	0.00E+00	1.50E-08	9.01E-07	0.00E+00	0.00E+00	9.08E-07	4.67E-07	0.00E+00	7.14E-07	0.00E+00	0.00E+00	9.01E-07	0.00E+00	0.00E+00	9.08E-07
2744	ALL	462311.9	3772678	NonCancer	0.00E+00	1.51E-08	9.07E-07	0.00E+00	0.00E+00	9.15E-07	4.71E-07	0.00E+00	7.19E-07	0.00E+00	0.00E+00	9.07E-07	0.00E+00	0.00E+00	9.15E-07
2745	ALL	462315.6	3772669	NonCancer	0.00E+00	1.50E-08	9.04E-07	0.00E+00	0.00E+00	9.11E-07	4.69E-07	0.00E+00	7.17E-07	0.00E+00	0.00E+00	9.04E-07	0.00E+00	0.00E+00	9.11E-07
2746	ALL	462319.3	3772660	NonCancer	0.00E+00	1.48E-08	8.93E-07	0.00E+00	0.00E+00	9.01E-07	4.63E-07	0.00E+00	7.08E-07	0.00E+00	0.00E+00	8.93E-07	0.00E+00	0.00E+00	9.01E-07
2747	ALL	462323.1	3772651	NonCancer	0.00E+00	1.45E-08	8.74E-07	0.00E+00	0.00E+00	8.81E-07	4.53E-07	0.00E+00	6.93E-07	0.00E+00	0.00E+00	8.74E-07	0.00E+00	0.00E+00	8.81E-07
2748	ALL	462326.8	3772641	NonCancer	0.00E+00	1.41E-08	8.47E-07	0.00E+00	0.00E+00	8.54E-07	4.39E-07	0.00E+00	6.71E-07	0.00E+00	0.00E+00	8.47E-07	0.00E+00	0.00E+00	8.54E-07
2749	ALL	462330.5	3772632	NonCancer	0.00E+00	1.35E-08	8.13E-07	0.00E+00	0.00E+00	8.20E-07	4.22E-07	0.00E+00	6.44E-07	0.00E+00	0.00E+00	8.13E-07	0.00E+00	0.00E+00	8.20E-07
2750	ALL	462334.2	3772623	NonCancer	0.00E+00	1.28E-08	7.73E-07	0.00E+00	0.00E+00	7.80E-07	4.01E-07	0.00E+00	6.13E-07	0.00E+00	0.00E+00	7.73E-07	0.00E+00	0.00E+00	7.80E-07
2751	ALL	462345.4	3772596	NonCancer	0.00E+00	1.09E-08	6.54E-07	0.00E+00	0.00E+00	6.59E-07	3.39E-07	0.00E+00	5.18E-07	0.00E+00	0.00E+00	6.54E-07	0.00E+00	0.00E+00	6.59E-07
2752	ALL	462358.3	3772583	NonCancer	0.00E+00	1.04E-08	6.23E-07	0.00E+00	0.00E+00	6.28E-07	3.23E-07	0.00E+00	4.94E-07	0.00E+00	0.00E+00	6.23E-07	0.00E+00	0.00E+00	6.28E-07

2753	ALL	462367.4	3772579	NonCancer	0.00E+00	1.04E-08	6.23E-07	0.00E+00	0.00E+00	6.28E-07	3.23E-07	0.00E+00	4.94E-07	0.00E+00	0.00E+00	6.23E-07	0.00E+00	0.00E+00	6.28E-07
2754	ALL	462376.6	3772575	NonCancer	0.00E+00	1.03E-08	6.23E-07	0.00E+00	0.00E+00	6.28E-07	3.23E-07	0.00E+00	4.93E-07	0.00E+00	0.00E+00	6.23E-07	0.00E+00	0.00E+00	6.28E-07
2755	ALL	462385.7	3772571	NonCancer	0.00E+00	1.03E-08	6.18E-07	0.00E+00	0.00E+00	6.23E-07	3.21E-07	0.00E+00	4.90E-07	0.00E+00	0.00E+00	6.18E-07	0.00E+00	0.00E+00	6.23E-07
2756	ALL	462394.9	3772567	NonCancer	0.00E+00	1.01E-08	6.10E-07	0.00E+00	0.00E+00	6.15E-07	3.16E-07	0.00E+00	4.83E-07	0.00E+00	0.00E+00	6.10E-07	0.00E+00	0.00E+00	6.15E-07
2757	ALL	462404	3772563	NonCancer	0.00E+00	9.96E-09	5.99E-07	0.00E+00	0.00E+00	6.04E-07	3.11E-07	0.00E+00	4.75E-07	0.00E+00	0.00E+00	5.99E-07	0.00E+00	0.00E+00	6.04E-07
2758	ALL	462413.2	3772560	NonCancer	0.00E+00	9.73E-09	5.85E-07	0.00E+00	0.00E+00	5.90E-07	3.04E-07	0.00E+00	4.64E-07	0.00E+00	0.00E+00	5.85E-07	0.00E+00	0.00E+00	5.90E-07
2759	ALL	462422.3	3772556	NonCancer	0.00E+00	9.53E-09	5.73E-07	0.00E+00	0.00E+00	5.78E-07	2.97E-07	0.00E+00	4.54E-07	0.00E+00	0.00E+00	5.73E-07	0.00E+00	0.00E+00	5.78E-07
2760	ALL	462431.5	3772552	NonCancer	0.00E+00	9.59E-09	5.77E-07	0.00E+00	0.00E+00	5.82E-07	2.99E-07	0.00E+00	4.57E-07	0.00E+00	0.00E+00	5.77E-07	0.00E+00	0.00E+00	5.82E-07
2761	ALL	462440.6	3772548	NonCancer	0.00E+00	9.70E-09	5.84E-07	0.00E+00	0.00E+00	5.88E-07	3.03E-07	0.00E+00	4.63E-07	0.00E+00	0.00E+00	5.84E-07	0.00E+00	0.00E+00	5.88E-07
2762	ALL	462449.8	3772544	NonCancer	0.00E+00	9.88E-09	5.95E-07	0.00E+00	0.00E+00	5.99E-07	3.08E-07	0.00E+00	4.71E-07	0.00E+00	0.00E+00	5.95E-07	0.00E+00	0.00E+00	5.99E-07
2763	ALL	462477.2	3772533	NonCancer	0.00E+00	1.01E-08	6.08E-07	0.00E+00	0.00E+00	6.13E-07	3.15E-07	0.00E+00	4.82E-07	0.00E+00	0.00E+00	6.08E-07	0.00E+00	0.00E+00	6.13E-07
2764	ALL	462486.4	3772529	NonCancer	0.00E+00	1.01E-08	6.06E-07	0.00E+00	0.00E+00	6.11E-07	3.14E-07	0.00E+00	4.81E-07	0.00E+00	0.00E+00	6.06E-07	0.00E+00	0.00E+00	6.11E-07
2765	ALL	462495.5	3772525	NonCancer	0.00E+00	9.99E-09	6.01E-07	0.00E+00	0.00E+00	6.06E-07	3.12E-07	0.00E+00	4.76E-07	0.00E+00	0.00E+00	6.01E-07	0.00E+00	0.00E+00	6.06E-07
2766	ALL	462504.7	3772521	NonCancer	0.00E+00	9.91E-09	5.96E-07	0.00E+00	0.00E+00	6.01E-07	3.09E-07	0.00E+00	4.72E-07	0.00E+00	0.00E+00	5.96E-07	0.00E+00	0.00E+00	6.01E-07
2767	ALL	462513.8	3772517	NonCancer	0.00E+00	9.81E-09	5.90E-07	0.00E+00	0.00E+00	5.95E-07	3.06E-07	0.00E+00	4.68E-07	0.00E+00	0.00E+00	5.90E-07	0.00E+00	0.00E+00	5.95E-07
2768	ALL	462523	3772514	NonCancer	0.00E+00	9.68E-09	5.83E-07	0.00E+00	0.00E+00	5.87E-07	3.02E-07	0.00E+00	4.62E-07	0.00E+00	0.00E+00	5.83E-07	0.00E+00	0.00E+00	5.87E-07
2769	ALL	462532.1	3772510	NonCancer	0.00E+00	9.51E-09	5.72E-07	0.00E+00	0.00E+00	5.77E-07	2.97E-07	0.00E+00	4.53E-07	0.00E+00	0.00E+00	5.72E-07	0.00E+00	0.00E+00	5.77E-07
2770	ALL	462541.3	3772506	NonCancer	0.00E+00	9.30E-09	5.60E-07	0.00E+00	0.00E+00	5.64E-07	2.90E-07	0.00E+00	4.44E-07	0.00E+00	0.00E+00	5.60E-07	0.00E+00	0.00E+00	5.64E-07
2771	ALL	462550.4	3772502	NonCancer	0.00E+00	9.15E-09	5.51E-07	0.00E+00	0.00E+00	5.55E-07	2.85E-07	0.00E+00	4.36E-07	0.00E+00	0.00E+00	5.51E-07	0.00E+00	0.00E+00	5.55E-07
2772	ALL	462559.6	3772498	NonCancer	0.00E+00	9.33E-09	5.61E-07	0.00E+00	0.00E+00	5.66E-07	2.91E-07	0.00E+00	4.45E-07	0.00E+00	0.00E+00	5.61E-07	0.00E+00	0.00E+00	5.66E-07
2773	ALL	462568.7	3772494	NonCancer	0.00E+00	9.63E-09	5.80E-07	0.00E+00	0.00E+00	5.84E-07	3.00E-07	0.00E+00	4.59E-07	0.00E+00	0.00E+00	5.80E-07	0.00E+00	0.00E+00	5.84E-07
2774	ALL	462577.9	3772491	NonCancer	0.00E+00	9.91E-09	5.96E-07	0.00E+00	0.00E+00	6.01E-07	3.09E-07	0.00E+00	4.73E-07	0.00E+00	0.00E+00	5.96E-07	0.00E+00	0.00E+00	6.01E-07
2775	ALL	462587	3772487	NonCancer	0.00E+00	1.02E-08	6.12E-07	0.00E+00	0.00E+00	6.17E-07	3.17E-07	0.00E+00	4.85E-07	0.00E+00	0.00E+00	6.12E-07	0.00E+00	0.00E+00	6.17E-07
2776	ALL	462596.2	3772483	NonCancer	0.00E+00	1.04E-08	6.25E-07	0.00E+00	0.00E+00	6.30E-07	3.24E-07	0.00E+00	4.96E-07	0.00E+00	0.00E+00	6.25E-07	0.00E+00	0.00E+00	6.30E-07
2777	ALL	462605.3	3772479	NonCancer	0.00E+00	1.06E-08	6.36E-07	0.00E+00	0.00E+00	6.42E-07	3.30E-07	0.00E+00	5.04E-07	0.00E+00	0.00E+00	6.36E-07	0.00E+00	0.00E+00	6.42E-07
2778	ALL	462632.7	3772468	NonCancer	0.00E+00	1.08E-08	6.52E-07	0.00E+00	0.00E+00	6.58E-07	3.38E-07	0.00E+00	5.17E-07	0.00E+00	0.00E+00	6.52E-07	0.00E+00	0.00E+00	6.58E-07
2779	ALL	462696.8	3772441	NonCancer	0.00E+00	1.29E-08	7.78E-07	0.00E+00	0.00E+00	7.85E-07	4.04E-07	0.00E+00	6.17E-07	0.00E+00	0.00E+00	7.78E-07	0.00E+00	0.00E+00	7.85E-07
2780	ALL	462705.9	3772437	NonCancer	0.00E+00	1.39E-08	8.38E-07	0.00E+00	0.00E+00	8.45E-07	4.35E-07	0.00E+00	6.64E-07	0.00E+00	0.00E+00	8.38E-07	0.00E+00	0.00E+00	8.45E-07
2781	ALL	462715.1	3772433	NonCancer	0.00E+00	1.49E-08	8.95E-07	0.00E+00	0.00E+00	9.02E-07	4.64E-07	0.00E+00	7.10E-07	0.00E+00	0.00E+00	8.95E-07	0.00E+00	0.00E+00	9.02E-07
2782	ALL	462724.2	3772429	NonCancer	0.00E+00	1.58E-08	9.49E-07	0.00E+00	0.00E+00	9.56E-07	4.92E-07	0.00E+00	7.52E-07	0.00E+00	0.00E+00	9.49E-07	0.00E+00	0.00E+00	9.56E-07
2783	ALL	462733.4	3772425	NonCancer	0.00E+00	1.66E-08	9.97E-07	0.00E+00	0.00E+00	1.00E-06	5.17E-07	0.00E+00	7.90E-07	0.00E+00	0.00E+00	9.97E-07	0.00E+00	0.00E+00	1.00E-06
2784	ALL	462742.5	3772422	NonCancer	0.00E+00	1.72E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.38E-07	0.00E+00	8.22E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
2785	ALL	462751.7	3772418	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.54E-07	0.00E+00	8.47E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
2786	ALL	462760.8	3772414	NonCancer	0.00E+00	1.82E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.68E-07	0.00E+00	8.68E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
2787	ALL	462770	3772410	NonCancer	0.00E+00	1.86E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.79E-07	0.00E+00	8.85E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
2788	ALL	462779.1	3772406	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.87E-07	0.00E+00	8.97E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
2789	ALL	462788.3	3772402	NonCancer	0.00E+00	1.89E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.88E-07	0.00E+00	8.99E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
2790	ALL	462797.4	3772399	NonCancer	0.00E+00	1.87E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.85E-07	0.00E+00	8.94E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
2791	ALL	462806.6	3772395	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.76E-07	0.00E+00	8.80E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
2792	ALL	462815.7	3772391	NonCancer	0.00E+00	1.80E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.63E-07	0.00E+00	8.60E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
2793	ALL	462824.9	3772387	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.46E-07	0.00E+00	8.34E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
2794	ALL	462834	3772383	NonCancer	0.00E+00	1.69E-08	1.02E-06	0.00E+00	0.00E+00	1.02E-06	5.27E-07	0.00E+00	8.05E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.02E-06
2795	ALL	462843.1	3772379	NonCancer	0.00E+00	1.64E-08	9.84E-07	0.00E+00	0.00E+00	9.92E-07	5.10E-07	0.00E+00	7.80E-07	0.00E+00	0.00E+00	9.84E-07	0.00E+00	0.00E+00	9.92E-07
2796	ALL	462852.3	3772376	NonCancer	0.00E+00	1.58E-08	9.53E-07	0.00E+00	0.00E+00	9.61E-07	4.94E-07	0.00E+00	7.55E-07	0.00E+00	0.00E+00	9.53E-07	0.00E+00	0.00E+00	9.61E-07
2797	ALL	462861.4	3772372	NonCancer	0.00E+00	1.53E-08	9.23E-07	0.00E+00	0.00E+00	9.30E-07	4.78E-07	0.00E+00	7.31E-07	0.00E+00	0.00E+00	9.23E-07	0.00E+00	0.00E+00	9.30E-07
2798	ALL	462870.6	3772368	NonCancer	0.00E+00	1.49E-08	8.94E-07	0.00E+00	0.00E+00	9.01E-07	4.63E-07	0.00E+00	7.08E-07	0.00E+00	0.00E+00	8.94E-07	0.00E+00	0.00E+00	9.01E-07
2799	ALL	462879.7	3772364	NonCancer	0.00E+00	1.47E-08	8.86E-07	0.00E+00	0.00E+00	8.93E-07	4.59E-07	0.00E+00	7.02E-07	0.00E+00	0.00E+00	8.86E-07	0.00E+00	0.00E+00	8.93E-07
2800	ALL	462888.9	3772360	NonCancer	0.00E+00	1.49E-08	8.96E-07	0.00E+00	0.00E+00	9.03E-07	4.64E-07	0.00E+00	7.10E-07	0.00E+00	0.00E+00	8.96E-07	0.00E+00	0.00E+00	9.03E-07
2801	ALL	462898	3772357	NonCancer	0.00E+00	1.50E-08	9.05E-07	0.00E+00	0.00E+00	9.12E-07	4.69E-07	0.00E+00	7.17E-07	0.00E+00	0.00E+00	9.05E-07	0.00E+00	0.00E+00	9.12E-07
2802	ALL	462907.2	3772353	NonCancer	0.00E+00	1.51E-08	9.10E-07	0.00E+00	0.00E+00	9.17E-07	4.71E-07	0.00E+00	7.21E-07	0.00E+00	0.00E+00	9.10E-07	0.00E+00	0.00E+00	9.17E-07
2803	ALL	462118	3773156	NonCancer	0.00E+00	8.30E-09	5.00E-07	0.00E+00	0.00E+00	5.04E-07	2.59E-07	0.00E+00	3.96E-07	0.00E+00	0.00E+00	5.00E-07	0.00E+00	0.00E+00	5.04E-07
2804	ALL	462118.1	3773166	NonCancer	0.00E+00	8.32E-09	5.01E-07	0.00E+00	0.00E+00	5.05E-07	2.60E-07	0.00E+00	3.97E-07	0.00E+00	0.00E+00	5.01E-07	0.00E+00	0.00E+00	5.05E-07
2805	ALL	462118.2	3773176	NonCancer	0.00E+00	8.33E-09	5.01E-07	0.00E+00	0.00E+00	5.05E-07	2.60E-07	0.00E+00	3.97E-07	0.00E+00	0.00E+00	5.01E-07	0.00E+00	0.00E+00	5.05E-07
2806	ALL	462118.3	3773186	NonCancer	0.00E+00	8.27E-09	4.98E-07	0.00E+00	0.00E+00	5.02E-07	2.58E-07	0.00E+00	3.95E-07	0.00E+00	0.00E+00	4.98E-07	0.00E+00	0.00E+00	5.02E-07

2807	ALL	462118.4	3773196	NonCancer	0.00E+00	8.24E-09	4.96E-07	0.00E+00	0.00E+00	5.00E-07	2.57E-07	0.00E+00	3.93E-07	0.00E+00	0.00E+00	4.96E-07	0.00E+00	0.00E+00	5.00E-07
2808	ALL	462118.5	3773206	NonCancer	0.00E+00	8.22E-09	4.95E-07	0.00E+00	0.00E+00	4.99E-07	2.57E-07	0.00E+00	3.92E-07	0.00E+00	0.00E+00	4.95E-07	0.00E+00	0.00E+00	4.99E-07
2809	ALL	462118.6	3773216	NonCancer	0.00E+00	8.25E-09	4.97E-07	0.00E+00	0.00E+00	5.01E-07	2.57E-07	0.00E+00	3.93E-07	0.00E+00	0.00E+00	4.97E-07	0.00E+00	0.00E+00	5.01E-07
2810	ALL	462118.7	3773226	NonCancer	0.00E+00	8.25E-09	4.97E-07	0.00E+00	0.00E+00	5.01E-07	2.57E-07	0.00E+00	3.93E-07	0.00E+00	0.00E+00	4.97E-07	0.00E+00	0.00E+00	5.01E-07
2811	ALL	462118.8	3773236	NonCancer	0.00E+00	8.24E-09	4.96E-07	0.00E+00	0.00E+00	5.00E-07	2.57E-07	0.00E+00	3.93E-07	0.00E+00	0.00E+00	4.96E-07	0.00E+00	0.00E+00	5.00E-07
2812	ALL	462118.9	3773246	NonCancer	0.00E+00	8.22E-09	4.95E-07	0.00E+00	0.00E+00	4.99E-07	2.56E-07	0.00E+00	3.92E-07	0.00E+00	0.00E+00	4.95E-07	0.00E+00	0.00E+00	4.99E-07
2813	ALL	462081.8	3773147	NonCancer	0.00E+00	7.87E-09	4.74E-07	0.00E+00	0.00E+00	4.78E-07	2.46E-07	0.00E+00	3.75E-07	0.00E+00	0.00E+00	4.74E-07	0.00E+00	0.00E+00	4.78E-07
2814	ALL	462085.5	3773138	NonCancer	0.00E+00	7.93E-09	4.78E-07	0.00E+00	0.00E+00	4.81E-07	2.48E-07	0.00E+00	3.78E-07	0.00E+00	0.00E+00	4.78E-07	0.00E+00	0.00E+00	4.81E-07
2815	ALL	462089.2	3773129	NonCancer	0.00E+00	8.07E-09	4.86E-07	0.00E+00	0.00E+00	4.90E-07	2.52E-07	0.00E+00	3.85E-07	0.00E+00	0.00E+00	4.86E-07	0.00E+00	0.00E+00	4.90E-07
2816	ALL	462100.4	3773101	NonCancer	0.00E+00	8.43E-09	5.07E-07	0.00E+00	0.00E+00	5.11E-07	2.63E-07	0.00E+00	4.02E-07	0.00E+00	0.00E+00	5.07E-07	0.00E+00	0.00E+00	5.11E-07
2817	ALL	462104.2	3773092	NonCancer	0.00E+00	8.57E-09	5.16E-07	0.00E+00	0.00E+00	5.20E-07	2.67E-07	0.00E+00	4.09E-07	0.00E+00	0.00E+00	5.16E-07	0.00E+00	0.00E+00	5.20E-07
2818	ALL	462107.9	3773083	NonCancer	0.00E+00	8.66E-09	5.21E-07	0.00E+00	0.00E+00	5.25E-07	2.70E-07	0.00E+00	4.13E-07	0.00E+00	0.00E+00	5.21E-07	0.00E+00	0.00E+00	5.25E-07
2819	ALL	462111.6	3773074	NonCancer	0.00E+00	8.70E-09	5.24E-07	0.00E+00	0.00E+00	5.28E-07	2.71E-07	0.00E+00	4.15E-07	0.00E+00	0.00E+00	5.24E-07	0.00E+00	0.00E+00	5.28E-07
2820	ALL	462115.4	3773064	NonCancer	0.00E+00	8.67E-09	5.22E-07	0.00E+00	0.00E+00	5.26E-07	2.71E-07	0.00E+00	4.14E-07	0.00E+00	0.00E+00	5.22E-07	0.00E+00	0.00E+00	5.26E-07
2821	ALL	462119.1	3773055	NonCancer	0.00E+00	8.67E-09	5.22E-07	0.00E+00	0.00E+00	5.26E-07	2.71E-07	0.00E+00	4.14E-07	0.00E+00	0.00E+00	5.22E-07	0.00E+00	0.00E+00	5.26E-07
2822	ALL	462122.8	3773046	NonCancer	0.00E+00	8.60E-09	5.18E-07	0.00E+00	0.00E+00	5.22E-07	2.68E-07	0.00E+00	4.10E-07	0.00E+00	0.00E+00	5.18E-07	0.00E+00	0.00E+00	5.22E-07
2823	ALL	462126.6	3773037	NonCancer	0.00E+00	8.54E-09	5.14E-07	0.00E+00	0.00E+00	5.18E-07	2.66E-07	0.00E+00	4.07E-07	0.00E+00	0.00E+00	5.14E-07	0.00E+00	0.00E+00	5.18E-07
2824	ALL	462130.3	3773028	NonCancer	0.00E+00	8.45E-09	5.09E-07	0.00E+00	0.00E+00	5.13E-07	2.64E-07	0.00E+00	4.03E-07	0.00E+00	0.00E+00	5.09E-07	0.00E+00	0.00E+00	5.13E-07
2825	ALL	462137.8	3773009	NonCancer	0.00E+00	8.40E-09	5.05E-07	0.00E+00	0.00E+00	5.09E-07	2.62E-07	0.00E+00	4.00E-07	0.00E+00	0.00E+00	5.05E-07	0.00E+00	0.00E+00	5.09E-07
2826	ALL	462141.5	3773000	NonCancer	0.00E+00	8.38E-09	5.04E-07	0.00E+00	0.00E+00	5.08E-07	2.61E-07	0.00E+00	4.00E-07	0.00E+00	0.00E+00	5.04E-07	0.00E+00	0.00E+00	5.08E-07
2827	ALL	462145.2	3772991	NonCancer	0.00E+00	8.32E-09	5.01E-07	0.00E+00	0.00E+00	5.05E-07	2.60E-07	0.00E+00	3.97E-07	0.00E+00	0.00E+00	5.01E-07	0.00E+00	0.00E+00	5.05E-07
2828	ALL	462149	3772982	NonCancer	0.00E+00	8.26E-09	4.97E-07	0.00E+00	0.00E+00	5.01E-07	2.58E-07	0.00E+00	3.94E-07	0.00E+00	0.00E+00	4.97E-07	0.00E+00	0.00E+00	5.01E-07
2829	ALL	462152.7	3772972	NonCancer	0.00E+00	8.30E-09	5.00E-07	0.00E+00	0.00E+00	5.04E-07	2.59E-07	0.00E+00	3.96E-07	0.00E+00	0.00E+00	5.00E-07	0.00E+00	0.00E+00	5.04E-07
2830	ALL	462156.4	3772963	NonCancer	0.00E+00	8.46E-09	5.09E-07	0.00E+00	0.00E+00	5.13E-07	2.64E-07	0.00E+00	4.03E-07	0.00E+00	0.00E+00	5.09E-07	0.00E+00	0.00E+00	5.13E-07
2831	ALL	462160.2	3772954	NonCancer	0.00E+00	8.59E-09	5.17E-07	0.00E+00	0.00E+00	5.21E-07	2.68E-07	0.00E+00	4.10E-07	0.00E+00	0.00E+00	5.17E-07	0.00E+00	0.00E+00	5.21E-07
2832	ALL	462163.9	3772945	NonCancer	0.00E+00	8.70E-09	5.24E-07	0.00E+00	0.00E+00	5.28E-07	2.72E-07	0.00E+00	4.15E-07	0.00E+00	0.00E+00	5.24E-07	0.00E+00	0.00E+00	5.28E-07
2833	ALL	462167.6	3772936	NonCancer	0.00E+00	8.79E-09	5.29E-07	0.00E+00	0.00E+00	5.33E-07	2.74E-07	0.00E+00	4.19E-07	0.00E+00	0.00E+00	5.29E-07	0.00E+00	0.00E+00	5.33E-07
2834	ALL	462178.8	3772908	NonCancer	0.00E+00	8.75E-09	5.27E-07	0.00E+00	0.00E+00	5.31E-07	2.73E-07	0.00E+00	4.17E-07	0.00E+00	0.00E+00	5.27E-07	0.00E+00	0.00E+00	5.31E-07
2835	ALL	462182.6	3772899	NonCancer	0.00E+00	8.65E-09	5.21E-07	0.00E+00	0.00E+00	5.25E-07	2.70E-07	0.00E+00	4.13E-07	0.00E+00	0.00E+00	5.21E-07	0.00E+00	0.00E+00	5.25E-07
2836	ALL	462186.3	3772890	NonCancer	0.00E+00	8.50E-09	5.12E-07	0.00E+00	0.00E+00	5.16E-07	2.65E-07	0.00E+00	4.06E-07	0.00E+00	0.00E+00	5.12E-07	0.00E+00	0.00E+00	5.16E-07
2837	ALL	462190	3772880	NonCancer	0.00E+00	8.32E-09	5.01E-07	0.00E+00	0.00E+00	5.05E-07	2.60E-07	0.00E+00	3.97E-07	0.00E+00	0.00E+00	5.01E-07	0.00E+00	0.00E+00	5.05E-07
2838	ALL	462246	3772742	NonCancer	0.00E+00	9.00E-09	5.42E-07	0.00E+00	0.00E+00	5.46E-07	2.81E-07	0.00E+00	4.29E-07	0.00E+00	0.00E+00	5.42E-07	0.00E+00	0.00E+00	5.46E-07
2839	ALL	462249.8	3772733	NonCancer	0.00E+00	9.59E-09	5.77E-07	0.00E+00	0.00E+00	5.82E-07	2.99E-07	0.00E+00	4.57E-07	0.00E+00	0.00E+00	5.77E-07	0.00E+00	0.00E+00	5.82E-07
2840	ALL	462253.5	3772724	NonCancer	0.00E+00	1.04E-08	6.24E-07	0.00E+00	0.00E+00	6.29E-07	3.23E-07	0.00E+00	4.94E-07	0.00E+00	0.00E+00	6.24E-07	0.00E+00	0.00E+00	6.29E-07
2841	ALL	462257.2	3772715	NonCancer	0.00E+00	1.12E-08	6.72E-07	0.00E+00	0.00E+00	6.78E-07	3.49E-07	0.00E+00	5.33E-07	0.00E+00	0.00E+00	6.72E-07	0.00E+00	0.00E+00	6.78E-07
2842	ALL	462261	3772705	NonCancer	0.00E+00	1.19E-08	7.19E-07	0.00E+00	0.00E+00	7.25E-07	3.73E-07	0.00E+00	5.70E-07	0.00E+00	0.00E+00	7.19E-07	0.00E+00	0.00E+00	7.25E-07
2843	ALL	462264.7	3772696	NonCancer	0.00E+00	1.27E-08	7.61E-07	0.00E+00	0.00E+00	7.67E-07	3.95E-07	0.00E+00	6.03E-07	0.00E+00	0.00E+00	7.61E-07	0.00E+00	0.00E+00	7.67E-07
2844	ALL	462268.4	3772687	NonCancer	0.00E+00	1.33E-08	7.98E-07	0.00E+00	0.00E+00	8.04E-07	4.14E-07	0.00E+00	6.32E-07	0.00E+00	0.00E+00	7.98E-07	0.00E+00	0.00E+00	8.04E-07
2845	ALL	462272.2	3772678	NonCancer	0.00E+00	1.37E-08	8.27E-07	0.00E+00	0.00E+00	8.34E-07	4.29E-07	0.00E+00	6.56E-07	0.00E+00	0.00E+00	8.27E-07	0.00E+00	0.00E+00	8.34E-07
2846	ALL	462275.9	3772669	NonCancer	0.00E+00	1.41E-08	8.49E-07	0.00E+00	0.00E+00	8.55E-07	4.40E-07	0.00E+00	6.73E-07	0.00E+00	0.00E+00	8.49E-07	0.00E+00	0.00E+00	8.55E-07
2847	ALL	462279.6	3772659	NonCancer	0.00E+00	1.43E-08	8.59E-07	0.00E+00	0.00E+00	8.66E-07	4.45E-07	0.00E+00	6.81E-07	0.00E+00	0.00E+00	8.59E-07	0.00E+00	0.00E+00	8.66E-07
2848	ALL	462283.4	3772650	NonCancer	0.00E+00	1.43E-08	8.59E-07	0.00E+00	0.00E+00	8.66E-07	4.46E-07	0.00E+00	6.81E-07	0.00E+00	0.00E+00	8.59E-07	0.00E+00	0.00E+00	8.66E-07
2849	ALL	462287.1	3772641	NonCancer	0.00E+00	1.41E-08	8.51E-07	0.00E+00	0.00E+00	8.58E-07	4.41E-07	0.00E+00	6.74E-07	0.00E+00	0.00E+00	8.51E-07	0.00E+00	0.00E+00	8.58E-07
2850	ALL	462290.8	3772632	NonCancer	0.00E+00	1.39E-08	8.36E-07	0.00E+00	0.00E+00	8.42E-07	4.33E-07	0.00E+00	6.62E-07	0.00E+00	0.00E+00	8.36E-07	0.00E+00	0.00E+00	8.42E-07
2851	ALL	462294.6	3772623	NonCancer	0.00E+00	1.35E-08	8.14E-07	0.00E+00	0.00E+00	8.21E-07	4.22E-07	0.00E+00	6.45E-07	0.00E+00	0.00E+00	8.14E-07	0.00E+00	0.00E+00	8.21E-07
2852	ALL	462305.8	3772595	NonCancer	0.00E+00	1.18E-08	7.10E-07	0.00E+00	0.00E+00	7.16E-07	3.68E-07	0.00E+00	5.63E-07	0.00E+00	0.00E+00	7.10E-07	0.00E+00	0.00E+00	7.16E-07
2853	ALL	462309.5	3772586	NonCancer	0.00E+00	1.11E-08	6.67E-07	0.00E+00	0.00E+00	6.72E-07	3.46E-07	0.00E+00	5.28E-07	0.00E+00	0.00E+00	6.67E-07	0.00E+00	0.00E+00	6.72E-07
2854	ALL	462313.2	3772577	NonCancer	0.00E+00	1.04E-08	6.24E-07	0.00E+00	0.00E+00	6.29E-07	3.23E-07	0.00E+00	4.94E-07	0.00E+00	0.00E+00	6.24E-07	0.00E+00	0.00E+00	6.29E-07
2855	ALL	462317	3772567	NonCancer	0.00E+00	1.00E-08	6.04E-07	0.00E+00	0.00E+00	6.09E-07	3.13E-07	0.00E+00	4.79E-07	0.00E+00	0.00E+00	6.04E-07	0.00E+00	0.00E+00	6.09E-07
2856	ALL	462329.9	3772554	NonCancer	0.00E+00	9.67E-09	5.82E-07	0.00E+00	0.00E+00	5.87E-07	3.02E-07	0.00E+00	4.61E-07	0.00E+00	0.00E+00	5.82E-07	0.00E+00	0.00E+00	5.87E-07
2857	ALL	462339	3772551	NonCancer	0.00E+00	9.69E-09	5.83E-07	0.00E+00	0.00E+00	5.88E-07	3.02E-07	0.00E+00	4.62E-07	0.00E+00	0.00E+00	5.83E-07	0.00E+00	0.00E+00	5.88E-07
2858	ALL	462348.2	3772547	NonCancer	0.00E+00	9.67E-09	5.82E-07	0.00E+00	0.00E+00	5.87E-07	3.02E-07	0.00E+00	4.61E-07	0.00E+00	0.00E+00	5.82E-07	0.00E+00	0.00E+00	5.87E-07
2859	ALL	462357.4	3772543	NonCancer	0.00E+00	9.59E-09	5.77E-07	0.00E+00	0.00E+00	5.81E-07	2.99E-07	0.00E+00	4.57E-07	0.00E+00	0.00E+00	5.77E-07	0.00E+00	0.00E+00	5.81E-07
2860	ALL	462366.5	3772539	NonCancer	0.00E+00	9.47E-09	5.70E-07	0.00E+00	0.00E+00	5.74E-07	2.95E-07	0.00E+00	4.51E-07	0.00E+00	0.00E+00	5.70E-07	0.00E+00	0.00E+00	5.74E-07

2861	ALL	462375.7	3772535	NonCancer	0.00E+00	9.28E-09	5.59E-07	0.00E+00	0.00E+00	5.63E-07	2.90E-07	0.00E+00	4.43E-07	0.00E+00	0.00E+00	5.59E-07	0.00E+00	0.00E+00	5.63E-07
2862	ALL	462384.8	3772531	NonCancer	0.00E+00	9.06E-09	5.45E-07	0.00E+00	0.00E+00	5.50E-07	2.83E-07	0.00E+00	4.32E-07	0.00E+00	0.00E+00	5.45E-07	0.00E+00	0.00E+00	5.50E-07
2863	ALL	462394	3772528	NonCancer	0.00E+00	8.94E-09	5.38E-07	0.00E+00	0.00E+00	5.42E-07	2.79E-07	0.00E+00	4.26E-07	0.00E+00	0.00E+00	5.38E-07	0.00E+00	0.00E+00	5.42E-07
2864	ALL	462403.2	3772524	NonCancer	0.00E+00	9.01E-09	5.42E-07	0.00E+00	0.00E+00	5.47E-07	2.81E-07	0.00E+00	4.30E-07	0.00E+00	0.00E+00	5.42E-07	0.00E+00	0.00E+00	5.47E-07
2865	ALL	462412.3	3772520	NonCancer	0.00E+00	9.12E-09	5.49E-07	0.00E+00	0.00E+00	5.53E-07	2.84E-07	0.00E+00	4.35E-07	0.00E+00	0.00E+00	5.49E-07	0.00E+00	0.00E+00	5.53E-07
2866	ALL	462421.5	3772516	NonCancer	0.00E+00	9.28E-09	5.58E-07	0.00E+00	0.00E+00	5.63E-07	2.89E-07	0.00E+00	4.42E-07	0.00E+00	0.00E+00	5.58E-07	0.00E+00	0.00E+00	5.63E-07
2867	ALL	462430.7	3772512	NonCancer	0.00E+00	9.41E-09	5.66E-07	0.00E+00	0.00E+00	5.71E-07	2.94E-07	0.00E+00	4.49E-07	0.00E+00	0.00E+00	5.66E-07	0.00E+00	0.00E+00	5.71E-07
2868	ALL	462439.8	3772508	NonCancer	0.00E+00	9.49E-09	5.71E-07	0.00E+00	0.00E+00	5.76E-07	2.96E-07	0.00E+00	4.53E-07	0.00E+00	0.00E+00	5.71E-07	0.00E+00	0.00E+00	5.76E-07
2869	ALL	462449	3772505	NonCancer	0.00E+00	9.53E-09	5.73E-07	0.00E+00	0.00E+00	5.78E-07	2.97E-07	0.00E+00	4.54E-07	0.00E+00	0.00E+00	5.73E-07	0.00E+00	0.00E+00	5.78E-07
2870	ALL	462476.5	3772493	NonCancer	0.00E+00	9.38E-09	5.64E-07	0.00E+00	0.00E+00	5.69E-07	2.93E-07	0.00E+00	4.47E-07	0.00E+00	0.00E+00	5.64E-07	0.00E+00	0.00E+00	5.69E-07
2871	ALL	462485.6	3772489	NonCancer	0.00E+00	9.30E-09	5.60E-07	0.00E+00	0.00E+00	5.64E-07	2.90E-07	0.00E+00	4.44E-07	0.00E+00	0.00E+00	5.60E-07	0.00E+00	0.00E+00	5.64E-07
2872	ALL	462494.8	3772485	NonCancer	0.00E+00	9.21E-09	5.54E-07	0.00E+00	0.00E+00	5.58E-07	2.87E-07	0.00E+00	4.39E-07	0.00E+00	0.00E+00	5.54E-07	0.00E+00	0.00E+00	5.58E-07
2873	ALL	462504	3772481	NonCancer	0.00E+00	9.07E-09	5.46E-07	0.00E+00	0.00E+00	5.50E-07	2.83E-07	0.00E+00	4.33E-07	0.00E+00	0.00E+00	5.46E-07	0.00E+00	0.00E+00	5.50E-07
2874	ALL	462513.1	3772478	NonCancer	0.00E+00	8.90E-09	5.36E-07	0.00E+00	0.00E+00	5.40E-07	2.78E-07	0.00E+00	4.24E-07	0.00E+00	0.00E+00	5.36E-07	0.00E+00	0.00E+00	5.40E-07
2875	ALL	462522.3	3772474	NonCancer	0.00E+00	8.69E-09	5.23E-07	0.00E+00	0.00E+00	5.28E-07	2.71E-07	0.00E+00	4.15E-07	0.00E+00	0.00E+00	5.23E-07	0.00E+00	0.00E+00	5.28E-07
2876	ALL	462595.6	3772443	NonCancer	0.00E+00	1.01E-08	6.06E-07	0.00E+00	0.00E+00	6.11E-07	3.14E-07	0.00E+00	4.80E-07	0.00E+00	0.00E+00	6.06E-07	0.00E+00	0.00E+00	6.11E-07
2877	ALL	462604.7	3772439	NonCancer	0.00E+00	1.01E-08	6.11E-07	0.00E+00	0.00E+00	6.16E-07	3.17E-07	0.00E+00	4.84E-07	0.00E+00	0.00E+00	6.11E-07	0.00E+00	0.00E+00	6.16E-07
2878	ALL	462632.2	3772428	NonCancer	0.00E+00	1.01E-08	6.11E-07	0.00E+00	0.00E+00	6.16E-07	3.17E-07	0.00E+00	4.84E-07	0.00E+00	0.00E+00	6.11E-07	0.00E+00	0.00E+00	6.16E-07
2879	ALL	462641.4	3772424	NonCancer	0.00E+00	1.02E-08	6.13E-07	0.00E+00	0.00E+00	6.17E-07	3.18E-07	0.00E+00	4.85E-07	0.00E+00	0.00E+00	6.13E-07	0.00E+00	0.00E+00	6.17E-07
2880	ALL	462650.5	3772420	NonCancer	0.00E+00	1.02E-08	6.15E-07	0.00E+00	0.00E+00	6.20E-07	3.19E-07	0.00E+00	4.87E-07	0.00E+00	0.00E+00	6.15E-07	0.00E+00	0.00E+00	6.20E-07
2881	ALL	462659.7	3772416	NonCancer	0.00E+00	1.02E-08	6.16E-07	0.00E+00	0.00E+00	6.21E-07	3.19E-07	0.00E+00	4.88E-07	0.00E+00	0.00E+00	6.16E-07	0.00E+00	0.00E+00	6.21E-07
2882	ALL	462668.9	3772412	NonCancer	0.00E+00	1.08E-08	6.47E-07	0.00E+00	0.00E+00	6.52E-07	3.35E-07	0.00E+00	5.13E-07	0.00E+00	0.00E+00	6.47E-07	0.00E+00	0.00E+00	6.52E-07
2883	ALL	462678	3772409	NonCancer	0.00E+00	1.16E-08	7.01E-07	0.00E+00	0.00E+00	7.06E-07	3.63E-07	0.00E+00	5.55E-07	0.00E+00	0.00E+00	7.01E-07	0.00E+00	0.00E+00	7.06E-07
2884	ALL	462687.2	3772405	NonCancer	0.00E+00	1.25E-08	7.55E-07	0.00E+00	0.00E+00	7.61E-07	3.92E-07	0.00E+00	5.98E-07	0.00E+00	0.00E+00	7.55E-07	0.00E+00	0.00E+00	7.61E-07
2885	ALL	462696.4	3772401	NonCancer	0.00E+00	1.34E-08	8.08E-07	0.00E+00	0.00E+00	8.15E-07	4.19E-07	0.00E+00	6.41E-07	0.00E+00	0.00E+00	8.08E-07	0.00E+00	0.00E+00	8.15E-07
2886	ALL	462705.5	3772397	NonCancer	0.00E+00	1.43E-08	8.59E-07	0.00E+00	0.00E+00	8.66E-07	4.46E-07	0.00E+00	6.81E-07	0.00E+00	0.00E+00	8.59E-07	0.00E+00	0.00E+00	8.66E-07
2887	ALL	462714.7	3772393	NonCancer	0.00E+00	1.51E-08	9.06E-07	0.00E+00	0.00E+00	9.14E-07	4.70E-07	0.00E+00	7.19E-07	0.00E+00	0.00E+00	9.06E-07	0.00E+00	0.00E+00	9.14E-07
2888	ALL	462723.8	3772389	NonCancer	0.00E+00	1.58E-08	9.48E-07	0.00E+00	0.00E+00	9.55E-07	4.92E-07	0.00E+00	7.51E-07	0.00E+00	0.00E+00	9.48E-07	0.00E+00	0.00E+00	9.55E-07
2889	ALL	462733	3772386	NonCancer	0.00E+00	1.63E-08	9.82E-07	0.00E+00	0.00E+00	9.90E-07	5.10E-07	0.00E+00	7.79E-07	0.00E+00	0.00E+00	9.82E-07	0.00E+00	0.00E+00	9.90E-07
2890	ALL	462742.2	3772382	NonCancer	0.00E+00	1.68E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.23E-07	0.00E+00	8.00E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
2891	ALL	462751.3	3772378	NonCancer	0.00E+00	1.72E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.35E-07	0.00E+00	8.18E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
2892	ALL	462760.5	3772374	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.45E-07	0.00E+00	8.34E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
2893	ALL	462769.7	3772370	NonCancer	0.00E+00	1.77E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.52E-07	0.00E+00	8.43E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
2894	ALL	462778.8	3772366	NonCancer	0.00E+00	1.77E-08	1.07E-06	0.00E+00	0.00E+00	1.07E-06	5.53E-07	0.00E+00	8.45E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.07E-06
2895	ALL	462788	3772363	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.49E-07	0.00E+00	8.39E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
2896	ALL	462797.1	3772359	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.41E-07	0.00E+00	8.26E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
2897	ALL	462806.3	3772355	NonCancer	0.00E+00	1.69E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.28E-07	0.00E+00	8.08E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
2898	ALL	462815.5	3772351	NonCancer	0.00E+00	1.64E-08	9.90E-07	0.00E+00	0.00E+00	9.97E-07	5.13E-07	0.00E+00	7.84E-07	0.00E+00	0.00E+00	9.90E-07	0.00E+00	0.00E+00	9.97E-07
2899	ALL	462824.6	3772347	NonCancer	0.00E+00	1.60E-08	9.61E-07	0.00E+00	0.00E+00	9.68E-07	4.98E-07	0.00E+00	7.61E-07	0.00E+00	0.00E+00	9.61E-07	0.00E+00	0.00E+00	9.68E-07
2900	ALL	462833.8	3772343	NonCancer	0.00E+00	1.55E-08	9.33E-07	0.00E+00	0.00E+00	9.41E-07	4.84E-07	0.00E+00	7.40E-07	0.00E+00	0.00E+00	9.33E-07	0.00E+00	0.00E+00	9.41E-07
2901	ALL	462843	3772340	NonCancer	0.00E+00	1.51E-08	9.07E-07	0.00E+00	0.00E+00	9.14E-07	4.70E-07	0.00E+00	7.19E-07	0.00E+00	0.00E+00	9.07E-07	0.00E+00	0.00E+00	9.14E-07
2902	ALL	462852.1	3772336	NonCancer	0.00E+00	1.46E-08	8.81E-07	0.00E+00	0.00E+00	8.88E-07	4.56E-07	0.00E+00	6.98E-07	0.00E+00	0.00E+00	8.81E-07	0.00E+00	0.00E+00	8.88E-07
2903	ALL	462861.3	3772332	NonCancer	0.00E+00	1.42E-08	8.56E-07	0.00E+00	0.00E+00	8.63E-07	4.43E-07	0.00E+00	6.78E-07	0.00E+00	0.00E+00	8.56E-07	0.00E+00	0.00E+00	8.63E-07
2904	ALL	462870.4	3772328	NonCancer	0.00E+00	1.40E-08	8.46E-07	0.00E+00	0.00E+00	8.53E-07	4.38E-07	0.00E+00	6.70E-07	0.00E+00	0.00E+00	8.46E-07	0.00E+00	0.00E+00	8.53E-07
2905	ALL	462879.6	3772324	NonCancer	0.00E+00	1.42E-08	8.55E-07	0.00E+00	0.00E+00	8.62E-07	4.43E-07	0.00E+00	6.77E-07	0.00E+00	0.00E+00	8.55E-07	0.00E+00	0.00E+00	8.62E-07
2906	ALL	462888.8	3772320	NonCancer	0.00E+00	1.44E-08	8.66E-07	0.00E+00	0.00E+00	8.73E-07	4.49E-07	0.00E+00	6.86E-07	0.00E+00	0.00E+00	8.66E-07	0.00E+00	0.00E+00	8.73E-07
2907	ALL	462897.9	3772317	NonCancer	0.00E+00	1.45E-08	8.73E-07	0.00E+00	0.00E+00	8.80E-07	4.52E-07	0.00E+00	6.91E-07	0.00E+00	0.00E+00	8.73E-07	0.00E+00	0.00E+00	8.80E-07
2908	ALL	462907.1	3772313	NonCancer	0.00E+00	1.46E-08	8.76E-07	0.00E+00	0.00E+00	8.83E-07	4.54E-07	0.00E+00	6.94E-07	0.00E+00	0.00E+00	8.76E-07	0.00E+00	0.00E+00	8.83E-07
2909	ALL	462078	3773157	NonCancer	0.00E+00	7.86E-09	4.73E-07	0.00E+00	0.00E+00	4.77E-07	2.45E-07	0.00E+00	3.75E-07	0.00E+00	0.00E+00	4.73E-07	0.00E+00	0.00E+00	4.77E-07
2910	ALL	462078.1	3773166	NonCancer	0.00E+00	7.87E-09	4.74E-07	0.00E+00	0.00E+00	4.78E-07	2.46E-07	0.00E+00	3.75E-07	0.00E+00	0.00E+00	4.74E-07	0.00E+00	0.00E+00	4.78E-07
2911	ALL	462078.2	3773176	NonCancer	0.00E+00	7.89E-09	4.75E-07	0.00E+00	0.00E+00	4.79E-07	2.46E-07	0.00E+00	3.76E-07	0.00E+00	0.00E+00	4.75E-07	0.00E+00	0.00E+00	4.79E-07
2912	ALL	462078.3	3773186	NonCancer	0.00E+00	7.86E-09	4.73E-07	0.00E+00	0.00E+00	4.77E-07	2.45E-07	0.00E+00	3.75E-07	0.00E+00	0.00E+00	4.73E-07	0.00E+00	0.00E+00	4.77E-07
2913	ALL	462078.4	3773196	NonCancer	0.00E+00	7.85E-09	4.73E-07	0.00E+00	0.00E+00	4.76E-07	2.45E-07	0.00E+00	3.74E-07	0.00E+00	0.00E+00	4.73E-07	0.00E+00	0.00E+00	4.76E-07
2914	ALL	462078.5	3773206	NonCancer	0.00E+00	7.84E-09	4.72E-07	0.00E+00	0.00E+00	4.76E-07	2.45E-07	0.00E+00	3.74E-07	0.00E+00	0.00E+00	4.72E-07	0.00E+00	0.00E+00	4.76E-07

2915	ALL	462078.6	3773216	NonCancer	0.00E+00	7.87E-09	4.74E-07	0.00E+00	0.00E+00	4.78E-07	2.46E-07	0.00E+00	3.75E-07	0.00E+00	0.00E+00	4.74E-07	0.00E+00	0.00E+00	4.78E-07
2916	ALL	462078.7	3773226	NonCancer	0.00E+00	7.88E-09	4.74E-07	0.00E+00	0.00E+00	4.78E-07	2.46E-07	0.00E+00	3.76E-07	0.00E+00	0.00E+00	4.74E-07	0.00E+00	0.00E+00	4.78E-07
2917	ALL	462078.8	3773236	NonCancer	0.00E+00	7.88E-09	4.75E-07	0.00E+00	0.00E+00	4.78E-07	2.46E-07	0.00E+00	3.76E-07	0.00E+00	0.00E+00	4.75E-07	0.00E+00	0.00E+00	4.78E-07
2918	ALL	462078.9	3773246	NonCancer	0.00E+00	7.86E-09	4.73E-07	0.00E+00	0.00E+00	4.77E-07	2.45E-07	0.00E+00	3.75E-07	0.00E+00	0.00E+00	4.73E-07	0.00E+00	0.00E+00	4.77E-07
2919	ALL	462041.8	3773148	NonCancer	0.00E+00	7.47E-09	4.50E-07	0.00E+00	0.00E+00	4.53E-07	2.33E-07	0.00E+00	3.56E-07	0.00E+00	0.00E+00	4.50E-07	0.00E+00	0.00E+00	4.53E-07
2920	ALL	462045.5	3773138	NonCancer	0.00E+00	7.50E-09	4.51E-07	0.00E+00	0.00E+00	4.55E-07	2.34E-07	0.00E+00	3.57E-07	0.00E+00	0.00E+00	4.51E-07	0.00E+00	0.00E+00	4.55E-07
2921	ALL	462049.3	3773129	NonCancer	0.00E+00	7.56E-09	4.55E-07	0.00E+00	0.00E+00	4.59E-07	2.36E-07	0.00E+00	3.61E-07	0.00E+00	0.00E+00	4.55E-07	0.00E+00	0.00E+00	4.59E-07
2922	ALL	462056.7	3773111	NonCancer	0.00E+00	7.83E-09	4.71E-07	0.00E+00	0.00E+00	4.75E-07	2.44E-07	0.00E+00	3.73E-07	0.00E+00	0.00E+00	4.71E-07	0.00E+00	0.00E+00	4.75E-07
2923	ALL	462060.5	3773102	NonCancer	0.00E+00	7.92E-09	4.77E-07	0.00E+00	0.00E+00	4.81E-07	2.47E-07	0.00E+00	3.78E-07	0.00E+00	0.00E+00	4.77E-07	0.00E+00	0.00E+00	4.81E-07
2924	ALL	462064.2	3773092	NonCancer	0.00E+00	8.03E-09	4.83E-07	0.00E+00	0.00E+00	4.87E-07	2.51E-07	0.00E+00	3.83E-07	0.00E+00	0.00E+00	4.83E-07	0.00E+00	0.00E+00	4.87E-07
2925	ALL	462068	3773083	NonCancer	0.00E+00	8.16E-09	4.91E-07	0.00E+00	0.00E+00	4.95E-07	2.55E-07	0.00E+00	3.89E-07	0.00E+00	0.00E+00	4.91E-07	0.00E+00	0.00E+00	4.95E-07
2926	ALL	462071.7	3773074	NonCancer	0.00E+00	8.25E-09	4.97E-07	0.00E+00	0.00E+00	5.01E-07	2.57E-07	0.00E+00	3.94E-07	0.00E+00	0.00E+00	4.97E-07	0.00E+00	0.00E+00	5.01E-07
2927	ALL	462075.4	3773065	NonCancer	0.00E+00	8.28E-09	4.98E-07	0.00E+00	0.00E+00	5.02E-07	2.58E-07	0.00E+00	3.95E-07	0.00E+00	0.00E+00	4.98E-07	0.00E+00	0.00E+00	5.02E-07
2928	ALL	462079.2	3773055	NonCancer	0.00E+00	8.27E-09	4.98E-07	0.00E+00	0.00E+00	5.02E-07	2.58E-07	0.00E+00	3.94E-07	0.00E+00	0.00E+00	4.98E-07	0.00E+00	0.00E+00	5.02E-07
2929	ALL	462082.9	3773046	NonCancer	0.00E+00	8.21E-09	4.94E-07	0.00E+00	0.00E+00	4.98E-07	2.56E-07	0.00E+00	3.92E-07	0.00E+00	0.00E+00	4.94E-07	0.00E+00	0.00E+00	4.98E-07
2930	ALL	462086.6	3773037	NonCancer	0.00E+00	8.15E-09	4.91E-07	0.00E+00	0.00E+00	4.95E-07	2.54E-07	0.00E+00	3.89E-07	0.00E+00	0.00E+00	4.91E-07	0.00E+00	0.00E+00	4.95E-07
2931	ALL	462090.4	3773028	NonCancer	0.00E+00	8.09E-09	4.87E-07	0.00E+00	0.00E+00	4.91E-07	2.53E-07	0.00E+00	3.86E-07	0.00E+00	0.00E+00	4.87E-07	0.00E+00	0.00E+00	4.91E-07
2932	ALL	462097.9	3773009	NonCancer	0.00E+00	8.02E-09	4.83E-07	0.00E+00	0.00E+00	4.87E-07	2.50E-07	0.00E+00	3.83E-07	0.00E+00	0.00E+00	4.83E-07	0.00E+00	0.00E+00	4.87E-07
2933	ALL	462101.6	3773000	NonCancer	0.00E+00	8.01E-09	4.82E-07	0.00E+00	0.00E+00	4.86E-07	2.50E-07	0.00E+00	3.82E-07	0.00E+00	0.00E+00	4.82E-07	0.00E+00	0.00E+00	4.86E-07
2934	ALL	462105.3	3772991	NonCancer	0.00E+00	7.96E-09	4.79E-07	0.00E+00	0.00E+00	4.83E-07	2.48E-07	0.00E+00	3.80E-07	0.00E+00	0.00E+00	4.79E-07	0.00E+00	0.00E+00	4.83E-07
2935	ALL	462109.1	3772982	NonCancer	0.00E+00	7.89E-09	4.75E-07	0.00E+00	0.00E+00	4.79E-07	2.46E-07	0.00E+00	3.76E-07	0.00E+00	0.00E+00	4.75E-07	0.00E+00	0.00E+00	4.79E-07
2936	ALL	462112.8	3772973	NonCancer	0.00E+00	7.83E-09	4.71E-07	0.00E+00	0.00E+00	4.75E-07	2.44E-07	0.00E+00	3.74E-07	0.00E+00	0.00E+00	4.71E-07	0.00E+00	0.00E+00	4.75E-07
2937	ALL	462116.6	3772963	NonCancer	0.00E+00	7.90E-09	4.75E-07	0.00E+00	0.00E+00	4.79E-07	2.46E-07	0.00E+00	3.77E-07	0.00E+00	0.00E+00	4.75E-07	0.00E+00	0.00E+00	4.79E-07
2938	ALL	462120.3	3772954	NonCancer	0.00E+00	8.06E-09	4.85E-07	0.00E+00	0.00E+00	4.89E-07	2.52E-07	0.00E+00	3.84E-07	0.00E+00	0.00E+00	4.85E-07	0.00E+00	0.00E+00	4.89E-07
2939	ALL	462124	3772945	NonCancer	0.00E+00	8.19E-09	4.93E-07	0.00E+00	0.00E+00	4.97E-07	2.56E-07	0.00E+00	3.91E-07	0.00E+00	0.00E+00	4.93E-07	0.00E+00	0.00E+00	4.97E-07
2940	ALL	462127.8	3772936	NonCancer	0.00E+00	8.30E-09	4.99E-07	0.00E+00	0.00E+00	5.03E-07	2.59E-07	0.00E+00	3.96E-07	0.00E+00	0.00E+00	4.99E-07	0.00E+00	0.00E+00	5.03E-07
2941	ALL	462139	3772908	NonCancer	0.00E+00	8.39E-09	5.05E-07	0.00E+00	0.00E+00	5.09E-07	2.62E-07	0.00E+00	4.00E-07	0.00E+00	0.00E+00	5.05E-07	0.00E+00	0.00E+00	5.09E-07
2942	ALL	462142.7	3772899	NonCancer	0.00E+00	8.36E-09	5.03E-07	0.00E+00	0.00E+00	5.07E-07	2.61E-07	0.00E+00	3.99E-07	0.00E+00	0.00E+00	5.03E-07	0.00E+00	0.00E+00	5.07E-07
2943	ALL	462146.5	3772890	NonCancer	0.00E+00	8.29E-09	4.99E-07	0.00E+00	0.00E+00	5.03E-07	2.59E-07	0.00E+00	3.95E-07	0.00E+00	0.00E+00	4.99E-07	0.00E+00	0.00E+00	5.03E-07
2944	ALL	462150.2	3772880	NonCancer	0.00E+00	8.18E-09	4.92E-07	0.00E+00	0.00E+00	4.96E-07	2.55E-07	0.00E+00	3.90E-07	0.00E+00	0.00E+00	4.92E-07	0.00E+00	0.00E+00	4.96E-07
2945	ALL	462168.9	3772834	NonCancer	0.00E+00	7.86E-09	4.73E-07	0.00E+00	0.00E+00	4.77E-07	2.45E-07	0.00E+00	3.75E-07	0.00E+00	0.00E+00	4.73E-07	0.00E+00	0.00E+00	4.77E-07
2946	ALL	462172.6	3772825	NonCancer	0.00E+00	7.90E-09	4.75E-07	0.00E+00	0.00E+00	4.79E-07	2.46E-07	0.00E+00	3.77E-07	0.00E+00	0.00E+00	4.75E-07	0.00E+00	0.00E+00	4.79E-07
2947	ALL	462176.4	3772816	NonCancer	0.00E+00	7.92E-09	4.77E-07	0.00E+00	0.00E+00	4.81E-07	2.47E-07	0.00E+00	3.78E-07	0.00E+00	0.00E+00	4.77E-07	0.00E+00	0.00E+00	4.81E-07
2948	ALL	462180.1	3772807	NonCancer	0.00E+00	7.90E-09	4.75E-07	0.00E+00	0.00E+00	4.79E-07	2.46E-07	0.00E+00	3.77E-07	0.00E+00	0.00E+00	4.75E-07	0.00E+00	0.00E+00	4.79E-07
2949	ALL	462183.8	3772797	NonCancer	0.00E+00	7.84E-09	4.72E-07	0.00E+00	0.00E+00	4.75E-07	2.44E-07	0.00E+00	3.74E-07	0.00E+00	0.00E+00	4.72E-07	0.00E+00	0.00E+00	4.75E-07
2950	ALL	462187.6	3772788	NonCancer	0.00E+00	7.74E-09	4.66E-07	0.00E+00	0.00E+00	4.70E-07	2.42E-07	0.00E+00	3.69E-07	0.00E+00	0.00E+00	4.66E-07	0.00E+00	0.00E+00	4.70E-07
2951	ALL	462191.3	3772779	NonCancer	0.00E+00	7.71E-09	4.64E-07	0.00E+00	0.00E+00	4.67E-07	2.40E-07	0.00E+00	3.67E-07	0.00E+00	0.00E+00	4.64E-07	0.00E+00	0.00E+00	4.67E-07
2952	ALL	462195.1	3772770	NonCancer	0.00E+00	7.69E-09	4.63E-07	0.00E+00	0.00E+00	4.66E-07	2.40E-07	0.00E+00	3.67E-07	0.00E+00	0.00E+00	4.63E-07	0.00E+00	0.00E+00	4.66E-07
2953	ALL	462198.8	3772761	NonCancer	0.00E+00	7.67E-09	4.61E-07	0.00E+00	0.00E+00	4.65E-07	2.39E-07	0.00E+00	3.66E-07	0.00E+00	0.00E+00	4.61E-07	0.00E+00	0.00E+00	4.65E-07
2954	ALL	462236.2	3772668	NonCancer	0.00E+00	1.24E-08	7.45E-07	0.00E+00	0.00E+00	7.51E-07	3.87E-07	0.00E+00	5.91E-07	0.00E+00	0.00E+00	7.45E-07	0.00E+00	0.00E+00	7.51E-07
2955	ALL	462239.9	3772659	NonCancer	0.00E+00	1.28E-08	7.73E-07	0.00E+00	0.00E+00	7.79E-07	4.01E-07	0.00E+00	6.12E-07	0.00E+00	0.00E+00	7.73E-07	0.00E+00	0.00E+00	7.79E-07
2956	ALL	462243.7	3772650	NonCancer	0.00E+00	1.32E-08	7.92E-07	0.00E+00	0.00E+00	7.99E-07	4.11E-07	0.00E+00	6.28E-07	0.00E+00	0.00E+00	7.92E-07	0.00E+00	0.00E+00	7.99E-07
2957	ALL	462247.4	3772641	NonCancer	0.00E+00	1.34E-08	8.04E-07	0.00E+00	0.00E+00	8.11E-07	4.17E-07	0.00E+00	6.37E-07	0.00E+00	0.00E+00	8.04E-07	0.00E+00	0.00E+00	8.11E-07
2958	ALL	462262.4	3772604	NonCancer	0.00E+00	1.30E-08	7.81E-07	0.00E+00	0.00E+00	7.88E-07	4.05E-07	0.00E+00	6.19E-07	0.00E+00	0.00E+00	7.81E-07	0.00E+00	0.00E+00	7.88E-07
2959	ALL	462266.1	3772595	NonCancer	0.00E+00	1.26E-08	7.56E-07	0.00E+00	0.00E+00	7.62E-07	3.92E-07	0.00E+00	5.99E-07	0.00E+00	0.00E+00	7.56E-07	0.00E+00	0.00E+00	7.62E-07
2960	ALL	462269.8	3772585	NonCancer	0.00E+00	1.20E-08	7.24E-07	0.00E+00	0.00E+00	7.30E-07	3.75E-07	0.00E+00	5.74E-07	0.00E+00	0.00E+00	7.24E-07	0.00E+00	0.00E+00	7.30E-07
2961	ALL	462273.6	3772576	NonCancer	0.00E+00	1.14E-08	6.88E-07	0.00E+00	0.00E+00	6.94E-07	3.57E-07	0.00E+00	5.45E-07	0.00E+00	0.00E+00	6.88E-07	0.00E+00	0.00E+00	6.94E-07
2962	ALL	462277.3	3772567	NonCancer	0.00E+00	1.08E-08	6.51E-07	0.00E+00	0.00E+00	6.56E-07	3.37E-07	0.00E+00	5.16E-07	0.00E+00	0.00E+00	6.51E-07	0.00E+00	0.00E+00	6.56E-07
2963	ALL	462281.1	3772558	NonCancer	0.00E+00	1.02E-08	6.11E-07	0.00E+00	0.00E+00	6.16E-07	3.17E-07	0.00E+00	4.84E-07	0.00E+00	0.00E+00	6.11E-07	0.00E+00	0.00E+00	6.16E-07
2964	ALL	462284.8	3772549	NonCancer	0.00E+00	9.61E-09	5.79E-07	0.00E+00	0.00E+00	5.83E-07	3.00E-07	0.00E+00	4.58E-07	0.00E+00	0.00E+00	5.79E-07	0.00E+00	0.00E+00	5.83E-07
2965	ALL	462288.5	3772539	NonCancer	0.00E+00	9.29E-09	5.59E-07	0.00E+00	0.00E+00	5.64E-07	2.90E-07	0.00E+00	4.43E-07	0.00E+00	0.00E+00	5.59E-07	0.00E+00	0.00E+00	5.64E-07
2966	ALL	462301.4	3772526	NonCancer	0.00E+00	8.99E-09	5.41E-07	0.00E+00	0.00E+00	5.45E-07	2.80E-07	0.00E+00	4.29E-07	0.00E+00	0.00E+00	5.41E-07	0.00E+00	0.00E+00	5.45E-07
2967	ALL	462310.6	3772522	NonCancer	0.00E+00	8.99E-09	5.41E-07	0.00E+00	0.00E+00	5.46E-07	2.81E-07	0.00E+00	4.29E-07	0.00E+00	0.00E+00	5.41E-07	0.00E+00	0.00E+00	5.46E-07
2968	ALL	462319.8	3772519	NonCancer	0.00E+00	8.96E-09	5.39E-07	0.00E+00	0.00E+00	5.44E-07	2.80E-07	0.00E+00	4.27E-07	0.00E+00	0.00E+00	5.39E-07	0.00E+00	0.00E+00	5.44E-07

2969	ALL	462329	3772515	NonCancer	0.00E+00	8.90E-09	5.36E-07	0.00E+00	0.00E+00	5.40E-07	2.78E-07	0.00E+00	4.25E-07	0.00E+00	0.00E+00	5.36E-07	0.00E+00	0.00E+00	5.40E-07
2970	ALL	462338.1	3772511	NonCancer	0.00E+00	8.80E-09	5.30E-07	0.00E+00	0.00E+00	5.34E-07	2.75E-07	0.00E+00	4.20E-07	0.00E+00	0.00E+00	5.30E-07	0.00E+00	0.00E+00	5.34E-07
2971	ALL	462347.3	3772507	NonCancer	0.00E+00	8.66E-09	5.21E-07	0.00E+00	0.00E+00	5.25E-07	2.70E-07	0.00E+00	4.13E-07	0.00E+00	0.00E+00	5.21E-07	0.00E+00	0.00E+00	5.25E-07
2972	ALL	462356.5	3772503	NonCancer	0.00E+00	8.49E-09	5.11E-07	0.00E+00	0.00E+00	5.15E-07	2.65E-07	0.00E+00	4.05E-07	0.00E+00	0.00E+00	5.11E-07	0.00E+00	0.00E+00	5.15E-07
2973	ALL	462365.7	3772499	NonCancer	0.00E+00	8.42E-09	5.07E-07	0.00E+00	0.00E+00	5.11E-07	2.63E-07	0.00E+00	4.01E-07	0.00E+00	0.00E+00	5.07E-07	0.00E+00	0.00E+00	5.11E-07
2974	ALL	462374.8	3772496	NonCancer	0.00E+00	8.49E-09	5.11E-07	0.00E+00	0.00E+00	5.15E-07	2.65E-07	0.00E+00	4.05E-07	0.00E+00	0.00E+00	5.11E-07	0.00E+00	0.00E+00	5.15E-07
2975	ALL	462384	3772492	NonCancer	0.00E+00	8.59E-09	5.17E-07	0.00E+00	0.00E+00	5.21E-07	2.68E-07	0.00E+00	4.10E-07	0.00E+00	0.00E+00	5.17E-07	0.00E+00	0.00E+00	5.21E-07
2976	ALL	462393.2	3772488	NonCancer	0.00E+00	8.73E-09	5.25E-07	0.00E+00	0.00E+00	5.29E-07	2.72E-07	0.00E+00	4.16E-07	0.00E+00	0.00E+00	5.25E-07	0.00E+00	0.00E+00	5.29E-07
2977	ALL	462402.4	3772484	NonCancer	0.00E+00	8.86E-09	5.33E-07	0.00E+00	0.00E+00	5.37E-07	2.76E-07	0.00E+00	4.22E-07	0.00E+00	0.00E+00	5.33E-07	0.00E+00	0.00E+00	5.37E-07
2978	ALL	462411.5	3772480	NonCancer	0.00E+00	8.95E-09	5.38E-07	0.00E+00	0.00E+00	5.43E-07	2.79E-07	0.00E+00	4.27E-07	0.00E+00	0.00E+00	5.38E-07	0.00E+00	0.00E+00	5.43E-07
2979	ALL	462420.7	3772476	NonCancer	0.00E+00	8.99E-09	5.41E-07	0.00E+00	0.00E+00	5.45E-07	2.81E-07	0.00E+00	4.29E-07	0.00E+00	0.00E+00	5.41E-07	0.00E+00	0.00E+00	5.45E-07
2980	ALL	462429.9	3772472	NonCancer	0.00E+00	8.99E-09	5.41E-07	0.00E+00	0.00E+00	5.46E-07	2.81E-07	0.00E+00	4.29E-07	0.00E+00	0.00E+00	5.41E-07	0.00E+00	0.00E+00	5.46E-07
2981	ALL	462439.1	3772469	NonCancer	0.00E+00	8.95E-09	5.39E-07	0.00E+00	0.00E+00	5.43E-07	2.79E-07	0.00E+00	4.27E-07	0.00E+00	0.00E+00	5.39E-07	0.00E+00	0.00E+00	5.43E-07
2982	ALL	462494.1	3772446	NonCancer	0.00E+00	8.34E-09	5.02E-07	0.00E+00	0.00E+00	5.06E-07	2.60E-07	0.00E+00	3.98E-07	0.00E+00	0.00E+00	5.02E-07	0.00E+00	0.00E+00	5.06E-07
2983	ALL	462503.3	3772442	NonCancer	0.00E+00	8.18E-09	4.92E-07	0.00E+00	0.00E+00	4.96E-07	2.55E-07	0.00E+00	3.90E-07	0.00E+00	0.00E+00	4.92E-07	0.00E+00	0.00E+00	4.96E-07
2984	ALL	462512.5	3772438	NonCancer	0.00E+00	8.15E-09	4.91E-07	0.00E+00	0.00E+00	4.95E-07	2.54E-07	0.00E+00	3.89E-07	0.00E+00	0.00E+00	4.91E-07	0.00E+00	0.00E+00	4.95E-07
2985	ALL	462521.6	3772434	NonCancer	0.00E+00	8.36E-09	5.03E-07	0.00E+00	0.00E+00	5.07E-07	2.61E-07	0.00E+00	3.99E-07	0.00E+00	0.00E+00	5.03E-07	0.00E+00	0.00E+00	5.07E-07
2986	ALL	462530.8	3772430	NonCancer	0.00E+00	8.61E-09	5.18E-07	0.00E+00	0.00E+00	5.22E-07	2.69E-07	0.00E+00	4.10E-07	0.00E+00	0.00E+00	5.18E-07	0.00E+00	0.00E+00	5.22E-07
2987	ALL	462540	3772426	NonCancer	0.00E+00	8.83E-09	5.32E-07	0.00E+00	0.00E+00	5.36E-07	2.76E-07	0.00E+00	4.21E-07	0.00E+00	0.00E+00	5.32E-07	0.00E+00	0.00E+00	5.36E-07
2988	ALL	462549.2	3772423	NonCancer	0.00E+00	9.04E-09	5.44E-07	0.00E+00	0.00E+00	5.49E-07	2.82E-07	0.00E+00	4.31E-07	0.00E+00	0.00E+00	5.44E-07	0.00E+00	0.00E+00	5.49E-07
2989	ALL	462558.3	3772419	NonCancer	0.00E+00	9.23E-09	5.55E-07	0.00E+00	0.00E+00	5.60E-07	2.88E-07	0.00E+00	4.40E-07	0.00E+00	0.00E+00	5.55E-07	0.00E+00	0.00E+00	5.60E-07
2990	ALL	462567.5	3772415	NonCancer	0.00E+00	9.38E-09	5.64E-07	0.00E+00	0.00E+00	5.69E-07	2.93E-07	0.00E+00	4.47E-07	0.00E+00	0.00E+00	5.64E-07	0.00E+00	0.00E+00	5.69E-07
2991	ALL	462576.7	3772411	NonCancer	0.00E+00	9.49E-09	5.71E-07	0.00E+00	0.00E+00	5.76E-07	2.96E-07	0.00E+00	4.53E-07	0.00E+00	0.00E+00	5.71E-07	0.00E+00	0.00E+00	5.76E-07
2992	ALL	462585.9	3772407	NonCancer	0.00E+00	9.56E-09	5.75E-07	0.00E+00	0.00E+00	5.80E-07	2.98E-07	0.00E+00	4.56E-07	0.00E+00	0.00E+00	5.75E-07	0.00E+00	0.00E+00	5.80E-07
2993	ALL	462595	3772403	NonCancer	0.00E+00	9.60E-09	5.77E-07	0.00E+00	0.00E+00	5.82E-07	2.99E-07	0.00E+00	4.58E-07	0.00E+00	0.00E+00	5.77E-07	0.00E+00	0.00E+00	5.82E-07
2994	ALL	462604.2	3772399	NonCancer	0.00E+00	9.59E-09	5.77E-07	0.00E+00	0.00E+00	5.82E-07	2.99E-07	0.00E+00	4.57E-07	0.00E+00	0.00E+00	5.77E-07	0.00E+00	0.00E+00	5.82E-07
2995	ALL	462631.7	3772388	NonCancer	0.00E+00	9.68E-09	5.82E-07	0.00E+00	0.00E+00	5.87E-07	3.02E-07	0.00E+00	4.61E-07	0.00E+00	0.00E+00	5.82E-07	0.00E+00	0.00E+00	5.87E-07
2996	ALL	462640.9	3772384	NonCancer	0.00E+00	9.69E-09	5.83E-07	0.00E+00	0.00E+00	5.88E-07	3.02E-07	0.00E+00	4.62E-07	0.00E+00	0.00E+00	5.83E-07	0.00E+00	0.00E+00	5.88E-07
2997	ALL	462650.1	3772380	NonCancer	0.00E+00	9.80E-09	5.90E-07	0.00E+00	0.00E+00	5.94E-07	3.06E-07	0.00E+00	4.67E-07	0.00E+00	0.00E+00	5.90E-07	0.00E+00	0.00E+00	5.94E-07
2998	ALL	462659.3	3772376	NonCancer	0.00E+00	1.05E-08	6.34E-07	0.00E+00	0.00E+00	6.39E-07	3.29E-07	0.00E+00	5.03E-07	0.00E+00	0.00E+00	6.34E-07	0.00E+00	0.00E+00	6.39E-07
2999	ALL	462668.4	3772373	NonCancer	0.00E+00	1.14E-08	6.84E-07	0.00E+00	0.00E+00	6.89E-07	3.54E-07	0.00E+00	5.42E-07	0.00E+00	0.00E+00	6.84E-07	0.00E+00	0.00E+00	6.89E-07
3000	ALL	462677.6	3772369	NonCancer	0.00E+00	1.22E-08	7.33E-07	0.00E+00	0.00E+00	7.39E-07	3.80E-07	0.00E+00	5.81E-07	0.00E+00	0.00E+00	7.33E-07	0.00E+00	0.00E+00	7.39E-07
3001	ALL	462686.8	3772365	NonCancer	0.00E+00	1.30E-08	7.81E-07	0.00E+00	0.00E+00	7.87E-07	4.05E-07	0.00E+00	6.19E-07	0.00E+00	0.00E+00	7.81E-07	0.00E+00	0.00E+00	7.87E-07
3002	ALL	462696	3772361	NonCancer	0.00E+00	1.37E-08	8.26E-07	0.00E+00	0.00E+00	8.33E-07	4.28E-07	0.00E+00	6.55E-07	0.00E+00	0.00E+00	8.26E-07	0.00E+00	0.00E+00	8.33E-07
3003	ALL	462705.1	3772357	NonCancer	0.00E+00	1.44E-08	8.68E-07	0.00E+00	0.00E+00	8.74E-07	4.50E-07	0.00E+00	6.88E-07	0.00E+00	0.00E+00	8.68E-07	0.00E+00	0.00E+00	8.74E-07
3004	ALL	462714.3	3772353	NonCancer	0.00E+00	1.50E-08	9.04E-07	0.00E+00	0.00E+00	9.11E-07	4.69E-07	0.00E+00	7.16E-07	0.00E+00	0.00E+00	9.04E-07	0.00E+00	0.00E+00	9.11E-07
3005	ALL	462723.5	3772350	NonCancer	0.00E+00	1.55E-08	9.33E-07	0.00E+00	0.00E+00	9.40E-07	4.84E-07	0.00E+00	7.40E-07	0.00E+00	0.00E+00	9.33E-07	0.00E+00	0.00E+00	9.40E-07
3006	ALL	462732.7	3772346	NonCancer	0.00E+00	1.59E-08	9.55E-07	0.00E+00	0.00E+00	9.63E-07	4.95E-07	0.00E+00	7.57E-07	0.00E+00	0.00E+00	9.55E-07	0.00E+00	0.00E+00	9.63E-07
3007	ALL	462741.8	3772342	NonCancer	0.00E+00	1.62E-08	9.77E-07	0.00E+00	0.00E+00	9.85E-07	5.07E-07	0.00E+00	7.75E-07	0.00E+00	0.00E+00	9.77E-07	0.00E+00	0.00E+00	9.85E-07
3008	ALL	462751	3772338	NonCancer	0.00E+00	1.65E-08	9.95E-07	0.00E+00	0.00E+00	1.00E-06	5.16E-07	0.00E+00	7.88E-07	0.00E+00	0.00E+00	9.95E-07	0.00E+00	0.00E+00	1.00E-06
3009	ALL	462760.2	3772334	NonCancer	0.00E+00	1.67E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.21E-07	0.00E+00	7.96E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
3010	ALL	462769.4	3772330	NonCancer	0.00E+00	1.67E-08	1.01E-06	0.00E+00	0.00E+00	1.01E-06	5.22E-07	0.00E+00	7.97E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.01E-06
3011	ALL	462778.5	3772326	NonCancer	0.00E+00	1.66E-08	9.98E-07	0.00E+00	0.00E+00	1.01E-06	5.18E-07	0.00E+00	7.91E-07	0.00E+00	0.00E+00	9.98E-07	0.00E+00	0.00E+00	1.01E-06
3012	ALL	462787.7	3772323	NonCancer	0.00E+00	1.63E-08	9.83E-07	0.00E+00	0.00E+00	9.91E-07	5.10E-07	0.00E+00	7.80E-07	0.00E+00	0.00E+00	9.83E-07	0.00E+00	0.00E+00	9.91E-07
3013	ALL	462796.9	3772319	NonCancer	0.00E+00	1.60E-08	9.62E-07	0.00E+00	0.00E+00	9.70E-07	4.99E-07	0.00E+00	7.62E-07	0.00E+00	0.00E+00	9.62E-07	0.00E+00	0.00E+00	9.70E-07
3014	ALL	462806.1	3772315	NonCancer	0.00E+00	1.55E-08	9.35E-07	0.00E+00	0.00E+00	9.43E-07	4.85E-07	0.00E+00	7.41E-07	0.00E+00	0.00E+00	9.35E-07	0.00E+00	0.00E+00	9.43E-07
3015	ALL	462815.2	3772311	NonCancer	0.00E+00	1.52E-08	9.13E-07	0.00E+00	0.00E+00	9.20E-07	4.73E-07	0.00E+00	7.24E-07	0.00E+00	0.00E+00	9.13E-07	0.00E+00	0.00E+00	9.20E-07
3016	ALL	462824.4	3772307	NonCancer	0.00E+00	1.48E-08	8.90E-07	0.00E+00	0.00E+00	8.97E-07	4.61E-07	0.00E+00	7.05E-07	0.00E+00	0.00E+00	8.90E-07	0.00E+00	0.00E+00	8.97E-07
3017	ALL	462833.6	3772303	NonCancer	0.00E+00	1.44E-08	8.67E-07	0.00E+00	0.00E+00	8.74E-07	4.49E-07	0.00E+00	6.87E-07	0.00E+00	0.00E+00	8.67E-07	0.00E+00	0.00E+00	8.74E-07
3018	ALL	462842.8	3772300	NonCancer	0.00E+00	1.40E-08	8.44E-07	0.00E+00	0.00E+00	8.51E-07	4.37E-07	0.00E+00	6.68E-07	0.00E+00	0.00E+00	8.44E-07	0.00E+00	0.00E+00	8.51E-07
3019	ALL	462851.9	3772296	NonCancer	0.00E+00	1.37E-08	8.22E-07	0.00E+00	0.00E+00	8.28E-07	4.26E-07	0.00E+00	6.51E-07	0.00E+00	0.00E+00	8.22E-07	0.00E+00	0.00E+00	8.28E-07
3020	ALL	462861.1	3772292	NonCancer	0.00E+00	1.35E-08	8.10E-07	0.00E+00	0.00E+00	8.16E-07	4.20E-07	0.00E+00	6.42E-07	0.00E+00	0.00E+00	8.10E-07	0.00E+00	0.00E+00	8.16E-07
3021	ALL	462870.3	3772288	NonCancer	0.00E+00	1.36E-08	8.18E-07	0.00E+00	0.00E+00	8.25E-07	4.24E-07	0.00E+00	6.48E-07	0.00E+00	0.00E+00	8.18E-07	0.00E+00	0.00E+00	8.25E-07
3022	ALL	462879.5	3772284	NonCancer	0.00E+00	1.38E-08	8.30E-07	0.00E+00	0.00E+00	8.37E-07	4.30E-07	0.00E+00	6.58E-07	0.00E+00	0.00E+00	8.30E-07	0.00E+00	0.00E+00	8.37E-07

3023	ALL	462888.6	3772280	NonCancer	0.00E+00	1.39E-08	8.38E-07	0.00E+00	0.00E+00	8.45E-07	4.34E-07	0.00E+00	6.64E-07	0.00E+00	0.00E+00	8.38E-07	0.00E+00	0.00E+00	8.45E-07
3024	ALL	462897.8	3772277	NonCancer	0.00E+00	1.40E-08	8.43E-07	0.00E+00	0.00E+00	8.50E-07	4.37E-07	0.00E+00	6.68E-07	0.00E+00	0.00E+00	8.43E-07	0.00E+00	0.00E+00	8.50E-07
3025	ALL	462907	3772273	NonCancer	0.00E+00	1.40E-08	8.44E-07	0.00E+00	0.00E+00	8.51E-07	4.37E-07	0.00E+00	6.69E-07	0.00E+00	0.00E+00	8.44E-07	0.00E+00	0.00E+00	8.51E-07
3026	ALL	462038	3773157	NonCancer	0.00E+00	7.49E-09	4.51E-07	0.00E+00	0.00E+00	4.55E-07	2.34E-07	0.00E+00	3.57E-07	0.00E+00	0.00E+00	4.51E-07	0.00E+00	0.00E+00	4.55E-07
3027	ALL	462038.1	3773167	NonCancer	0.00E+00	7.53E-09	4.53E-07	0.00E+00	0.00E+00	4.57E-07	2.35E-07	0.00E+00	3.59E-07	0.00E+00	0.00E+00	4.53E-07	0.00E+00	0.00E+00	4.57E-07
3028	ALL	462038.2	3773177	NonCancer	0.00E+00	7.55E-09	4.54E-07	0.00E+00	0.00E+00	4.58E-07	2.35E-07	0.00E+00	3.60E-07	0.00E+00	0.00E+00	4.54E-07	0.00E+00	0.00E+00	4.58E-07
3029	ALL	462038.3	3773187	NonCancer	0.00E+00	7.53E-09	4.53E-07	0.00E+00	0.00E+00	4.57E-07	2.35E-07	0.00E+00	3.59E-07	0.00E+00	0.00E+00	4.53E-07	0.00E+00	0.00E+00	4.57E-07
3030	ALL	462038.4	3773197	NonCancer	0.00E+00	7.52E-09	4.52E-07	0.00E+00	0.00E+00	4.56E-07	2.34E-07	0.00E+00	3.58E-07	0.00E+00	0.00E+00	4.52E-07	0.00E+00	0.00E+00	4.56E-07
3031	ALL	462038.5	3773207	NonCancer	0.00E+00	7.50E-09	4.51E-07	0.00E+00	0.00E+00	4.55E-07	2.34E-07	0.00E+00	3.58E-07	0.00E+00	0.00E+00	4.51E-07	0.00E+00	0.00E+00	4.55E-07
3032	ALL	462038.6	3773217	NonCancer	0.00E+00	7.52E-09	4.52E-07	0.00E+00	0.00E+00	4.56E-07	2.35E-07	0.00E+00	3.58E-07	0.00E+00	0.00E+00	4.52E-07	0.00E+00	0.00E+00	4.56E-07
3033	ALL	462038.7	3773227	NonCancer	0.00E+00	7.53E-09	4.53E-07	0.00E+00	0.00E+00	4.57E-07	2.35E-07	0.00E+00	3.59E-07	0.00E+00	0.00E+00	4.53E-07	0.00E+00	0.00E+00	4.57E-07
3034	ALL	462038.8	3773237	NonCancer	0.00E+00	7.54E-09	4.54E-07	0.00E+00	0.00E+00	4.58E-07	2.35E-07	0.00E+00	3.60E-07	0.00E+00	0.00E+00	4.54E-07	0.00E+00	0.00E+00	4.58E-07
3035	ALL	462038.9	3773246	NonCancer	0.00E+00	7.53E-09	4.53E-07	0.00E+00	0.00E+00	4.57E-07	2.35E-07	0.00E+00	3.59E-07	0.00E+00	0.00E+00	4.53E-07	0.00E+00	0.00E+00	4.57E-07
3036	ALL	462001.7	3773148	NonCancer	0.00E+00	7.15E-09	4.30E-07	0.00E+00	0.00E+00	4.34E-07	2.23E-07	0.00E+00	3.41E-07	0.00E+00	0.00E+00	4.30E-07	0.00E+00	0.00E+00	4.34E-07
3037	ALL	462005.4	3773139	NonCancer	0.00E+00	7.16E-09	4.31E-07	0.00E+00	0.00E+00	4.34E-07	2.23E-07	0.00E+00	3.41E-07	0.00E+00	0.00E+00	4.31E-07	0.00E+00	0.00E+00	4.34E-07
3038	ALL	462009.1	3773130	NonCancer	0.00E+00	7.19E-09	4.33E-07	0.00E+00	0.00E+00	4.36E-07	2.24E-07	0.00E+00	3.43E-07	0.00E+00	0.00E+00	4.33E-07	0.00E+00	0.00E+00	4.36E-07
3039	ALL	462020.2	3773103	NonCancer	0.00E+00	7.45E-09	4.48E-07	0.00E+00	0.00E+00	4.52E-07	2.32E-07	0.00E+00	3.55E-07	0.00E+00	0.00E+00	4.48E-07	0.00E+00	0.00E+00	4.52E-07
3040	ALL	462023.9	3773094	NonCancer	0.00E+00	7.54E-09	4.54E-07	0.00E+00	0.00E+00	4.57E-07	2.35E-07	0.00E+00	3.59E-07	0.00E+00	0.00E+00	4.54E-07	0.00E+00	0.00E+00	4.57E-07
3041	ALL	462027.6	3773084	NonCancer	0.00E+00	7.66E-09	4.61E-07	0.00E+00	0.00E+00	4.65E-07	2.39E-07	0.00E+00	3.65E-07	0.00E+00	0.00E+00	4.61E-07	0.00E+00	0.00E+00	4.65E-07
3042	ALL	462031.3	3773075	NonCancer	0.00E+00	7.79E-09	4.69E-07	0.00E+00	0.00E+00	4.73E-07	2.43E-07	0.00E+00	3.72E-07	0.00E+00	0.00E+00	4.69E-07	0.00E+00	0.00E+00	4.73E-07
3043	ALL	462035	3773066	NonCancer	0.00E+00	7.87E-09	4.74E-07	0.00E+00	0.00E+00	4.78E-07	2.46E-07	0.00E+00	3.75E-07	0.00E+00	0.00E+00	4.74E-07	0.00E+00	0.00E+00	4.78E-07
3044	ALL	462038.6	3773057	NonCancer	0.00E+00	7.89E-09	4.75E-07	0.00E+00	0.00E+00	4.79E-07	2.46E-07	0.00E+00	3.76E-07	0.00E+00	0.00E+00	4.75E-07	0.00E+00	0.00E+00	4.79E-07
3045	ALL	462042.3	3773048	NonCancer	0.00E+00	7.86E-09	4.73E-07	0.00E+00	0.00E+00	4.77E-07	2.45E-07	0.00E+00	3.75E-07	0.00E+00	0.00E+00	4.73E-07	0.00E+00	0.00E+00	4.77E-07
3046	ALL	462046	3773039	NonCancer	0.00E+00	7.80E-09	4.69E-07	0.00E+00	0.00E+00	4.73E-07	2.43E-07	0.00E+00	3.72E-07	0.00E+00	0.00E+00	4.69E-07	0.00E+00	0.00E+00	4.73E-07
3047	ALL	462049.7	3773030	NonCancer	0.00E+00	7.74E-09	4.66E-07	0.00E+00	0.00E+00	4.70E-07	2.42E-07	0.00E+00	3.69E-07	0.00E+00	0.00E+00	4.66E-07	0.00E+00	0.00E+00	4.70E-07
3048	ALL	462060.8	3773003	NonCancer	0.00E+00	7.67E-09	4.62E-07	0.00E+00	0.00E+00	4.65E-07	2.39E-07	0.00E+00	3.66E-07	0.00E+00	0.00E+00	4.62E-07	0.00E+00	0.00E+00	4.65E-07
3049	ALL	462064.5	3772993	NonCancer	0.00E+00	7.64E-09	4.60E-07	0.00E+00	0.00E+00	4.64E-07	2.38E-07	0.00E+00	3.64E-07	0.00E+00	0.00E+00	4.60E-07	0.00E+00	0.00E+00	4.64E-07
3050	ALL	462068.2	3772984	NonCancer	0.00E+00	7.58E-09	4.56E-07	0.00E+00	0.00E+00	4.60E-07	2.36E-07	0.00E+00	3.61E-07	0.00E+00	0.00E+00	4.56E-07	0.00E+00	0.00E+00	4.60E-07
3051	ALL	462071.9	3772975	NonCancer	0.00E+00	7.51E-09	4.52E-07	0.00E+00	0.00E+00	4.56E-07	2.34E-07	0.00E+00	3.58E-07	0.00E+00	0.00E+00	4.52E-07	0.00E+00	0.00E+00	4.56E-07
3052	ALL	462075.6	3772966	NonCancer	0.00E+00	7.45E-09	4.49E-07	0.00E+00	0.00E+00	4.52E-07	2.32E-07	0.00E+00	3.55E-07	0.00E+00	0.00E+00	4.49E-07	0.00E+00	0.00E+00	4.52E-07
3053	ALL	462079.3	3772957	NonCancer	0.00E+00	7.51E-09	4.52E-07	0.00E+00	0.00E+00	4.56E-07	2.34E-07	0.00E+00	3.58E-07	0.00E+00	0.00E+00	4.52E-07	0.00E+00	0.00E+00	4.56E-07
3054	ALL	462082.9	3772948	NonCancer	0.00E+00	7.64E-09	4.60E-07	0.00E+00	0.00E+00	4.64E-07	2.38E-07	0.00E+00	3.64E-07	0.00E+00	0.00E+00	4.60E-07	0.00E+00	0.00E+00	4.64E-07
3055	ALL	462086.6	3772939	NonCancer	0.00E+00	7.78E-09	4.68E-07	0.00E+00	0.00E+00	4.72E-07	2.43E-07	0.00E+00	3.71E-07	0.00E+00	0.00E+00	4.68E-07	0.00E+00	0.00E+00	4.72E-07
3056	ALL	462090.3	3772930	NonCancer	0.00E+00	7.87E-09	4.74E-07	0.00E+00	0.00E+00	4.77E-07	2.45E-07	0.00E+00	3.75E-07	0.00E+00	0.00E+00	4.74E-07	0.00E+00	0.00E+00	4.77E-07
3057	ALL	462097.7	3772912	NonCancer	0.00E+00	7.98E-09	4.80E-07	0.00E+00	0.00E+00	4.84E-07	2.49E-07	0.00E+00	3.81E-07	0.00E+00	0.00E+00	4.80E-07	0.00E+00	0.00E+00	4.84E-07
3058	ALL	462101.4	3772902	NonCancer	0.00E+00	8.02E-09	4.83E-07	0.00E+00	0.00E+00	4.87E-07	2.50E-07	0.00E+00	3.83E-07	0.00E+00	0.00E+00	4.83E-07	0.00E+00	0.00E+00	4.87E-07
3059	ALL	462105.1	3772893	NonCancer	0.00E+00	8.04E-09	4.84E-07	0.00E+00	0.00E+00	4.88E-07	2.51E-07	0.00E+00	3.84E-07	0.00E+00	0.00E+00	4.84E-07	0.00E+00	0.00E+00	4.88E-07
3060	ALL	462108.8	3772884	NonCancer	0.00E+00	8.02E-09	4.83E-07	0.00E+00	0.00E+00	4.87E-07	2.50E-07	0.00E+00	3.82E-07	0.00E+00	0.00E+00	4.83E-07	0.00E+00	0.00E+00	4.87E-07
3061	ALL	462127.2	3772839	NonCancer	0.00E+00	7.62E-09	4.59E-07	0.00E+00	0.00E+00	4.63E-07	2.38E-07	0.00E+00	3.64E-07	0.00E+00	0.00E+00	4.59E-07	0.00E+00	0.00E+00	4.63E-07
3062	ALL	462130.9	3772830	NonCancer	0.00E+00	7.60E-09	4.57E-07	0.00E+00	0.00E+00	4.61E-07	2.37E-07	0.00E+00	3.62E-07	0.00E+00	0.00E+00	4.57E-07	0.00E+00	0.00E+00	4.61E-07
3063	ALL	462134.6	3772821	NonCancer	0.00E+00	7.55E-09	4.55E-07	0.00E+00	0.00E+00	4.58E-07	2.36E-07	0.00E+00	3.60E-07	0.00E+00	0.00E+00	4.55E-07	0.00E+00	0.00E+00	4.58E-07
3064	ALL	462138.3	3772811	NonCancer	0.00E+00	7.58E-09	4.56E-07	0.00E+00	0.00E+00	4.60E-07	2.36E-07	0.00E+00	3.61E-07	0.00E+00	0.00E+00	4.56E-07	0.00E+00	0.00E+00	4.60E-07
3065	ALL	462142	3772802	NonCancer	0.00E+00	7.60E-09	4.57E-07	0.00E+00	0.00E+00	4.61E-07	2.37E-07	0.00E+00	3.62E-07	0.00E+00	0.00E+00	4.57E-07	0.00E+00	0.00E+00	4.61E-07
3066	ALL	462145.7	3772793	NonCancer	0.00E+00	7.60E-09	4.58E-07	0.00E+00	0.00E+00	4.61E-07	2.37E-07	0.00E+00	3.62E-07	0.00E+00	0.00E+00	4.58E-07	0.00E+00	0.00E+00	4.61E-07
3067	ALL	462149.4	3772784	NonCancer	0.00E+00	7.57E-09	4.56E-07	0.00E+00	0.00E+00	4.60E-07	2.36E-07	0.00E+00	3.61E-07	0.00E+00	0.00E+00	4.56E-07	0.00E+00	0.00E+00	4.60E-07
3068	ALL	462153.1	3772775	NonCancer	0.00E+00	7.50E-09	4.51E-07	0.00E+00	0.00E+00	4.55E-07	2.34E-07	0.00E+00	3.58E-07	0.00E+00	0.00E+00	4.51E-07	0.00E+00	0.00E+00	4.55E-07
3069	ALL	462156.8	3772766	NonCancer	0.00E+00	7.43E-09	4.47E-07	0.00E+00	0.00E+00	4.51E-07	2.32E-07	0.00E+00	3.54E-07	0.00E+00	0.00E+00	4.47E-07	0.00E+00	0.00E+00	4.51E-07
3070	ALL	462160.5	3772757	NonCancer	0.00E+00	7.38E-09	4.44E-07	0.00E+00	0.00E+00	4.48E-07	2.30E-07	0.00E+00	3.52E-07	0.00E+00	0.00E+00	4.44E-07	0.00E+00	0.00E+00	4.48E-07
3071	ALL	462164.2	3772748	NonCancer	0.00E+00	7.36E-09	4.43E-07	0.00E+00	0.00E+00	4.47E-07	2.30E-07	0.00E+00	3.51E-07	0.00E+00	0.00E+00	4.43E-07	0.00E+00	0.00E+00	4.47E-07
3072	ALL	462167.8	3772739	NonCancer	0.00E+00	7.35E-09	4.42E-07	0.00E+00	0.00E+00	4.46E-07	2.29E-07	0.00E+00	3.51E-07	0.00E+00	0.00E+00	4.42E-07	0.00E+00	0.00E+00	4.46E-07
3073	ALL	462171.5	3772729	NonCancer	0.00E+00	7.37E-09	4.44E-07	0.00E+00	0.00E+00	4.47E-07	2.30E-07	0.00E+00	3.52E-07	0.00E+00	0.00E+00	4.44E-07	0.00E+00	0.00E+00	4.47E-07
3074	ALL	462175.2	3772720	NonCancer	0.00E+00	7.57E-09	4.56E-07	0.00E+00	0.00E+00	4.59E-07	2.36E-07	0.00E+00	3.61E-07	0.00E+00	0.00E+00	4.56E-07	0.00E+00	0.00E+00	4.59E-07
3075	ALL	462178.9	3772711	NonCancer	0.00E+00	7.83E-09	4.72E-07	0.00E+00	0.00E+00	4.75E-07	2.44E-07	0.00E+00	3.74E-07	0.00E+00	0.00E+00	4.72E-07	0.00E+00	0.00E+00	4.75E-07
3076	ALL	462182.6	3772702	NonCancer	0.00E+00	8.10E-09	4.87E-07	0.00E+00	0.00E+00	4.91E-07	2.53E-07	0.00E+00	3.86E-07	0.00E+00	0.00E+00	4.87E-07	0.00E+00	0.00E+00	4.91E-07

3077	ALL	462186.3	3772693	NonCancer	0.00E+00	8.55E-09	5.15E-07	0.00E+00	0.00E+00	5.19E-07	2.67E-07	0.00E+00	4.08E-07	0.00E+00	0.00E+00	5.15E-07	0.00E+00	0.00E+00	5.19E-07
3078	ALL	462190	3772684	NonCancer	0.00E+00	9.21E-09	5.54E-07	0.00E+00	0.00E+00	5.59E-07	2.87E-07	0.00E+00	4.39E-07	0.00E+00	0.00E+00	5.54E-07	0.00E+00	0.00E+00	5.59E-07
3079	ALL	462193.7	3772675	NonCancer	0.00E+00	9.90E-09	5.96E-07	0.00E+00	0.00E+00	6.01E-07	3.09E-07	0.00E+00	4.72E-07	0.00E+00	0.00E+00	5.96E-07	0.00E+00	0.00E+00	6.01E-07
3080	ALL	462197.4	3772666	NonCancer	0.00E+00	1.06E-08	6.36E-07	0.00E+00	0.00E+00	6.41E-07	3.30E-07	0.00E+00	5.04E-07	0.00E+00	0.00E+00	6.36E-07	0.00E+00	0.00E+00	6.41E-07
3081	ALL	462226.9	3772593	NonCancer	0.00E+00	1.26E-08	7.59E-07	0.00E+00	0.00E+00	7.65E-07	3.93E-07	0.00E+00	6.01E-07	0.00E+00	0.00E+00	7.59E-07	0.00E+00	0.00E+00	7.65E-07
3082	ALL	462230.6	3772584	NonCancer	0.00E+00	1.23E-08	7.43E-07	0.00E+00	0.00E+00	7.49E-07	3.85E-07	0.00E+00	5.89E-07	0.00E+00	0.00E+00	7.43E-07	0.00E+00	0.00E+00	7.49E-07
3083	ALL	462234.3	3772575	NonCancer	0.00E+00	1.20E-08	7.22E-07	0.00E+00	0.00E+00	7.27E-07	3.74E-07	0.00E+00	5.72E-07	0.00E+00	0.00E+00	7.22E-07	0.00E+00	0.00E+00	7.27E-07
3084	ALL	462238	3772566	NonCancer	0.00E+00	1.16E-08	6.96E-07	0.00E+00	0.00E+00	7.02E-07	3.61E-07	0.00E+00	5.52E-07	0.00E+00	0.00E+00	6.96E-07	0.00E+00	0.00E+00	7.02E-07
3085	ALL	462241.7	3772557	NonCancer	0.00E+00	1.11E-08	6.66E-07	0.00E+00	0.00E+00	6.72E-07	3.46E-07	0.00E+00	5.28E-07	0.00E+00	0.00E+00	6.66E-07	0.00E+00	0.00E+00	6.72E-07
3086	ALL	462245.4	3772547	NonCancer	0.00E+00	1.05E-08	6.33E-07	0.00E+00	0.00E+00	6.38E-07	3.28E-07	0.00E+00	5.02E-07	0.00E+00	0.00E+00	6.33E-07	0.00E+00	0.00E+00	6.38E-07
3087	ALL	462249.1	3772538	NonCancer	0.00E+00	9.91E-09	5.97E-07	0.00E+00	0.00E+00	6.01E-07	3.09E-07	0.00E+00	4.73E-07	0.00E+00	0.00E+00	5.97E-07	0.00E+00	0.00E+00	6.01E-07
3088	ALL	462252.8	3772529	NonCancer	0.00E+00	9.28E-09	5.58E-07	0.00E+00	0.00E+00	5.63E-07	2.89E-07	0.00E+00	4.42E-07	0.00E+00	0.00E+00	5.58E-07	0.00E+00	0.00E+00	5.63E-07
3089	ALL	462256.4	3772520	NonCancer	0.00E+00	8.88E-09	5.35E-07	0.00E+00	0.00E+00	5.39E-07	2.77E-07	0.00E+00	4.23E-07	0.00E+00	0.00E+00	5.35E-07	0.00E+00	0.00E+00	5.39E-07
3090	ALL	462260.1	3772511	NonCancer	0.00E+00	8.60E-09	5.17E-07	0.00E+00	0.00E+00	5.22E-07	2.68E-07	0.00E+00	4.10E-07	0.00E+00	0.00E+00	5.17E-07	0.00E+00	0.00E+00	5.22E-07
3091	ALL	462272.9	3772498	NonCancer	0.00E+00	8.44E-09	5.08E-07	0.00E+00	0.00E+00	5.12E-07	2.63E-07	0.00E+00	4.03E-07	0.00E+00	0.00E+00	5.08E-07	0.00E+00	0.00E+00	5.12E-07
3092	ALL	462281.9	3772494	NonCancer	0.00E+00	8.44E-09	5.08E-07	0.00E+00	0.00E+00	5.12E-07	2.63E-07	0.00E+00	4.03E-07	0.00E+00	0.00E+00	5.08E-07	0.00E+00	0.00E+00	5.12E-07
3093	ALL	462291	3772491	NonCancer	0.00E+00	8.41E-09	5.06E-07	0.00E+00	0.00E+00	5.10E-07	2.62E-07	0.00E+00	4.01E-07	0.00E+00	0.00E+00	5.06E-07	0.00E+00	0.00E+00	5.10E-07
3094	ALL	462300.1	3772487	NonCancer	0.00E+00	8.35E-09	5.03E-07	0.00E+00	0.00E+00	5.07E-07	2.61E-07	0.00E+00	3.98E-07	0.00E+00	0.00E+00	5.03E-07	0.00E+00	0.00E+00	5.07E-07
3095	ALL	462309.1	3772483	NonCancer	0.00E+00	8.25E-09	4.97E-07	0.00E+00	0.00E+00	5.01E-07	2.58E-07	0.00E+00	3.94E-07	0.00E+00	0.00E+00	4.97E-07	0.00E+00	0.00E+00	5.01E-07
3096	ALL	462318.2	3772479	NonCancer	0.00E+00	8.12E-09	4.89E-07	0.00E+00	0.00E+00	4.93E-07	2.53E-07	0.00E+00	3.87E-07	0.00E+00	0.00E+00	4.89E-07	0.00E+00	0.00E+00	4.93E-07
3097	ALL	462327.2	3772475	NonCancer	0.00E+00	8.01E-09	4.82E-07	0.00E+00	0.00E+00	4.86E-07	2.50E-07	0.00E+00	3.82E-07	0.00E+00	0.00E+00	4.82E-07	0.00E+00	0.00E+00	4.86E-07
3098	ALL	462336.3	3772472	NonCancer	0.00E+00	7.97E-09	4.79E-07	0.00E+00	0.00E+00	4.83E-07	2.49E-07	0.00E+00	3.80E-07	0.00E+00	0.00E+00	4.79E-07	0.00E+00	0.00E+00	4.83E-07
3099	ALL	462345.4	3772468	NonCancer	0.00E+00	8.00E-09	4.81E-07	0.00E+00	0.00E+00	4.85E-07	2.50E-07	0.00E+00	3.81E-07	0.00E+00	0.00E+00	4.81E-07	0.00E+00	0.00E+00	4.85E-07
3100	ALL	462399.7	3772445	NonCancer	0.00E+00	8.51E-09	5.12E-07	0.00E+00	0.00E+00	5.16E-07	2.66E-07	0.00E+00	4.06E-07	0.00E+00	0.00E+00	5.12E-07	0.00E+00	0.00E+00	5.16E-07
3101	ALL	462408.8	3772441	NonCancer	0.00E+00	8.49E-09	5.11E-07	0.00E+00	0.00E+00	5.15E-07	2.65E-07	0.00E+00	4.05E-07	0.00E+00	0.00E+00	5.11E-07	0.00E+00	0.00E+00	5.15E-07
3102	ALL	462417.8	3772437	NonCancer	0.00E+00	8.44E-09	5.08E-07	0.00E+00	0.00E+00	5.12E-07	2.63E-07	0.00E+00	4.02E-07	0.00E+00	0.00E+00	5.08E-07	0.00E+00	0.00E+00	5.12E-07
3103	ALL	462426.9	3772434	NonCancer	0.00E+00	8.40E-09	5.06E-07	0.00E+00	0.00E+00	5.10E-07	2.62E-07	0.00E+00	4.01E-07	0.00E+00	0.00E+00	5.06E-07	0.00E+00	0.00E+00	5.10E-07
3104	ALL	462435.9	3772430	NonCancer	0.00E+00	8.36E-09	5.03E-07	0.00E+00	0.00E+00	5.07E-07	2.61E-07	0.00E+00	3.98E-07	0.00E+00	0.00E+00	5.03E-07	0.00E+00	0.00E+00	5.07E-07
3105	ALL	462445	3772426	NonCancer	0.00E+00	8.28E-09	4.99E-07	0.00E+00	0.00E+00	5.03E-07	2.58E-07	0.00E+00	3.95E-07	0.00E+00	0.00E+00	4.99E-07	0.00E+00	0.00E+00	5.03E-07
3106	ALL	462454.1	3772422	NonCancer	0.00E+00	8.18E-09	4.92E-07	0.00E+00	0.00E+00	4.96E-07	2.55E-07	0.00E+00	3.90E-07	0.00E+00	0.00E+00	4.92E-07	0.00E+00	0.00E+00	4.96E-07
3107	ALL	462463.1	3772419	NonCancer	0.00E+00	8.07E-09	4.86E-07	0.00E+00	0.00E+00	4.89E-07	2.52E-07	0.00E+00	3.85E-07	0.00E+00	0.00E+00	4.86E-07	0.00E+00	0.00E+00	4.89E-07
3108	ALL	462472.2	3772415	NonCancer	0.00E+00	7.93E-09	4.77E-07	0.00E+00	0.00E+00	4.81E-07	2.47E-07	0.00E+00	3.78E-07	0.00E+00	0.00E+00	4.77E-07	0.00E+00	0.00E+00	4.81E-07
3109	ALL	462481.2	3772411	NonCancer	0.00E+00	7.80E-09	4.70E-07	0.00E+00	0.00E+00	4.74E-07	2.43E-07	0.00E+00	3.72E-07	0.00E+00	0.00E+00	4.70E-07	0.00E+00	0.00E+00	4.74E-07
3110	ALL	462490.3	3772407	NonCancer	0.00E+00	7.76E-09	4.67E-07	0.00E+00	0.00E+00	4.71E-07	2.42E-07	0.00E+00	3.70E-07	0.00E+00	0.00E+00	4.67E-07	0.00E+00	0.00E+00	4.71E-07
3111	ALL	462499.4	3772403	NonCancer	0.00E+00	7.88E-09	4.74E-07	0.00E+00	0.00E+00	4.78E-07	2.46E-07	0.00E+00	3.76E-07	0.00E+00	0.00E+00	4.74E-07	0.00E+00	0.00E+00	4.78E-07
3112	ALL	462508.4	3772400	NonCancer	0.00E+00	8.10E-09	4.87E-07	0.00E+00	0.00E+00	4.91E-07	2.53E-07	0.00E+00	3.86E-07	0.00E+00	0.00E+00	4.87E-07	0.00E+00	0.00E+00	4.91E-07
3113	ALL	462517.5	3772396	NonCancer	0.00E+00	8.30E-09	5.00E-07	0.00E+00	0.00E+00	5.04E-07	2.59E-07	0.00E+00	3.96E-07	0.00E+00	0.00E+00	5.00E-07	0.00E+00	0.00E+00	5.04E-07
3114	ALL	462526.5	3772392	NonCancer	0.00E+00	8.50E-09	5.11E-07	0.00E+00	0.00E+00	5.16E-07	2.65E-07	0.00E+00	4.05E-07	0.00E+00	0.00E+00	5.11E-07	0.00E+00	0.00E+00	5.16E-07
3115	ALL	462535.6	3772388	NonCancer	0.00E+00	8.67E-09	5.22E-07	0.00E+00	0.00E+00	5.26E-07	2.70E-07	0.00E+00	4.13E-07	0.00E+00	0.00E+00	5.22E-07	0.00E+00	0.00E+00	5.26E-07
3116	ALL	462544.7	3772384	NonCancer	0.00E+00	8.81E-09	5.30E-07	0.00E+00	0.00E+00	5.35E-07	2.75E-07	0.00E+00	4.20E-07	0.00E+00	0.00E+00	5.30E-07	0.00E+00	0.00E+00	5.35E-07
3117	ALL	462553.7	3772381	NonCancer	0.00E+00	8.92E-09	5.37E-07	0.00E+00	0.00E+00	5.41E-07	2.78E-07	0.00E+00	4.26E-07	0.00E+00	0.00E+00	5.37E-07	0.00E+00	0.00E+00	5.41E-07
3118	ALL	462562.8	3772377	NonCancer	0.00E+00	9.00E-09	5.42E-07	0.00E+00	0.00E+00	5.46E-07	2.81E-07	0.00E+00	4.29E-07	0.00E+00	0.00E+00	5.42E-07	0.00E+00	0.00E+00	5.46E-07
3119	ALL	462571.8	3772373	NonCancer	0.00E+00	9.05E-09	5.45E-07	0.00E+00	0.00E+00	5.49E-07	2.82E-07	0.00E+00	4.32E-07	0.00E+00	0.00E+00	5.45E-07	0.00E+00	0.00E+00	5.49E-07
3120	ALL	462580.9	3772369	NonCancer	0.00E+00	9.06E-09	5.45E-07	0.00E+00	0.00E+00	5.50E-07	2.83E-07	0.00E+00	4.32E-07	0.00E+00	0.00E+00	5.45E-07	0.00E+00	0.00E+00	5.50E-07
3121	ALL	462590	3772365	NonCancer	0.00E+00	9.06E-09	5.45E-07	0.00E+00	0.00E+00	5.50E-07	2.83E-07	0.00E+00	4.32E-07	0.00E+00	0.00E+00	5.45E-07	0.00E+00	0.00E+00	5.50E-07
3122	ALL	462599	3772362	NonCancer	0.00E+00	9.10E-09	5.48E-07	0.00E+00	0.00E+00	5.52E-07	2.84E-07	0.00E+00	4.34E-07	0.00E+00	0.00E+00	5.48E-07	0.00E+00	0.00E+00	5.52E-07
3123	ALL	462608.1	3772358	NonCancer	0.00E+00	9.16E-09	5.51E-07	0.00E+00	0.00E+00	5.56E-07	2.86E-07	0.00E+00	4.37E-07	0.00E+00	0.00E+00	5.51E-07	0.00E+00	0.00E+00	5.56E-07
3124	ALL	462626.2	3772350	NonCancer	0.00E+00	9.21E-09	5.54E-07	0.00E+00	0.00E+00	5.59E-07	2.87E-07	0.00E+00	4.39E-07	0.00E+00	0.00E+00	5.54E-07	0.00E+00	0.00E+00	5.59E-07
3125	ALL	462635.3	3772346	NonCancer	0.00E+00	9.25E-09	5.57E-07	0.00E+00	0.00E+00	5.61E-07	2.89E-07	0.00E+00	4.41E-07	0.00E+00	0.00E+00	5.57E-07	0.00E+00	0.00E+00	5.61E-07
3126	ALL	462644.3	3772343	NonCancer	0.00E+00	9.89E-09	5.95E-07	0.00E+00	0.00E+00	6.00E-07	3.08E-07	0.00E+00	4.71E-07	0.00E+00	0.00E+00	5.95E-07	0.00E+00	0.00E+00	6.00E-07
3127	ALL	462653.4	3772339	NonCancer	0.00E+00	1.06E-08	6.39E-07	0.00E+00	0.00E+00	6.44E-07	3.31E-07	0.00E+00	5.07E-07	0.00E+00	0.00E+00	6.39E-07	0.00E+00	0.00E+00	6.44E-07
3128	ALL	462662.4	3772335	NonCancer	0.00E+00	1.14E-08	6.84E-07	0.00E+00	0.00E+00	6.89E-07	3.54E-07	0.00E+00	5.42E-07	0.00E+00	0.00E+00	6.84E-07	0.00E+00	0.00E+00	6.89E-07
3129	ALL	462671.5	3772331	NonCancer	0.00E+00	1.21E-08	7.27E-07	0.00E+00	0.00E+00	7.33E-07	3.77E-07	0.00E+00	5.76E-07	0.00E+00	0.00E+00	7.27E-07	0.00E+00	0.00E+00	7.33E-07
3130	ALL	462680.5	3772327	NonCancer	0.00E+00	1.28E-08	7.69E-07	0.00E+00	0.00E+00	7.75E-07	3.99E-07	0.00E+00	6.09E-07	0.00E+00	0.00E+00	7.69E-07	0.00E+00	0.00E+00	7.75E-07

3131	ALL	462689.6	3772324	NonCancer	0.00E+00	1.34E-08	8.07E-07	0.00E+00	0.00E+00	8.14E-07	4.19E-07	0.00E+00	6.40E-07	0.00E+00	0.00E+00	8.07E-07	0.00E+00	0.00E+00	8.14E-07
3132	ALL	462698.7	3772320	NonCancer	0.00E+00	1.40E-08	8.42E-07	0.00E+00	0.00E+00	8.48E-07	4.37E-07	0.00E+00	6.67E-07	0.00E+00	0.00E+00	8.42E-07	0.00E+00	0.00E+00	8.48E-07
3133	ALL	462707.7	3772316	NonCancer	0.00E+00	1.45E-08	8.71E-07	0.00E+00	0.00E+00	8.78E-07	4.52E-07	0.00E+00	6.90E-07	0.00E+00	0.00E+00	8.71E-07	0.00E+00	0.00E+00	8.78E-07
3134	ALL	462716.8	3772312	NonCancer	0.00E+00	1.48E-08	8.93E-07	0.00E+00	0.00E+00	9.00E-07	4.63E-07	0.00E+00	7.08E-07	0.00E+00	0.00E+00	8.93E-07	0.00E+00	0.00E+00	9.00E-07
3135	ALL	462725.8	3772309	NonCancer	0.00E+00	1.52E-08	9.13E-07	0.00E+00	0.00E+00	9.21E-07	4.74E-07	0.00E+00	7.24E-07	0.00E+00	0.00E+00	9.13E-07	0.00E+00	0.00E+00	9.21E-07
3136	ALL	462734.9	3772305	NonCancer	0.00E+00	1.55E-08	9.32E-07	0.00E+00	0.00E+00	9.39E-07	4.83E-07	0.00E+00	7.39E-07	0.00E+00	0.00E+00	9.32E-07	0.00E+00	0.00E+00	9.39E-07
3137	ALL	462744	3772301	NonCancer	0.00E+00	1.57E-08	9.45E-07	0.00E+00	0.00E+00	9.53E-07	4.90E-07	0.00E+00	7.49E-07	0.00E+00	0.00E+00	9.45E-07	0.00E+00	0.00E+00	9.53E-07
3138	ALL	462753	3772297	NonCancer	0.00E+00	1.58E-08	9.51E-07	0.00E+00	0.00E+00	9.59E-07	4.93E-07	0.00E+00	7.54E-07	0.00E+00	0.00E+00	9.51E-07	0.00E+00	0.00E+00	9.59E-07
3139	ALL	462762.1	3772293	NonCancer	0.00E+00	1.58E-08	9.50E-07	0.00E+00	0.00E+00	9.57E-07	4.93E-07	0.00E+00	7.53E-07	0.00E+00	0.00E+00	9.50E-07	0.00E+00	0.00E+00	9.57E-07
3140	ALL	462771.1	3772290	NonCancer	0.00E+00	1.56E-08	9.41E-07	0.00E+00	0.00E+00	9.49E-07	4.88E-07	0.00E+00	7.46E-07	0.00E+00	0.00E+00	9.41E-07	0.00E+00	0.00E+00	9.49E-07
3141	ALL	462780.2	3772286	NonCancer	0.00E+00	1.54E-08	9.26E-07	0.00E+00	0.00E+00	9.33E-07	4.80E-07	0.00E+00	7.34E-07	0.00E+00	0.00E+00	9.26E-07	0.00E+00	0.00E+00	9.33E-07
3142	ALL	462789.3	3772282	NonCancer	0.00E+00	1.50E-08	9.05E-07	0.00E+00	0.00E+00	9.13E-07	4.69E-07	0.00E+00	7.17E-07	0.00E+00	0.00E+00	9.05E-07	0.00E+00	0.00E+00	9.13E-07
3143	ALL	462798.3	3772278	NonCancer	0.00E+00	1.47E-08	8.86E-07	0.00E+00	0.00E+00	8.93E-07	4.59E-07	0.00E+00	7.02E-07	0.00E+00	0.00E+00	8.86E-07	0.00E+00	0.00E+00	8.93E-07
3144	ALL	462807.4	3772274	NonCancer	0.00E+00	1.44E-08	8.67E-07	0.00E+00	0.00E+00	8.74E-07	4.49E-07	0.00E+00	6.87E-07	0.00E+00	0.00E+00	8.67E-07	0.00E+00	0.00E+00	8.74E-07
3145	ALL	462816.4	3772271	NonCancer	0.00E+00	1.41E-08	8.47E-07	0.00E+00	0.00E+00	8.54E-07	4.39E-07	0.00E+00	6.71E-07	0.00E+00	0.00E+00	8.47E-07	0.00E+00	0.00E+00	8.54E-07
3146	ALL	462825.5	3772267	NonCancer	0.00E+00	1.37E-08	8.27E-07	0.00E+00	0.00E+00	8.34E-07	4.29E-07	0.00E+00	6.55E-07	0.00E+00	0.00E+00	8.27E-07	0.00E+00	0.00E+00	8.34E-07
3147	ALL	462834.6	3772263	NonCancer	0.00E+00	1.34E-08	8.07E-07	0.00E+00	0.00E+00	8.14E-07	4.18E-07	0.00E+00	6.39E-07	0.00E+00	0.00E+00	8.07E-07	0.00E+00	0.00E+00	8.14E-07
3148	ALL	462843.6	3772259	NonCancer	0.00E+00	1.31E-08	7.88E-07	0.00E+00	0.00E+00	7.94E-07	4.08E-07	0.00E+00	6.24E-07	0.00E+00	0.00E+00	7.88E-07	0.00E+00	0.00E+00	7.94E-07
3149	ALL	462852.7	3772255	NonCancer	0.00E+00	1.29E-08	7.78E-07	0.00E+00	0.00E+00	7.84E-07	4.03E-07	0.00E+00	6.16E-07	0.00E+00	0.00E+00	7.78E-07	0.00E+00	0.00E+00	7.84E-07
3150	ALL	462861.7	3772252	NonCancer	0.00E+00	1.30E-08	7.85E-07	0.00E+00	0.00E+00	7.92E-07	4.07E-07	0.00E+00	6.22E-07	0.00E+00	0.00E+00	7.85E-07	0.00E+00	0.00E+00	7.92E-07
3151	ALL	462870.8	3772248	NonCancer	0.00E+00	1.32E-08	7.97E-07	0.00E+00	0.00E+00	8.04E-07	4.13E-07	0.00E+00	6.32E-07	0.00E+00	0.00E+00	7.97E-07	0.00E+00	0.00E+00	8.04E-07
3152	ALL	462879.8	3772244	NonCancer	0.00E+00	1.34E-08	8.06E-07	0.00E+00	0.00E+00	8.12E-07	4.18E-07	0.00E+00	6.38E-07	0.00E+00	0.00E+00	8.06E-07	0.00E+00	0.00E+00	8.12E-07
3153	ALL	462888.9	3772240	NonCancer	0.00E+00	1.35E-08	8.11E-07	0.00E+00	0.00E+00	8.18E-07	4.20E-07	0.00E+00	6.43E-07	0.00E+00	0.00E+00	8.11E-07	0.00E+00	0.00E+00	8.18E-07
3154	ALL	462898	3772236	NonCancer	0.00E+00	1.35E-08	8.14E-07	0.00E+00	0.00E+00	8.20E-07	4.22E-07	0.00E+00	6.45E-07	0.00E+00	0.00E+00	8.14E-07	0.00E+00	0.00E+00	8.20E-07
3155	ALL	462907	3772233	NonCancer	0.00E+00	1.35E-08	8.13E-07	0.00E+00	0.00E+00	8.20E-07	4.21E-07	0.00E+00	6.44E-07	0.00E+00	0.00E+00	8.13E-07	0.00E+00	0.00E+00	8.20E-07
3156	ALL	461998	3773157	NonCancer	0.00E+00	7.17E-09	4.32E-07	0.00E+00	0.00E+00	4.35E-07	2.24E-07	0.00E+00	3.42E-07	0.00E+00	0.00E+00	4.32E-07	0.00E+00	0.00E+00	4.35E-07
3157	ALL	461998.1	3773167	NonCancer	0.00E+00	7.21E-09	4.34E-07	0.00E+00	0.00E+00	4.37E-07	2.25E-07	0.00E+00	3.44E-07	0.00E+00	0.00E+00	4.34E-07	0.00E+00	0.00E+00	4.37E-07
3158	ALL	461998.2	3773177	NonCancer	0.00E+00	7.22E-09	4.35E-07	0.00E+00	0.00E+00	4.38E-07	2.25E-07	0.00E+00	3.44E-07	0.00E+00	0.00E+00	4.35E-07	0.00E+00	0.00E+00	4.38E-07
3159	ALL	461998.3	3773187	NonCancer	0.00E+00	7.21E-09	4.34E-07	0.00E+00	0.00E+00	4.38E-07	2.25E-07	0.00E+00	3.44E-07	0.00E+00	0.00E+00	4.34E-07	0.00E+00	0.00E+00	4.38E-07
3160	ALL	461998.4	3773197	NonCancer	0.00E+00	7.20E-09	4.34E-07	0.00E+00	0.00E+00	4.37E-07	2.25E-07	0.00E+00	3.44E-07	0.00E+00	0.00E+00	4.34E-07	0.00E+00	0.00E+00	4.37E-07
3161	ALL	461998.5	3773207	NonCancer	0.00E+00	7.19E-09	4.33E-07	0.00E+00	0.00E+00	4.36E-07	2.24E-07	0.00E+00	3.43E-07	0.00E+00	0.00E+00	4.33E-07	0.00E+00	0.00E+00	4.36E-07
3162	ALL	461998.6	3773217	NonCancer	0.00E+00	7.20E-09	4.34E-07	0.00E+00	0.00E+00	4.37E-07	2.25E-07	0.00E+00	3.44E-07	0.00E+00	0.00E+00	4.34E-07	0.00E+00	0.00E+00	4.37E-07
3163	ALL	461998.7	3773227	NonCancer	0.00E+00	7.21E-09	4.34E-07	0.00E+00	0.00E+00	4.38E-07	2.25E-07	0.00E+00	3.44E-07	0.00E+00	0.00E+00	4.34E-07	0.00E+00	0.00E+00	4.38E-07
3164	ALL	461998.8	3773237	NonCancer	0.00E+00	7.23E-09	4.35E-07	0.00E+00	0.00E+00	4.39E-07	2.26E-07	0.00E+00	3.45E-07	0.00E+00	0.00E+00	4.35E-07	0.00E+00	0.00E+00	4.39E-07
3165	ALL	461998.9	3773247	NonCancer	0.00E+00	7.23E-09	4.35E-07	0.00E+00	0.00E+00	4.39E-07	2.25E-07	0.00E+00	3.45E-07	0.00E+00	0.00E+00	4.35E-07	0.00E+00	0.00E+00	4.39E-07
3166	ALL	461961.7	3773149	NonCancer	0.00E+00	6.87E-09	4.13E-07	0.00E+00	0.00E+00	4.17E-07	2.14E-07	0.00E+00	3.27E-07	0.00E+00	0.00E+00	4.13E-07	0.00E+00	0.00E+00	4.17E-07
3167	ALL	461965.4	3773139	NonCancer	0.00E+00	6.87E-09	4.14E-07	0.00E+00	0.00E+00	4.17E-07	2.14E-07	0.00E+00	3.28E-07	0.00E+00	0.00E+00	4.14E-07	0.00E+00	0.00E+00	4.17E-07
3168	ALL	461969.1	3773130	NonCancer	0.00E+00	6.90E-09	4.15E-07	0.00E+00	0.00E+00	4.19E-07	2.15E-07	0.00E+00	3.29E-07	0.00E+00	0.00E+00	4.15E-07	0.00E+00	0.00E+00	4.19E-07
3169	ALL	461976.5	3773112	NonCancer	0.00E+00	6.99E-09	4.21E-07	0.00E+00	0.00E+00	4.24E-07	2.18E-07	0.00E+00	3.33E-07	0.00E+00	0.00E+00	4.21E-07	0.00E+00	0.00E+00	4.24E-07
3170	ALL	461980.2	3773103	NonCancer	0.00E+00	7.05E-09	4.24E-07	0.00E+00	0.00E+00	4.28E-07	2.20E-07	0.00E+00	3.36E-07	0.00E+00	0.00E+00	4.24E-07	0.00E+00	0.00E+00	4.28E-07
3171	ALL	461983.9	3773094	NonCancer	0.00E+00	7.11E-09	4.28E-07	0.00E+00	0.00E+00	4.31E-07	2.22E-07	0.00E+00	3.39E-07	0.00E+00	0.00E+00	4.28E-07	0.00E+00	0.00E+00	4.31E-07
3172	ALL	461987.6	3773085	NonCancer	0.00E+00	7.18E-09	4.32E-07	0.00E+00	0.00E+00	4.36E-07	2.24E-07	0.00E+00	3.43E-07	0.00E+00	0.00E+00	4.32E-07	0.00E+00	0.00E+00	4.36E-07
3173	ALL	461991.3	3773076	NonCancer	0.00E+00	7.34E-09	4.42E-07	0.00E+00	0.00E+00	4.45E-07	2.29E-07	0.00E+00	3.50E-07	0.00E+00	0.00E+00	4.42E-07	0.00E+00	0.00E+00	4.45E-07
3174	ALL	461995	3773066	NonCancer	0.00E+00	7.45E-09	4.48E-07	0.00E+00	0.00E+00	4.52E-07	2.32E-07	0.00E+00	3.55E-07	0.00E+00	0.00E+00	4.48E-07	0.00E+00	0.00E+00	4.52E-07
3175	ALL	461998.7	3773057	NonCancer	0.00E+00	7.51E-09	4.52E-07	0.00E+00	0.00E+00	4.55E-07	2.34E-07	0.00E+00	3.58E-07	0.00E+00	0.00E+00	4.52E-07	0.00E+00	0.00E+00	4.55E-07
3176	ALL	462002.4	3773048	NonCancer	0.00E+00	7.49E-09	4.51E-07	0.00E+00	0.00E+00	4.54E-07	2.34E-07	0.00E+00	3.57E-07	0.00E+00	0.00E+00	4.51E-07	0.00E+00	0.00E+00	4.54E-07
3177	ALL	462006.1	3773039	NonCancer	0.00E+00	7.46E-09	4.49E-07	0.00E+00	0.00E+00	4.53E-07	2.33E-07	0.00E+00	3.56E-07	0.00E+00	0.00E+00	4.49E-07	0.00E+00	0.00E+00	4.53E-07
3178	ALL	462009.8	3773030	NonCancer	0.00E+00	7.39E-09	4.45E-07	0.00E+00	0.00E+00	4.48E-07	2.31E-07	0.00E+00	3.52E-07	0.00E+00	0.00E+00	4.45E-07	0.00E+00	0.00E+00	4.48E-07
3179	ALL	462020.9	3773003	NonCancer	0.00E+00	7.32E-09	4.41E-07	0.00E+00	0.00E+00	4.44E-07	2.28E-07	0.00E+00	3.49E-07	0.00E+00	0.00E+00	4.41E-07	0.00E+00	0.00E+00	4.44E-07
3180	ALL	462024.6	3772994	NonCancer	0.00E+00	7.32E-09	4.41E-07	0.00E+00	0.00E+00	4.44E-07	2.28E-07	0.00E+00	3.49E-07	0.00E+00	0.00E+00	4.41E-07	0.00E+00	0.00E+00	4.44E-07
3181	ALL	462028.3	3772984	NonCancer	0.00E+00	7.26E-09	4.37E-07	0.00E+00	0.00E+00	4.41E-07	2.27E-07	0.00E+00	3.46E-07	0.00E+00	0.00E+00	4.37E-07	0.00E+00	0.00E+00	4.41E-07
3182	ALL	462032	3772975	NonCancer	0.00E+00	7.20E-09	4.33E-07	0.00E+00	0.00E+00	4.37E-07	2.25E-07	0.00E+00	3.43E-07	0.00E+00	0.00E+00	4.33E-07	0.00E+00	0.00E+00	4.37E-07
3183	ALL	462035.7	3772966	NonCancer	0.00E+00	7.13E-09	4.29E-07	0.00E+00	0.00E+00	4.33E-07	2.23E-07	0.00E+00	3.40E-07	0.00E+00	0.00E+00	4.29E-07	0.00E+00	0.00E+00	4.33E-07
3184	ALL	462039.4	3772957	NonCancer	0.00E+00	7.12E-09	4.29E-07	0.00E+00	0.00E+00	4.32E-07	2.22E-07	0.00E+00	3.40E-07	0.00E+00	0.00E+00	4.29E-07	0.00E+00	0.00E+00	4.32E-07

3185	ALL	462043.1	3772948	NonCancer	0.00E+00	7.19E-09	4.33E-07	0.00E+00	0.00E+00	4.36E-07	2.24E-07	0.00E+00	3.43E-07	0.00E+00	0.00E+00	4.33E-07	0.00E+00	0.00E+00	4.36E-07
3186	ALL	462046.8	3772939	NonCancer	0.00E+00	7.31E-09	4.40E-07	0.00E+00	0.00E+00	4.44E-07	2.28E-07	0.00E+00	3.49E-07	0.00E+00	0.00E+00	4.40E-07	0.00E+00	0.00E+00	4.44E-07
3187	ALL	462057.9	3772911	NonCancer	0.00E+00	7.63E-09	4.59E-07	0.00E+00	0.00E+00	4.63E-07	2.38E-07	0.00E+00	3.64E-07	0.00E+00	0.00E+00	4.59E-07	0.00E+00	0.00E+00	4.63E-07
3188	ALL	462061.6	3772902	NonCancer	0.00E+00	7.69E-09	4.63E-07	0.00E+00	0.00E+00	4.67E-07	2.40E-07	0.00E+00	3.67E-07	0.00E+00	0.00E+00	4.63E-07	0.00E+00	0.00E+00	4.67E-07
3189	ALL	462065.3	3772893	NonCancer	0.00E+00	7.74E-09	4.66E-07	0.00E+00	0.00E+00	4.70E-07	2.41E-07	0.00E+00	3.69E-07	0.00E+00	0.00E+00	4.66E-07	0.00E+00	0.00E+00	4.70E-07
3190	ALL	462069	3772884	NonCancer	0.00E+00	7.76E-09	4.67E-07	0.00E+00	0.00E+00	4.71E-07	2.42E-07	0.00E+00	3.70E-07	0.00E+00	0.00E+00	4.67E-07	0.00E+00	0.00E+00	4.71E-07
3191	ALL	462087.5	3772839	NonCancer	0.00E+00	7.32E-09	4.41E-07	0.00E+00	0.00E+00	4.44E-07	2.28E-07	0.00E+00	3.49E-07	0.00E+00	0.00E+00	4.41E-07	0.00E+00	0.00E+00	4.44E-07
3192	ALL	462091.2	3772829	NonCancer	0.00E+00	7.27E-09	4.38E-07	0.00E+00	0.00E+00	4.41E-07	2.27E-07	0.00E+00	3.47E-07	0.00E+00	0.00E+00	4.38E-07	0.00E+00	0.00E+00	4.41E-07
3193	ALL	462094.9	3772820	NonCancer	0.00E+00	7.25E-09	4.36E-07	0.00E+00	0.00E+00	4.40E-07	2.26E-07	0.00E+00	3.46E-07	0.00E+00	0.00E+00	4.36E-07	0.00E+00	0.00E+00	4.40E-07
3194	ALL	462098.6	3772811	NonCancer	0.00E+00	7.23E-09	4.35E-07	0.00E+00	0.00E+00	4.39E-07	2.26E-07	0.00E+00	3.45E-07	0.00E+00	0.00E+00	4.35E-07	0.00E+00	0.00E+00	4.39E-07
3195	ALL	462102.3	3772802	NonCancer	0.00E+00	7.25E-09	4.37E-07	0.00E+00	0.00E+00	4.40E-07	2.26E-07	0.00E+00	3.46E-07	0.00E+00	0.00E+00	4.37E-07	0.00E+00	0.00E+00	4.40E-07
3196	ALL	462106	3772793	NonCancer	0.00E+00	7.29E-09	4.39E-07	0.00E+00	0.00E+00	4.42E-07	2.27E-07	0.00E+00	3.48E-07	0.00E+00	0.00E+00	4.39E-07	0.00E+00	0.00E+00	4.42E-07
3197	ALL	462109.7	3772784	NonCancer	0.00E+00	7.30E-09	4.39E-07	0.00E+00	0.00E+00	4.43E-07	2.28E-07	0.00E+00	3.48E-07	0.00E+00	0.00E+00	4.39E-07	0.00E+00	0.00E+00	4.43E-07
3198	ALL	462113.4	3772775	NonCancer	0.00E+00	7.26E-09	4.37E-07	0.00E+00	0.00E+00	4.40E-07	2.26E-07	0.00E+00	3.46E-07	0.00E+00	0.00E+00	4.37E-07	0.00E+00	0.00E+00	4.40E-07
3199	ALL	462117.1	3772766	NonCancer	0.00E+00	7.20E-09	4.33E-07	0.00E+00	0.00E+00	4.37E-07	2.25E-07	0.00E+00	3.43E-07	0.00E+00	0.00E+00	4.33E-07	0.00E+00	0.00E+00	4.37E-07
3200	ALL	462120.7	3772756	NonCancer	0.00E+00	7.12E-09	4.28E-07	0.00E+00	0.00E+00	4.32E-07	2.22E-07	0.00E+00	3.39E-07	0.00E+00	0.00E+00	4.28E-07	0.00E+00	0.00E+00	4.32E-07
3201	ALL	462124.4	3772747	NonCancer	0.00E+00	7.09E-09	4.27E-07	0.00E+00	0.00E+00	4.30E-07	2.21E-07	0.00E+00	3.38E-07	0.00E+00	0.00E+00	4.27E-07	0.00E+00	0.00E+00	4.30E-07
3202	ALL	462128.1	3772738	NonCancer	0.00E+00	7.08E-09	4.26E-07	0.00E+00	0.00E+00	4.30E-07	2.21E-07	0.00E+00	3.38E-07	0.00E+00	0.00E+00	4.26E-07	0.00E+00	0.00E+00	4.30E-07
3203	ALL	462131.8	3772729	NonCancer	0.00E+00	7.06E-09	4.25E-07	0.00E+00	0.00E+00	4.28E-07	2.20E-07	0.00E+00	3.37E-07	0.00E+00	0.00E+00	4.25E-07	0.00E+00	0.00E+00	4.28E-07
3204	ALL	462135.5	3772720	NonCancer	0.00E+00	7.03E-09	4.23E-07	0.00E+00	0.00E+00	4.26E-07	2.19E-07	0.00E+00	3.35E-07	0.00E+00	0.00E+00	4.23E-07	0.00E+00	0.00E+00	4.26E-07
3205	ALL	462139.2	3772711	NonCancer	0.00E+00	7.00E-09	4.21E-07	0.00E+00	0.00E+00	4.25E-07	2.18E-07	0.00E+00	3.34E-07	0.00E+00	0.00E+00	4.21E-07	0.00E+00	0.00E+00	4.25E-07
3206	ALL	462142.9	3772702	NonCancer	0.00E+00	7.11E-09	4.28E-07	0.00E+00	0.00E+00	4.31E-07	2.22E-07	0.00E+00	3.39E-07	0.00E+00	0.00E+00	4.28E-07	0.00E+00	0.00E+00	4.31E-07
3207	ALL	462146.6	3772693	NonCancer	0.00E+00	7.36E-09	4.43E-07	0.00E+00	0.00E+00	4.47E-07	2.30E-07	0.00E+00	3.51E-07	0.00E+00	0.00E+00	4.43E-07	0.00E+00	0.00E+00	4.47E-07
3208	ALL	462150.3	3772684	NonCancer	0.00E+00	7.65E-09	4.60E-07	0.00E+00	0.00E+00	4.64E-07	2.39E-07	0.00E+00	3.65E-07	0.00E+00	0.00E+00	4.60E-07	0.00E+00	0.00E+00	4.64E-07
3209	ALL	462154	3772674	NonCancer	0.00E+00	8.03E-09	4.83E-07	0.00E+00	0.00E+00	4.87E-07	2.51E-07	0.00E+00	3.83E-07	0.00E+00	0.00E+00	4.83E-07	0.00E+00	0.00E+00	4.87E-07
3210	ALL	462157.7	3772665	NonCancer	0.00E+00	8.62E-09	5.19E-07	0.00E+00	0.00E+00	5.23E-07	2.69E-07	0.00E+00	4.11E-07	0.00E+00	0.00E+00	5.19E-07	0.00E+00	0.00E+00	5.23E-07
3211	ALL	462161.4	3772656	NonCancer	0.00E+00	9.22E-09	5.55E-07	0.00E+00	0.00E+00	5.59E-07	2.88E-07	0.00E+00	4.40E-07	0.00E+00	0.00E+00	5.55E-07	0.00E+00	0.00E+00	5.59E-07
3212	ALL	462165.1	3772647	NonCancer	0.00E+00	9.80E-09	5.90E-07	0.00E+00	0.00E+00	5.94E-07	3.06E-07	0.00E+00	4.67E-07	0.00E+00	0.00E+00	5.90E-07	0.00E+00	0.00E+00	5.94E-07
3213	ALL	462168.8	3772638	NonCancer	0.00E+00	1.03E-08	6.22E-07	0.00E+00	0.00E+00	6.27E-07	3.23E-07	0.00E+00	4.93E-07	0.00E+00	0.00E+00	6.22E-07	0.00E+00	0.00E+00	6.27E-07
3214	ALL	462172.5	3772629	NonCancer	0.00E+00	1.09E-08	6.54E-07	0.00E+00	0.00E+00	6.59E-07	3.39E-07	0.00E+00	5.18E-07	0.00E+00	0.00E+00	6.54E-07	0.00E+00	0.00E+00	6.59E-07
3215	ALL	462176.2	3772620	NonCancer	0.00E+00	1.13E-08	6.81E-07	0.00E+00	0.00E+00	6.86E-07	3.53E-07	0.00E+00	5.40E-07	0.00E+00	0.00E+00	6.81E-07	0.00E+00	0.00E+00	6.86E-07
3216	ALL	462179.9	3772611	NonCancer	0.00E+00	1.17E-08	7.03E-07	0.00E+00	0.00E+00	7.08E-07	3.64E-07	0.00E+00	5.57E-07	0.00E+00	0.00E+00	7.03E-07	0.00E+00	0.00E+00	7.08E-07
3217	ALL	462183.6	3772601	NonCancer	0.00E+00	1.19E-08	7.18E-07	0.00E+00	0.00E+00	7.23E-07	3.72E-07	0.00E+00	5.69E-07	0.00E+00	0.00E+00	7.18E-07	0.00E+00	0.00E+00	7.23E-07
3218	ALL	462187.3	3772592	NonCancer	0.00E+00	1.21E-08	7.25E-07	0.00E+00	0.00E+00	7.31E-07	3.76E-07	0.00E+00	5.75E-07	0.00E+00	0.00E+00	7.25E-07	0.00E+00	0.00E+00	7.31E-07
3219	ALL	462191	3772583	NonCancer	0.00E+00	1.21E-08	7.26E-07	0.00E+00	0.00E+00	7.32E-07	3.77E-07	0.00E+00	5.75E-07	0.00E+00	0.00E+00	7.26E-07	0.00E+00	0.00E+00	7.32E-07
3220	ALL	462194.7	3772574	NonCancer	0.00E+00	1.20E-08	7.21E-07	0.00E+00	0.00E+00	7.27E-07	3.74E-07	0.00E+00	5.71E-07	0.00E+00	0.00E+00	7.21E-07	0.00E+00	0.00E+00	7.27E-07
3221	ALL	462198.4	3772565	NonCancer	0.00E+00	1.18E-08	7.10E-07	0.00E+00	0.00E+00	7.16E-07	3.68E-07	0.00E+00	5.63E-07	0.00E+00	0.00E+00	7.10E-07	0.00E+00	0.00E+00	7.16E-07
3222	ALL	462228	3772492	NonCancer	0.00E+00	8.30E-09	5.00E-07	0.00E+00	0.00E+00	5.04E-07	2.59E-07	0.00E+00	3.96E-07	0.00E+00	0.00E+00	5.00E-07	0.00E+00	0.00E+00	5.04E-07
3223	ALL	462231.7	3772483	NonCancer	0.00E+00	8.04E-09	4.84E-07	0.00E+00	0.00E+00	4.88E-07	2.51E-07	0.00E+00	3.83E-07	0.00E+00	0.00E+00	4.84E-07	0.00E+00	0.00E+00	4.88E-07
3224	ALL	462244.5	3772470	NonCancer	0.00E+00	7.95E-09	4.78E-07	0.00E+00	0.00E+00	4.82E-07	2.48E-07	0.00E+00	3.79E-07	0.00E+00	0.00E+00	4.78E-07	0.00E+00	0.00E+00	4.82E-07
3225	ALL	462298.9	3772447	NonCancer	0.00E+00	7.56E-09	4.55E-07	0.00E+00	0.00E+00	4.59E-07	2.36E-07	0.00E+00	3.61E-07	0.00E+00	0.00E+00	4.55E-07	0.00E+00	0.00E+00	4.59E-07
3226	ALL	462308	3772443	NonCancer	0.00E+00	7.55E-09	4.54E-07	0.00E+00	0.00E+00	4.58E-07	2.36E-07	0.00E+00	3.60E-07	0.00E+00	0.00E+00	4.54E-07	0.00E+00	0.00E+00	4.58E-07
3227	ALL	462317.1	3772440	NonCancer	0.00E+00	7.56E-09	4.55E-07	0.00E+00	0.00E+00	4.59E-07	2.36E-07	0.00E+00	3.61E-07	0.00E+00	0.00E+00	4.55E-07	0.00E+00	0.00E+00	4.59E-07
3228	ALL	462326.1	3772436	NonCancer	0.00E+00	7.66E-09	4.61E-07	0.00E+00	0.00E+00	4.65E-07	2.39E-07	0.00E+00	3.66E-07	0.00E+00	0.00E+00	4.61E-07	0.00E+00	0.00E+00	4.65E-07
3229	ALL	462335.2	3772432	NonCancer	0.00E+00	7.76E-09	4.67E-07	0.00E+00	0.00E+00	4.71E-07	2.42E-07	0.00E+00	3.70E-07	0.00E+00	0.00E+00	4.67E-07	0.00E+00	0.00E+00	4.71E-07
3230	ALL	462344.3	3772428	NonCancer	0.00E+00	7.88E-09	4.74E-07	0.00E+00	0.00E+00	4.78E-07	2.46E-07	0.00E+00	3.76E-07	0.00E+00	0.00E+00	4.74E-07	0.00E+00	0.00E+00	4.78E-07
3231	ALL	462353.4	3772424	NonCancer	0.00E+00	7.97E-09	4.80E-07	0.00E+00	0.00E+00	4.84E-07	2.49E-07	0.00E+00	3.80E-07	0.00E+00	0.00E+00	4.80E-07	0.00E+00	0.00E+00	4.84E-07
3232	ALL	462362.4	3772421	NonCancer	0.00E+00	8.04E-09	4.84E-07	0.00E+00	0.00E+00	4.88E-07	2.51E-07	0.00E+00	3.83E-07	0.00E+00	0.00E+00	4.84E-07	0.00E+00	0.00E+00	4.88E-07
3233	ALL	462371.5	3772417	NonCancer	0.00E+00	8.07E-09	4.85E-07	0.00E+00	0.00E+00	4.89E-07	2.52E-07	0.00E+00	3.85E-07	0.00E+00	0.00E+00	4.85E-07	0.00E+00	0.00E+00	4.89E-07
3234	ALL	462380.6	3772413	NonCancer	0.00E+00	8.06E-09	4.85E-07	0.00E+00	0.00E+00	4.89E-07	2.51E-07	0.00E+00	3.84E-07	0.00E+00	0.00E+00	4.85E-07	0.00E+00	0.00E+00	4.89E-07
3235	ALL	462389.7	3772409	NonCancer	0.00E+00	8.01E-09	4.82E-07	0.00E+00	0.00E+00	4.86E-07	2.50E-07	0.00E+00	3.82E-07	0.00E+00	0.00E+00	4.82E-07	0.00E+00	0.00E+00	4.86E-07
3236	ALL	462398.7	3772405	NonCancer	0.00E+00	7.99E-09	4.81E-07	0.00E+00	0.00E+00	4.84E-07	2.49E-07	0.00E+00	3.81E-07	0.00E+00	0.00E+00	4.81E-07	0.00E+00	0.00E+00	4.84E-07
3237	ALL	462407.8	3772402	NonCancer	0.00E+00	7.95E-09	4.79E-07	0.00E+00	0.00E+00	4.82E-07	2.48E-07	0.00E+00	3.79E-07	0.00E+00	0.00E+00	4.79E-07	0.00E+00	0.00E+00	4.82E-07
3238	ALL	462416.9	3772398	NonCancer	0.00E+00	7.92E-09	4.76E-07	0.00E+00	0.00E+00	4.80E-07	2.47E-07	0.00E+00	3.77E-07	0.00E+00	0.00E+00	4.76E-07	0.00E+00	0.00E+00	4.80E-07

3239	ALL	462426	3772394	NonCancer	0.00E+00	7.86E-09	4.73E-07	0.00E+00	0.00E+00	4.77E-07	2.45E-07	0.00E+00	3.75E-07	0.00E+00	0.00E+00	4.73E-07	0.00E+00	0.00E+00	4.77E-07
3240	ALL	462435	3772390	NonCancer	0.00E+00	7.77E-09	4.68E-07	0.00E+00	0.00E+00	4.71E-07	2.42E-07	0.00E+00	3.70E-07	0.00E+00	0.00E+00	4.68E-07	0.00E+00	0.00E+00	4.71E-07
3241	ALL	462444.1	3772386	NonCancer	0.00E+00	7.65E-09	4.61E-07	0.00E+00	0.00E+00	4.64E-07	2.39E-07	0.00E+00	3.65E-07	0.00E+00	0.00E+00	4.61E-07	0.00E+00	0.00E+00	4.64E-07
3242	ALL	462453.2	3772383	NonCancer	0.00E+00	7.51E-09	4.52E-07	0.00E+00	0.00E+00	4.56E-07	2.34E-07	0.00E+00	3.58E-07	0.00E+00	0.00E+00	4.52E-07	0.00E+00	0.00E+00	4.56E-07
3243	ALL	462462.3	3772379	NonCancer	0.00E+00	7.46E-09	4.49E-07	0.00E+00	0.00E+00	4.52E-07	2.33E-07	0.00E+00	3.56E-07	0.00E+00	0.00E+00	4.49E-07	0.00E+00	0.00E+00	4.52E-07
3244	ALL	462471.3	3772375	NonCancer	0.00E+00	7.44E-09	4.48E-07	0.00E+00	0.00E+00	4.51E-07	2.32E-07	0.00E+00	3.55E-07	0.00E+00	0.00E+00	4.48E-07	0.00E+00	0.00E+00	4.51E-07
3245	ALL	462480.4	3772371	NonCancer	0.00E+00	7.52E-09	4.52E-07	0.00E+00	0.00E+00	4.56E-07	2.35E-07	0.00E+00	3.58E-07	0.00E+00	0.00E+00	4.52E-07	0.00E+00	0.00E+00	4.56E-07
3246	ALL	462489.5	3772367	NonCancer	0.00E+00	7.71E-09	4.64E-07	0.00E+00	0.00E+00	4.68E-07	2.41E-07	0.00E+00	3.68E-07	0.00E+00	0.00E+00	4.64E-07	0.00E+00	0.00E+00	4.68E-07
3247	ALL	462498.6	3772364	NonCancer	0.00E+00	7.90E-09	4.75E-07	0.00E+00	0.00E+00	4.79E-07	2.46E-07	0.00E+00	3.77E-07	0.00E+00	0.00E+00	4.75E-07	0.00E+00	0.00E+00	4.79E-07
3248	ALL	462507.6	3772360	NonCancer	0.00E+00	8.07E-09	4.86E-07	0.00E+00	0.00E+00	4.89E-07	2.52E-07	0.00E+00	3.85E-07	0.00E+00	0.00E+00	4.86E-07	0.00E+00	0.00E+00	4.89E-07
3249	ALL	462516.7	3772356	NonCancer	0.00E+00	8.22E-09	4.95E-07	0.00E+00	0.00E+00	4.99E-07	2.56E-07	0.00E+00	3.92E-07	0.00E+00	0.00E+00	4.95E-07	0.00E+00	0.00E+00	4.99E-07
3250	ALL	462525.8	3772352	NonCancer	0.00E+00	8.35E-09	5.02E-07	0.00E+00	0.00E+00	5.06E-07	2.60E-07	0.00E+00	3.98E-07	0.00E+00	0.00E+00	5.02E-07	0.00E+00	0.00E+00	5.06E-07
3251	ALL	462534.9	3772348	NonCancer	0.00E+00	8.45E-09	5.08E-07	0.00E+00	0.00E+00	5.12E-07	2.64E-07	0.00E+00	4.03E-07	0.00E+00	0.00E+00	5.08E-07	0.00E+00	0.00E+00	5.12E-07
3252	ALL	462543.9	3772345	NonCancer	0.00E+00	8.52E-09	5.13E-07	0.00E+00	0.00E+00	5.17E-07	2.66E-07	0.00E+00	4.06E-07	0.00E+00	0.00E+00	5.13E-07	0.00E+00	0.00E+00	5.17E-07
3253	ALL	462553	3772341	NonCancer	0.00E+00	8.56E-09	5.15E-07	0.00E+00	0.00E+00	5.19E-07	2.67E-07	0.00E+00	4.08E-07	0.00E+00	0.00E+00	5.15E-07	0.00E+00	0.00E+00	5.19E-07
3254	ALL	462562.1	3772337	NonCancer	0.00E+00	8.57E-09	5.16E-07	0.00E+00	0.00E+00	5.20E-07	2.68E-07	0.00E+00	4.09E-07	0.00E+00	0.00E+00	5.16E-07	0.00E+00	0.00E+00	5.20E-07
3255	ALL	462571.2	3772333	NonCancer	0.00E+00	8.61E-09	5.18E-07	0.00E+00	0.00E+00	5.22E-07	2.69E-07	0.00E+00	4.10E-07	0.00E+00	0.00E+00	5.18E-07	0.00E+00	0.00E+00	5.22E-07
3256	ALL	462580.2	3772329	NonCancer	0.00E+00	8.65E-09	5.21E-07	0.00E+00	0.00E+00	5.25E-07	2.70E-07	0.00E+00	4.13E-07	0.00E+00	0.00E+00	5.21E-07	0.00E+00	0.00E+00	5.25E-07
3257	ALL	462589.3	3772326	NonCancer	0.00E+00	8.70E-09	5.24E-07	0.00E+00	0.00E+00	5.28E-07	2.72E-07	0.00E+00	4.15E-07	0.00E+00	0.00E+00	5.24E-07	0.00E+00	0.00E+00	5.28E-07
3258	ALL	462598.4	3772322	NonCancer	0.00E+00	8.75E-09	5.26E-07	0.00E+00	0.00E+00	5.31E-07	2.73E-07	0.00E+00	4.17E-07	0.00E+00	0.00E+00	5.26E-07	0.00E+00	0.00E+00	5.31E-07
3259	ALL	462607.5	3772318	NonCancer	0.00E+00	8.76E-09	5.27E-07	0.00E+00	0.00E+00	5.31E-07	2.73E-07	0.00E+00	4.18E-07	0.00E+00	0.00E+00	5.27E-07	0.00E+00	0.00E+00	5.31E-07
3260	ALL	462625.6	3772310	NonCancer	0.00E+00	9.02E-09	5.43E-07	0.00E+00	0.00E+00	5.47E-07	2.82E-07	0.00E+00	4.30E-07	0.00E+00	0.00E+00	5.43E-07	0.00E+00	0.00E+00	5.47E-07
3261	ALL	462634.7	3772307	NonCancer	0.00E+00	9.69E-09	5.83E-07	0.00E+00	0.00E+00	5.88E-07	3.02E-07	0.00E+00	4.62E-07	0.00E+00	0.00E+00	5.83E-07	0.00E+00	0.00E+00	5.88E-07
3262	ALL	462643.8	3772303	NonCancer	0.00E+00	1.04E-08	6.24E-07	0.00E+00	0.00E+00	6.29E-07	3.23E-07	0.00E+00	4.94E-07	0.00E+00	0.00E+00	6.24E-07	0.00E+00	0.00E+00	6.29E-07
3263	ALL	462652.8	3772299	NonCancer	0.00E+00	1.10E-08	6.64E-07	0.00E+00	0.00E+00	6.69E-07	3.44E-07	0.00E+00	5.26E-07	0.00E+00	0.00E+00	6.64E-07	0.00E+00	0.00E+00	6.69E-07
3264	ALL	462661.9	3772295	NonCancer	0.00E+00	1.17E-08	7.04E-07	0.00E+00	0.00E+00	7.09E-07	3.65E-07	0.00E+00	5.58E-07	0.00E+00	0.00E+00	7.04E-07	0.00E+00	0.00E+00	7.09E-07
3265	ALL	462671	3772291	NonCancer	0.00E+00	1.23E-08	7.41E-07	0.00E+00	0.00E+00	7.47E-07	3.84E-07	0.00E+00	5.87E-07	0.00E+00	0.00E+00	7.41E-07	0.00E+00	0.00E+00	7.47E-07
3266	ALL	462680.1	3772288	NonCancer	0.00E+00	1.29E-08	7.75E-07	0.00E+00	0.00E+00	7.81E-07	4.02E-07	0.00E+00	6.14E-07	0.00E+00	0.00E+00	7.75E-07	0.00E+00	0.00E+00	7.81E-07
3267	ALL	462689.1	3772284	NonCancer	0.00E+00	1.34E-08	8.05E-07	0.00E+00	0.00E+00	8.11E-07	4.18E-07	0.00E+00	6.38E-07	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	8.11E-07
3268	ALL	462698.2	3772280	NonCancer	0.00E+00	1.38E-08	8.30E-07	0.00E+00	0.00E+00	8.37E-07	4.31E-07	0.00E+00	6.58E-07	0.00E+00	0.00E+00	8.30E-07	0.00E+00	0.00E+00	8.37E-07
3269	ALL	462707.3	3772276	NonCancer	0.00E+00	1.41E-08	8.49E-07	0.00E+00	0.00E+00	8.56E-07	4.40E-07	0.00E+00	6.73E-07	0.00E+00	0.00E+00	8.49E-07	0.00E+00	0.00E+00	8.56E-07
3270	ALL	462716.4	3772272	NonCancer	0.00E+00	1.44E-08	8.68E-07	0.00E+00	0.00E+00	8.75E-07	4.50E-07	0.00E+00	6.88E-07	0.00E+00	0.00E+00	8.68E-07	0.00E+00	0.00E+00	8.75E-07
3271	ALL	462725.4	3772269	NonCancer	0.00E+00	1.47E-08	8.85E-07	0.00E+00	0.00E+00	8.92E-07	4.59E-07	0.00E+00	7.02E-07	0.00E+00	0.00E+00	8.85E-07	0.00E+00	0.00E+00	8.92E-07
3272	ALL	462734.5	3772265	NonCancer	0.00E+00	1.49E-08	8.97E-07	0.00E+00	0.00E+00	9.04E-07	4.65E-07	0.00E+00	7.11E-07	0.00E+00	0.00E+00	8.97E-07	0.00E+00	0.00E+00	9.04E-07
3273	ALL	462743.6	3772261	NonCancer	0.00E+00	1.50E-08	9.02E-07	0.00E+00	0.00E+00	9.09E-07	4.68E-07	0.00E+00	7.15E-07	0.00E+00	0.00E+00	9.02E-07	0.00E+00	0.00E+00	9.09E-07
3274	ALL	462752.7	3772257	NonCancer	0.00E+00	1.49E-08	8.99E-07	0.00E+00	0.00E+00	9.07E-07	4.66E-07	0.00E+00	7.13E-07	0.00E+00	0.00E+00	8.99E-07	0.00E+00	0.00E+00	9.07E-07
3275	ALL	462761.7	3772253	NonCancer	0.00E+00	1.48E-08	8.91E-07	0.00E+00	0.00E+00	8.98E-07	4.62E-07	0.00E+00	7.06E-07	0.00E+00	0.00E+00	8.91E-07	0.00E+00	0.00E+00	8.98E-07
3276	ALL	462770.8	3772250	NonCancer	0.00E+00	1.46E-08	8.77E-07	0.00E+00	0.00E+00	8.84E-07	4.55E-07	0.00E+00	6.95E-07	0.00E+00	0.00E+00	8.77E-07	0.00E+00	0.00E+00	8.84E-07
3277	ALL	462779.9	3772246	NonCancer	0.00E+00	1.43E-08	8.59E-07	0.00E+00	0.00E+00	8.66E-07	4.45E-07	0.00E+00	6.81E-07	0.00E+00	0.00E+00	8.59E-07	0.00E+00	0.00E+00	8.66E-07
3278	ALL	462789	3772242	NonCancer	0.00E+00	1.40E-08	8.44E-07	0.00E+00	0.00E+00	8.51E-07	4.38E-07	0.00E+00	6.69E-07	0.00E+00	0.00E+00	8.44E-07	0.00E+00	0.00E+00	8.51E-07
3279	ALL	462798	3772238	NonCancer	0.00E+00	1.38E-08	8.28E-07	0.00E+00	0.00E+00	8.35E-07	4.29E-07	0.00E+00	6.56E-07	0.00E+00	0.00E+00	8.28E-07	0.00E+00	0.00E+00	8.35E-07
3280	ALL	462807.1	3772234	NonCancer	0.00E+00	1.35E-08	8.11E-07	0.00E+00	0.00E+00	8.18E-07	4.20E-07	0.00E+00	6.43E-07	0.00E+00	0.00E+00	8.11E-07	0.00E+00	0.00E+00	8.18E-07
3281	ALL	462816.2	3772231	NonCancer	0.00E+00	1.32E-08	7.93E-07	0.00E+00	0.00E+00	8.00E-07	4.11E-07	0.00E+00	6.29E-07	0.00E+00	0.00E+00	7.93E-07	0.00E+00	0.00E+00	8.00E-07
3282	ALL	462825.3	3772227	NonCancer	0.00E+00	1.29E-08	7.76E-07	0.00E+00	0.00E+00	7.82E-07	4.02E-07	0.00E+00	6.15E-07	0.00E+00	0.00E+00	7.76E-07	0.00E+00	0.00E+00	7.82E-07
3283	ALL	462834.3	3772223	NonCancer	0.00E+00	1.26E-08	7.59E-07	0.00E+00	0.00E+00	7.65E-07	3.93E-07	0.00E+00	6.01E-07	0.00E+00	0.00E+00	7.59E-07	0.00E+00	0.00E+00	7.65E-07
3284	ALL	462843.4	3772219	NonCancer	0.00E+00	1.24E-08	7.48E-07	0.00E+00	0.00E+00	7.54E-07	3.88E-07	0.00E+00	5.93E-07	0.00E+00	0.00E+00	7.48E-07	0.00E+00	0.00E+00	7.54E-07
3285	ALL	462852.5	3772215	NonCancer	0.00E+00	1.25E-08	7.53E-07	0.00E+00	0.00E+00	7.59E-07	3.90E-07	0.00E+00	5.97E-07	0.00E+00	0.00E+00	7.53E-07	0.00E+00	0.00E+00	7.59E-07
3286	ALL	462861.6	3772212	NonCancer	0.00E+00	1.27E-08	7.66E-07	0.00E+00	0.00E+00	7.72E-07	3.97E-07	0.00E+00	6.07E-07	0.00E+00	0.00E+00	7.66E-07	0.00E+00	0.00E+00	7.72E-07
3287	ALL	462870.6	3772208	NonCancer	0.00E+00	1.29E-08	7.75E-07	0.00E+00	0.00E+00	7.81E-07	4.02E-07	0.00E+00	6.14E-07	0.00E+00	0.00E+00	7.75E-07	0.00E+00	0.00E+00	7.81E-07
3288	ALL	462879.7	3772204	NonCancer	0.00E+00	1.30E-08	7.81E-07	0.00E+00	0.00E+00	7.88E-07	4.05E-07	0.00E+00	6.19E-07	0.00E+00	0.00E+00	7.81E-07	0.00E+00	0.00E+00	7.88E-07
3289	ALL	462888.8	3772200	NonCancer	0.00E+00	1.30E-08	7.85E-07	0.00E+00	0.00E+00	7.91E-07	4.07E-07	0.00E+00	6.21E-07	0.00E+00	0.00E+00	7.85E-07	0.00E+00	0.00E+00	7.91E-07
3290	ALL	462897.9	3772196	NonCancer	0.00E+00	1.30E-08	7.85E-07	0.00E+00	0.00E+00	7.92E-07	4.07E-07	0.00E+00	6.22E-07	0.00E+00	0.00E+00	7.85E-07	0.00E+00	0.00E+00	7.92E-07
3291	ALL	462906.9	3772193	NonCancer	0.00E+00	1.30E-08	7.86E-07	0.00E+00	0.00E+00	7.92E-07	4.07E-07	0.00E+00	6.22E-07	0.00E+00	0.00E+00	7.86E-07	0.00E+00	0.00E+00	7.92E-07
3292	ALL	461958	3773158	NonCancer	0.00E+00	6.88E-09	4.14E-07	0.00E+00	0.00E+00	4.18E-07	2.15E-07	0.00E+00	3.28E-07	0.00E+00	0.00E+00	4.14E-07	0.00E+00	0.00E+00	4.18E-07

3293	ALL	461958.1	3773168	NonCancer	0.00E+00	6.91E-09	4.16E-07	0.00E+00	0.00E+00	4.19E-07	2.15E-07	0.00E+00	3.29E-07	0.00E+00	0.00E+00	4.16E-07	0.00E+00	0.00E+00	4.19E-07
3294	ALL	461958.2	3773178	NonCancer	0.00E+00	6.91E-09	4.16E-07	0.00E+00	0.00E+00	4.19E-07	2.16E-07	0.00E+00	3.30E-07	0.00E+00	0.00E+00	4.16E-07	0.00E+00	0.00E+00	4.19E-07
3295	ALL	461958.3	3773187	NonCancer	0.00E+00	6.90E-09	4.16E-07	0.00E+00	0.00E+00	4.19E-07	2.15E-07	0.00E+00	3.29E-07	0.00E+00	0.00E+00	4.16E-07	0.00E+00	0.00E+00	4.19E-07
3296	ALL	461958.4	3773197	NonCancer	0.00E+00	6.90E-09	4.15E-07	0.00E+00	0.00E+00	4.19E-07	2.15E-07	0.00E+00	3.29E-07	0.00E+00	0.00E+00	4.15E-07	0.00E+00	0.00E+00	4.19E-07
3297	ALL	461958.5	3773207	NonCancer	0.00E+00	6.89E-09	4.15E-07	0.00E+00	0.00E+00	4.18E-07	2.15E-07	0.00E+00	3.29E-07	0.00E+00	0.00E+00	4.15E-07	0.00E+00	0.00E+00	4.18E-07
3298	ALL	461958.6	3773217	NonCancer	0.00E+00	6.91E-09	4.16E-07	0.00E+00	0.00E+00	4.19E-07	2.16E-07	0.00E+00	3.29E-07	0.00E+00	0.00E+00	4.16E-07	0.00E+00	0.00E+00	4.19E-07
3299	ALL	461958.7	3773227	NonCancer	0.00E+00	6.93E-09	4.17E-07	0.00E+00	0.00E+00	4.20E-07	2.16E-07	0.00E+00	3.30E-07	0.00E+00	0.00E+00	4.17E-07	0.00E+00	0.00E+00	4.20E-07
3300	ALL	461958.8	3773237	NonCancer	0.00E+00	6.95E-09	4.19E-07	0.00E+00	0.00E+00	4.22E-07	2.17E-07	0.00E+00	3.32E-07	0.00E+00	0.00E+00	4.19E-07	0.00E+00	0.00E+00	4.22E-07
3301	ALL	461958.9	3773247	NonCancer	0.00E+00	6.97E-09	4.20E-07	0.00E+00	0.00E+00	4.23E-07	2.18E-07	0.00E+00	3.33E-07	0.00E+00	0.00E+00	4.20E-07	0.00E+00	0.00E+00	4.23E-07
3302	ALL	461921.8	3773149	NonCancer	0.00E+00	6.60E-09	3.98E-07	0.00E+00	0.00E+00	4.01E-07	2.06E-07	0.00E+00	3.15E-07	0.00E+00	0.00E+00	3.98E-07	0.00E+00	0.00E+00	4.01E-07
3303	ALL	461925.5	3773140	NonCancer	0.00E+00	6.61E-09	3.98E-07	0.00E+00	0.00E+00	4.01E-07	2.06E-07	0.00E+00	3.15E-07	0.00E+00	0.00E+00	3.98E-07	0.00E+00	0.00E+00	4.01E-07
3304	ALL	461929.2	3773131	NonCancer	0.00E+00	6.63E-09	3.99E-07	0.00E+00	0.00E+00	4.02E-07	2.07E-07	0.00E+00	3.16E-07	0.00E+00	0.00E+00	3.99E-07	0.00E+00	0.00E+00	4.02E-07
3305	ALL	461936.6	3773112	NonCancer	0.00E+00	6.68E-09	4.02E-07	0.00E+00	0.00E+00	4.05E-07	2.08E-07	0.00E+00	3.19E-07	0.00E+00	0.00E+00	4.02E-07	0.00E+00	0.00E+00	4.05E-07
3306	ALL	461940.3	3773103	NonCancer	0.00E+00	6.72E-09	4.04E-07	0.00E+00	0.00E+00	4.08E-07	2.10E-07	0.00E+00	3.20E-07	0.00E+00	0.00E+00	4.04E-07	0.00E+00	0.00E+00	4.08E-07
3307	ALL	461944	3773094	NonCancer	0.00E+00	6.77E-09	4.08E-07	0.00E+00	0.00E+00	4.11E-07	2.11E-07	0.00E+00	3.23E-07	0.00E+00	0.00E+00	4.08E-07	0.00E+00	0.00E+00	4.11E-07
3308	ALL	461947.7	3773085	NonCancer	0.00E+00	6.83E-09	4.11E-07	0.00E+00	0.00E+00	4.15E-07	2.13E-07	0.00E+00	3.26E-07	0.00E+00	0.00E+00	4.11E-07	0.00E+00	0.00E+00	4.15E-07
3309	ALL	461951.4	3773076	NonCancer	0.00E+00	6.92E-09	4.16E-07	0.00E+00	0.00E+00	4.20E-07	2.16E-07	0.00E+00	3.30E-07	0.00E+00	0.00E+00	4.16E-07	0.00E+00	0.00E+00	4.20E-07
3310	ALL	461955.1	3773067	NonCancer	0.00E+00	7.03E-09	4.23E-07	0.00E+00	0.00E+00	4.27E-07	2.19E-07	0.00E+00	3.35E-07	0.00E+00	0.00E+00	4.23E-07	0.00E+00	0.00E+00	4.27E-07
3311	ALL	461958.8	3773058	NonCancer	0.00E+00	7.12E-09	4.28E-07	0.00E+00	0.00E+00	4.32E-07	2.22E-07	0.00E+00	3.39E-07	0.00E+00	0.00E+00	4.28E-07	0.00E+00	0.00E+00	4.32E-07
3312	ALL	461962.5	3773048	NonCancer	0.00E+00	7.13E-09	4.29E-07	0.00E+00	0.00E+00	4.32E-07	2.22E-07	0.00E+00	3.40E-07	0.00E+00	0.00E+00	4.29E-07	0.00E+00	0.00E+00	4.32E-07
3313	ALL	461966.2	3773039	NonCancer	0.00E+00	7.10E-09	4.27E-07	0.00E+00	0.00E+00	4.31E-07	2.22E-07	0.00E+00	3.39E-07	0.00E+00	0.00E+00	4.27E-07	0.00E+00	0.00E+00	4.31E-07
3314	ALL	461969.9	3773030	NonCancer	0.00E+00	7.07E-09	4.26E-07	0.00E+00	0.00E+00	4.29E-07	2.21E-07	0.00E+00	3.37E-07	0.00E+00	0.00E+00	4.26E-07	0.00E+00	0.00E+00	4.29E-07
3315	ALL	461981	3773003	NonCancer	0.00E+00	7.02E-09	4.23E-07	0.00E+00	0.00E+00	4.26E-07	2.19E-07	0.00E+00	3.35E-07	0.00E+00	0.00E+00	4.23E-07	0.00E+00	0.00E+00	4.26E-07
3316	ALL	461984.7	3772994	NonCancer	0.00E+00	7.00E-09	4.21E-07	0.00E+00	0.00E+00	4.25E-07	2.18E-07	0.00E+00	3.34E-07	0.00E+00	0.00E+00	4.21E-07	0.00E+00	0.00E+00	4.25E-07
3317	ALL	461988.4	3772984	NonCancer	0.00E+00	6.96E-09	4.19E-07	0.00E+00	0.00E+00	4.23E-07	2.17E-07	0.00E+00	3.32E-07	0.00E+00	0.00E+00	4.19E-07	0.00E+00	0.00E+00	4.23E-07
3318	ALL	461992.1	3772975	NonCancer	0.00E+00	6.90E-09	4.15E-07	0.00E+00	0.00E+00	4.19E-07	2.15E-07	0.00E+00	3.29E-07	0.00E+00	0.00E+00	4.15E-07	0.00E+00	0.00E+00	4.19E-07
3319	ALL	461995.8	3772966	NonCancer	0.00E+00	6.84E-09	4.12E-07	0.00E+00	0.00E+00	4.15E-07	2.14E-07	0.00E+00	3.26E-07	0.00E+00	0.00E+00	4.12E-07	0.00E+00	0.00E+00	4.15E-07
3320	ALL	461999.5	3772957	NonCancer	0.00E+00	6.83E-09	4.11E-07	0.00E+00	0.00E+00	4.14E-07	2.13E-07	0.00E+00	3.26E-07	0.00E+00	0.00E+00	4.11E-07	0.00E+00	0.00E+00	4.14E-07
3321	ALL	462003.2	3772948	NonCancer	0.00E+00	6.85E-09	4.12E-07	0.00E+00	0.00E+00	4.16E-07	2.14E-07	0.00E+00	3.27E-07	0.00E+00	0.00E+00	4.12E-07	0.00E+00	0.00E+00	4.16E-07
3322	ALL	462006.9	3772939	NonCancer	0.00E+00	6.92E-09	4.17E-07	0.00E+00	0.00E+00	4.20E-07	2.16E-07	0.00E+00	3.30E-07	0.00E+00	0.00E+00	4.17E-07	0.00E+00	0.00E+00	4.20E-07
3323	ALL	462010.6	3772930	NonCancer	0.00E+00	7.04E-09	4.24E-07	0.00E+00	0.00E+00	4.27E-07	2.20E-07	0.00E+00	3.36E-07	0.00E+00	0.00E+00	4.24E-07	0.00E+00	0.00E+00	4.27E-07
3324	ALL	462014.3	3772921	NonCancer	0.00E+00	7.18E-09	4.32E-07	0.00E+00	0.00E+00	4.35E-07	2.24E-07	0.00E+00	3.42E-07	0.00E+00	0.00E+00	4.32E-07	0.00E+00	0.00E+00	4.35E-07
3325	ALL	462018	3772911	NonCancer	0.00E+00	7.30E-09	4.40E-07	0.00E+00	0.00E+00	4.43E-07	2.28E-07	0.00E+00	3.48E-07	0.00E+00	0.00E+00	4.40E-07	0.00E+00	0.00E+00	4.43E-07
3326	ALL	462021.8	3772902	NonCancer	0.00E+00	7.39E-09	4.45E-07	0.00E+00	0.00E+00	4.48E-07	2.30E-07	0.00E+00	3.52E-07	0.00E+00	0.00E+00	4.45E-07	0.00E+00	0.00E+00	4.48E-07
3327	ALL	462025.5	3772893	NonCancer	0.00E+00	7.44E-09	4.48E-07	0.00E+00	0.00E+00	4.51E-07	2.32E-07	0.00E+00	3.55E-07	0.00E+00	0.00E+00	4.48E-07	0.00E+00	0.00E+00	4.51E-07
3328	ALL	462029.2	3772884	NonCancer	0.00E+00	7.48E-09	4.50E-07	0.00E+00	0.00E+00	4.54E-07	2.33E-07	0.00E+00	3.57E-07	0.00E+00	0.00E+00	4.50E-07	0.00E+00	0.00E+00	4.54E-07
3329	ALL	462032.9	3772875	NonCancer	0.00E+00	7.48E-09	4.50E-07	0.00E+00	0.00E+00	4.54E-07	2.33E-07	0.00E+00	3.57E-07	0.00E+00	0.00E+00	4.50E-07	0.00E+00	0.00E+00	4.54E-07
3330	ALL	462047.7	3772838	NonCancer	0.00E+00	7.20E-09	4.34E-07	0.00E+00	0.00E+00	4.37E-07	2.25E-07	0.00E+00	3.44E-07	0.00E+00	0.00E+00	4.34E-07	0.00E+00	0.00E+00	4.37E-07
3331	ALL	462051.4	3772829	NonCancer	0.00E+00	7.04E-09	4.24E-07	0.00E+00	0.00E+00	4.27E-07	2.20E-07	0.00E+00	3.36E-07	0.00E+00	0.00E+00	4.24E-07	0.00E+00	0.00E+00	4.27E-07
3332	ALL	462055.1	3772820	NonCancer	0.00E+00	6.96E-09	4.19E-07	0.00E+00	0.00E+00	4.22E-07	2.17E-07	0.00E+00	3.32E-07	0.00E+00	0.00E+00	4.19E-07	0.00E+00	0.00E+00	4.22E-07
3333	ALL	462058.8	3772811	NonCancer	0.00E+00	6.94E-09	4.18E-07	0.00E+00	0.00E+00	4.21E-07	2.17E-07	0.00E+00	3.31E-07	0.00E+00	0.00E+00	4.18E-07	0.00E+00	0.00E+00	4.21E-07
3334	ALL	462062.5	3772802	NonCancer	0.00E+00	6.95E-09	4.18E-07	0.00E+00	0.00E+00	4.22E-07	2.17E-07	0.00E+00	3.32E-07	0.00E+00	0.00E+00	4.18E-07	0.00E+00	0.00E+00	4.22E-07
3335	ALL	462066.2	3772793	NonCancer	0.00E+00	6.96E-09	4.19E-07	0.00E+00	0.00E+00	4.22E-07	2.17E-07	0.00E+00	3.32E-07	0.00E+00	0.00E+00	4.19E-07	0.00E+00	0.00E+00	4.22E-07
3336	ALL	462069.9	3772784	NonCancer	0.00E+00	6.99E-09	4.21E-07	0.00E+00	0.00E+00	4.24E-07	2.18E-07	0.00E+00	3.33E-07	0.00E+00	0.00E+00	4.21E-07	0.00E+00	0.00E+00	4.24E-07
3337	ALL	462073.6	3772774	NonCancer	0.00E+00	6.98E-09	4.20E-07	0.00E+00	0.00E+00	4.23E-07	2.18E-07	0.00E+00	3.33E-07	0.00E+00	0.00E+00	4.20E-07	0.00E+00	0.00E+00	4.23E-07
3338	ALL	462077.3	3772765	NonCancer	0.00E+00	6.94E-09	4.18E-07	0.00E+00	0.00E+00	4.21E-07	2.17E-07	0.00E+00	3.31E-07	0.00E+00	0.00E+00	4.18E-07	0.00E+00	0.00E+00	4.21E-07
3339	ALL	462081	3772756	NonCancer	0.00E+00	6.89E-09	4.15E-07	0.00E+00	0.00E+00	4.18E-07	2.15E-07	0.00E+00	3.29E-07	0.00E+00	0.00E+00	4.15E-07	0.00E+00	0.00E+00	4.18E-07
3340	ALL	462084.7	3772747	NonCancer	0.00E+00	6.87E-09	4.13E-07	0.00E+00	0.00E+00	4.17E-07	2.14E-07	0.00E+00	3.28E-07	0.00E+00	0.00E+00	4.13E-07	0.00E+00	0.00E+00	4.17E-07
3341	ALL	462088.4	3772738	NonCancer	0.00E+00	6.83E-09	4.11E-07	0.00E+00	0.00E+00	4.14E-07	2.13E-07	0.00E+00	3.26E-07	0.00E+00	0.00E+00	4.11E-07	0.00E+00	0.00E+00	4.14E-07
3342	ALL	462092.1	3772729	NonCancer	0.00E+00	6.80E-09	4.10E-07	0.00E+00	0.00E+00	4.13E-07	2.12E-07	0.00E+00	3.25E-07	0.00E+00	0.00E+00	4.10E-07	0.00E+00	0.00E+00	4.13E-07
3343	ALL	462095.8	3772720	NonCancer	0.00E+00	6.77E-09	4.07E-07	0.00E+00	0.00E+00	4.10E-07	2.11E-07	0.00E+00	3.23E-07	0.00E+00	0.00E+00	4.07E-07	0.00E+00	0.00E+00	4.10E-07
3344	ALL	462099.5	3772711	NonCancer	0.00E+00	6.71E-09	4.04E-07	0.00E+00	0.00E+00	4.07E-07	2.09E-07	0.00E+00	3.20E-07	0.00E+00	0.00E+00	4.04E-07	0.00E+00	0.00E+00	4.07E-07
3345	ALL	462103.2	3772701	NonCancer	0.00E+00	6.67E-09	4.01E-07	0.00E+00	0.00E+00	4.04E-07	2.08E-07	0.00E+00	3.18E-07	0.00E+00	0.00E+00	4.01E-07	0.00E+00	0.00E+00	4.04E-07
3346	ALL	462106.9	3772692	NonCancer	0.00E+00	6.66E-09	4.01E-07	0.00E+00	0.00E+00	4.04E-07	2.08E-07	0.00E+00	3.18E-07	0.00E+00	0.00E+00	4.01E-07	0.00E+00	0.00E+00	4.04E-07

3347	ALL	462110.6	3772683	NonCancer	0.00E+00	6.76E-09	4.07E-07	0.00E+00	0.00E+00	4.10E-07	2.11E-07	0.00E+00	3.22E-07	0.00E+00	0.00E+00	4.07E-07	0.00E+00	0.00E+00	4.10E-07
3348	ALL	462114.3	3772674	NonCancer	0.00E+00	7.01E-09	4.22E-07	0.00E+00	0.00E+00	4.26E-07	2.19E-07	0.00E+00	3.34E-07	0.00E+00	0.00E+00	4.22E-07	0.00E+00	0.00E+00	4.26E-07
3349	ALL	462118	3772665	NonCancer	0.00E+00	7.27E-09	4.37E-07	0.00E+00	0.00E+00	4.41E-07	2.27E-07	0.00E+00	3.47E-07	0.00E+00	0.00E+00	4.37E-07	0.00E+00	0.00E+00	4.41E-07
3350	ALL	462121.8	3772656	NonCancer	0.00E+00	7.52E-09	4.53E-07	0.00E+00	0.00E+00	4.56E-07	2.35E-07	0.00E+00	3.59E-07	0.00E+00	0.00E+00	4.53E-07	0.00E+00	0.00E+00	4.56E-07
3351	ALL	462125.5	3772647	NonCancer	0.00E+00	8.01E-09	4.82E-07	0.00E+00	0.00E+00	4.86E-07	2.50E-07	0.00E+00	3.82E-07	0.00E+00	0.00E+00	4.82E-07	0.00E+00	0.00E+00	4.86E-07
3352	ALL	462129.2	3772637	NonCancer	0.00E+00	8.57E-09	5.16E-07	0.00E+00	0.00E+00	5.20E-07	2.67E-07	0.00E+00	4.09E-07	0.00E+00	0.00E+00	5.16E-07	0.00E+00	0.00E+00	5.20E-07
3353	ALL	462132.9	3772628	NonCancer	0.00E+00	9.15E-09	5.50E-07	0.00E+00	0.00E+00	5.55E-07	2.85E-07	0.00E+00	4.36E-07	0.00E+00	0.00E+00	5.50E-07	0.00E+00	0.00E+00	5.55E-07
3354	ALL	462136.6	3772619	NonCancer	0.00E+00	9.70E-09	5.84E-07	0.00E+00	0.00E+00	5.88E-07	3.03E-07	0.00E+00	4.63E-07	0.00E+00	0.00E+00	5.84E-07	0.00E+00	0.00E+00	5.88E-07
3355	ALL	462140.3	3772610	NonCancer	0.00E+00	1.02E-08	6.14E-07	0.00E+00	0.00E+00	6.19E-07	3.18E-07	0.00E+00	4.87E-07	0.00E+00	0.00E+00	6.14E-07	0.00E+00	0.00E+00	6.19E-07
3356	ALL	462144	3772601	NonCancer	0.00E+00	1.06E-08	6.39E-07	0.00E+00	0.00E+00	6.44E-07	3.32E-07	0.00E+00	5.07E-07	0.00E+00	0.00E+00	6.39E-07	0.00E+00	0.00E+00	6.44E-07
3357	ALL	462147.7	3772592	NonCancer	0.00E+00	1.10E-08	6.59E-07	0.00E+00	0.00E+00	6.65E-07	3.42E-07	0.00E+00	5.23E-07	0.00E+00	0.00E+00	6.59E-07	0.00E+00	0.00E+00	6.65E-07
3358	ALL	462151.4	3772583	NonCancer	0.00E+00	1.12E-08	6.74E-07	0.00E+00	0.00E+00	6.80E-07	3.50E-07	0.00E+00	5.34E-07	0.00E+00	0.00E+00	6.74E-07	0.00E+00	0.00E+00	6.80E-07
3359	ALL	462155.1	3772574	NonCancer	0.00E+00	1.14E-08	6.84E-07	0.00E+00	0.00E+00	6.89E-07	3.55E-07	0.00E+00	5.42E-07	0.00E+00	0.00E+00	6.84E-07	0.00E+00	0.00E+00	6.89E-07
3360	ALL	462158.8	3772564	NonCancer	0.00E+00	1.15E-08	6.89E-07	0.00E+00	0.00E+00	6.95E-07	3.57E-07	0.00E+00	5.46E-07	0.00E+00	0.00E+00	6.89E-07	0.00E+00	0.00E+00	6.95E-07
3361	ALL	462162.5	3772555	NonCancer	0.00E+00	1.14E-08	6.89E-07	0.00E+00	0.00E+00	6.94E-07	3.57E-07	0.00E+00	5.46E-07	0.00E+00	0.00E+00	6.89E-07	0.00E+00	0.00E+00	6.94E-07
3362	ALL	462166.2	3772546	NonCancer	0.00E+00	1.13E-08	6.82E-07	0.00E+00	0.00E+00	6.88E-07	3.54E-07	0.00E+00	5.41E-07	0.00E+00	0.00E+00	6.82E-07	0.00E+00	0.00E+00	6.88E-07
3363	ALL	462169.9	3772537	NonCancer	0.00E+00	1.11E-08	6.68E-07	0.00E+00	0.00E+00	6.73E-07	3.46E-07	0.00E+00	5.29E-07	0.00E+00	0.00E+00	6.68E-07	0.00E+00	0.00E+00	6.73E-07
3364	ALL	462173.6	3772528	NonCancer	0.00E+00	1.08E-08	6.49E-07	0.00E+00	0.00E+00	6.54E-07	3.37E-07	0.00E+00	5.14E-07	0.00E+00	0.00E+00	6.49E-07	0.00E+00	0.00E+00	6.54E-07
3365	ALL	462177.3	3772519	NonCancer	0.00E+00	1.04E-08	6.26E-07	0.00E+00	0.00E+00	6.31E-07	3.25E-07	0.00E+00	4.96E-07	0.00E+00	0.00E+00	6.26E-07	0.00E+00	0.00E+00	6.31E-07
3366	ALL	462181	3772510	NonCancer	0.00E+00	9.97E-09	6.00E-07	0.00E+00	0.00E+00	6.05E-07	3.11E-07	0.00E+00	4.76E-07	0.00E+00	0.00E+00	6.00E-07	0.00E+00	0.00E+00	6.05E-07
3367	ALL	462184.7	3772501	NonCancer	0.00E+00	9.50E-09	5.72E-07	0.00E+00	0.00E+00	5.76E-07	2.96E-07	0.00E+00	4.53E-07	0.00E+00	0.00E+00	5.72E-07	0.00E+00	0.00E+00	5.76E-07
3368	ALL	462188.4	3772491	NonCancer	0.00E+00	8.99E-09	5.41E-07	0.00E+00	0.00E+00	5.46E-07	2.81E-07	0.00E+00	4.29E-07	0.00E+00	0.00E+00	5.41E-07	0.00E+00	0.00E+00	5.46E-07
3369	ALL	462192.1	3772482	NonCancer	0.00E+00	8.45E-09	5.09E-07	0.00E+00	0.00E+00	5.13E-07	2.64E-07	0.00E+00	4.03E-07	0.00E+00	0.00E+00	5.09E-07	0.00E+00	0.00E+00	5.13E-07
3370	ALL	462195.8	3772473	NonCancer	0.00E+00	7.99E-09	4.81E-07	0.00E+00	0.00E+00	4.85E-07	2.49E-07	0.00E+00	3.81E-07	0.00E+00	0.00E+00	4.81E-07	0.00E+00	0.00E+00	4.85E-07
3371	ALL	462225.1	3772438	NonCancer	0.00E+00	7.48E-09	4.50E-07	0.00E+00	0.00E+00	4.54E-07	2.33E-07	0.00E+00	3.57E-07	0.00E+00	0.00E+00	4.50E-07	0.00E+00	0.00E+00	4.54E-07
3372	ALL	462234.2	3772434	NonCancer	0.00E+00	7.44E-09	4.48E-07	0.00E+00	0.00E+00	4.51E-07	2.32E-07	0.00E+00	3.55E-07	0.00E+00	0.00E+00	4.48E-07	0.00E+00	0.00E+00	4.51E-07
3373	ALL	462243.3	3772430	NonCancer	0.00E+00	7.38E-09	4.44E-07	0.00E+00	0.00E+00	4.48E-07	2.30E-07	0.00E+00	3.52E-07	0.00E+00	0.00E+00	4.44E-07	0.00E+00	0.00E+00	4.48E-07
3374	ALL	462252.4	3772427	NonCancer	0.00E+00	7.29E-09	4.38E-07	0.00E+00	0.00E+00	4.42E-07	2.27E-07	0.00E+00	3.47E-07	0.00E+00	0.00E+00	4.38E-07	0.00E+00	0.00E+00	4.42E-07
3375	ALL	462261.5	3772423	NonCancer	0.00E+00	7.17E-09	4.32E-07	0.00E+00	0.00E+00	4.35E-07	2.24E-07	0.00E+00	3.42E-07	0.00E+00	0.00E+00	4.32E-07	0.00E+00	0.00E+00	4.35E-07
3376	ALL	462270.6	3772419	NonCancer	0.00E+00	7.16E-09	4.31E-07	0.00E+00	0.00E+00	4.34E-07	2.23E-07	0.00E+00	3.41E-07	0.00E+00	0.00E+00	4.31E-07	0.00E+00	0.00E+00	4.34E-07
3377	ALL	462279.7	3772415	NonCancer	0.00E+00	7.17E-09	4.32E-07	0.00E+00	0.00E+00	4.35E-07	2.24E-07	0.00E+00	3.42E-07	0.00E+00	0.00E+00	4.32E-07	0.00E+00	0.00E+00	4.35E-07
3378	ALL	462288.7	3772411	NonCancer	0.00E+00	7.17E-09	4.32E-07	0.00E+00	0.00E+00	4.35E-07	2.24E-07	0.00E+00	3.42E-07	0.00E+00	0.00E+00	4.32E-07	0.00E+00	0.00E+00	4.35E-07
3379	ALL	462297.8	3772408	NonCancer	0.00E+00	7.26E-09	4.37E-07	0.00E+00	0.00E+00	4.41E-07	2.27E-07	0.00E+00	3.46E-07	0.00E+00	0.00E+00	4.37E-07	0.00E+00	0.00E+00	4.41E-07
3380	ALL	462306.9	3772404	NonCancer	0.00E+00	7.34E-09	4.42E-07	0.00E+00	0.00E+00	4.45E-07	2.29E-07	0.00E+00	3.50E-07	0.00E+00	0.00E+00	4.42E-07	0.00E+00	0.00E+00	4.45E-07
3381	ALL	462316	3772400	NonCancer	0.00E+00	7.46E-09	4.49E-07	0.00E+00	0.00E+00	4.53E-07	2.33E-07	0.00E+00	3.56E-07	0.00E+00	0.00E+00	4.49E-07	0.00E+00	0.00E+00	4.53E-07
3382	ALL	462325.1	3772396	NonCancer	0.00E+00	7.55E-09	4.55E-07	0.00E+00	0.00E+00	4.58E-07	2.36E-07	0.00E+00	3.60E-07	0.00E+00	0.00E+00	4.55E-07	0.00E+00	0.00E+00	4.58E-07
3383	ALL	462334.2	3772392	NonCancer	0.00E+00	7.62E-09	4.58E-07	0.00E+00	0.00E+00	4.62E-07	2.38E-07	0.00E+00	3.63E-07	0.00E+00	0.00E+00	4.58E-07	0.00E+00	0.00E+00	4.62E-07
3384	ALL	462343.3	3772389	NonCancer	0.00E+00	7.65E-09	4.60E-07	0.00E+00	0.00E+00	4.64E-07	2.39E-07	0.00E+00	3.65E-07	0.00E+00	0.00E+00	4.60E-07	0.00E+00	0.00E+00	4.64E-07
3385	ALL	462352.4	3772385	NonCancer	0.00E+00	7.65E-09	4.61E-07	0.00E+00	0.00E+00	4.64E-07	2.39E-07	0.00E+00	3.65E-07	0.00E+00	0.00E+00	4.61E-07	0.00E+00	0.00E+00	4.64E-07
3386	ALL	462361.5	3772381	NonCancer	0.00E+00	7.62E-09	4.59E-07	0.00E+00	0.00E+00	4.62E-07	2.38E-07	0.00E+00	3.64E-07	0.00E+00	0.00E+00	4.59E-07	0.00E+00	0.00E+00	4.62E-07
3387	ALL	462370.5	3772377	NonCancer	0.00E+00	7.61E-09	4.58E-07	0.00E+00	0.00E+00	4.61E-07	2.37E-07	0.00E+00	3.63E-07	0.00E+00	0.00E+00	4.58E-07	0.00E+00	0.00E+00	4.61E-07
3388	ALL	462379.6	3772373	NonCancer	0.00E+00	7.60E-09	4.57E-07	0.00E+00	0.00E+00	4.61E-07	2.37E-07	0.00E+00	3.63E-07	0.00E+00	0.00E+00	4.57E-07	0.00E+00	0.00E+00	4.61E-07
3389	ALL	462388.7	3772370	NonCancer	0.00E+00	7.59E-09	4.57E-07	0.00E+00	0.00E+00	4.60E-07	2.37E-07	0.00E+00	3.62E-07	0.00E+00	0.00E+00	4.57E-07	0.00E+00	0.00E+00	4.60E-07
3390	ALL	462397.8	3772366	NonCancer	0.00E+00	7.55E-09	4.54E-07	0.00E+00	0.00E+00	4.58E-07	2.36E-07	0.00E+00	3.60E-07	0.00E+00	0.00E+00	4.54E-07	0.00E+00	0.00E+00	4.58E-07
3391	ALL	462406.9	3772362	NonCancer	0.00E+00	7.48E-09	4.50E-07	0.00E+00	0.00E+00	4.54E-07	2.33E-07	0.00E+00	3.57E-07	0.00E+00	0.00E+00	4.50E-07	0.00E+00	0.00E+00	4.54E-07
3392	ALL	462416	3772358	NonCancer	0.00E+00	7.39E-09	4.45E-07	0.00E+00	0.00E+00	4.48E-07	2.30E-07	0.00E+00	3.52E-07	0.00E+00	0.00E+00	4.45E-07	0.00E+00	0.00E+00	4.48E-07
3393	ALL	462425.1	3772354	NonCancer	0.00E+00	7.27E-09	4.37E-07	0.00E+00	0.00E+00	4.41E-07	2.27E-07	0.00E+00	3.47E-07	0.00E+00	0.00E+00	4.37E-07	0.00E+00	0.00E+00	4.41E-07
3394	ALL	462434.2	3772351	NonCancer	0.00E+00	7.17E-09	4.31E-07	0.00E+00	0.00E+00	4.35E-07	2.24E-07	0.00E+00	3.42E-07	0.00E+00	0.00E+00	4.31E-07	0.00E+00	0.00E+00	4.35E-07
3395	ALL	462443.3	3772347	NonCancer	0.00E+00	7.13E-09	4.29E-07	0.00E+00	0.00E+00	4.33E-07	2.22E-07	0.00E+00	3.40E-07	0.00E+00	0.00E+00	4.29E-07	0.00E+00	0.00E+00	4.33E-07
3396	ALL	462452.4	3772343	NonCancer	0.00E+00	7.14E-09	4.30E-07	0.00E+00	0.00E+00	4.33E-07	2.23E-07	0.00E+00	3.40E-07	0.00E+00	0.00E+00	4.30E-07	0.00E+00	0.00E+00	4.33E-07
3397	ALL	462461.4	3772339	NonCancer	0.00E+00	7.18E-09	4.32E-07	0.00E+00	0.00E+00	4.36E-07	2.24E-07	0.00E+00	3.43E-07	0.00E+00	0.00E+00	4.32E-07	0.00E+00	0.00E+00	4.36E-07
3398	ALL	462470.5	3772335	NonCancer	0.00E+00	7.35E-09	4.42E-07	0.00E+00	0.00E+00	4.46E-07	2.29E-07	0.00E+00	3.51E-07	0.00E+00	0.00E+00	4.42E-07	0.00E+00	0.00E+00	4.46E-07
3399	ALL	462479.6	3772332	NonCancer	0.00E+00	7.52E-09	4.53E-07	0.00E+00	0.00E+00	4.56E-07	2.35E-07	0.00E+00	3.59E-07	0.00E+00	0.00E+00	4.53E-07	0.00E+00	0.00E+00	4.56E-07
3400	ALL	462488.7	3772328	NonCancer	0.00E+00	7.67E-09	4.62E-07	0.00E+00	0.00E+00	4.65E-07	2.39E-07	0.00E+00	3.66E-07	0.00E+00	0.00E+00	4.62E-07	0.00E+00	0.00E+00	4.65E-07

3401	ALL	462497.8	3772324	NonCancer	0.00E+00	7.81E-09	4.70E-07	0.00E+00	0.00E+00	4.74E-07	2.44E-07	0.00E+00	3.72E-07	0.00E+00	0.00E+00	4.70E-07	0.00E+00	0.00E+00	4.74E-07
3402	ALL	462506.9	3772320	NonCancer	0.00E+00	7.92E-09	4.77E-07	0.00E+00	0.00E+00	4.80E-07	2.47E-07	0.00E+00	3.78E-07	0.00E+00	0.00E+00	4.77E-07	0.00E+00	0.00E+00	4.80E-07
3403	ALL	462516	3772316	NonCancer	0.00E+00	8.01E-09	4.82E-07	0.00E+00	0.00E+00	4.86E-07	2.50E-07	0.00E+00	3.82E-07	0.00E+00	0.00E+00	4.82E-07	0.00E+00	0.00E+00	4.86E-07
3404	ALL	462525.1	3772313	NonCancer	0.00E+00	8.07E-09	4.86E-07	0.00E+00	0.00E+00	4.89E-07	2.52E-07	0.00E+00	3.85E-07	0.00E+00	0.00E+00	4.86E-07	0.00E+00	0.00E+00	4.89E-07
3405	ALL	462534.2	3772309	NonCancer	0.00E+00	8.11E-09	4.88E-07	0.00E+00	0.00E+00	4.92E-07	2.53E-07	0.00E+00	3.87E-07	0.00E+00	0.00E+00	4.88E-07	0.00E+00	0.00E+00	4.92E-07
3406	ALL	462543.2	3772305	NonCancer	0.00E+00	8.16E-09	4.91E-07	0.00E+00	0.00E+00	4.95E-07	2.54E-07	0.00E+00	3.89E-07	0.00E+00	0.00E+00	4.91E-07	0.00E+00	0.00E+00	4.95E-07
3407	ALL	462552.3	3772301	NonCancer	0.00E+00	8.21E-09	4.94E-07	0.00E+00	0.00E+00	4.98E-07	2.56E-07	0.00E+00	3.91E-07	0.00E+00	0.00E+00	4.94E-07	0.00E+00	0.00E+00	4.98E-07
3408	ALL	462561.4	3772297	NonCancer	0.00E+00	8.23E-09	4.96E-07	0.00E+00	0.00E+00	5.00E-07	2.57E-07	0.00E+00	3.93E-07	0.00E+00	0.00E+00	4.96E-07	0.00E+00	0.00E+00	5.00E-07
3409	ALL	462570.5	3772293	NonCancer	0.00E+00	8.28E-09	4.99E-07	0.00E+00	0.00E+00	5.03E-07	2.59E-07	0.00E+00	3.95E-07	0.00E+00	0.00E+00	4.99E-07	0.00E+00	0.00E+00	5.03E-07
3410	ALL	462579.6	3772290	NonCancer	0.00E+00	8.33E-09	5.01E-07	0.00E+00	0.00E+00	5.05E-07	2.60E-07	0.00E+00	3.97E-07	0.00E+00	0.00E+00	5.01E-07	0.00E+00	0.00E+00	5.05E-07
3411	ALL	462588.7	3772286	NonCancer	0.00E+00	8.35E-09	5.02E-07	0.00E+00	0.00E+00	5.06E-07	2.60E-07	0.00E+00	3.98E-07	0.00E+00	0.00E+00	5.02E-07	0.00E+00	0.00E+00	5.06E-07
3412	ALL	462597.8	3772282	NonCancer	0.00E+00	8.36E-09	5.03E-07	0.00E+00	0.00E+00	5.07E-07	2.61E-07	0.00E+00	3.99E-07	0.00E+00	0.00E+00	5.03E-07	0.00E+00	0.00E+00	5.07E-07
3413	ALL	462606.9	3772278	NonCancer	0.00E+00	8.37E-09	5.04E-07	0.00E+00	0.00E+00	5.08E-07	2.61E-07	0.00E+00	3.99E-07	0.00E+00	0.00E+00	5.04E-07	0.00E+00	0.00E+00	5.08E-07
3414	ALL	462625.1	3772271	NonCancer	0.00E+00	9.48E-09	5.71E-07	0.00E+00	0.00E+00	5.75E-07	2.96E-07	0.00E+00	4.52E-07	0.00E+00	0.00E+00	5.71E-07	0.00E+00	0.00E+00	5.75E-07
3415	ALL	462634.1	3772267	NonCancer	0.00E+00	1.01E-08	6.08E-07	0.00E+00	0.00E+00	6.13E-07	3.15E-07	0.00E+00	4.82E-07	0.00E+00	0.00E+00	6.08E-07	0.00E+00	0.00E+00	6.13E-07
3416	ALL	462643.2	3772263	NonCancer	0.00E+00	1.07E-08	6.45E-07	0.00E+00	0.00E+00	6.50E-07	3.34E-07	0.00E+00	5.11E-07	0.00E+00	0.00E+00	6.45E-07	0.00E+00	0.00E+00	6.50E-07
3417	ALL	462652.3	3772259	NonCancer	0.00E+00	1.13E-08	6.80E-07	0.00E+00	0.00E+00	6.86E-07	3.53E-07	0.00E+00	5.39E-07	0.00E+00	0.00E+00	6.80E-07	0.00E+00	0.00E+00	6.86E-07
3418	ALL	462661.4	3772255	NonCancer	0.00E+00	1.19E-08	7.14E-07	0.00E+00	0.00E+00	7.19E-07	3.70E-07	0.00E+00	5.66E-07	0.00E+00	0.00E+00	7.14E-07	0.00E+00	0.00E+00	7.19E-07
3419	ALL	462670.5	3772252	NonCancer	0.00E+00	1.24E-08	7.44E-07	0.00E+00	0.00E+00	7.50E-07	3.86E-07	0.00E+00	5.90E-07	0.00E+00	0.00E+00	7.44E-07	0.00E+00	0.00E+00	7.50E-07
3420	ALL	462679.6	3772248	NonCancer	0.00E+00	1.28E-08	7.70E-07	0.00E+00	0.00E+00	7.76E-07	4.00E-07	0.00E+00	6.11E-07	0.00E+00	0.00E+00	7.70E-07	0.00E+00	0.00E+00	7.76E-07
3421	ALL	462688.7	3772244	NonCancer	0.00E+00	1.32E-08	7.92E-07	0.00E+00	0.00E+00	7.98E-07	4.11E-07	0.00E+00	6.28E-07	0.00E+00	0.00E+00	7.92E-07	0.00E+00	0.00E+00	7.98E-07
3422	ALL	462697.8	3772240	NonCancer	0.00E+00	1.34E-08	8.08E-07	0.00E+00	0.00E+00	8.15E-07	4.19E-07	0.00E+00	6.41E-07	0.00E+00	0.00E+00	8.08E-07	0.00E+00	0.00E+00	8.15E-07
3423	ALL	462706.9	3772236	NonCancer	0.00E+00	1.37E-08	8.27E-07	0.00E+00	0.00E+00	8.33E-07	4.29E-07	0.00E+00	6.55E-07	0.00E+00	0.00E+00	8.27E-07	0.00E+00	0.00E+00	8.33E-07
3424	ALL	462715.9	3772233	NonCancer	0.00E+00	1.40E-08	8.42E-07	0.00E+00	0.00E+00	8.49E-07	4.37E-07	0.00E+00	6.68E-07	0.00E+00	0.00E+00	8.42E-07	0.00E+00	0.00E+00	8.49E-07
3425	ALL	462725	3772229	NonCancer	0.00E+00	1.42E-08	8.52E-07	0.00E+00	0.00E+00	8.59E-07	4.42E-07	0.00E+00	6.76E-07	0.00E+00	0.00E+00	8.52E-07	0.00E+00	0.00E+00	8.59E-07
3426	ALL	462734.1	3772225	NonCancer	0.00E+00	1.42E-08	8.56E-07	0.00E+00	0.00E+00	8.63E-07	4.44E-07	0.00E+00	6.78E-07	0.00E+00	0.00E+00	8.56E-07	0.00E+00	0.00E+00	8.63E-07
3427	ALL	462743.2	3772221	NonCancer	0.00E+00	1.42E-08	8.53E-07	0.00E+00	0.00E+00	8.60E-07	4.43E-07	0.00E+00	6.76E-07	0.00E+00	0.00E+00	8.53E-07	0.00E+00	0.00E+00	8.60E-07
3428	ALL	462752.3	3772217	NonCancer	0.00E+00	1.40E-08	8.45E-07	0.00E+00	0.00E+00	8.52E-07	4.38E-07	0.00E+00	6.70E-07	0.00E+00	0.00E+00	8.45E-07	0.00E+00	0.00E+00	8.52E-07
3429	ALL	462761.4	3772214	NonCancer	0.00E+00	1.38E-08	8.32E-07	0.00E+00	0.00E+00	8.38E-07	4.31E-07	0.00E+00	6.59E-07	0.00E+00	0.00E+00	8.32E-07	0.00E+00	0.00E+00	8.38E-07
3430	ALL	462770.5	3772210	NonCancer	0.00E+00	1.36E-08	8.19E-07	0.00E+00	0.00E+00	8.25E-07	4.25E-07	0.00E+00	6.49E-07	0.00E+00	0.00E+00	8.19E-07	0.00E+00	0.00E+00	8.25E-07
3431	ALL	462779.6	3772206	NonCancer	0.00E+00	1.34E-08	8.06E-07	0.00E+00	0.00E+00	8.13E-07	4.18E-07	0.00E+00	6.39E-07	0.00E+00	0.00E+00	8.06E-07	0.00E+00	0.00E+00	8.13E-07
3432	ALL	462788.7	3772202	NonCancer	0.00E+00	1.32E-08	7.93E-07	0.00E+00	0.00E+00	7.99E-07	4.11E-07	0.00E+00	6.28E-07	0.00E+00	0.00E+00	7.93E-07	0.00E+00	0.00E+00	7.99E-07
3433	ALL	462797.8	3772198	NonCancer	0.00E+00	1.29E-08	7.78E-07	0.00E+00	0.00E+00	7.84E-07	4.03E-07	0.00E+00	6.16E-07	0.00E+00	0.00E+00	7.78E-07	0.00E+00	0.00E+00	7.84E-07
3434	ALL	462806.8	3772195	NonCancer	0.00E+00	1.27E-08	7.62E-07	0.00E+00	0.00E+00	7.68E-07	3.95E-07	0.00E+00	6.04E-07	0.00E+00	0.00E+00	7.62E-07	0.00E+00	0.00E+00	7.68E-07
3435	ALL	462815.9	3772191	NonCancer	0.00E+00	1.24E-08	7.47E-07	0.00E+00	0.00E+00	7.52E-07	3.87E-07	0.00E+00	5.91E-07	0.00E+00	0.00E+00	7.47E-07	0.00E+00	0.00E+00	7.52E-07
3436	ALL	462825	3772187	NonCancer	0.00E+00	1.22E-08	7.31E-07	0.00E+00	0.00E+00	7.37E-07	3.79E-07	0.00E+00	5.79E-07	0.00E+00	0.00E+00	7.31E-07	0.00E+00	0.00E+00	7.37E-07
3437	ALL	462834.1	3772183	NonCancer	0.00E+00	1.20E-08	7.21E-07	0.00E+00	0.00E+00	7.26E-07	3.73E-07	0.00E+00	5.71E-07	0.00E+00	0.00E+00	7.21E-07	0.00E+00	0.00E+00	7.26E-07
3438	ALL	462843.2	3772179	NonCancer	0.00E+00	1.20E-08	7.24E-07	0.00E+00	0.00E+00	7.29E-07	3.75E-07	0.00E+00	5.73E-07	0.00E+00	0.00E+00	7.24E-07	0.00E+00	0.00E+00	7.29E-07
3439	ALL	462852.3	3772175	NonCancer	0.00E+00	1.22E-08	7.36E-07	0.00E+00	0.00E+00	7.42E-07	3.81E-07	0.00E+00	5.83E-07	0.00E+00	0.00E+00	7.36E-07	0.00E+00	0.00E+00	7.42E-07
3440	ALL	462861.4	3772172	NonCancer	0.00E+00	1.24E-08	7.46E-07	0.00E+00	0.00E+00	7.52E-07	3.86E-07	0.00E+00	5.91E-07	0.00E+00	0.00E+00	7.46E-07	0.00E+00	0.00E+00	7.52E-07
3441	ALL	462870.5	3772168	NonCancer	0.00E+00	1.25E-08	7.53E-07	0.00E+00	0.00E+00	7.59E-07	3.90E-07	0.00E+00	5.96E-07	0.00E+00	0.00E+00	7.53E-07	0.00E+00	0.00E+00	7.59E-07
3442	ALL	462879.6	3772164	NonCancer	0.00E+00	1.26E-08	7.57E-07	0.00E+00	0.00E+00	7.63E-07	3.92E-07	0.00E+00	5.99E-07	0.00E+00	0.00E+00	7.57E-07	0.00E+00	0.00E+00	7.63E-07
3443	ALL	462888.6	3772160	NonCancer	0.00E+00	1.26E-08	7.58E-07	0.00E+00	0.00E+00	7.64E-07	3.93E-07	0.00E+00	6.00E-07	0.00E+00	0.00E+00	7.58E-07	0.00E+00	0.00E+00	7.64E-07
3444	ALL	462897.7	3772156	NonCancer	0.00E+00	1.26E-08	7.58E-07	0.00E+00	0.00E+00	7.64E-07	3.93E-07	0.00E+00	6.00E-07	0.00E+00	0.00E+00	7.58E-07	0.00E+00	0.00E+00	7.64E-07
3445	ALL	462906.8	3772153	NonCancer	0.00E+00	1.26E-08	7.59E-07	0.00E+00	0.00E+00	7.65E-07	3.93E-07	0.00E+00	6.01E-07	0.00E+00	0.00E+00	7.59E-07	0.00E+00	0.00E+00	7.65E-07
3446	ALL	461918	3773158	NonCancer	0.00E+00	6.61E-09	3.98E-07	0.00E+00	0.00E+00	4.01E-07	2.06E-07	0.00E+00	3.15E-07	0.00E+00	0.00E+00	3.98E-07	0.00E+00	0.00E+00	4.01E-07
3447	ALL	461918.1	3773168	NonCancer	0.00E+00	6.64E-09	3.99E-07	0.00E+00	0.00E+00	4.03E-07	2.07E-07	0.00E+00	3.16E-07	0.00E+00	0.00E+00	3.99E-07	0.00E+00	0.00E+00	4.03E-07
3448	ALL	461918.2	3773178	NonCancer	0.00E+00	6.64E-09	4.00E-07	0.00E+00	0.00E+00	4.03E-07	2.07E-07	0.00E+00	3.17E-07	0.00E+00	0.00E+00	4.00E-07	0.00E+00	0.00E+00	4.03E-07
3449	ALL	461918.3	3773188	NonCancer	0.00E+00	6.63E-09	3.99E-07	0.00E+00	0.00E+00	4.02E-07	2.07E-07	0.00E+00	3.16E-07	0.00E+00	0.00E+00	3.99E-07	0.00E+00	0.00E+00	4.02E-07
3450	ALL	461918.4	3773198	NonCancer	0.00E+00	6.62E-09	3.98E-07	0.00E+00	0.00E+00	4.02E-07	2.06E-07	0.00E+00	3.16E-07	0.00E+00	0.00E+00	3.98E-07	0.00E+00	0.00E+00	4.02E-07
3451	ALL	461918.5	3773208	NonCancer	0.00E+00	6.61E-09	3.98E-07	0.00E+00	0.00E+00	4.01E-07	2.06E-07	0.00E+00	3.15E-07	0.00E+00	0.00E+00	3.98E-07	0.00E+00	0.00E+00	4.01E-07
3452	ALL	461918.6	3773218	NonCancer	0.00E+00	6.63E-09	3.99E-07	0.00E+00	0.00E+00	4.02E-07	2.07E-07	0.00E+00	3.16E-07	0.00E+00	0.00E+00	3.99E-07	0.00E+00	0.00E+00	4.02E-07
3453	ALL	461918.7	3773228	NonCancer	0.00E+00	6.65E-09	4.00E-07	0.00E+00	0.00E+00	4.04E-07	2.08E-07	0.00E+00	3.17E-07	0.00E+00	0.00E+00	4.00E-07	0.00E+00	0.00E+00	4.04E-07
3454	ALL	461918.8	3773238	NonCancer	0.00E+00	6.69E-09	4.03E-07	0.00E+00	0.00E+00	4.06E-07	2.09E-07	0.00E+00	3.19E-07	0.00E+00	0.00E+00	4.03E-07	0.00E+00	0.00E+00	4.06E-07

3455	ALL	461918.9	3773248	NonCancer	0.00E+00	6.71E-09	4.04E-07	0.00E+00	0.00E+00	4.07E-07	2.09E-07	0.00E+00	3.20E-07	0.00E+00	0.00E+00	4.04E-07	0.00E+00	0.00E+00	4.07E-07
3456	ALL	462917.5	3773288	NonCancer	0.00E+00	1.32E-07	7.96E-06	0.00E+00	0.00E+00	8.02E-06	4.13E-06	0.00E+00	6.31E-06	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	8.02E-06
3457	ALL	462909.1	3773284	NonCancer	0.00E+00	1.17E-07	7.03E-06	0.00E+00	0.00E+00	7.09E-06	3.65E-06	0.00E+00	5.58E-06	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	7.09E-06
3458	ALL	462900.6	3773281	NonCancer	0.00E+00	1.04E-07	6.27E-06	0.00E+00	0.00E+00	6.32E-06	3.25E-06	0.00E+00	4.97E-06	0.00E+00	0.00E+00	6.27E-06	0.00E+00	0.00E+00	6.32E-06
3459	ALL	462917.5	3773298	NonCancer	0.00E+00	1.32E-07	7.95E-06	0.00E+00	0.00E+00	8.01E-06	4.12E-06	0.00E+00	6.30E-06	0.00E+00	0.00E+00	7.95E-06	0.00E+00	0.00E+00	8.01E-06
3460	ALL	462909.1	3773294	NonCancer	0.00E+00	1.21E-07	7.26E-06	0.00E+00	0.00E+00	7.32E-06	3.77E-06	0.00E+00	5.76E-06	0.00E+00	0.00E+00	7.26E-06	0.00E+00	0.00E+00	7.32E-06
3461	ALL	462900.6	3773291	NonCancer	0.00E+00	1.07E-07	6.42E-06	0.00E+00	0.00E+00	6.47E-06	3.33E-06	0.00E+00	5.09E-06	0.00E+00	0.00E+00	6.42E-06	0.00E+00	0.00E+00	6.47E-06
3462	ALL	462892.2	3773287	NonCancer	0.00E+00	9.72E-08	5.85E-06	0.00E+00	0.00E+00	5.89E-06	3.03E-06	0.00E+00	4.64E-06	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	5.89E-06
3463	ALL	462883.1	3773283	NonCancer	0.00E+00	9.85E-08	5.92E-06	0.00E+00	0.00E+00	5.97E-06	3.07E-06	0.00E+00	4.70E-06	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	5.97E-06
3464	ALL	462917.5	3773308	NonCancer	0.00E+00	1.27E-07	7.64E-06	0.00E+00	0.00E+00	7.71E-06	3.97E-06	0.00E+00	6.06E-06	0.00E+00	0.00E+00	7.64E-06	0.00E+00	0.00E+00	7.71E-06
3465	ALL	462909.1	3773304	NonCancer	0.00E+00	1.20E-07	7.23E-06	0.00E+00	0.00E+00	7.29E-06	3.75E-06	0.00E+00	5.73E-06	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	7.29E-06
3466	ALL	462900.6	3773301	NonCancer	0.00E+00	1.10E-07	6.61E-06	0.00E+00	0.00E+00	6.67E-06	3.43E-06	0.00E+00	5.24E-06	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	6.67E-06
3467	ALL	462892.2	3773297	NonCancer	0.00E+00	9.75E-08	5.87E-06	0.00E+00	0.00E+00	5.91E-06	3.04E-06	0.00E+00	4.65E-06	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	5.91E-06
3468	ALL	462883.7	3773294	NonCancer	0.00E+00	9.15E-08	5.50E-06	0.00E+00	0.00E+00	5.55E-06	2.85E-06	0.00E+00	4.36E-06	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	5.55E-06
3469	ALL	462875.5	3773288	NonCancer	0.00E+00	9.33E-08	5.61E-06	0.00E+00	0.00E+00	5.66E-06	2.91E-06	0.00E+00	4.45E-06	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	5.66E-06
3470	ALL	462871.9	3773280	NonCancer	0.00E+00	9.56E-08	5.75E-06	0.00E+00	0.00E+00	5.80E-06	2.98E-06	0.00E+00	4.56E-06	0.00E+00	0.00E+00	5.75E-06	0.00E+00	0.00E+00	5.80E-06
3471	ALL	462917.5	3773318	NonCancer	0.00E+00	1.20E-07	7.22E-06	0.00E+00	0.00E+00	7.28E-06	3.75E-06	0.00E+00	5.73E-06	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	7.28E-06
3472	ALL	462909.1	3773314	NonCancer	0.00E+00	1.16E-07	7.00E-06	0.00E+00	0.00E+00	7.06E-06	3.63E-06	0.00E+00	5.55E-06	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	7.06E-06
3473	ALL	462900.6	3773311	NonCancer	0.00E+00	1.10E-07	6.62E-06	0.00E+00	0.00E+00	6.67E-06	3.43E-06	0.00E+00	5.25E-06	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	6.67E-06
3474	ALL	462892.2	3773307	NonCancer	0.00E+00	1.00E-07	6.04E-06	0.00E+00	0.00E+00	6.08E-06	3.13E-06	0.00E+00	4.79E-06	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.08E-06
3475	ALL	462883.7	3773304	NonCancer	0.00E+00	8.91E-08	5.36E-06	0.00E+00	0.00E+00	5.40E-06	2.78E-06	0.00E+00	4.25E-06	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	5.40E-06
3476	ALL	462875.3	3773300	NonCancer	0.00E+00	8.60E-08	5.17E-06	0.00E+00	0.00E+00	5.21E-06	2.68E-06	0.00E+00	4.10E-06	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	5.21E-06
3477	ALL	462867.9	3773294	NonCancer	0.00E+00	8.82E-08	5.30E-06	0.00E+00	0.00E+00	5.35E-06	2.75E-06	0.00E+00	4.20E-06	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	5.35E-06
3478	ALL	462864.3	3773285	NonCancer	0.00E+00	9.05E-08	5.45E-06	0.00E+00	0.00E+00	5.49E-06	2.83E-06	0.00E+00	4.32E-06	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	5.49E-06
3479	ALL	462917.5	3773328	NonCancer	0.00E+00	1.12E-07	6.73E-06	0.00E+00	0.00E+00	6.79E-06	3.49E-06	0.00E+00	5.34E-06	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	6.79E-06
3480	ALL	462909.1	3773324	NonCancer	0.00E+00	1.11E-07	6.68E-06	0.00E+00	0.00E+00	6.74E-06	3.47E-06	0.00E+00	5.30E-06	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	6.74E-06
3481	ALL	462900.6	3773321	NonCancer	0.00E+00	1.07E-07	6.43E-06	0.00E+00	0.00E+00	6.48E-06	3.34E-06	0.00E+00	5.10E-06	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	6.48E-06
3482	ALL	462892.2	3773317	NonCancer	0.00E+00	1.01E-07	6.07E-06	0.00E+00	0.00E+00	6.12E-06	3.15E-06	0.00E+00	4.81E-06	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	6.12E-06
3483	ALL	462883.7	3773314	NonCancer	0.00E+00	9.23E-08	5.55E-06	0.00E+00	0.00E+00	5.59E-06	2.88E-06	0.00E+00	4.40E-06	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	5.59E-06
3484	ALL	462875.3	3773310	NonCancer	0.00E+00	8.20E-08	4.94E-06	0.00E+00	0.00E+00	4.98E-06	2.56E-06	0.00E+00	3.91E-06	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	4.98E-06
3485	ALL	462866.8	3773307	NonCancer	0.00E+00	8.12E-08	4.88E-06	0.00E+00	0.00E+00	4.92E-06	2.53E-06	0.00E+00	3.87E-06	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	4.92E-06
3486	ALL	462860.2	3773300	NonCancer	0.00E+00	8.31E-08	5.00E-06	0.00E+00	0.00E+00	5.04E-06	2.59E-06	0.00E+00	3.97E-06	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	5.04E-06
3487	ALL	462856.1	3773290	NonCancer	0.00E+00	8.58E-08	5.16E-06	0.00E+00	0.00E+00	5.20E-06	2.68E-06	0.00E+00	4.09E-06	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	5.20E-06
3488	ALL	462851.9	3773280	NonCancer	0.00E+00	8.48E-08	5.10E-06	0.00E+00	0.00E+00	5.14E-06	2.65E-06	0.00E+00	4.04E-06	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	5.14E-06
3489	ALL	462917.5	3773338	NonCancer	0.00E+00	1.04E-07	6.28E-06	0.00E+00	0.00E+00	6.33E-06	3.26E-06	0.00E+00	4.98E-06	0.00E+00	0.00E+00	6.28E-06	0.00E+00	0.00E+00	6.33E-06
3490	ALL	462908.8	3773334	NonCancer	0.00E+00	1.05E-07	6.32E-06	0.00E+00	0.00E+00	6.37E-06	3.28E-06	0.00E+00	5.01E-06	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	6.37E-06
3491	ALL	462900.2	3773331	NonCancer	0.00E+00	1.03E-07	6.22E-06	0.00E+00	0.00E+00	6.27E-06	3.22E-06	0.00E+00	4.93E-06	0.00E+00	0.00E+00	6.22E-06	0.00E+00	0.00E+00	6.27E-06
3492	ALL	462891.6	3773327	NonCancer	0.00E+00	9.83E-08	5.91E-06	0.00E+00	0.00E+00	5.96E-06	3.07E-06	0.00E+00	4.69E-06	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	5.96E-06
3493	ALL	462882.9	3773324	NonCancer	0.00E+00	9.22E-08	5.55E-06	0.00E+00	0.00E+00	5.59E-06	2.88E-06	0.00E+00	4.40E-06	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	5.59E-06
3494	ALL	462874.3	3773320	NonCancer	0.00E+00	8.43E-08	5.07E-06	0.00E+00	0.00E+00	5.12E-06	2.63E-06	0.00E+00	4.02E-06	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	5.12E-06
3495	ALL	462865.6	3773316	NonCancer	0.00E+00	7.77E-08	4.68E-06	0.00E+00	0.00E+00	4.71E-06	2.43E-06	0.00E+00	3.71E-06	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	4.71E-06
3496	ALL	462857	3773313	NonCancer	0.00E+00	7.74E-08	4.66E-06	0.00E+00	0.00E+00	4.69E-06	2.42E-06	0.00E+00	3.69E-06	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	4.69E-06
3497	ALL	462851.9	3773304	NonCancer	0.00E+00	7.94E-08	4.77E-06	0.00E+00	0.00E+00	4.81E-06	2.48E-06	0.00E+00	3.79E-06	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	4.81E-06
3498	ALL	462848.3	3773295	NonCancer	0.00E+00	8.11E-08	4.88E-06	0.00E+00	0.00E+00	4.92E-06	2.53E-06	0.00E+00	3.87E-06	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	4.92E-06
3499	ALL	462844.7	3773287	NonCancer	0.00E+00	8.01E-08	4.82E-06	0.00E+00	0.00E+00	4.86E-06	2.50E-06	0.00E+00	3.82E-06	0.00E+00	0.00E+00	4.82E-06	0.00E+00	0.00E+00	4.86E-06
3500	ALL	462917.5	3773348	NonCancer	0.00E+00	1.01E-07	6.07E-06	0.00E+00	0.00E+00	6.12E-06	3.15E-06	0.00E+00	4.82E-06	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	6.12E-06
3501	ALL	462908.9	3773344	NonCancer	0.00E+00	9.69E-08	5.83E-06	0.00E+00	0.00E+00	5.88E-06	3.02E-06	0.00E+00	4.62E-06	0.00E+00	0.00E+00	5.83E-06	0.00E+00	0.00E+00	5.88E-06
3502	ALL	462900.2	3773341	NonCancer	0.00E+00	9.84E-08	5.92E-06	0.00E+00	0.00E+00	5.97E-06	3.07E-06	0.00E+00	4.69E-06	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	5.97E-06
3503	ALL	462891.6	3773337	NonCancer	0.00E+00	9.64E-08	5.80E-06	0.00E+00	0.00E+00	5.84E-06	3.01E-06	0.00E+00	4.60E-06	0.00E+00	0.00E+00	5.80E-06	0.00E+00	0.00E+00	5.84E-06
3504	ALL	462883	3773334	NonCancer	0.00E+00	9.13E-08	5.49E-06	0.00E+00	0.00E+00	5.54E-06	2.85E-06	0.00E+00	4.35E-06	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	5.54E-06
3505	ALL	462874.4	3773330	NonCancer	0.00E+00	8.58E-08	5.16E-06	0.00E+00	0.00E+00	5.20E-06	2.68E-06	0.00E+00	4.09E-06	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	5.20E-06
3506	ALL	462865.8	3773327	NonCancer	0.00E+00	7.87E-08	4.73E-06	0.00E+00	0.00E+00	4.77E-06	2.46E-06	0.00E+00	3.75E-06	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	4.77E-06
3507	ALL	462857.1	3773323	NonCancer	0.00E+00	7.43E-08	4.47E-06	0.00E+00	0.00E+00	4.51E-06	2.32E-06	0.00E+00	3.54E-06	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	4.51E-06
3508	ALL	462847.9	3773318	NonCancer	0.00E+00	7.45E-08	4.48E-06	0.00E+00	0.00E+00	4.52E-06	2.33E-06	0.00E+00	3.55E-06	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	4.52E-06

3509	ALL	462844.3	3773309	NonCancer	0.00E+00	7.53E-08	4.53E-06	0.00E+00	0.00E+00	4.57E-06	2.35E-06	0.00E+00	3.59E-06	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	4.57E-06
3510	ALL	462840.7	3773301	NonCancer	0.00E+00	7.68E-08	4.62E-06	0.00E+00	0.00E+00	4.66E-06	2.40E-06	0.00E+00	3.66E-06	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	4.66E-06
3511	ALL	462837	3773292	NonCancer	0.00E+00	7.59E-08	4.57E-06	0.00E+00	0.00E+00	4.60E-06	2.37E-06	0.00E+00	3.62E-06	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	4.60E-06
3512	ALL	462833.4	3773284	NonCancer	0.00E+00	7.29E-08	4.38E-06	0.00E+00	0.00E+00	4.42E-06	2.28E-06	0.00E+00	3.48E-06	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	4.42E-06
3513	ALL	462917.5	3773368	NonCancer	0.00E+00	9.38E-08	5.64E-06	0.00E+00	0.00E+00	5.69E-06	2.93E-06	0.00E+00	4.47E-06	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	5.69E-06
3514	ALL	462908.9	3773364	NonCancer	0.00E+00	9.02E-08	5.43E-06	0.00E+00	0.00E+00	5.47E-06	2.81E-06	0.00E+00	4.30E-06	0.00E+00	0.00E+00	5.43E-06	0.00E+00	0.00E+00	5.47E-06
3515	ALL	462900.3	3773361	NonCancer	0.00E+00	8.53E-08	5.13E-06	0.00E+00	0.00E+00	5.17E-06	2.66E-06	0.00E+00	4.07E-06	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	5.17E-06
3516	ALL	462891.7	3773357	NonCancer	0.00E+00	8.59E-08	5.17E-06	0.00E+00	0.00E+00	5.21E-06	2.68E-06	0.00E+00	4.10E-06	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	5.21E-06
3517	ALL	462883.1	3773354	NonCancer	0.00E+00	8.64E-08	5.20E-06	0.00E+00	0.00E+00	5.24E-06	2.70E-06	0.00E+00	4.12E-06	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	5.24E-06
3518	ALL	462874.5	3773350	NonCancer	0.00E+00	8.40E-08	5.05E-06	0.00E+00	0.00E+00	5.09E-06	2.62E-06	0.00E+00	4.01E-06	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	5.09E-06
3519	ALL	462865.9	3773347	NonCancer	0.00E+00	7.93E-08	4.77E-06	0.00E+00	0.00E+00	4.81E-06	2.47E-06	0.00E+00	3.78E-06	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	4.81E-06
3520	ALL	462857.4	3773343	NonCancer	0.00E+00	7.44E-08	4.48E-06	0.00E+00	0.00E+00	4.51E-06	2.32E-06	0.00E+00	3.55E-06	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	4.51E-06
3521	ALL	462848.8	3773340	NonCancer	0.00E+00	6.91E-08	4.16E-06	0.00E+00	0.00E+00	4.19E-06	2.16E-06	0.00E+00	3.30E-06	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	4.19E-06
3522	ALL	462840.2	3773336	NonCancer	0.00E+00	6.71E-08	4.04E-06	0.00E+00	0.00E+00	4.07E-06	2.10E-06	0.00E+00	3.20E-06	0.00E+00	0.00E+00	4.04E-06	0.00E+00	0.00E+00	4.07E-06
3523	ALL	462832.6	3773329	NonCancer	0.00E+00	6.84E-08	4.12E-06	0.00E+00	0.00E+00	4.15E-06	2.13E-06	0.00E+00	3.26E-06	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	4.15E-06
3524	ALL	462829	3773321	NonCancer	0.00E+00	6.91E-08	4.16E-06	0.00E+00	0.00E+00	4.19E-06	2.16E-06	0.00E+00	3.30E-06	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	4.19E-06
3525	ALL	462825.4	3773312	NonCancer	0.00E+00	6.95E-08	4.18E-06	0.00E+00	0.00E+00	4.21E-06	2.17E-06	0.00E+00	3.32E-06	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	4.21E-06
3526	ALL	462821.8	3773304	NonCancer	0.00E+00	6.87E-08	4.13E-06	0.00E+00	0.00E+00	4.16E-06	2.14E-06	0.00E+00	3.28E-06	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	4.16E-06
3527	ALL	462818.2	3773295	NonCancer	0.00E+00	6.59E-08	3.96E-06	0.00E+00	0.00E+00	4.00E-06	2.06E-06	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	4.00E-06
3528	ALL	462814.6	3773287	NonCancer	0.00E+00	6.28E-08	3.78E-06	0.00E+00	0.00E+00	3.81E-06	1.96E-06	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	3.81E-06
3529	ALL	462917.5	3773388	NonCancer	0.00E+00	8.41E-08	5.06E-06	0.00E+00	0.00E+00	5.10E-06	2.63E-06	0.00E+00	4.01E-06	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	5.10E-06
3530	ALL	462908.9	3773384	NonCancer	0.00E+00	8.31E-08	5.00E-06	0.00E+00	0.00E+00	5.04E-06	2.59E-06	0.00E+00	3.97E-06	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	5.04E-06
3531	ALL	462900.3	3773381	NonCancer	0.00E+00	8.05E-08	4.84E-06	0.00E+00	0.00E+00	4.88E-06	2.51E-06	0.00E+00	3.84E-06	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	4.88E-06
3532	ALL	462891.8	3773377	NonCancer	0.00E+00	7.64E-08	4.59E-06	0.00E+00	0.00E+00	4.63E-06	2.38E-06	0.00E+00	3.64E-06	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	4.63E-06
3533	ALL	462883.2	3773374	NonCancer	0.00E+00	7.39E-08	4.45E-06	0.00E+00	0.00E+00	4.48E-06	2.31E-06	0.00E+00	3.52E-06	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	4.48E-06
3534	ALL	462874.6	3773370	NonCancer	0.00E+00	7.59E-08	4.56E-06	0.00E+00	0.00E+00	4.60E-06	2.37E-06	0.00E+00	3.62E-06	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	4.60E-06
3535	ALL	462866.1	3773367	NonCancer	0.00E+00	7.57E-08	4.55E-06	0.00E+00	0.00E+00	4.59E-06	2.36E-06	0.00E+00	3.61E-06	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	4.59E-06
3536	ALL	462857.5	3773363	NonCancer	0.00E+00	7.33E-08	4.41E-06	0.00E+00	0.00E+00	4.45E-06	2.29E-06	0.00E+00	3.50E-06	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	4.45E-06
3537	ALL	462848.9	3773360	NonCancer	0.00E+00	6.90E-08	4.15E-06	0.00E+00	0.00E+00	4.19E-06	2.15E-06	0.00E+00	3.29E-06	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	4.19E-06
3538	ALL	462840.4	3773356	NonCancer	0.00E+00	6.40E-08	3.85E-06	0.00E+00	0.00E+00	3.88E-06	2.00E-06	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	3.88E-06
3539	ALL	462831.8	3773353	NonCancer	0.00E+00	6.18E-08	3.72E-06	0.00E+00	0.00E+00	3.75E-06	1.93E-06	0.00E+00	2.95E-06	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	3.75E-06
3540	ALL	462823.2	3773349	NonCancer	0.00E+00	6.03E-08	3.63E-06	0.00E+00	0.00E+00	3.66E-06	1.88E-06	0.00E+00	2.88E-06	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	3.66E-06
3541	ALL	462817.4	3773341	NonCancer	0.00E+00	6.24E-08	3.76E-06	0.00E+00	0.00E+00	3.79E-06	1.95E-06	0.00E+00	2.98E-06	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	3.79E-06
3542	ALL	462813.8	3773332	NonCancer	0.00E+00	6.35E-08	3.82E-06	0.00E+00	0.00E+00	3.85E-06	1.98E-06	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	3.85E-06
3543	ALL	462810.2	3773324	NonCancer	0.00E+00	6.37E-08	3.83E-06	0.00E+00	0.00E+00	3.86E-06	1.99E-06	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	3.86E-06
3544	ALL	462806.6	3773315	NonCancer	0.00E+00	6.27E-08	3.77E-06	0.00E+00	0.00E+00	3.80E-06	1.96E-06	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	3.80E-06
3545	ALL	462803	3773307	NonCancer	0.00E+00	6.04E-08	3.64E-06	0.00E+00	0.00E+00	3.66E-06	1.89E-06	0.00E+00	2.88E-06	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	3.66E-06
3546	ALL	462799.3	3773298	NonCancer	0.00E+00	5.76E-08	3.46E-06	0.00E+00	0.00E+00	3.49E-06	1.80E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	3.49E-06
3547	ALL	462795.7	3773290	NonCancer	0.00E+00	5.65E-08	3.40E-06	0.00E+00	0.00E+00	3.43E-06	1.76E-06	0.00E+00	2.70E-06	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.43E-06
3548	ALL	462792.1	3773281	NonCancer	0.00E+00	5.46E-08	3.28E-06	0.00E+00	0.00E+00	3.31E-06	1.70E-06	0.00E+00	2.60E-06	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	3.31E-06
3549	ALL	462917.5	3773408	NonCancer	0.00E+00	7.51E-08	4.52E-06	0.00E+00	0.00E+00	4.55E-06	2.34E-06	0.00E+00	3.58E-06	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	4.55E-06
3550	ALL	462908.9	3773404	NonCancer	0.00E+00	7.57E-08	4.56E-06	0.00E+00	0.00E+00	4.59E-06	2.36E-06	0.00E+00	3.61E-06	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	4.59E-06
3551	ALL	462900.4	3773401	NonCancer	0.00E+00	7.49E-08	4.51E-06	0.00E+00	0.00E+00	4.54E-06	2.34E-06	0.00E+00	3.57E-06	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	4.54E-06
3552	ALL	462891.8	3773397	NonCancer	0.00E+00	7.27E-08	4.37E-06	0.00E+00	0.00E+00	4.41E-06	2.27E-06	0.00E+00	3.47E-06	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	4.41E-06
3553	ALL	462883.3	3773394	NonCancer	0.00E+00	6.92E-08	4.17E-06	0.00E+00	0.00E+00	4.20E-06	2.16E-06	0.00E+00	3.30E-06	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	4.20E-06
3554	ALL	462874.7	3773390	NonCancer	0.00E+00	6.56E-08	3.95E-06	0.00E+00	0.00E+00	3.98E-06	2.05E-06	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	3.98E-06
3555	ALL	462866.2	3773387	NonCancer	0.00E+00	6.65E-08	4.00E-06	0.00E+00	0.00E+00	4.03E-06	2.07E-06	0.00E+00	3.17E-06	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	4.03E-06
3556	ALL	462857.6	3773383	NonCancer	0.00E+00	6.75E-08	4.06E-06	0.00E+00	0.00E+00	4.10E-06	2.11E-06	0.00E+00	3.22E-06	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	4.10E-06
3557	ALL	462849.1	3773380	NonCancer	0.00E+00	6.69E-08	4.02E-06	0.00E+00	0.00E+00	4.06E-06	2.09E-06	0.00E+00	3.19E-06	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	4.06E-06
3558	ALL	462840.5	3773376	NonCancer	0.00E+00	6.45E-08	3.88E-06	0.00E+00	0.00E+00	3.91E-06	2.01E-06	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	3.91E-06
3559	ALL	462832	3773373	NonCancer	0.00E+00	6.07E-08	3.65E-06	0.00E+00	0.00E+00	3.68E-06	1.89E-06	0.00E+00	2.89E-06	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	3.68E-06
3560	ALL	462823.4	3773369	NonCancer	0.00E+00	5.68E-08	3.42E-06	0.00E+00	0.00E+00	3.44E-06	1.77E-06	0.00E+00	2.71E-06	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	3.44E-06
3561	ALL	462814.8	3773366	NonCancer	0.00E+00	5.57E-08	3.35E-06	0.00E+00	0.00E+00	3.38E-06	1.74E-06	0.00E+00	2.66E-06	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	3.38E-06
3562	ALL	462805.7	3773361	NonCancer	0.00E+00	5.46E-08	3.29E-06	0.00E+00	0.00E+00	3.31E-06	1.71E-06	0.00E+00	2.61E-06	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	3.31E-06

3563	ALL	462802.1	3773352	NonCancer	0.00E+00	5.71E-08	3.43E-06	0.00E+00	0.00E+00	3.46E-06	1.78E-06	0.00E+00	2.72E-06	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	3.46E-06
3564	ALL	462798.5	3773344	NonCancer	0.00E+00	5.82E-08	3.50E-06	0.00E+00	0.00E+00	3.53E-06	1.82E-06	0.00E+00	2.78E-06	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	3.53E-06
3565	ALL	462794.9	3773335	NonCancer	0.00E+00	5.81E-08	3.50E-06	0.00E+00	0.00E+00	3.52E-06	1.81E-06	0.00E+00	2.77E-06	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	3.52E-06
3566	ALL	462791.3	3773327	NonCancer	0.00E+00	5.80E-08	3.49E-06	0.00E+00	0.00E+00	3.52E-06	1.81E-06	0.00E+00	2.77E-06	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	3.52E-06
3567	ALL	462787.7	3773318	NonCancer	0.00E+00	5.57E-08	3.35E-06	0.00E+00	0.00E+00	3.38E-06	1.74E-06	0.00E+00	2.66E-06	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	3.38E-06
3568	ALL	462784.1	3773310	NonCancer	0.00E+00	5.35E-08	3.22E-06	0.00E+00	0.00E+00	3.25E-06	1.67E-06	0.00E+00	2.55E-06	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	3.25E-06
3569	ALL	462780.5	3773301	NonCancer	0.00E+00	5.24E-08	3.15E-06	0.00E+00	0.00E+00	3.18E-06	1.64E-06	0.00E+00	2.50E-06	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	3.18E-06
3570	ALL	462776.9	3773292	NonCancer	0.00E+00	5.07E-08	3.05E-06	0.00E+00	0.00E+00	3.07E-06	1.58E-06	0.00E+00	2.42E-06	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.07E-06
3571	ALL	462773.3	3773284	NonCancer	0.00E+00	4.85E-08	2.92E-06	0.00E+00	0.00E+00	2.94E-06	1.51E-06	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	2.94E-06
3572	ALL	462917.5	3773428	NonCancer	0.00E+00	6.67E-08	4.01E-06	0.00E+00	0.00E+00	4.05E-06	2.08E-06	0.00E+00	3.18E-06	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	4.05E-06
3573	ALL	462908.8	3773424	NonCancer	0.00E+00	6.84E-08	4.11E-06	0.00E+00	0.00E+00	4.15E-06	2.13E-06	0.00E+00	3.26E-06	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	4.15E-06
3574	ALL	462900.2	3773421	NonCancer	0.00E+00	6.87E-08	4.13E-06	0.00E+00	0.00E+00	4.16E-06	2.14E-06	0.00E+00	3.28E-06	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	4.16E-06
3575	ALL	462891.6	3773417	NonCancer	0.00E+00	6.79E-08	4.09E-06	0.00E+00	0.00E+00	4.12E-06	2.12E-06	0.00E+00	3.24E-06	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	4.12E-06
3576	ALL	462882.9	3773414	NonCancer	0.00E+00	6.60E-08	3.97E-06	0.00E+00	0.00E+00	4.00E-06	2.06E-06	0.00E+00	3.15E-06	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	4.00E-06
3577	ALL	462874.3	3773410	NonCancer	0.00E+00	6.31E-08	3.79E-06	0.00E+00	0.00E+00	3.82E-06	1.97E-06	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	3.82E-06
3578	ALL	462865.6	3773406	NonCancer	0.00E+00	5.95E-08	3.58E-06	0.00E+00	0.00E+00	3.61E-06	1.86E-06	0.00E+00	2.84E-06	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	3.61E-06
3579	ALL	462857	3773403	NonCancer	0.00E+00	5.83E-08	3.51E-06	0.00E+00	0.00E+00	3.54E-06	1.82E-06	0.00E+00	2.78E-06	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	3.54E-06
3580	ALL	462848.4	3773399	NonCancer	0.00E+00	5.98E-08	3.60E-06	0.00E+00	0.00E+00	3.63E-06	1.87E-06	0.00E+00	2.85E-06	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	3.63E-06
3581	ALL	462839.7	3773396	NonCancer	0.00E+00	6.00E-08	3.61E-06	0.00E+00	0.00E+00	3.64E-06	1.87E-06	0.00E+00	2.86E-06	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	3.64E-06
3582	ALL	462831.1	3773392	NonCancer	0.00E+00	5.89E-08	3.55E-06	0.00E+00	0.00E+00	3.58E-06	1.84E-06	0.00E+00	2.81E-06	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	3.58E-06
3583	ALL	462822.5	3773389	NonCancer	0.00E+00	5.66E-08	3.41E-06	0.00E+00	0.00E+00	3.43E-06	1.77E-06	0.00E+00	2.70E-06	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	3.43E-06
3584	ALL	462813.8	3773385	NonCancer	0.00E+00	5.33E-08	3.21E-06	0.00E+00	0.00E+00	3.23E-06	1.66E-06	0.00E+00	2.54E-06	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	3.23E-06
3585	ALL	462805.2	3773382	NonCancer	0.00E+00	5.17E-08	3.11E-06	0.00E+00	0.00E+00	3.13E-06	1.61E-06	0.00E+00	2.46E-06	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.13E-06
3586	ALL	462796.5	3773378	NonCancer	0.00E+00	5.02E-08	3.02E-06	0.00E+00	0.00E+00	3.04E-06	1.57E-06	0.00E+00	2.39E-06	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.04E-06
3587	ALL	462789.8	3773371	NonCancer	0.00E+00	5.05E-08	3.04E-06	0.00E+00	0.00E+00	3.06E-06	1.58E-06	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.06E-06
3588	ALL	462786.2	3773362	NonCancer	0.00E+00	5.27E-08	3.17E-06	0.00E+00	0.00E+00	3.20E-06	1.65E-06	0.00E+00	2.52E-06	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	3.20E-06
3589	ALL	462782.5	3773353	NonCancer	0.00E+00	5.36E-08	3.22E-06	0.00E+00	0.00E+00	3.25E-06	1.67E-06	0.00E+00	2.55E-06	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	3.25E-06
3590	ALL	462778.9	3773345	NonCancer	0.00E+00	5.32E-08	3.20E-06	0.00E+00	0.00E+00	3.22E-06	1.66E-06	0.00E+00	2.54E-06	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	3.22E-06
3591	ALL	462775.3	3773336	NonCancer	0.00E+00	5.28E-08	3.18E-06	0.00E+00	0.00E+00	3.20E-06	1.65E-06	0.00E+00	2.52E-06	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	3.20E-06
3592	ALL	462771.6	3773327	NonCancer	0.00E+00	5.10E-08	3.07E-06	0.00E+00	0.00E+00	3.09E-06	1.59E-06	0.00E+00	2.43E-06	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.09E-06
3593	ALL	462768	3773319	NonCancer	0.00E+00	4.95E-08	2.98E-06	0.00E+00	0.00E+00	3.00E-06	1.55E-06	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	3.00E-06
3594	ALL	462764.4	3773310	NonCancer	0.00E+00	4.87E-08	2.93E-06	0.00E+00	0.00E+00	2.95E-06	1.52E-06	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	2.95E-06
3595	ALL	462760.7	3773302	NonCancer	0.00E+00	4.68E-08	2.81E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	2.84E-06
3596	ALL	462757.1	3773293	NonCancer	0.00E+00	4.48E-08	2.69E-06	0.00E+00	0.00E+00	2.72E-06	1.40E-06	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	2.72E-06
3597	ALL	462753.5	3773284	NonCancer	0.00E+00	4.52E-08	2.72E-06	0.00E+00	0.00E+00	2.74E-06	1.41E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	2.74E-06
3598	ALL	462917.5	3773448	NonCancer	0.00E+00	5.83E-08	3.51E-06	0.00E+00	0.00E+00	3.54E-06	1.82E-06	0.00E+00	2.78E-06	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	3.54E-06
3599	ALL	462908.9	3773444	NonCancer	0.00E+00	6.09E-08	3.67E-06	0.00E+00	0.00E+00	3.69E-06	1.90E-06	0.00E+00	2.91E-06	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	3.69E-06
3600	ALL	462900.2	3773441	NonCancer	0.00E+00	6.26E-08	3.77E-06	0.00E+00	0.00E+00	3.80E-06	1.95E-06	0.00E+00	2.98E-06	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	3.80E-06
3601	ALL	462891.6	3773437	NonCancer	0.00E+00	6.28E-08	3.78E-06	0.00E+00	0.00E+00	3.81E-06	1.96E-06	0.00E+00	3.00E-06	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	3.81E-06
3602	ALL	462883	3773434	NonCancer	0.00E+00	6.22E-08	3.74E-06	0.00E+00	0.00E+00	3.77E-06	1.94E-06	0.00E+00	2.97E-06	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	3.77E-06
3603	ALL	462874.4	3773430	NonCancer	0.00E+00	6.03E-08	3.63E-06	0.00E+00	0.00E+00	3.66E-06	1.88E-06	0.00E+00	2.88E-06	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	3.66E-06
3604	ALL	462865.8	3773427	NonCancer	0.00E+00	5.77E-08	3.47E-06	0.00E+00	0.00E+00	3.50E-06	1.80E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	3.50E-06
3605	ALL	462857.1	3773423	NonCancer	0.00E+00	5.46E-08	3.29E-06	0.00E+00	0.00E+00	3.31E-06	1.71E-06	0.00E+00	2.61E-06	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	3.31E-06
3606	ALL	462848.5	3773419	NonCancer	0.00E+00	5.20E-08	3.13E-06	0.00E+00	0.00E+00	3.15E-06	1.62E-06	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.15E-06
3607	ALL	462839.9	3773416	NonCancer	0.00E+00	5.28E-08	3.17E-06	0.00E+00	0.00E+00	3.20E-06	1.65E-06	0.00E+00	2.52E-06	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	3.20E-06
3608	ALL	462831.3	3773412	NonCancer	0.00E+00	5.36E-08	3.23E-06	0.00E+00	0.00E+00	3.25E-06	1.67E-06	0.00E+00	2.56E-06	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	3.25E-06
3609	ALL	462822.7	3773409	NonCancer	0.00E+00	5.35E-08	3.22E-06	0.00E+00	0.00E+00	3.24E-06	1.67E-06	0.00E+00	2.55E-06	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	3.24E-06
3610	ALL	462814.1	3773405	NonCancer	0.00E+00	5.23E-08	3.15E-06	0.00E+00	0.00E+00	3.17E-06	1.63E-06	0.00E+00	2.50E-06	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	3.17E-06
3611	ALL	462805.4	3773402	NonCancer	0.00E+00	5.03E-08	3.03E-06	0.00E+00	0.00E+00	3.05E-06	1.57E-06	0.00E+00	2.40E-06	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.05E-06
3612	ALL	462796.8	3773398	NonCancer	0.00E+00	4.86E-08	2.93E-06	0.00E+00	0.00E+00	2.95E-06	1.52E-06	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	2.95E-06
3613	ALL	462788.2	3773395	NonCancer	0.00E+00	4.74E-08	2.85E-06	0.00E+00	0.00E+00	2.88E-06	1.48E-06	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	2.88E-06
3614	ALL	462779.6	3773391	NonCancer	0.00E+00	4.56E-08	2.75E-06	0.00E+00	0.00E+00	2.77E-06	1.42E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.77E-06
3615	ALL	462774.5	3773382	NonCancer	0.00E+00	4.64E-08	2.79E-06	0.00E+00	0.00E+00	2.82E-06	1.45E-06	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	2.82E-06
3616	ALL	462770.9	3773373	NonCancer	0.00E+00	4.86E-08	2.93E-06	0.00E+00	0.00E+00	2.95E-06	1.52E-06	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	2.95E-06

3617	ALL	462767.3	3773365	NonCancer	0.00E+00	4.95E-08	2.98E-06	0.00E+00	0.00E+00	3.01E-06	1.55E-06	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	3.01E-06
3618	ALL	462763.6	3773356	NonCancer	0.00E+00	4.91E-08	2.95E-06	0.00E+00	0.00E+00	2.98E-06	1.53E-06	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	2.98E-06
3619	ALL	462760	3773348	NonCancer	0.00E+00	4.87E-08	2.93E-06	0.00E+00	0.00E+00	2.96E-06	1.52E-06	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	2.96E-06
3620	ALL	462756.4	3773339	NonCancer	0.00E+00	4.75E-08	2.86E-06	0.00E+00	0.00E+00	2.88E-06	1.48E-06	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	2.88E-06
3621	ALL	462752.8	3773330	NonCancer	0.00E+00	4.63E-08	2.79E-06	0.00E+00	0.00E+00	2.81E-06	1.45E-06	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	2.81E-06
3622	ALL	462749.1	3773322	NonCancer	0.00E+00	4.55E-08	2.74E-06	0.00E+00	0.00E+00	2.76E-06	1.42E-06	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	2.76E-06
3623	ALL	462745.5	3773313	NonCancer	0.00E+00	4.42E-08	2.66E-06	0.00E+00	0.00E+00	2.68E-06	1.38E-06	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	2.68E-06
3624	ALL	462741.9	3773305	NonCancer	0.00E+00	4.20E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
3625	ALL	462738.3	3773296	NonCancer	0.00E+00	4.12E-08	2.48E-06	0.00E+00	0.00E+00	2.50E-06	1.29E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	2.50E-06
3626	ALL	462734.6	3773287	NonCancer	0.00E+00	4.20E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
3627	ALL	462900.3	3773461	NonCancer	0.00E+00	5.64E-08	3.40E-06	0.00E+00	0.00E+00	3.42E-06	1.76E-06	0.00E+00	2.69E-06	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.42E-06
3628	ALL	462891.7	3773457	NonCancer	0.00E+00	5.78E-08	3.48E-06	0.00E+00	0.00E+00	3.51E-06	1.80E-06	0.00E+00	2.76E-06	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	3.51E-06
3629	ALL	462883.1	3773454	NonCancer	0.00E+00	5.81E-08	3.49E-06	0.00E+00	0.00E+00	3.52E-06	1.81E-06	0.00E+00	2.77E-06	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	3.52E-06
3630	ALL	462874.5	3773450	NonCancer	0.00E+00	5.73E-08	3.45E-06	0.00E+00	0.00E+00	3.47E-06	1.79E-06	0.00E+00	2.73E-06	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	3.47E-06
3631	ALL	462865.9	3773447	NonCancer	0.00E+00	5.58E-08	3.36E-06	0.00E+00	0.00E+00	3.38E-06	1.74E-06	0.00E+00	2.66E-06	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	3.38E-06
3632	ALL	462857.3	3773443	NonCancer	0.00E+00	5.34E-08	3.21E-06	0.00E+00	0.00E+00	3.24E-06	1.67E-06	0.00E+00	2.55E-06	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	3.24E-06
3633	ALL	462848.7	3773439	NonCancer	0.00E+00	5.05E-08	3.04E-06	0.00E+00	0.00E+00	3.06E-06	1.57E-06	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.06E-06
3634	ALL	462840.1	3773436	NonCancer	0.00E+00	4.74E-08	2.85E-06	0.00E+00	0.00E+00	2.87E-06	1.48E-06	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	2.87E-06
3635	ALL	462831.5	3773432	NonCancer	0.00E+00	4.67E-08	2.81E-06	0.00E+00	0.00E+00	2.83E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	2.83E-06
3636	ALL	462822.9	3773429	NonCancer	0.00E+00	4.78E-08	2.88E-06	0.00E+00	0.00E+00	2.90E-06	1.49E-06	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	2.90E-06
3637	ALL	462814.2	3773425	NonCancer	0.00E+00	4.83E-08	2.90E-06	0.00E+00	0.00E+00	2.93E-06	1.51E-06	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	2.93E-06
3638	ALL	462805.6	3773422	NonCancer	0.00E+00	4.79E-08	2.88E-06	0.00E+00	0.00E+00	2.91E-06	1.50E-06	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	2.91E-06
3639	ALL	462797	3773418	NonCancer	0.00E+00	4.68E-08	2.82E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	2.84E-06
3640	ALL	462788.4	3773415	NonCancer	0.00E+00	4.51E-08	2.71E-06	0.00E+00	0.00E+00	2.73E-06	1.41E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.73E-06
3641	ALL	462779.8	3773411	NonCancer	0.00E+00	4.47E-08	2.69E-06	0.00E+00	0.00E+00	2.71E-06	1.40E-06	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	2.71E-06
3642	ALL	462771.2	3773408	NonCancer	0.00E+00	4.37E-08	2.63E-06	0.00E+00	0.00E+00	2.65E-06	1.36E-06	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	2.65E-06
3643	ALL	462762.9	3773402	NonCancer	0.00E+00	4.20E-08	2.53E-06	0.00E+00	0.00E+00	2.55E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	2.55E-06
3644	ALL	462759.2	3773393	NonCancer	0.00E+00	4.26E-08	2.57E-06	0.00E+00	0.00E+00	2.59E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	2.59E-06
3645	ALL	462755.6	3773385	NonCancer	0.00E+00	4.49E-08	2.70E-06	0.00E+00	0.00E+00	2.72E-06	1.40E-06	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	2.72E-06
3646	ALL	462752	3773376	NonCancer	0.00E+00	4.59E-08	2.76E-06	0.00E+00	0.00E+00	2.79E-06	1.43E-06	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	2.79E-06
3647	ALL	462748.4	3773368	NonCancer	0.00E+00	4.58E-08	2.75E-06	0.00E+00	0.00E+00	2.78E-06	1.43E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.78E-06
3648	ALL	462744.8	3773359	NonCancer	0.00E+00	4.52E-08	2.72E-06	0.00E+00	0.00E+00	2.74E-06	1.41E-06	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	2.74E-06
3649	ALL	462741.1	3773350	NonCancer	0.00E+00	4.46E-08	2.68E-06	0.00E+00	0.00E+00	2.70E-06	1.39E-06	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	2.70E-06
3650	ALL	462737.5	3773342	NonCancer	0.00E+00	4.40E-08	2.65E-06	0.00E+00	0.00E+00	2.67E-06	1.37E-06	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	2.67E-06
3651	ALL	462733.9	3773333	NonCancer	0.00E+00	4.32E-08	2.60E-06	0.00E+00	0.00E+00	2.62E-06	1.35E-06	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	2.62E-06
3652	ALL	462730.3	3773325	NonCancer	0.00E+00	4.18E-08	2.51E-06	0.00E+00	0.00E+00	2.53E-06	1.30E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	2.53E-06
3653	ALL	462726.7	3773316	NonCancer	0.00E+00	4.01E-08	2.41E-06	0.00E+00	0.00E+00	2.43E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	2.43E-06
3654	ALL	462723.1	3773308	NonCancer	0.00E+00	3.83E-08	2.31E-06	0.00E+00	0.00E+00	2.32E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.32E-06
3655	ALL	462719.4	3773299	NonCancer	0.00E+00	3.86E-08	2.32E-06	0.00E+00	0.00E+00	2.34E-06	1.20E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.34E-06
3656	ALL	462715.8	3773290	NonCancer	0.00E+00	3.89E-08	2.34E-06	0.00E+00	0.00E+00	2.36E-06	1.22E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.36E-06
3657	ALL	462712.2	3773282	NonCancer	0.00E+00	3.83E-08	2.30E-06	0.00E+00	0.00E+00	2.32E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.32E-06
3658	ALL	462917.5	3773488	NonCancer	0.00E+00	4.53E-08	2.73E-06	0.00E+00	0.00E+00	2.75E-06	1.41E-06	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	2.75E-06
3659	ALL	462848.8	3773460	NonCancer	0.00E+00	4.95E-08	2.98E-06	0.00E+00	0.00E+00	3.00E-06	1.54E-06	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	3.00E-06
3660	ALL	462840.2	3773456	NonCancer	0.00E+00	4.70E-08	2.83E-06	0.00E+00	0.00E+00	2.85E-06	1.47E-06	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	2.85E-06
3661	ALL	462831.6	3773452	NonCancer	0.00E+00	4.40E-08	2.65E-06	0.00E+00	0.00E+00	2.67E-06	1.37E-06	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	2.67E-06
3662	ALL	462823	3773449	NonCancer	0.00E+00	4.19E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
3663	ALL	462814.4	3773445	NonCancer	0.00E+00	4.27E-08	2.57E-06	0.00E+00	0.00E+00	2.59E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	2.59E-06
3664	ALL	462805.8	3773442	NonCancer	0.00E+00	4.34E-08	2.61E-06	0.00E+00	0.00E+00	2.63E-06	1.35E-06	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	2.63E-06
3665	ALL	462797.2	3773438	NonCancer	0.00E+00	4.36E-08	2.62E-06	0.00E+00	0.00E+00	2.65E-06	1.36E-06	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	2.65E-06
3666	ALL	462788.6	3773435	NonCancer	0.00E+00	4.32E-08	2.60E-06	0.00E+00	0.00E+00	2.62E-06	1.35E-06	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	2.62E-06
3667	ALL	462780.1	3773431	NonCancer	0.00E+00	4.22E-08	2.54E-06	0.00E+00	0.00E+00	2.56E-06	1.32E-06	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	2.56E-06
3668	ALL	462771.5	3773428	NonCancer	0.00E+00	4.17E-08	2.51E-06	0.00E+00	0.00E+00	2.53E-06	1.30E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	2.53E-06
3669	ALL	462762.9	3773424	NonCancer	0.00E+00	4.13E-08	2.49E-06	0.00E+00	0.00E+00	2.51E-06	1.29E-06	0.00E+00	1.97E-06	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	2.51E-06
3670	ALL	462754.3	3773421	NonCancer	0.00E+00	4.04E-08	2.43E-06	0.00E+00	0.00E+00	2.45E-06	1.26E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	2.45E-06

3671	ALL	462747.6	3773413	NonCancer	0.00E+00	3.91E-08	2.35E-06	0.00E+00	0.00E+00	2.37E-06	1.22E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.37E-06
3672	ALL	462744	3773405	NonCancer	0.00E+00	3.92E-08	2.36E-06	0.00E+00	0.00E+00	2.38E-06	1.22E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.38E-06
3673	ALL	462740.4	3773396	NonCancer	0.00E+00	4.13E-08	2.48E-06	0.00E+00	0.00E+00	2.50E-06	1.29E-06	0.00E+00	1.97E-06	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	2.50E-06
3674	ALL	462736.7	3773387	NonCancer	0.00E+00	4.25E-08	2.56E-06	0.00E+00	0.00E+00	2.58E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.58E-06
3675	ALL	462733.1	3773379	NonCancer	0.00E+00	4.27E-08	2.57E-06	0.00E+00	0.00E+00	2.59E-06	1.33E-06	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	2.59E-06
3676	ALL	462729.5	3773370	NonCancer	0.00E+00	4.20E-08	2.53E-06	0.00E+00	0.00E+00	2.55E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	2.55E-06
3677	ALL	462725.9	3773362	NonCancer	0.00E+00	4.17E-08	2.51E-06	0.00E+00	0.00E+00	2.53E-06	1.30E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	2.53E-06
3678	ALL	462722.3	3773353	NonCancer	0.00E+00	4.16E-08	2.50E-06	0.00E+00	0.00E+00	2.52E-06	1.30E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	2.52E-06
3679	ALL	462718.7	3773345	NonCancer	0.00E+00	4.14E-08	2.49E-06	0.00E+00	0.00E+00	2.51E-06	1.29E-06	0.00E+00	1.97E-06	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	2.51E-06
3680	ALL	462715.1	3773336	NonCancer	0.00E+00	4.02E-08	2.42E-06	0.00E+00	0.00E+00	2.44E-06	1.26E-06	0.00E+00	1.92E-06	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	2.44E-06
3681	ALL	462711.4	3773328	NonCancer	0.00E+00	3.85E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
3682	ALL	462707.8	3773319	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
3683	ALL	462704.2	3773310	NonCancer	0.00E+00	3.57E-08	2.15E-06	0.00E+00	0.00E+00	2.17E-06	1.12E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.17E-06
3684	ALL	462700.6	3773302	NonCancer	0.00E+00	3.63E-08	2.18E-06	0.00E+00	0.00E+00	2.20E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.20E-06
3685	ALL	462697	3773293	NonCancer	0.00E+00	3.61E-08	2.17E-06	0.00E+00	0.00E+00	2.19E-06	1.13E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.19E-06
3686	ALL	462693.4	3773285	NonCancer	0.00E+00	3.52E-08	2.12E-06	0.00E+00	0.00E+00	2.13E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.13E-06
3687	ALL	462917.5	3773508	NonCancer	0.00E+00	4.10E-08	2.47E-06	0.00E+00	0.00E+00	2.49E-06	1.28E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.49E-06
3688	ALL	462908.8	3773504	NonCancer	0.00E+00	4.31E-08	2.60E-06	0.00E+00	0.00E+00	2.62E-06	1.35E-06	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	2.62E-06
3689	ALL	462900.2	3773501	NonCancer	0.00E+00	4.50E-08	2.71E-06	0.00E+00	0.00E+00	2.73E-06	1.40E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.73E-06
3690	ALL	462891.5	3773497	NonCancer	0.00E+00	4.72E-08	2.84E-06	0.00E+00	0.00E+00	2.86E-06	1.47E-06	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	2.86E-06
3691	ALL	462882.9	3773494	NonCancer	0.00E+00	4.90E-08	2.95E-06	0.00E+00	0.00E+00	2.97E-06	1.53E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	2.97E-06
3692	ALL	462874.2	3773490	NonCancer	0.00E+00	4.99E-08	3.00E-06	0.00E+00	0.00E+00	3.03E-06	1.56E-06	0.00E+00	2.38E-06	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	3.03E-06
3693	ALL	462796.4	3773458	NonCancer	0.00E+00	3.90E-08	2.35E-06	0.00E+00	0.00E+00	2.37E-06	1.22E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.37E-06
3694	ALL	462787.8	3773454	NonCancer	0.00E+00	3.95E-08	2.38E-06	0.00E+00	0.00E+00	2.40E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	2.40E-06
3695	ALL	462779.1	3773451	NonCancer	0.00E+00	3.95E-08	2.38E-06	0.00E+00	0.00E+00	2.40E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	2.40E-06
3696	ALL	462770.5	3773447	NonCancer	0.00E+00	3.91E-08	2.35E-06	0.00E+00	0.00E+00	2.37E-06	1.22E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.37E-06
3697	ALL	462761.8	3773444	NonCancer	0.00E+00	3.86E-08	2.32E-06	0.00E+00	0.00E+00	2.34E-06	1.20E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.34E-06
3698	ALL	462753.2	3773440	NonCancer	0.00E+00	3.86E-08	2.33E-06	0.00E+00	0.00E+00	2.34E-06	1.21E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.34E-06
3699	ALL	462744.6	3773437	NonCancer	0.00E+00	3.82E-08	2.30E-06	0.00E+00	0.00E+00	2.32E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.32E-06
3700	ALL	462735.3	3773432	NonCancer	0.00E+00	3.72E-08	2.24E-06	0.00E+00	0.00E+00	2.26E-06	1.16E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.26E-06
3701	ALL	462731.7	3773423	NonCancer	0.00E+00	3.64E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
3702	ALL	462728	3773414	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
3703	ALL	462724.4	3773406	NonCancer	0.00E+00	3.83E-08	2.31E-06	0.00E+00	0.00E+00	2.32E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.32E-06
3704	ALL	462720.8	3773397	NonCancer	0.00E+00	3.94E-08	2.37E-06	0.00E+00	0.00E+00	2.39E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.39E-06
3705	ALL	462717.1	3773389	NonCancer	0.00E+00	3.97E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
3706	ALL	462713.5	3773380	NonCancer	0.00E+00	3.91E-08	2.35E-06	0.00E+00	0.00E+00	2.37E-06	1.22E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.37E-06
3707	ALL	462709.8	3773371	NonCancer	0.00E+00	3.89E-08	2.34E-06	0.00E+00	0.00E+00	2.36E-06	1.21E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.36E-06
3708	ALL	462706.2	3773363	NonCancer	0.00E+00	3.93E-08	2.37E-06	0.00E+00	0.00E+00	2.39E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.39E-06
3709	ALL	462702.6	3773354	NonCancer	0.00E+00	3.92E-08	2.36E-06	0.00E+00	0.00E+00	2.38E-06	1.22E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.38E-06
3710	ALL	462698.9	3773346	NonCancer	0.00E+00	3.83E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
3711	ALL	462695.3	3773337	NonCancer	0.00E+00	3.67E-08	2.21E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.22E-06
3712	ALL	462691.7	3773328	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.11E-06	1.08E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.11E-06
3713	ALL	462688	3773320	NonCancer	0.00E+00	3.37E-08	2.03E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.04E-06
3714	ALL	462684.4	3773311	NonCancer	0.00E+00	3.40E-08	2.05E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.06E-06
3715	ALL	462680.7	3773302	NonCancer	0.00E+00	3.40E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
3716	ALL	462677.1	3773294	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.02E-06
3717	ALL	462673.5	3773285	NonCancer	0.00E+00	3.20E-08	1.92E-06	0.00E+00	0.00E+00	1.94E-06	9.98E-07	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.94E-06
3718	ALL	462917.5	3773528	NonCancer	0.00E+00	3.76E-08	2.27E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.28E-06
3719	ALL	462908.8	3773524	NonCancer	0.00E+00	3.89E-08	2.34E-06	0.00E+00	0.00E+00	2.36E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.36E-06
3720	ALL	462900.2	3773521	NonCancer	0.00E+00	4.06E-08	2.44E-06	0.00E+00	0.00E+00	2.46E-06	1.27E-06	0.00E+00	1.94E-06	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	2.46E-06
3721	ALL	462891.6	3773517	NonCancer	0.00E+00	4.24E-08	2.55E-06	0.00E+00	0.00E+00	2.57E-06	1.32E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.57E-06
3722	ALL	462883	3773514	NonCancer	0.00E+00	4.43E-08	2.66E-06	0.00E+00	0.00E+00	2.69E-06	1.38E-06	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	2.69E-06
3723	ALL	462874.3	3773510	NonCancer	0.00E+00	4.58E-08	2.76E-06	0.00E+00	0.00E+00	2.78E-06	1.43E-06	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	2.78E-06
3724	ALL	462865.7	3773506	NonCancer	0.00E+00	4.67E-08	2.81E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	2.84E-06

3725	ALL	462857.1	3773503	NonCancer	0.00E+00	4.68E-08	2.82E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	2.84E-06
3726	ALL	462848.4	3773499	NonCancer	0.00E+00	4.62E-08	2.78E-06	0.00E+00	0.00E+00	2.80E-06	1.44E-06	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	2.80E-06
3727	ALL	462839.8	3773496	NonCancer	0.00E+00	4.48E-08	2.69E-06	0.00E+00	0.00E+00	2.72E-06	1.40E-06	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	2.72E-06
3728	ALL	462831.2	3773492	NonCancer	0.00E+00	4.30E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
3729	ALL	462822.5	3773489	NonCancer	0.00E+00	4.10E-08	2.47E-06	0.00E+00	0.00E+00	2.49E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.49E-06
3730	ALL	462753.5	3773460	NonCancer	0.00E+00	3.63E-08	2.19E-06	0.00E+00	0.00E+00	2.20E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.20E-06
3731	ALL	462744.8	3773457	NonCancer	0.00E+00	3.61E-08	2.17E-06	0.00E+00	0.00E+00	2.19E-06	1.13E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.19E-06
3732	ALL	462736.2	3773453	NonCancer	0.00E+00	3.59E-08	2.16E-06	0.00E+00	0.00E+00	2.18E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.18E-06
3733	ALL	462727.6	3773450	NonCancer	0.00E+00	3.55E-08	2.14E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.16E-06
3734	ALL	462720	3773443	NonCancer	0.00E+00	3.49E-08	2.10E-06	0.00E+00	0.00E+00	2.12E-06	1.09E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.12E-06
3735	ALL	462716.4	3773434	NonCancer	0.00E+00	3.42E-08	2.06E-06	0.00E+00	0.00E+00	2.07E-06	1.07E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.07E-06
3736	ALL	462712.8	3773426	NonCancer	0.00E+00	3.43E-08	2.06E-06	0.00E+00	0.00E+00	2.08E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.08E-06
3737	ALL	462709.1	3773417	NonCancer	0.00E+00	3.54E-08	2.13E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.14E-06
3738	ALL	462705.5	3773409	NonCancer	0.00E+00	3.65E-08	2.20E-06	0.00E+00	0.00E+00	2.21E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.21E-06
3739	ALL	462701.9	3773400	NonCancer	0.00E+00	3.69E-08	2.22E-06	0.00E+00	0.00E+00	2.24E-06	1.15E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.24E-06
3740	ALL	462698.2	3773391	NonCancer	0.00E+00	3.65E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
3741	ALL	462694.6	3773383	NonCancer	0.00E+00	3.64E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
3742	ALL	462691	3773374	NonCancer	0.00E+00	3.71E-08	2.23E-06	0.00E+00	0.00E+00	2.25E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.25E-06
3743	ALL	462687.3	3773366	NonCancer	0.00E+00	3.73E-08	2.24E-06	0.00E+00	0.00E+00	2.26E-06	1.16E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.26E-06
3744	ALL	462683.7	3773357	NonCancer	0.00E+00	3.67E-08	2.21E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.22E-06
3745	ALL	462680.1	3773348	NonCancer	0.00E+00	3.54E-08	2.13E-06	0.00E+00	0.00E+00	2.15E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.15E-06
3746	ALL	462676.4	3773340	NonCancer	0.00E+00	3.35E-08	2.02E-06	0.00E+00	0.00E+00	2.03E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.03E-06
3747	ALL	462672.8	3773331	NonCancer	0.00E+00	3.22E-08	1.94E-06	0.00E+00	0.00E+00	1.95E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.95E-06
3748	ALL	462669.2	3773323	NonCancer	0.00E+00	3.19E-08	1.92E-06	0.00E+00	0.00E+00	1.93E-06	9.94E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.93E-06
3749	ALL	462665.6	3773314	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
3750	ALL	462661.9	3773305	NonCancer	0.00E+00	3.19E-08	1.92E-06	0.00E+00	0.00E+00	1.93E-06	9.95E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.93E-06
3751	ALL	462658.3	3773297	NonCancer	0.00E+00	3.11E-08	1.87E-06	0.00E+00	0.00E+00	1.88E-06	9.69E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.88E-06
3752	ALL	462654.7	3773288	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.29E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06
3753	ALL	462917.5	3773548	NonCancer	0.00E+00	3.50E-08	2.11E-06	0.00E+00	0.00E+00	2.12E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.12E-06
3754	ALL	462908.9	3773544	NonCancer	0.00E+00	3.61E-08	2.17E-06	0.00E+00	0.00E+00	2.19E-06	1.13E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.19E-06
3755	ALL	462900.2	3773541	NonCancer	0.00E+00	3.70E-08	2.23E-06	0.00E+00	0.00E+00	2.25E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.25E-06
3756	ALL	462891.6	3773537	NonCancer	0.00E+00	3.82E-08	2.30E-06	0.00E+00	0.00E+00	2.32E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.32E-06
3757	ALL	462883	3773534	NonCancer	0.00E+00	3.98E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
3758	ALL	462874.4	3773530	NonCancer	0.00E+00	4.16E-08	2.50E-06	0.00E+00	0.00E+00	2.52E-06	1.30E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	2.52E-06
3759	ALL	462865.8	3773527	NonCancer	0.00E+00	4.29E-08	2.58E-06	0.00E+00	0.00E+00	2.60E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.60E-06
3760	ALL	462857.1	3773523	NonCancer	0.00E+00	4.37E-08	2.63E-06	0.00E+00	0.00E+00	2.65E-06	1.36E-06	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	2.65E-06
3761	ALL	462848.5	3773519	NonCancer	0.00E+00	4.39E-08	2.64E-06	0.00E+00	0.00E+00	2.66E-06	1.37E-06	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	2.66E-06
3762	ALL	462839.9	3773516	NonCancer	0.00E+00	4.34E-08	2.61E-06	0.00E+00	0.00E+00	2.63E-06	1.35E-06	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	2.63E-06
3763	ALL	462831.3	3773512	NonCancer	0.00E+00	4.22E-08	2.54E-06	0.00E+00	0.00E+00	2.56E-06	1.32E-06	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	2.56E-06
3764	ALL	462822.7	3773509	NonCancer	0.00E+00	4.05E-08	2.44E-06	0.00E+00	0.00E+00	2.46E-06	1.26E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	2.46E-06
3765	ALL	462814.1	3773505	NonCancer	0.00E+00	3.86E-08	2.33E-06	0.00E+00	0.00E+00	2.34E-06	1.21E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.34E-06
3766	ALL	462805.4	3773502	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
3767	ALL	462796.8	3773498	NonCancer	0.00E+00	3.44E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06
3768	ALL	462788.2	3773495	NonCancer	0.00E+00	3.22E-08	1.94E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.95E-06
3769	ALL	462779.6	3773491	NonCancer	0.00E+00	3.20E-08	1.92E-06	0.00E+00	0.00E+00	1.94E-06	9.98E-07	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.94E-06
3770	ALL	462771	3773488	NonCancer	0.00E+00	3.23E-08	1.95E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.96E-06
3771	ALL	462704.7	3773454	NonCancer	0.00E+00	3.28E-08	1.97E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.99E-06
3772	ALL	462701.1	3773446	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
3773	ALL	462697.5	3773437	NonCancer	0.00E+00	3.23E-08	1.95E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.96E-06
3774	ALL	462693.9	3773429	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
3775	ALL	462690.2	3773420	NonCancer	0.00E+00	3.39E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
3776	ALL	462686.6	3773411	NonCancer	0.00E+00	3.44E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06
3777	ALL	462683	3773403	NonCancer	0.00E+00	3.43E-08	2.06E-06	0.00E+00	0.00E+00	2.08E-06	1.07E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.08E-06
3778	ALL	462679.4	3773394	NonCancer	0.00E+00	3.39E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06

3779	ALL	462675.7	3773386	NonCancer	0.00E+00	3.49E-08	2.10E-06	0.00E+00	0.00E+00	2.12E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.12E-06
3780	ALL	462672.1	3773377	NonCancer	0.00E+00	3.54E-08	2.13E-06	0.00E+00	0.00E+00	2.15E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.15E-06
3781	ALL	462668.5	3773368	NonCancer	0.00E+00	3.52E-08	2.12E-06	0.00E+00	0.00E+00	2.13E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.13E-06
3782	ALL	462664.9	3773360	NonCancer	0.00E+00	3.43E-08	2.06E-06	0.00E+00	0.00E+00	2.08E-06	1.07E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.08E-06
3783	ALL	462661.2	3773351	NonCancer	0.00E+00	3.27E-08	1.97E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.99E-06
3784	ALL	462657.6	3773343	NonCancer	0.00E+00	3.11E-08	1.87E-06	0.00E+00	0.00E+00	1.89E-06	9.70E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.89E-06
3785	ALL	462654	3773334	NonCancer	0.00E+00	3.00E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.36E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
3786	ALL	462650.3	3773326	NonCancer	0.00E+00	3.02E-08	1.82E-06	0.00E+00	0.00E+00	1.83E-06	9.43E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.83E-06
3787	ALL	462646.7	3773317	NonCancer	0.00E+00	3.04E-08	1.83E-06	0.00E+00	0.00E+00	1.84E-06	9.48E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.84E-06
3788	ALL	462643.1	3773308	NonCancer	0.00E+00	3.00E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.37E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
3789	ALL	462639.5	3773300	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.77E-06	9.09E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.77E-06
3790	ALL	462635.8	3773291	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.65E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
3791	ALL	462917.5	3773578	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
3792	ALL	462908.9	3773574	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.02E-06
3793	ALL	462900.3	3773571	NonCancer	0.00E+00	3.39E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
3794	ALL	462891.7	3773567	NonCancer	0.00E+00	3.48E-08	2.10E-06	0.00E+00	0.00E+00	2.11E-06	1.09E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.11E-06
3795	ALL	462883.1	3773564	NonCancer	0.00E+00	3.55E-08	2.14E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.16E-06
3796	ALL	462874.5	3773560	NonCancer	0.00E+00	3.67E-08	2.21E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.22E-06
3797	ALL	462865.9	3773557	NonCancer	0.00E+00	3.76E-08	2.26E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.28E-06
3798	ALL	462857.3	3773553	NonCancer	0.00E+00	3.88E-08	2.34E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.35E-06
3799	ALL	462848.7	3773549	NonCancer	0.00E+00	3.97E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
3800	ALL	462840.1	3773546	NonCancer	0.00E+00	4.01E-08	2.41E-06	0.00E+00	0.00E+00	2.43E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	2.43E-06
3801	ALL	462831.5	3773542	NonCancer	0.00E+00	4.00E-08	2.41E-06	0.00E+00	0.00E+00	2.43E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	2.43E-06
3802	ALL	462822.9	3773539	NonCancer	0.00E+00	3.94E-08	2.37E-06	0.00E+00	0.00E+00	2.39E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.39E-06
3803	ALL	462814.2	3773535	NonCancer	0.00E+00	3.82E-08	2.30E-06	0.00E+00	0.00E+00	2.32E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.32E-06
3804	ALL	462805.6	3773532	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
3805	ALL	462797	3773528	NonCancer	0.00E+00	3.46E-08	2.08E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.10E-06
3806	ALL	462788.4	3773525	NonCancer	0.00E+00	3.28E-08	1.97E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.99E-06
3807	ALL	462779.8	3773521	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.87E-06	9.63E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.87E-06
3808	ALL	462771.2	3773518	NonCancer	0.00E+00	2.97E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.27E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06
3809	ALL	462762.6	3773514	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.75E-06	8.99E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.75E-06
3810	ALL	462754	3773511	NonCancer	0.00E+00	2.87E-08	1.73E-06	0.00E+00	0.00E+00	1.74E-06	8.95E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.74E-06
3811	ALL	462745.4	3773507	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.01E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
3812	ALL	462736.8	3773503	NonCancer	0.00E+00	2.93E-08	1.76E-06	0.00E+00	0.00E+00	1.78E-06	9.13E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.78E-06
3813	ALL	462728.2	3773500	NonCancer	0.00E+00	3.00E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.35E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
3814	ALL	462719.6	3773496	NonCancer	0.00E+00	3.05E-08	1.83E-06	0.00E+00	0.00E+00	1.85E-06	9.50E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.85E-06
3815	ALL	462711	3773493	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.86E-06	9.54E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.86E-06
3816	ALL	462702.4	3773489	NonCancer	0.00E+00	3.04E-08	1.83E-06	0.00E+00	0.00E+00	1.85E-06	9.50E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.85E-06
3817	ALL	462674.6	3773454	NonCancer	0.00E+00	2.97E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.26E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06
3818	ALL	462671	3773446	NonCancer	0.00E+00	3.00E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.36E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
3819	ALL	462667.3	3773437	NonCancer	0.00E+00	3.04E-08	1.83E-06	0.00E+00	0.00E+00	1.85E-06	9.49E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.85E-06
3820	ALL	462663.7	3773429	NonCancer	0.00E+00	3.10E-08	1.87E-06	0.00E+00	0.00E+00	1.88E-06	9.69E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.88E-06
3821	ALL	462660.1	3773420	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.89E-06	9.72E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.89E-06
3822	ALL	462656.5	3773411	NonCancer	0.00E+00	3.08E-08	1.85E-06	0.00E+00	0.00E+00	1.87E-06	9.60E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.87E-06
3823	ALL	462652.9	3773403	NonCancer	0.00E+00	3.19E-08	1.92E-06	0.00E+00	0.00E+00	1.93E-06	9.94E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.93E-06
3824	ALL	462649.2	3773394	NonCancer	0.00E+00	3.27E-08	1.97E-06	0.00E+00	0.00E+00	1.98E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.98E-06
3825	ALL	462645.6	3773386	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
3826	ALL	462642	3773377	NonCancer	0.00E+00	3.25E-08	1.96E-06	0.00E+00	0.00E+00	1.97E-06	1.02E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.97E-06
3827	ALL	462638.4	3773369	NonCancer	0.00E+00	3.16E-08	1.90E-06	0.00E+00	0.00E+00	1.91E-06	9.85E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.91E-06
3828	ALL	462634.8	3773360	NonCancer	0.00E+00	3.00E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.36E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
3829	ALL	462631.1	3773351	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.74E-06	8.98E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.74E-06
3830	ALL	462627.5	3773343	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.64E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
3831	ALL	462605.8	3773291	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.77E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
3832	ALL	462602.2	3773283	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.60E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06

3833	ALL	462598.6	3773274	NonCancer	0.00E+00	2.35E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.34E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
3834	ALL	462917.5	3773608	NonCancer	0.00E+00	3.25E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
3835	ALL	462908.8	3773604	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
3836	ALL	462900.2	3773601	NonCancer	0.00E+00	3.15E-08	1.90E-06	0.00E+00	0.00E+00	1.91E-06	9.83E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.91E-06
3837	ALL	462891.6	3773597	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.90E-06	9.79E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.90E-06
3838	ALL	462882.9	3773594	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
3839	ALL	462874.3	3773590	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
3840	ALL	462865.6	3773586	NonCancer	0.00E+00	3.38E-08	2.03E-06	0.00E+00	0.00E+00	2.05E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.05E-06
3841	ALL	462857	3773583	NonCancer	0.00E+00	3.49E-08	2.10E-06	0.00E+00	0.00E+00	2.12E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.12E-06
3842	ALL	462848.4	3773579	NonCancer	0.00E+00	3.56E-08	2.14E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.16E-06
3843	ALL	462839.7	3773576	NonCancer	0.00E+00	3.64E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
3844	ALL	462831.1	3773572	NonCancer	0.00E+00	3.69E-08	2.22E-06	0.00E+00	0.00E+00	2.24E-06	1.15E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.24E-06
3845	ALL	462822.5	3773569	NonCancer	0.00E+00	3.69E-08	2.22E-06	0.00E+00	0.00E+00	2.24E-06	1.15E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.24E-06
3846	ALL	462813.8	3773565	NonCancer	0.00E+00	3.65E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
3847	ALL	462805.2	3773562	NonCancer	0.00E+00	3.57E-08	2.15E-06	0.00E+00	0.00E+00	2.17E-06	1.12E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.17E-06
3848	ALL	462796.5	3773558	NonCancer	0.00E+00	3.45E-08	2.08E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.10E-06
3849	ALL	462787.9	3773554	NonCancer	0.00E+00	3.30E-08	1.99E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.00E-06
3850	ALL	462779.3	3773551	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.89E-06	9.73E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.89E-06
3851	ALL	462770.6	3773547	NonCancer	0.00E+00	2.93E-08	1.76E-06	0.00E+00	0.00E+00	1.78E-06	9.15E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.78E-06
3852	ALL	462762	3773544	NonCancer	0.00E+00	2.83E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.84E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
3853	ALL	462753.3	3773540	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.69E-06	8.68E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.69E-06
3854	ALL	462744.7	3773537	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.49E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
3855	ALL	462736.1	3773533	NonCancer	0.00E+00	2.63E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.22E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
3856	ALL	462727.4	3773530	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.22E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
3857	ALL	462718.8	3773526	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.40E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
3858	ALL	462710.2	3773522	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.50E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
3859	ALL	462701.5	3773519	NonCancer	0.00E+00	2.75E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.58E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
3860	ALL	462692.9	3773515	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.66E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
3861	ALL	462684.2	3773512	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.66E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
3862	ALL	462675.6	3773508	NonCancer	0.00E+00	2.75E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.59E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
3863	ALL	462667	3773505	NonCancer	0.00E+00	2.75E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.58E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
3864	ALL	462661.9	3773496	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.63E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
3865	ALL	462647.4	3773461	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.64E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
3866	ALL	462643.7	3773452	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.61E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
3867	ALL	462640.1	3773444	NonCancer	0.00E+00	2.80E-08	1.69E-06	0.00E+00	0.00E+00	1.70E-06	8.74E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.70E-06
3868	ALL	462636.5	3773435	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.81E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
3869	ALL	462632.8	3773427	NonCancer	0.00E+00	2.82E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.79E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
3870	ALL	462629.2	3773418	NonCancer	0.00E+00	2.92E-08	1.76E-06	0.00E+00	0.00E+00	1.77E-06	9.11E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.77E-06
3871	ALL	462607.4	3773366	NonCancer	0.00E+00	2.75E-08	1.65E-06	0.00E+00	0.00E+00	1.67E-06	8.58E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.67E-06
3872	ALL	462603.7	3773358	NonCancer	0.00E+00	2.62E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.19E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
3873	ALL	462600.1	3773349	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.05E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
3874	ALL	462596.5	3773341	NonCancer	0.00E+00	2.59E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.07E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
3875	ALL	462592.8	3773332	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.05E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
3876	ALL	462589.2	3773323	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.90E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
3877	ALL	462585.6	3773315	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.63E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
3878	ALL	462581.9	3773306	NonCancer	0.00E+00	2.35E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.34E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
3879	ALL	462578.3	3773298	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.21E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
3880	ALL	462574.7	3773289	NonCancer	0.00E+00	2.25E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.03E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
3881	ALL	462571	3773280	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.80E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
3882	ALL	462917.5	3773638	NonCancer	0.00E+00	3.22E-08	1.94E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.95E-06
3883	ALL	462908.9	3773634	NonCancer	0.00E+00	3.23E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
3884	ALL	462900.2	3773631	NonCancer	0.00E+00	3.19E-08	1.92E-06	0.00E+00	0.00E+00	1.94E-06	9.96E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.94E-06
3885	ALL	462891.6	3773627	NonCancer	0.00E+00	3.16E-08	1.90E-06	0.00E+00	0.00E+00	1.92E-06	9.86E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.92E-06
3886	ALL	462883	3773624	NonCancer	0.00E+00	3.10E-08	1.87E-06	0.00E+00	0.00E+00	1.88E-06	9.67E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.88E-06

3887	ALL	462874.4	3773620	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.86E-06	9.54E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.86E-06
3888	ALL	462865.7	3773617	NonCancer	0.00E+00	3.11E-08	1.87E-06	0.00E+00	0.00E+00	1.88E-06	9.69E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.88E-06
3889	ALL	462857.1	3773613	NonCancer	0.00E+00	3.18E-08	1.91E-06	0.00E+00	0.00E+00	1.93E-06	9.91E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.93E-06
3890	ALL	462848.5	3773609	NonCancer	0.00E+00	3.28E-08	1.97E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.99E-06
3891	ALL	462839.9	3773606	NonCancer	0.00E+00	3.34E-08	2.01E-06	0.00E+00	0.00E+00	2.03E-06	1.04E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.03E-06
3892	ALL	462831.2	3773602	NonCancer	0.00E+00	3.39E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
3893	ALL	462822.6	3773599	NonCancer	0.00E+00	3.43E-08	2.07E-06	0.00E+00	0.00E+00	2.08E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.08E-06
3894	ALL	462814	3773595	NonCancer	0.00E+00	3.45E-08	2.08E-06	0.00E+00	0.00E+00	2.09E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.09E-06
3895	ALL	462805.4	3773592	NonCancer	0.00E+00	3.42E-08	2.06E-06	0.00E+00	0.00E+00	2.07E-06	1.07E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.07E-06
3896	ALL	462796.8	3773588	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
3897	ALL	462788.1	3773585	NonCancer	0.00E+00	3.28E-08	1.97E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.99E-06
3898	ALL	462779.5	3773581	NonCancer	0.00E+00	3.16E-08	1.90E-06	0.00E+00	0.00E+00	1.92E-06	9.86E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.92E-06
3899	ALL	462770.9	3773577	NonCancer	0.00E+00	3.01E-08	1.81E-06	0.00E+00	0.00E+00	1.83E-06	9.41E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.83E-06
3900	ALL	462762.3	3773574	NonCancer	0.00E+00	2.85E-08	1.71E-06	0.00E+00	0.00E+00	1.73E-06	8.89E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.73E-06
3901	ALL	462753.6	3773570	NonCancer	0.00E+00	2.68E-08	1.61E-06	0.00E+00	0.00E+00	1.63E-06	8.36E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.63E-06
3902	ALL	462745	3773567	NonCancer	0.00E+00	2.59E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.08E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
3903	ALL	462736.4	3773563	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.94E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
3904	ALL	462727.8	3773560	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.78E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
3905	ALL	462719.1	3773556	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.66E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
3906	ALL	462710.5	3773553	NonCancer	0.00E+00	2.45E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.64E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
3907	ALL	462701.9	3773549	NonCancer	0.00E+00	2.47E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.71E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
3908	ALL	462693.3	3773546	NonCancer	0.00E+00	2.52E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.85E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
3909	ALL	462684.6	3773542	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.94E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
3910	ALL	462676	3773538	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.97E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
3911	ALL	462667.4	3773535	NonCancer	0.00E+00	2.57E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.03E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
3912	ALL	462658.8	3773531	NonCancer	0.00E+00	2.57E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.03E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
3913	ALL	462650.2	3773528	NonCancer	0.00E+00	2.55E-08	1.53E-06	0.00E+00	0.00E+00	1.55E-06	7.95E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.55E-06
3914	ALL	462642.6	3773521	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.92E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
3915	ALL	462639	3773513	NonCancer	0.00E+00	2.55E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.96E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
3916	ALL	462635.3	3773504	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.54E-06	7.91E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.54E-06
3917	ALL	462631.7	3773495	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.78E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
3918	ALL	462606.3	3773435	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.24E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
3919	ALL	462602.7	3773427	NonCancer	0.00E+00	2.75E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.59E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
3920	ALL	462599.1	3773418	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.83E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
3921	ALL	462595.4	3773409	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.90E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
3922	ALL	462591.8	3773401	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.83E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
3923	ALL	462588.2	3773392	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.60E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
3924	ALL	462584.6	3773384	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.29E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
3925	ALL	462580.9	3773375	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	8.00E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
3926	ALL	462577.3	3773366	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.62E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
3927	ALL	462573.7	3773358	NonCancer	0.00E+00	2.40E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.50E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
3928	ALL	462570	3773349	NonCancer	0.00E+00	2.40E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.48E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
3929	ALL	462566.4	3773341	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.46E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
3930	ALL	462562.8	3773332	NonCancer	0.00E+00	2.35E-08	1.41E-06	0.00E+00	0.00E+00	1.43E-06	7.33E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.43E-06
3931	ALL	462559.2	3773324	NonCancer	0.00E+00	2.27E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.09E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
3932	ALL	462555.5	3773315	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.89E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
3933	ALL	462551.9	3773306	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.79E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
3934	ALL	462548.3	3773298	NonCancer	0.00E+00	2.12E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.60E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
3935	ALL	462544.7	3773289	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.39E-07	0.00E+00	9.77E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
3936	ALL	462541	3773281	NonCancer	0.00E+00	1.97E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.14E-07	0.00E+00	9.38E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
3937	ALL	462917.5	3773668	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.65E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
3938	ALL	462908.8	3773664	NonCancer	0.00E+00	3.07E-08	1.85E-06	0.00E+00	0.00E+00	1.86E-06	9.59E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.86E-06
3939	ALL	462900.2	3773661	NonCancer	0.00E+00	3.05E-08	1.84E-06	0.00E+00	0.00E+00	1.85E-06	9.52E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.85E-06
3940	ALL	462891.5	3773657	NonCancer	0.00E+00	3.02E-08	1.81E-06	0.00E+00	0.00E+00	1.83E-06	9.41E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.83E-06

3941	ALL	462882.9	3773654	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.31E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
3942	ALL	462874.2	3773650	NonCancer	0.00E+00	2.97E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.28E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06
3943	ALL	462865.6	3773646	NonCancer	0.00E+00	2.95E-08	1.77E-06	0.00E+00	0.00E+00	1.79E-06	9.20E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.79E-06
3944	ALL	462856.9	3773643	NonCancer	0.00E+00	2.94E-08	1.77E-06	0.00E+00	0.00E+00	1.78E-06	9.18E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.78E-06
3945	ALL	462848.3	3773639	NonCancer	0.00E+00	3.03E-08	1.82E-06	0.00E+00	0.00E+00	1.84E-06	9.44E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.84E-06
3946	ALL	462839.6	3773636	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.87E-06	9.64E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.87E-06
3947	ALL	462830.9	3773632	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.80E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
3948	ALL	462822.3	3773629	NonCancer	0.00E+00	3.16E-08	1.90E-06	0.00E+00	0.00E+00	1.92E-06	9.86E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.92E-06
3949	ALL	462813.6	3773625	NonCancer	0.00E+00	3.18E-08	1.91E-06	0.00E+00	0.00E+00	1.93E-06	9.91E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.93E-06
3950	ALL	462805	3773622	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
3951	ALL	462796.3	3773618	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
3952	ALL	462787.7	3773614	NonCancer	0.00E+00	3.18E-08	1.91E-06	0.00E+00	0.00E+00	1.93E-06	9.92E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.93E-06
3953	ALL	462779	3773611	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.89E-06	9.72E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.89E-06
3954	ALL	462770.4	3773607	NonCancer	0.00E+00	3.02E-08	1.82E-06	0.00E+00	0.00E+00	1.83E-06	9.44E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.83E-06
3955	ALL	462761.7	3773604	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.77E-06	9.09E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.77E-06
3956	ALL	462753.1	3773600	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.69E-06	8.67E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.69E-06
3957	ALL	462744.4	3773597	NonCancer	0.00E+00	2.68E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.36E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
3958	ALL	462735.8	3773593	NonCancer	0.00E+00	2.60E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.12E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
3959	ALL	462727.1	3773589	NonCancer	0.00E+00	2.52E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.87E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
3960	ALL	462718.5	3773586	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.48E-06	7.59E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.48E-06
3961	ALL	462709.8	3773582	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.42E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
3962	ALL	462701.2	3773579	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.31E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
3963	ALL	462692.5	3773575	NonCancer	0.00E+00	2.33E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.26E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
3964	ALL	462683.9	3773572	NonCancer	0.00E+00	2.30E-08	1.38E-06	0.00E+00	0.00E+00	1.40E-06	7.18E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.40E-06
3965	ALL	462675.2	3773568	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.22E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
3966	ALL	462666.6	3773565	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.31E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
3967	ALL	462657.9	3773561	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.37E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
3968	ALL	462649.2	3773557	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.39E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
3969	ALL	462640.6	3773554	NonCancer	0.00E+00	2.37E-08	1.42E-06	0.00E+00	0.00E+00	1.44E-06	7.38E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.44E-06
3970	ALL	462631.9	3773550	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.37E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
3971	ALL	462604.5	3773502	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.31E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
3972	ALL	462600.8	3773494	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.40E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
3973	ALL	462597.2	3773485	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.39E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
3974	ALL	462586.3	3773459	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.39E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
3975	ALL	462582.6	3773450	NonCancer	0.00E+00	2.42E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.56E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
3976	ALL	462579	3773442	NonCancer	0.00E+00	2.52E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.87E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
3977	ALL	462575.4	3773433	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.14E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
3978	ALL	462571.7	3773425	NonCancer	0.00E+00	2.65E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.28E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
3979	ALL	462568.1	3773416	NonCancer	0.00E+00	2.65E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.28E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
3980	ALL	462564.4	3773407	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.14E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
3981	ALL	462560.8	3773399	NonCancer	0.00E+00	2.52E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.88E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
3982	ALL	462557.2	3773390	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.67E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
3983	ALL	462553.5	3773382	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.36E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
3984	ALL	462549.9	3773373	NonCancer	0.00E+00	2.28E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.11E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
3985	ALL	462546.2	3773364	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.01E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
3986	ALL	462542.6	3773356	NonCancer	0.00E+00	2.22E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.93E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
3987	ALL	462539	3773347	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.89E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
3988	ALL	462535.3	3773338	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.75E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
3989	ALL	462531.7	3773330	NonCancer	0.00E+00	2.09E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.53E-07	0.00E+00	9.99E-07	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
3990	ALL	462528.1	3773321	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.47E-07	0.00E+00	9.90E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
3991	ALL	462524.4	3773313	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.37E-07	0.00E+00	9.74E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
3992	ALL	462520.8	3773304	NonCancer	0.00E+00	1.99E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.19E-07	0.00E+00	9.47E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
3993	ALL	462517.1	3773295	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.97E-07	0.00E+00	9.12E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
3994	ALL	462513.5	3773287	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.11E-06	5.73E-07	0.00E+00	8.76E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.11E-06

3995	ALL	462509.9	3773278	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.51E-07	0.00E+00	8.42E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
3996	ALL	462917.5	3773698	NonCancer	0.00E+00	3.01E-08	1.81E-06	0.00E+00	0.00E+00	1.83E-06	9.40E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.83E-06
3997	ALL	462908.8	3773694	NonCancer	0.00E+00	2.98E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.31E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
3998	ALL	462900.2	3773691	NonCancer	0.00E+00	2.98E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.31E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
3999	ALL	462891.6	3773687	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.33E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
4000	ALL	462882.9	3773684	NonCancer	0.00E+00	3.00E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.37E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
4001	ALL	462874.3	3773680	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.81E-06	9.30E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.81E-06
4002	ALL	462865.6	3773676	NonCancer	0.00E+00	2.95E-08	1.77E-06	0.00E+00	0.00E+00	1.79E-06	9.19E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.79E-06
4003	ALL	462857	3773673	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.76E-06	9.07E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.76E-06
4004	ALL	462848.4	3773669	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.76E-06	9.03E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.76E-06
4005	ALL	462839.7	3773666	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.76E-06	9.07E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.76E-06
4006	ALL	462831.1	3773662	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.32E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
4007	ALL	462822.5	3773659	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.85E-06	9.53E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.85E-06
4008	ALL	462813.8	3773655	NonCancer	0.00E+00	3.10E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.66E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
4009	ALL	462805.2	3773652	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.65E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
4010	ALL	462796.5	3773648	NonCancer	0.00E+00	3.07E-08	1.85E-06	0.00E+00	0.00E+00	1.86E-06	9.57E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.86E-06
4011	ALL	462787.9	3773644	NonCancer	0.00E+00	3.07E-08	1.85E-06	0.00E+00	0.00E+00	1.86E-06	9.59E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.86E-06
4012	ALL	462779.3	3773641	NonCancer	0.00E+00	3.05E-08	1.83E-06	0.00E+00	0.00E+00	1.85E-06	9.51E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.85E-06
4013	ALL	462770.6	3773637	NonCancer	0.00E+00	3.00E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.35E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
4014	ALL	462762	3773634	NonCancer	0.00E+00	2.92E-08	1.75E-06	0.00E+00	0.00E+00	1.77E-06	9.10E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.77E-06
4015	ALL	462753.3	3773630	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.78E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
4016	ALL	462744.7	3773627	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.40E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
4017	ALL	462736.1	3773623	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.04E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
4018	ALL	462727.4	3773620	NonCancer	0.00E+00	2.50E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.81E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
4019	ALL	462718.8	3773616	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.67E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
4020	ALL	462710.2	3773612	NonCancer	0.00E+00	2.41E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.52E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
4021	ALL	462701.5	3773609	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.43E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
4022	ALL	462692.9	3773605	NonCancer	0.00E+00	2.35E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.34E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
4023	ALL	462684.2	3773602	NonCancer	0.00E+00	2.33E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.28E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
4024	ALL	462675.6	3773598	NonCancer	0.00E+00	2.32E-08	1.39E-06	0.00E+00	0.00E+00	1.41E-06	7.23E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.41E-06
4025	ALL	462667	3773595	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.14E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
4026	ALL	462658.3	3773591	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.01E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
4027	ALL	462649.7	3773588	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.91E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
4028	ALL	462641	3773584	NonCancer	0.00E+00	2.22E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.93E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
4029	ALL	462632.4	3773580	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.96E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
4030	ALL	462606.5	3773570	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.80E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
4031	ALL	462599.8	3773562	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.79E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
4032	ALL	462596.1	3773554	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.83E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
4033	ALL	462592.5	3773545	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.83E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
4034	ALL	462581.6	3773519	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.79E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
4035	ALL	462577.9	3773511	NonCancer	0.00E+00	2.20E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.86E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
4036	ALL	462574.3	3773502	NonCancer	0.00E+00	2.20E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.87E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
4037	ALL	462570.7	3773493	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.80E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
4038	ALL	462567	3773485	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.68E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
4039	ALL	462556.1	3773459	NonCancer	0.00E+00	2.30E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.19E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
4040	ALL	462552.5	3773450	NonCancer	0.00E+00	2.40E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.50E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
4041	ALL	462548.9	3773442	NonCancer	0.00E+00	2.47E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.70E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
4042	ALL	462545.2	3773433	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.77E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
4043	ALL	462541.6	3773425	NonCancer	0.00E+00	2.47E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.71E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
4044	ALL	462538	3773416	NonCancer	0.00E+00	2.41E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.53E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
4045	ALL	462534.3	3773407	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.36E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
4046	ALL	462530.7	3773399	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.15E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
4047	ALL	462527.1	3773390	NonCancer	0.00E+00	2.20E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.86E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
4048	ALL	462523.4	3773382	NonCancer	0.00E+00	2.15E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.70E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06

4049	ALL	462519.8	3773373	NonCancer	0.00E+00	2.11E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.59E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
4050	ALL	462516.2	3773364	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.47E-07	0.00E+00	9.89E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
4051	ALL	462512.5	3773356	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.40E-07	0.00E+00	9.78E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4052	ALL	462508.9	3773347	NonCancer	0.00E+00	2.02E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.29E-07	0.00E+00	9.62E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
4053	ALL	462505.3	3773339	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.11E-07	0.00E+00	9.34E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
4054	ALL	462501.6	3773330	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.11E-07	0.00E+00	9.33E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
4055	ALL	462498	3773321	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.03E-07	0.00E+00	9.22E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
4056	ALL	462494.4	3773313	NonCancer	0.00E+00	1.89E-08	1.14E-06	0.00E+00	0.00E+00	1.14E-06	5.89E-07	0.00E+00	9.00E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.14E-06
4057	ALL	462490.7	3773304	NonCancer	0.00E+00	1.82E-08	1.10E-06	0.00E+00	0.00E+00	1.10E-06	5.68E-07	0.00E+00	8.69E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.10E-06
4058	ALL	462487.1	3773296	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.45E-07	0.00E+00	8.33E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
4059	ALL	462483.5	3773287	NonCancer	0.00E+00	1.67E-08	1.01E-06	0.00E+00	0.00E+00	1.01E-06	5.22E-07	0.00E+00	7.98E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.01E-06
4060	ALL	462479.8	3773278	NonCancer	0.00E+00	1.62E-08	9.75E-07	0.00E+00	0.00E+00	9.83E-07	5.06E-07	0.00E+00	7.73E-07	0.00E+00	0.00E+00	9.75E-07	0.00E+00	0.00E+00	9.83E-07
4061	ALL	462917.5	3773728	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.81E-06	9.30E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.81E-06
4062	ALL	462908.9	3773724	NonCancer	0.00E+00	2.97E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.27E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06
4063	ALL	462900.2	3773721	NonCancer	0.00E+00	2.96E-08	1.78E-06	0.00E+00	0.00E+00	1.79E-06	9.22E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	1.79E-06
4064	ALL	462891.6	3773717	NonCancer	0.00E+00	2.93E-08	1.76E-06	0.00E+00	0.00E+00	1.78E-06	9.14E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.78E-06
4065	ALL	462883	3773714	NonCancer	0.00E+00	2.90E-08	1.75E-06	0.00E+00	0.00E+00	1.76E-06	9.06E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.76E-06
4066	ALL	462874.3	3773710	NonCancer	0.00E+00	2.88E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	8.99E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
4067	ALL	462865.7	3773707	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.74E-06	8.92E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.74E-06
4068	ALL	462857.1	3773703	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.83E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
4069	ALL	462848.5	3773699	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.69E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
4070	ALL	462839.8	3773696	NonCancer	0.00E+00	2.75E-08	1.65E-06	0.00E+00	0.00E+00	1.67E-06	8.58E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.67E-06
4071	ALL	462831.2	3773692	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.54E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
4072	ALL	462822.6	3773689	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.72E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
4073	ALL	462814	3773685	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.74E-06	8.93E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.74E-06
4074	ALL	462805.3	3773682	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.76E-06	9.07E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.76E-06
4075	ALL	462796.7	3773678	NonCancer	0.00E+00	2.93E-08	1.76E-06	0.00E+00	0.00E+00	1.78E-06	9.14E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.78E-06
4076	ALL	462788.1	3773675	NonCancer	0.00E+00	2.93E-08	1.76E-06	0.00E+00	0.00E+00	1.78E-06	9.14E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.78E-06
4077	ALL	462779.5	3773671	NonCancer	0.00E+00	2.92E-08	1.76E-06	0.00E+00	0.00E+00	1.77E-06	9.10E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.77E-06
4078	ALL	462770.8	3773667	NonCancer	0.00E+00	2.92E-08	1.76E-06	0.00E+00	0.00E+00	1.77E-06	9.10E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.77E-06
4079	ALL	462762.2	3773664	NonCancer	0.00E+00	2.90E-08	1.74E-06	0.00E+00	0.00E+00	1.76E-06	9.04E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.76E-06
4080	ALL	462753.6	3773660	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.90E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
4081	ALL	462745	3773657	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.69E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
4082	ALL	462736.3	3773653	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.39E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
4083	ALL	462727.7	3773650	NonCancer	0.00E+00	2.60E-08	1.56E-06	0.00E+00	0.00E+00	1.58E-06	8.11E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.58E-06
4084	ALL	462719.1	3773646	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.92E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
4085	ALL	462710.5	3773643	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.68E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
4086	ALL	462701.8	3773639	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.47E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
4087	ALL	462693.2	3773636	NonCancer	0.00E+00	2.35E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.32E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
4088	ALL	462684.6	3773632	NonCancer	0.00E+00	2.30E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.17E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
4089	ALL	462675.9	3773628	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.01E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
4090	ALL	462667.3	3773625	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.89E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
4091	ALL	462658.7	3773621	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.84E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
4092	ALL	462650.1	3773618	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.80E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
4093	ALL	462641.4	3773614	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.73E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
4094	ALL	462632.8	3773611	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.68E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
4095	ALL	462606.9	3773600	NonCancer	0.00E+00	2.12E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.61E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
4096	ALL	462598.3	3773596	NonCancer	0.00E+00	2.12E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.60E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
4097	ALL	462589.7	3773593	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.50E-07	0.00E+00	9.93E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
4098	ALL	462580.5	3773588	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.38E-07	0.00E+00	9.76E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4099	ALL	462576.8	3773579	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.38E-07	0.00E+00	9.75E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4100	ALL	462573.2	3773571	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.35E-07	0.00E+00	9.71E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4101	ALL	462569.6	3773562	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.36E-07	0.00E+00	9.71E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4102	ALL	462565.9	3773554	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.32E-07	0.00E+00	9.65E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06

4103	ALL	462562.3	3773545	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.34E-07	0.00E+00	9.70E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
4104	ALL	462551.4	3773519	NonCancer	0.00E+00	2.07E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.45E-07	0.00E+00	9.86E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
4105	ALL	462547.8	3773511	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.47E-07	0.00E+00	9.89E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
4106	ALL	462544.2	3773502	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.40E-07	0.00E+00	9.78E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4107	ALL	462540.5	3773493	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.33E-07	0.00E+00	9.68E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
4108	ALL	462526	3773459	NonCancer	0.00E+00	2.27E-08	1.36E-06	0.00E+00	0.00E+00	1.38E-06	7.07E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.38E-06
4109	ALL	462522.4	3773450	NonCancer	0.00E+00	2.32E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.23E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
4110	ALL	462518.8	3773442	NonCancer	0.00E+00	2.33E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.26E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
4111	ALL	462515.1	3773433	NonCancer	0.00E+00	2.30E-08	1.38E-06	0.00E+00	0.00E+00	1.40E-06	7.18E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.40E-06
4112	ALL	462511.5	3773425	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.01E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
4113	ALL	462507.9	3773416	NonCancer	0.00E+00	2.20E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.88E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
4114	ALL	462504.3	3773407	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.68E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
4115	ALL	462500.6	3773399	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.39E-07	0.00E+00	9.77E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4116	ALL	462497	3773390	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.31E-07	0.00E+00	9.64E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
4117	ALL	462493.4	3773382	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.22E-07	0.00E+00	9.50E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4118	ALL	462489.7	3773373	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.07E-07	0.00E+00	9.28E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4119	ALL	462486.1	3773364	NonCancer	0.00E+00	1.92E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.99E-07	0.00E+00	9.15E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
4120	ALL	462482.5	3773356	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.87E-07	0.00E+00	8.98E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
4121	ALL	462478.9	3773347	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.76E-07	0.00E+00	8.81E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
4122	ALL	462475.2	3773339	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.77E-07	0.00E+00	8.81E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
4123	ALL	462471.6	3773330	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.71E-07	0.00E+00	8.73E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
4124	ALL	462468	3773322	NonCancer	0.00E+00	1.80E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.61E-07	0.00E+00	8.57E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
4125	ALL	462464.3	3773313	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.45E-07	0.00E+00	8.33E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
4126	ALL	462460.7	3773304	NonCancer	0.00E+00	1.68E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.25E-07	0.00E+00	8.02E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
4127	ALL	462457.1	3773296	NonCancer	0.00E+00	1.61E-08	9.68E-07	0.00E+00	0.00E+00	9.76E-07	5.02E-07	0.00E+00	7.67E-07	0.00E+00	0.00E+00	9.68E-07	0.00E+00	0.00E+00	9.76E-07
4128	ALL	462453.4	3773287	NonCancer	0.00E+00	1.54E-08	9.30E-07	0.00E+00	0.00E+00	9.37E-07	4.82E-07	0.00E+00	7.37E-07	0.00E+00	0.00E+00	9.30E-07	0.00E+00	0.00E+00	9.37E-07
4129	ALL	462449.8	3773279	NonCancer	0.00E+00	1.51E-08	9.08E-07	0.00E+00	0.00E+00	9.15E-07	4.71E-07	0.00E+00	7.19E-07	0.00E+00	0.00E+00	9.08E-07	0.00E+00	0.00E+00	9.15E-07
4130	ALL	462917.5	3773758	NonCancer	0.00E+00	2.93E-08	1.76E-06	0.00E+00	0.00E+00	1.77E-06	9.13E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.77E-06
4131	ALL	462908.8	3773754	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.75E-06	8.99E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.75E-06
4132	ALL	462900.2	3773751	NonCancer	0.00E+00	2.85E-08	1.71E-06	0.00E+00	0.00E+00	1.73E-06	8.89E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.73E-06
4133	ALL	462891.5	3773747	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.78E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
4134	ALL	462882.9	3773744	NonCancer	0.00E+00	2.78E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.68E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
4135	ALL	462874.2	3773740	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.70E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
4136	ALL	462865.6	3773736	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.71E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
4137	ALL	462856.9	3773733	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.69E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
4138	ALL	462848.3	3773729	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.61E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
4139	ALL	462839.6	3773726	NonCancer	0.00E+00	2.72E-08	1.63E-06	0.00E+00	0.00E+00	1.65E-06	8.47E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.65E-06
4140	ALL	462831	3773722	NonCancer	0.00E+00	2.67E-08	1.60E-06	0.00E+00	0.00E+00	1.62E-06	8.32E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.62E-06
4141	ALL	462822.3	3773719	NonCancer	0.00E+00	2.62E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.19E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
4142	ALL	462813.7	3773715	NonCancer	0.00E+00	2.62E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.18E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
4143	ALL	462805	3773712	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.39E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
4144	ALL	462796.4	3773708	NonCancer	0.00E+00	2.73E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.53E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
4145	ALL	462787.7	3773704	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.63E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
4146	ALL	462779.1	3773701	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.69E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
4147	ALL	462770.4	3773697	NonCancer	0.00E+00	2.78E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.69E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
4148	ALL	462761.8	3773694	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.65E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
4149	ALL	462753.1	3773690	NonCancer	0.00E+00	2.75E-08	1.65E-06	0.00E+00	0.00E+00	1.67E-06	8.57E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.67E-06
4150	ALL	462744.5	3773687	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.45E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
4151	ALL	462735.8	3773683	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.30E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
4152	ALL	462727.2	3773679	NonCancer	0.00E+00	2.59E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.09E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
4153	ALL	462718.5	3773676	NonCancer	0.00E+00	2.52E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.87E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
4154	ALL	462709.9	3773672	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.76E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
4155	ALL	462701.2	3773669	NonCancer	0.00E+00	2.45E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.64E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
4156	ALL	462692.6	3773665	NonCancer	0.00E+00	2.42E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.56E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06

4157	ALL	462683.9	3773662	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.46E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
4158	ALL	462675.3	3773658	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.40E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
4159	ALL	462666.6	3773655	NonCancer	0.00E+00	2.35E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.33E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
4160	ALL	462658	3773651	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.20E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
4161	ALL	462649.3	3773647	NonCancer	0.00E+00	2.26E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.06E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
4162	ALL	462640.7	3773644	NonCancer	0.00E+00	2.22E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.91E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
4163	ALL	462632	3773640	NonCancer	0.00E+00	2.17E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.77E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
4164	ALL	462606.1	3773630	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.37E-07	0.00E+00	9.73E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4165	ALL	462597.4	3773626	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.24E-07	0.00E+00	9.54E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4166	ALL	462588.8	3773623	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.22E-07	0.00E+00	9.51E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4167	ALL	462580.1	3773619	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.23E-07	0.00E+00	9.52E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4168	ALL	462571.5	3773615	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.19E-07	0.00E+00	9.46E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
4169	ALL	462562.8	3773612	NonCancer	0.00E+00	1.97E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.13E-07	0.00E+00	9.38E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
4170	ALL	462556.9	3773603	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.08E-07	0.00E+00	9.29E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4171	ALL	462553.3	3773595	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.05E-07	0.00E+00	9.25E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4172	ALL	462549.6	3773586	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.01E-07	0.00E+00	9.19E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
4173	ALL	462546	3773578	NonCancer	0.00E+00	1.92E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.00E-07	0.00E+00	9.17E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
4174	ALL	462542.4	3773569	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.02E-07	0.00E+00	9.21E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
4175	ALL	462538.7	3773560	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.06E-07	0.00E+00	9.25E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4176	ALL	462520.5	3773517	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.06E-07	0.00E+00	9.27E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4177	ALL	462516.9	3773509	NonCancer	0.00E+00	1.92E-08	1.16E-06	0.00E+00	0.00E+00	1.16E-06	5.99E-07	0.00E+00	9.16E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.16E-06
4178	ALL	462513.2	3773500	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.02E-07	0.00E+00	9.20E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
4179	ALL	462509.6	3773491	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.05E-07	0.00E+00	9.25E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4180	ALL	462495.1	3773457	NonCancer	0.00E+00	2.17E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.77E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
4181	ALL	462491.4	3773448	NonCancer	0.00E+00	2.17E-08	1.30E-06	0.00E+00	0.00E+00	1.32E-06	6.76E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.32E-06
4182	ALL	462487.8	3773440	NonCancer	0.00E+00	2.13E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.65E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
4183	ALL	462484.1	3773431	NonCancer	0.00E+00	2.10E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.56E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
4184	ALL	462480.5	3773423	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.40E-07	0.00E+00	9.78E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4185	ALL	462476.9	3773414	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.17E-07	0.00E+00	9.43E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
4186	ALL	462473.2	3773405	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.96E-07	0.00E+00	9.11E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
4187	ALL	462469.6	3773397	NonCancer	0.00E+00	1.90E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.93E-07	0.00E+00	9.06E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
4188	ALL	462465.9	3773388	NonCancer	0.00E+00	1.87E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.83E-07	0.00E+00	8.91E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
4189	ALL	462462.3	3773379	NonCancer	0.00E+00	1.82E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.68E-07	0.00E+00	8.68E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
4190	ALL	462458.7	3773371	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.59E-07	0.00E+00	8.55E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
4191	ALL	462455	3773362	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.49E-07	0.00E+00	8.39E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
4192	ALL	462451.4	3773354	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.46E-07	0.00E+00	8.35E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
4193	ALL	462447.7	3773345	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.46E-07	0.00E+00	8.35E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
4194	ALL	462444.1	3773336	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.40E-07	0.00E+00	8.25E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
4195	ALL	462440.5	3773328	NonCancer	0.00E+00	1.69E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.29E-07	0.00E+00	8.08E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
4196	ALL	462436.8	3773319	NonCancer	0.00E+00	1.65E-08	9.91E-07	0.00E+00	0.00E+00	9.99E-07	5.14E-07	0.00E+00	7.86E-07	0.00E+00	0.00E+00	9.91E-07	0.00E+00	0.00E+00	9.99E-07
4197	ALL	462433.2	3773311	NonCancer	0.00E+00	1.59E-08	9.55E-07	0.00E+00	0.00E+00	9.63E-07	4.95E-07	0.00E+00	7.57E-07	0.00E+00	0.00E+00	9.55E-07	0.00E+00	0.00E+00	9.63E-07
4198	ALL	462429.6	3773302	NonCancer	0.00E+00	1.52E-08	9.12E-07	0.00E+00	0.00E+00	9.19E-07	4.73E-07	0.00E+00	7.23E-07	0.00E+00	0.00E+00	9.12E-07	0.00E+00	0.00E+00	9.19E-07
4199	ALL	462425.9	3773293	NonCancer	0.00E+00	1.46E-08	8.76E-07	0.00E+00	0.00E+00	8.83E-07	4.54E-07	0.00E+00	6.95E-07	0.00E+00	0.00E+00	8.76E-07	0.00E+00	0.00E+00	8.83E-07
4200	ALL	462422.3	3773285	NonCancer	0.00E+00	1.43E-08	8.58E-07	0.00E+00	0.00E+00	8.65E-07	4.45E-07	0.00E+00	6.80E-07	0.00E+00	0.00E+00	8.58E-07	0.00E+00	0.00E+00	8.65E-07
4201	ALL	462418.6	3773276	NonCancer	0.00E+00	1.39E-08	8.35E-07	0.00E+00	0.00E+00	8.42E-07	4.33E-07	0.00E+00	6.62E-07	0.00E+00	0.00E+00	8.35E-07	0.00E+00	0.00E+00	8.42E-07
4202	ALL	462917.5	3773788	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.77E-06	9.08E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.77E-06
4203	ALL	462908.8	3773784	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.01E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
4204	ALL	462900.2	3773781	NonCancer	0.00E+00	2.87E-08	1.72E-06	0.00E+00	0.00E+00	1.74E-06	8.94E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.74E-06
4205	ALL	462891.6	3773777	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.92E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
4206	ALL	462882.9	3773774	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.81E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
4207	ALL	462874.3	3773770	NonCancer	0.00E+00	2.78E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.69E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
4208	ALL	462865.6	3773766	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.64E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
4209	ALL	462857	3773763	NonCancer	0.00E+00	2.75E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.59E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
4210	ALL	462848.4	3773759	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.56E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06

4211	ALL	462839.7	3773756	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.54E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
4212	ALL	462831.1	3773752	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.56E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
4213	ALL	462822.5	3773749	NonCancer	0.00E+00	2.73E-08	1.64E-06	0.00E+00	0.00E+00	1.66E-06	8.51E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.66E-06
4214	ALL	462813.8	3773745	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.44E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
4215	ALL	462805.2	3773742	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.62E-06	8.31E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.62E-06
4216	ALL	462796.5	3773738	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.60E-06	8.21E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.60E-06
4217	ALL	462787.9	3773734	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.29E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
4218	ALL	462779.3	3773731	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.39E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
4219	ALL	462770.6	3773727	NonCancer	0.00E+00	2.72E-08	1.63E-06	0.00E+00	0.00E+00	1.65E-06	8.47E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.65E-06
4220	ALL	462762	3773724	NonCancer	0.00E+00	2.73E-08	1.64E-06	0.00E+00	0.00E+00	1.66E-06	8.52E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.66E-06
4221	ALL	462753.3	3773720	NonCancer	0.00E+00	2.73E-08	1.64E-06	0.00E+00	0.00E+00	1.66E-06	8.52E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.66E-06
4222	ALL	462744.7	3773717	NonCancer	0.00E+00	2.70E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.43E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
4223	ALL	462736.1	3773713	NonCancer	0.00E+00	2.65E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.26E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
4224	ALL	462727.4	3773710	NonCancer	0.00E+00	2.60E-08	1.56E-06	0.00E+00	0.00E+00	1.58E-06	8.11E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.58E-06
4225	ALL	462718.8	3773706	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.94E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
4226	ALL	462710.2	3773702	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.77E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
4227	ALL	462701.5	3773699	NonCancer	0.00E+00	2.45E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.63E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
4228	ALL	462692.9	3773695	NonCancer	0.00E+00	2.40E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.50E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
4229	ALL	462684.2	3773692	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.37E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
4230	ALL	462675.6	3773688	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.22E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
4231	ALL	462667	3773685	NonCancer	0.00E+00	2.27E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.09E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
4232	ALL	462658.3	3773681	NonCancer	0.00E+00	2.25E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.03E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
4233	ALL	462649.7	3773678	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.01E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
4234	ALL	462641	3773674	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.96E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
4235	ALL	462632.4	3773670	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.90E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
4236	ALL	462606.5	3773660	NonCancer	0.00E+00	2.17E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.77E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
4237	ALL	462597.9	3773656	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.68E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
4238	ALL	462589.2	3773653	NonCancer	0.00E+00	2.10E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.56E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
4239	ALL	462580.6	3773649	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.46E-07	0.00E+00	9.88E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
4240	ALL	462571.9	3773646	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.35E-07	0.00E+00	9.71E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4241	ALL	462563.3	3773642	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.23E-07	0.00E+00	9.52E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4242	ALL	462554.7	3773638	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.12E-07	0.00E+00	9.36E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
4243	ALL	462546	3773635	NonCancer	0.00E+00	1.92E-08	1.16E-06	0.00E+00	0.00E+00	1.16E-06	5.99E-07	0.00E+00	9.16E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.16E-06
4244	ALL	462538.2	3773631	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.85E-07	0.00E+00	8.95E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
4245	ALL	462520.1	3773588	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.95E-07	0.00E+00	9.09E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
4246	ALL	462516.4	3773579	NonCancer	0.00E+00	1.92E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	5.99E-07	0.00E+00	9.16E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
4247	ALL	462512.8	3773570	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.03E-07	0.00E+00	9.22E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
4248	ALL	462509.2	3773562	NonCancer	0.00E+00	1.92E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.98E-07	0.00E+00	9.13E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
4249	ALL	462505.5	3773553	NonCancer	0.00E+00	1.86E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.82E-07	0.00E+00	8.89E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
4250	ALL	462501.9	3773544	NonCancer	0.00E+00	1.86E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.80E-07	0.00E+00	8.86E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
4251	ALL	462491	3773519	NonCancer	0.00E+00	1.80E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.62E-07	0.00E+00	8.59E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
4252	ALL	462487.3	3773510	NonCancer	0.00E+00	1.82E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.67E-07	0.00E+00	8.67E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
4253	ALL	462483.7	3773501	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.72E-07	0.00E+00	8.75E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
4254	ALL	462480.1	3773493	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.96E-07	0.00E+00	9.11E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
4255	ALL	462465.5	3773458	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.32E-07	0.00E+00	9.66E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
4256	ALL	462461.9	3773450	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.24E-07	0.00E+00	9.53E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4257	ALL	462458.3	3773441	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.18E-07	0.00E+00	9.44E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
4258	ALL	462454.6	3773433	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.04E-07	0.00E+00	9.23E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
4259	ALL	462451	3773424	NonCancer	0.00E+00	1.87E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.83E-07	0.00E+00	8.91E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
4260	ALL	462447.4	3773415	NonCancer	0.00E+00	1.81E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.64E-07	0.00E+00	8.62E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
4261	ALL	462443.7	3773407	NonCancer	0.00E+00	1.80E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.61E-07	0.00E+00	8.58E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
4262	ALL	462440.1	3773398	NonCancer	0.00E+00	1.77E-08	1.07E-06	0.00E+00	0.00E+00	1.07E-06	5.52E-07	0.00E+00	8.44E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.07E-06
4263	ALL	462436.5	3773390	NonCancer	0.00E+00	1.72E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.38E-07	0.00E+00	8.22E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
4264	ALL	462432.8	3773381	NonCancer	0.00E+00	1.69E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.27E-07	0.00E+00	8.06E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06

4265	ALL	462429.2	3773372	NonCancer	0.00E+00	1.67E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.20E-07	0.00E+00	7.95E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
4266	ALL	462425.6	3773364	NonCancer	0.00E+00	1.67E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.20E-07	0.00E+00	7.95E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
4267	ALL	462421.9	3773355	NonCancer	0.00E+00	1.67E-08	1.01E-06	0.00E+00	0.00E+00	1.01E-06	5.22E-07	0.00E+00	7.97E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.01E-06
4268	ALL	462418.3	3773347	NonCancer	0.00E+00	1.65E-08	9.95E-07	0.00E+00	0.00E+00	1.00E-06	5.16E-07	0.00E+00	7.89E-07	0.00E+00	0.00E+00	9.95E-07	0.00E+00	0.00E+00	1.00E-06
4269	ALL	462414.7	3773338	NonCancer	0.00E+00	1.62E-08	9.76E-07	0.00E+00	0.00E+00	9.84E-07	5.06E-07	0.00E+00	7.74E-07	0.00E+00	0.00E+00	9.76E-07	0.00E+00	0.00E+00	9.84E-07
4270	ALL	462411	3773329	NonCancer	0.00E+00	1.58E-08	9.49E-07	0.00E+00	0.00E+00	9.57E-07	4.92E-07	0.00E+00	7.53E-07	0.00E+00	0.00E+00	9.49E-07	0.00E+00	0.00E+00	9.57E-07
4271	ALL	462407.4	3773321	NonCancer	0.00E+00	1.53E-08	9.18E-07	0.00E+00	0.00E+00	9.25E-07	4.76E-07	0.00E+00	7.27E-07	0.00E+00	0.00E+00	9.18E-07	0.00E+00	0.00E+00	9.25E-07
4272	ALL	462403.8	3773312	NonCancer	0.00E+00	1.46E-08	8.81E-07	0.00E+00	0.00E+00	8.88E-07	4.57E-07	0.00E+00	6.98E-07	0.00E+00	0.00E+00	8.81E-07	0.00E+00	0.00E+00	8.88E-07
4273	ALL	462400.1	3773304	NonCancer	0.00E+00	1.39E-08	8.38E-07	0.00E+00	0.00E+00	8.45E-07	4.35E-07	0.00E+00	6.64E-07	0.00E+00	0.00E+00	8.38E-07	0.00E+00	0.00E+00	8.45E-07
4274	ALL	462396.5	3773295	NonCancer	0.00E+00	1.36E-08	8.19E-07	0.00E+00	0.00E+00	8.26E-07	4.25E-07	0.00E+00	6.49E-07	0.00E+00	0.00E+00	8.19E-07	0.00E+00	0.00E+00	8.26E-07
4275	ALL	462917.5	3773818	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.90E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
4276	ALL	462908.8	3773814	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.78E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
4277	ALL	462900.2	3773811	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.65E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
4278	ALL	462891.6	3773807	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.56E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
4279	ALL	462883	3773804	NonCancer	0.00E+00	2.73E-08	1.64E-06	0.00E+00	0.00E+00	1.66E-06	8.52E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.66E-06
4280	ALL	462874.3	3773800	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.45E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
4281	ALL	462865.7	3773796	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.39E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
4282	ALL	462857.1	3773793	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.34E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
4283	ALL	462848.5	3773789	NonCancer	0.00E+00	2.65E-08	1.59E-06	0.00E+00	0.00E+00	1.61E-06	8.27E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.61E-06
4284	ALL	462839.8	3773786	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.24E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
4285	ALL	462831.2	3773782	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.25E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
4286	ALL	462822.6	3773779	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.23E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
4287	ALL	462813.9	3773775	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.15E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
4288	ALL	462805.3	3773772	NonCancer	0.00E+00	2.60E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.12E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
4289	ALL	462796.7	3773768	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.57E-06	8.05E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.57E-06
4290	ALL	462788.1	3773765	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.98E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
4291	ALL	462779.4	3773761	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.56E-06	8.00E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.56E-06
4292	ALL	462770.8	3773757	NonCancer	0.00E+00	2.59E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.08E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
4293	ALL	462762.2	3773754	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.13E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
4294	ALL	462753.5	3773750	NonCancer	0.00E+00	2.60E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.12E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
4295	ALL	462744.9	3773747	NonCancer	0.00E+00	2.60E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.12E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
4296	ALL	462736.3	3773743	NonCancer	0.00E+00	2.58E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.06E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
4297	ALL	462727.7	3773740	NonCancer	0.00E+00	2.55E-08	1.53E-06	0.00E+00	0.00E+00	1.55E-06	7.95E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.55E-06
4298	ALL	462719	3773736	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.83E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
4299	ALL	462710.4	3773733	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.76E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
4300	ALL	462701.8	3773729	NonCancer	0.00E+00	2.47E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.72E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
4301	ALL	462693.1	3773725	NonCancer	0.00E+00	2.45E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.65E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
4302	ALL	462684.5	3773722	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.48E-06	7.59E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.48E-06
4303	ALL	462675.9	3773718	NonCancer	0.00E+00	2.43E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.60E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
4304	ALL	462667.3	3773715	NonCancer	0.00E+00	2.42E-08	1.45E-06	0.00E+00	0.00E+00	1.47E-06	7.54E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.47E-06
4305	ALL	462658.6	3773711	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.39E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
4306	ALL	462650	3773708	NonCancer	0.00E+00	2.32E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.22E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
4307	ALL	462641.4	3773704	NonCancer	0.00E+00	2.26E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.07E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
4308	ALL	462632.8	3773701	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.97E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
4309	ALL	462606.9	3773690	NonCancer	0.00E+00	2.12E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.60E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
4310	ALL	462598.2	3773686	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.50E-07	0.00E+00	9.93E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
4311	ALL	462589.6	3773683	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.46E-07	0.00E+00	9.88E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
4312	ALL	462581	3773679	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.40E-07	0.00E+00	9.78E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4313	ALL	462572.4	3773676	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.32E-07	0.00E+00	9.66E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
4314	ALL	462563.7	3773672	NonCancer	0.00E+00	2.02E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.29E-07	0.00E+00	9.62E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
4315	ALL	462555.1	3773669	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.27E-07	0.00E+00	9.59E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
4316	ALL	462546.5	3773665	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.24E-07	0.00E+00	9.53E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4317	ALL	462537.8	3773662	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.20E-07	0.00E+00	9.47E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4318	ALL	462529.2	3773658	NonCancer	0.00E+00	1.97E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.16E-07	0.00E+00	9.42E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06

4319	ALL	462520.6	3773654	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.07E-07	0.00E+00	9.27E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4320	ALL	462514.7	3773646	NonCancer	0.00E+00	1.90E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.94E-07	0.00E+00	9.08E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
4321	ALL	462511.1	3773638	NonCancer	0.00E+00	1.87E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.84E-07	0.00E+00	8.92E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
4322	ALL	462507.4	3773629	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.78E-07	0.00E+00	8.83E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
4323	ALL	462500.2	3773612	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.75E-07	0.00E+00	8.78E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
4324	ALL	462496.5	3773603	NonCancer	0.00E+00	1.82E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.69E-07	0.00E+00	8.70E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
4325	ALL	462492.9	3773595	NonCancer	0.00E+00	1.82E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.67E-07	0.00E+00	8.67E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
4326	ALL	462489.3	3773586	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.71E-07	0.00E+00	8.73E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
4327	ALL	462485.6	3773577	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.72E-07	0.00E+00	8.74E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
4328	ALL	462482	3773569	NonCancer	0.00E+00	1.82E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.69E-07	0.00E+00	8.70E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
4329	ALL	462478.4	3773560	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.59E-07	0.00E+00	8.54E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
4330	ALL	462474.8	3773552	NonCancer	0.00E+00	1.77E-08	1.07E-06	0.00E+00	0.00E+00	1.07E-06	5.52E-07	0.00E+00	8.44E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.07E-06
4331	ALL	462471.1	3773543	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.46E-07	0.00E+00	8.34E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
4332	ALL	462460.2	3773517	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.34E-07	0.00E+00	8.16E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
4333	ALL	462456.6	3773509	NonCancer	0.00E+00	1.77E-08	1.07E-06	0.00E+00	0.00E+00	1.07E-06	5.52E-07	0.00E+00	8.44E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.07E-06
4334	ALL	462453	3773500	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.72E-07	0.00E+00	8.75E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
4335	ALL	462449.4	3773491	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.88E-07	0.00E+00	8.98E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
4336	ALL	462434.8	3773457	NonCancer	0.00E+00	1.89E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.90E-07	0.00E+00	9.02E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
4337	ALL	462431.2	3773448	NonCancer	0.00E+00	1.86E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.81E-07	0.00E+00	8.88E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
4338	ALL	462427.6	3773440	NonCancer	0.00E+00	1.81E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.65E-07	0.00E+00	8.64E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
4339	ALL	462423.9	3773431	NonCancer	0.00E+00	1.74E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.44E-07	0.00E+00	8.32E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
4340	ALL	462420.3	3773423	NonCancer	0.00E+00	1.72E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.35E-07	0.00E+00	8.18E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
4341	ALL	462416.7	3773414	NonCancer	0.00E+00	1.70E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.31E-07	0.00E+00	8.12E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
4342	ALL	462413.1	3773405	NonCancer	0.00E+00	1.67E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.21E-07	0.00E+00	7.96E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
4343	ALL	462409.4	3773397	NonCancer	0.00E+00	1.62E-08	9.76E-07	0.00E+00	0.00E+00	9.84E-07	5.06E-07	0.00E+00	7.73E-07	0.00E+00	0.00E+00	9.76E-07	0.00E+00	0.00E+00	9.84E-07
4344	ALL	462405.8	3773388	NonCancer	0.00E+00	1.58E-08	9.52E-07	0.00E+00	0.00E+00	9.60E-07	4.94E-07	0.00E+00	7.55E-07	0.00E+00	0.00E+00	9.52E-07	0.00E+00	0.00E+00	9.60E-07
4345	ALL	462402.2	3773380	NonCancer	0.00E+00	1.56E-08	9.38E-07	0.00E+00	0.00E+00	9.46E-07	4.86E-07	0.00E+00	7.43E-07	0.00E+00	0.00E+00	9.38E-07	0.00E+00	0.00E+00	9.46E-07
4346	ALL	462398.5	3773371	NonCancer	0.00E+00	1.58E-08	9.49E-07	0.00E+00	0.00E+00	9.57E-07	4.92E-07	0.00E+00	7.52E-07	0.00E+00	0.00E+00	9.49E-07	0.00E+00	0.00E+00	9.57E-07
4347	ALL	462917.5	3773848	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.86E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
4348	ALL	462908.8	3773844	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.80E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
4349	ALL	462900.2	3773841	NonCancer	0.00E+00	2.80E-08	1.69E-06	0.00E+00	0.00E+00	1.70E-06	8.74E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.70E-06
4350	ALL	462891.5	3773837	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.69E-06	8.67E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.69E-06
4351	ALL	462882.9	3773834	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.61E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
4352	ALL	462874.2	3773830	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.50E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
4353	ALL	462865.6	3773826	NonCancer	0.00E+00	2.68E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.36E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
4354	ALL	462856.9	3773823	NonCancer	0.00E+00	2.65E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.28E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
4355	ALL	462848.3	3773819	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.19E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
4356	ALL	462839.6	3773816	NonCancer	0.00E+00	2.62E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.17E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
4357	ALL	462831	3773812	NonCancer	0.00E+00	2.65E-08	1.59E-06	0.00E+00	0.00E+00	1.61E-06	8.26E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.61E-06
4358	ALL	462822.3	3773809	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.40E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
4359	ALL	462813.7	3773805	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.45E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
4360	ALL	462805	3773802	NonCancer	0.00E+00	2.68E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.35E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
4361	ALL	462796.4	3773798	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.25E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
4362	ALL	462787.8	3773794	NonCancer	0.00E+00	2.60E-08	1.56E-06	0.00E+00	0.00E+00	1.58E-06	8.11E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.58E-06
4363	ALL	462779.1	3773791	NonCancer	0.00E+00	2.55E-08	1.53E-06	0.00E+00	0.00E+00	1.55E-06	7.96E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.55E-06
4364	ALL	462770.5	3773787	NonCancer	0.00E+00	2.52E-08	1.51E-06	0.00E+00	0.00E+00	1.53E-06	7.85E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.53E-06
4365	ALL	462761.8	3773784	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.78E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
4366	ALL	462753.2	3773780	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.77E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
4367	ALL	462744.5	3773777	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.73E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
4368	ALL	462735.9	3773773	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.74E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
4369	ALL	462727.2	3773770	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.73E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
4370	ALL	462718.6	3773766	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.72E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
4371	ALL	462709.9	3773762	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.67E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
4372	ALL	462701.3	3773759	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.69E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06

4373	ALL	462692.6	3773755	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.61E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
4374	ALL	462684	3773752	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.47E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
4375	ALL	462675.3	3773748	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.30E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
4376	ALL	462666.7	3773745	NonCancer	0.00E+00	2.32E-08	1.39E-06	0.00E+00	0.00E+00	1.41E-06	7.23E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.41E-06
4377	ALL	462658	3773741	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.25E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
4378	ALL	462649.4	3773737	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.22E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
4379	ALL	462640.7	3773734	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.14E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
4380	ALL	462632.1	3773730	NonCancer	0.00E+00	2.26E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.06E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
4381	ALL	462606.1	3773720	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.96E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
4382	ALL	462597.5	3773716	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.90E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
4383	ALL	462588.8	3773713	NonCancer	0.00E+00	2.17E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.77E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
4384	ALL	462580.2	3773709	NonCancer	0.00E+00	2.15E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.70E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
4385	ALL	462571.5	3773705	NonCancer	0.00E+00	2.11E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.60E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
4386	ALL	462562.9	3773702	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.46E-07	0.00E+00	9.87E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
4387	ALL	462554.2	3773698	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.30E-07	0.00E+00	9.63E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
4388	ALL	462545.6	3773695	NonCancer	0.00E+00	1.97E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.15E-07	0.00E+00	9.41E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
4389	ALL	462537	3773691	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.07E-07	0.00E+00	9.28E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4390	ALL	462528.3	3773688	NonCancer	0.00E+00	1.92E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.98E-07	0.00E+00	9.13E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
4391	ALL	462519.7	3773684	NonCancer	0.00E+00	1.90E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.91E-07	0.00E+00	9.04E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
4392	ALL	462511	3773681	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.01E-07	0.00E+00	9.18E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
4393	ALL	462502.4	3773677	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.05E-07	0.00E+00	9.25E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4394	ALL	462494.8	3773670	NonCancer	0.00E+00	1.94E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.04E-07	0.00E+00	9.23E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
4395	ALL	462491.1	3773662	NonCancer	0.00E+00	1.90E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.93E-07	0.00E+00	9.06E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
4396	ALL	462487.5	3773653	NonCancer	0.00E+00	1.87E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.84E-07	0.00E+00	8.93E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
4397	ALL	462483.9	3773644	NonCancer	0.00E+00	1.87E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.83E-07	0.00E+00	8.91E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
4398	ALL	462480.2	3773636	NonCancer	0.00E+00	1.87E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.83E-07	0.00E+00	8.91E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
4399	ALL	462476.6	3773627	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.87E-07	0.00E+00	8.97E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
4400	ALL	462469.3	3773610	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.58E-07	0.00E+00	8.53E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
4401	ALL	462465.7	3773601	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.48E-07	0.00E+00	8.38E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
4402	ALL	462462	3773593	NonCancer	0.00E+00	1.74E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.43E-07	0.00E+00	8.30E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
4403	ALL	462458.4	3773584	NonCancer	0.00E+00	1.74E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.41E-07	0.00E+00	8.27E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
4404	ALL	462454.8	3773576	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.40E-07	0.00E+00	8.26E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
4405	ALL	462451.1	3773567	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.38E-07	0.00E+00	8.23E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
4406	ALL	462447.5	3773558	NonCancer	0.00E+00	1.68E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.26E-07	0.00E+00	8.03E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
4407	ALL	462443.8	3773550	NonCancer	0.00E+00	1.65E-08	9.94E-07	0.00E+00	0.00E+00	1.00E-06	5.15E-07	0.00E+00	7.87E-07	0.00E+00	0.00E+00	9.94E-07	0.00E+00	0.00E+00	1.00E-06
4408	ALL	462440.2	3773541	NonCancer	0.00E+00	1.60E-08	9.65E-07	0.00E+00	0.00E+00	9.72E-07	5.00E-07	0.00E+00	7.64E-07	0.00E+00	0.00E+00	9.65E-07	0.00E+00	0.00E+00	9.72E-07
4409	ALL	462432.9	3773524	NonCancer	0.00E+00	1.64E-08	9.88E-07	0.00E+00	0.00E+00	9.96E-07	5.12E-07	0.00E+00	7.83E-07	0.00E+00	0.00E+00	9.88E-07	0.00E+00	0.00E+00	9.96E-07
4410	ALL	462429.3	3773515	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.32E-07	0.00E+00	8.14E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
4411	ALL	462425.7	3773507	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.48E-07	0.00E+00	8.38E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
4412	ALL	462422	3773498	NonCancer	0.00E+00	1.80E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.60E-07	0.00E+00	8.56E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
4413	ALL	462418.4	3773489	NonCancer	0.00E+00	1.82E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.67E-07	0.00E+00	8.66E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
4414	ALL	462403.8	3773455	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.46E-07	0.00E+00	8.34E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
4415	ALL	462400.2	3773446	NonCancer	0.00E+00	1.69E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.29E-07	0.00E+00	8.08E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
4416	ALL	462917.5	3773888	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.85E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
4417	ALL	462908.8	3773884	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.77E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
4418	ALL	462900.2	3773881	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.65E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
4419	ALL	462891.6	3773877	NonCancer	0.00E+00	2.73E-08	1.64E-06	0.00E+00	0.00E+00	1.66E-06	8.52E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.66E-06
4420	ALL	462882.9	3773874	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.38E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
4421	ALL	462874.3	3773870	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.30E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
4422	ALL	462865.7	3773866	NonCancer	0.00E+00	2.62E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.19E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
4423	ALL	462857	3773863	NonCancer	0.00E+00	2.60E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.12E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
4424	ALL	462848.4	3773859	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.13E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
4425	ALL	462839.8	3773856	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.25E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
4426	ALL	462831.1	3773852	NonCancer	0.00E+00	2.65E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.28E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06

4427	ALL	462822.5	3773849	NonCancer	0.00E+00	2.65E-08	1.59E-06	0.00E+00	0.00E+00	1.61E-06	8.26E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.61E-06
4428	ALL	462813.9	3773845	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.60E-06	8.21E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.60E-06
4429	ALL	462805.2	3773842	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.59E-06	8.16E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.59E-06
4430	ALL	462796.6	3773838	NonCancer	0.00E+00	2.59E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.07E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
4431	ALL	462787.9	3773834	NonCancer	0.00E+00	2.57E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.02E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
4432	ALL	462779.3	3773831	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.98E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
4433	ALL	462770.7	3773827	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.92E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
4434	ALL	462762	3773824	NonCancer	0.00E+00	2.52E-08	1.51E-06	0.00E+00	0.00E+00	1.53E-06	7.85E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.53E-06
4435	ALL	462753.4	3773820	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.84E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
4436	ALL	462744.8	3773817	NonCancer	0.00E+00	2.50E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.81E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
4437	ALL	462736.1	3773813	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.76E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
4438	ALL	462727.5	3773810	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.73E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
4439	ALL	462718.9	3773806	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.78E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
4440	ALL	462710.2	3773803	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.78E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
4441	ALL	462701.6	3773799	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.77E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
4442	ALL	462693	3773795	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.73E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
4443	ALL	462684.3	3773792	NonCancer	0.00E+00	2.47E-08	1.48E-06	0.00E+00	0.00E+00	1.50E-06	7.69E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.50E-06
4444	ALL	462675.7	3773788	NonCancer	0.00E+00	2.47E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.70E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
4445	ALL	462667.1	3773785	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.67E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
4446	ALL	462658.4	3773781	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.48E-06	7.59E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.48E-06
4447	ALL	462649.8	3773778	NonCancer	0.00E+00	2.41E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.52E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
4448	ALL	462641.1	3773774	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.47E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
4449	ALL	462632.5	3773771	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.40E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
4450	ALL	462598	3773756	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.84E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
4451	ALL	462589.3	3773753	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.74E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
4452	ALL	462580.7	3773749	NonCancer	0.00E+00	2.12E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.62E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
4453	ALL	462572.1	3773746	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.50E-07	0.00E+00	9.93E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
4454	ALL	462563.4	3773742	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.47E-07	0.00E+00	9.88E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
4455	ALL	462554.8	3773739	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.46E-07	0.00E+00	9.88E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
4456	ALL	462546.2	3773735	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.44E-07	0.00E+00	9.85E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
4457	ALL	462537.5	3773731	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.39E-07	0.00E+00	9.77E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4458	ALL	462528.9	3773728	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.33E-07	0.00E+00	9.68E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
4459	ALL	462520.3	3773724	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.26E-07	0.00E+00	9.56E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
4460	ALL	462511.6	3773721	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.23E-07	0.00E+00	9.52E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4461	ALL	462503	3773717	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.21E-07	0.00E+00	9.48E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4462	ALL	462494.3	3773714	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.17E-07	0.00E+00	9.42E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
4463	ALL	462485.7	3773710	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.11E-07	0.00E+00	9.34E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
4464	ALL	462477.1	3773707	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.07E-07	0.00E+00	9.28E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4465	ALL	462467.8	3773702	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.05E-07	0.00E+00	9.25E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4466	ALL	462464.2	3773693	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.08E-07	0.00E+00	9.29E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4467	ALL	462460.6	3773684	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.04E-07	0.00E+00	9.24E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4468	ALL	462456.9	3773676	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.87E-07	0.00E+00	8.97E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
4469	ALL	462453.3	3773667	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.70E-07	0.00E+00	8.71E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
4470	ALL	462449.7	3773659	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.54E-07	0.00E+00	8.47E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
4471	ALL	462446	3773650	NonCancer	0.00E+00	1.77E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.52E-07	0.00E+00	8.43E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
4472	ALL	462442.4	3773641	NonCancer	0.00E+00	1.77E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.53E-07	0.00E+00	8.46E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
4473	ALL	462438.8	3773633	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.56E-07	0.00E+00	8.50E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
4474	ALL	462427.9	3773607	NonCancer	0.00E+00	1.67E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.22E-07	0.00E+00	7.98E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
4475	ALL	462424.2	3773598	NonCancer	0.00E+00	1.65E-08	9.93E-07	0.00E+00	0.00E+00	1.00E-06	5.15E-07	0.00E+00	7.87E-07	0.00E+00	0.00E+00	9.93E-07	0.00E+00	0.00E+00	1.00E-06
4476	ALL	462420.6	3773590	NonCancer	0.00E+00	1.65E-08	9.95E-07	0.00E+00	0.00E+00	1.00E-06	5.16E-07	0.00E+00	7.88E-07	0.00E+00	0.00E+00	9.95E-07	0.00E+00	0.00E+00	1.00E-06
4477	ALL	462417	3773581	NonCancer	0.00E+00	1.66E-08	9.97E-07	0.00E+00	0.00E+00	1.01E-06	5.17E-07	0.00E+00	7.90E-07	0.00E+00	0.00E+00	9.97E-07	0.00E+00	0.00E+00	1.01E-06
4478	ALL	462413.3	3773573	NonCancer	0.00E+00	1.64E-08	9.89E-07	0.00E+00	0.00E+00	9.97E-07	5.13E-07	0.00E+00	7.84E-07	0.00E+00	0.00E+00	9.89E-07	0.00E+00	0.00E+00	9.97E-07
4479	ALL	462409.7	3773564	NonCancer	0.00E+00	1.62E-08	9.73E-07	0.00E+00	0.00E+00	9.81E-07	5.05E-07	0.00E+00	7.71E-07	0.00E+00	0.00E+00	9.73E-07	0.00E+00	0.00E+00	9.81E-07
4480	ALL	462406.1	3773555	NonCancer	0.00E+00	1.60E-08	9.65E-07	0.00E+00	0.00E+00	9.73E-07	5.00E-07	0.00E+00	7.65E-07	0.00E+00	0.00E+00	9.65E-07	0.00E+00	0.00E+00	9.73E-07

4481	ALL	462402.4	3773547	NonCancer	0.00E+00	1.61E-08	9.67E-07	0.00E+00	0.00E+00	9.75E-07	5.02E-07	0.00E+00	7.67E-07	0.00E+00	0.00E+00	9.67E-07	0.00E+00	0.00E+00	9.75E-07
4482	ALL	462398.8	3773538	NonCancer	0.00E+00	1.61E-08	9.69E-07	0.00E+00	0.00E+00	9.77E-07	5.02E-07	0.00E+00	7.68E-07	0.00E+00	0.00E+00	9.69E-07	0.00E+00	0.00E+00	9.77E-07
4483	ALL	462917.5	3773928	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.69E-06	8.67E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.69E-06
4484	ALL	462908.8	3773924	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.62E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
4485	ALL	462900.2	3773921	NonCancer	0.00E+00	2.75E-08	1.65E-06	0.00E+00	0.00E+00	1.67E-06	8.57E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.67E-06
4486	ALL	462891.5	3773917	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.54E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
4487	ALL	462882.9	3773914	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.49E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
4488	ALL	462874.2	3773910	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.45E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
4489	ALL	462865.6	3773906	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.45E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
4490	ALL	462856.9	3773903	NonCancer	0.00E+00	2.70E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.43E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
4491	ALL	462848.3	3773899	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.40E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
4492	ALL	462839.6	3773896	NonCancer	0.00E+00	2.68E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.35E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
4493	ALL	462831	3773892	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.62E-06	8.31E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.62E-06
4494	ALL	462822.3	3773889	NonCancer	0.00E+00	2.65E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.28E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
4495	ALL	462813.7	3773885	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.25E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
4496	ALL	462805	3773882	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.24E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
4497	ALL	462796.4	3773878	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.24E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
4498	ALL	462787.7	3773874	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.30E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
4499	ALL	462779.1	3773871	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.62E-06	8.31E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.62E-06
4500	ALL	462770.4	3773867	NonCancer	0.00E+00	2.65E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.27E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
4501	ALL	462761.8	3773864	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.14E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
4502	ALL	462753.1	3773860	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.99E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
4503	ALL	462744.5	3773857	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.88E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
4504	ALL	462735.8	3773853	NonCancer	0.00E+00	2.50E-08	1.50E-06	0.00E+00	0.00E+00	1.52E-06	7.79E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.52E-06
4505	ALL	462727.2	3773849	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.67E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
4506	ALL	462718.5	3773846	NonCancer	0.00E+00	2.41E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.51E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
4507	ALL	462709.9	3773842	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.45E-06	7.44E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.45E-06
4508	ALL	462701.2	3773839	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.41E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
4509	ALL	462692.6	3773835	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.39E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
4510	ALL	462683.9	3773832	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.37E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
4511	ALL	462675.3	3773828	NonCancer	0.00E+00	2.35E-08	1.41E-06	0.00E+00	0.00E+00	1.43E-06	7.33E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.43E-06
4512	ALL	462666.6	3773825	NonCancer	0.00E+00	2.35E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.34E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
4513	ALL	462658	3773821	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.41E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
4514	ALL	462649.3	3773817	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.41E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
4515	ALL	462640.7	3773814	NonCancer	0.00E+00	2.35E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.34E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
4516	ALL	462632	3773810	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.21E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
4517	ALL	462606.1	3773800	NonCancer	0.00E+00	2.27E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.09E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
4518	ALL	462597.4	3773796	NonCancer	0.00E+00	2.26E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.05E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
4519	ALL	462588.8	3773793	NonCancer	0.00E+00	2.24E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.98E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
4520	ALL	462580.1	3773789	NonCancer	0.00E+00	2.22E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.94E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
4521	ALL	462571.5	3773785	NonCancer	0.00E+00	2.22E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.92E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
4522	ALL	462562.8	3773782	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.89E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
4523	ALL	462554.2	3773778	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.84E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
4524	ALL	462545.5	3773775	NonCancer	0.00E+00	2.17E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.76E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
4525	ALL	462536.9	3773771	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.66E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
4526	ALL	462502.3	3773757	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.21E-07	0.00E+00	9.49E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4527	ALL	462493.6	3773753	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.07E-07	0.00E+00	9.28E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4528	ALL	462485	3773750	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.06E-07	0.00E+00	9.26E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4529	ALL	462476.3	3773746	NonCancer	0.00E+00	1.97E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.15E-07	0.00E+00	9.40E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
4530	ALL	462467.7	3773743	NonCancer	0.00E+00	2.00E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.25E-07	0.00E+00	9.56E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
4531	ALL	462459	3773739	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.27E-07	0.00E+00	9.59E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
4532	ALL	462450.4	3773736	NonCancer	0.00E+00	1.97E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.14E-07	0.00E+00	9.38E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
4533	ALL	462441.7	3773732	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.17E-06	6.04E-07	0.00E+00	9.23E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.17E-06
4534	ALL	462436.6	3773723	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.87E-07	0.00E+00	8.97E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06

4535	ALL	462433	3773714	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.75E-07	0.00E+00	8.78E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
4536	ALL	462429.4	3773706	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.75E-07	0.00E+00	8.78E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
4537	ALL	462425.7	3773697	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.74E-07	0.00E+00	8.78E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
4538	ALL	462422.1	3773688	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.77E-07	0.00E+00	8.81E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
4539	ALL	462418.5	3773680	NonCancer	0.00E+00	1.81E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.65E-07	0.00E+00	8.64E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
4540	ALL	462414.8	3773671	NonCancer	0.00E+00	1.75E-08	1.06E-06	0.00E+00	0.00E+00	1.06E-06	5.47E-07	0.00E+00	8.36E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.06E-06
4541	ALL	462411.2	3773662	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.33E-07	0.00E+00	8.15E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
4542	ALL	462407.5	3773654	NonCancer	0.00E+00	1.68E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.25E-07	0.00E+00	8.02E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
4543	ALL	462403.9	3773645	NonCancer	0.00E+00	1.69E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.26E-07	0.00E+00	8.04E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
4544	ALL	462400.3	3773637	NonCancer	0.00E+00	1.69E-08	1.02E-06	0.00E+00	0.00E+00	1.02E-06	5.26E-07	0.00E+00	8.05E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.02E-06
4545	ALL	462396.6	3773628	NonCancer	0.00E+00	1.68E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.25E-07	0.00E+00	8.03E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
4546	ALL	462385.7	3773602	NonCancer	0.00E+00	1.70E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.30E-07	0.00E+00	8.09E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
4547	ALL	462382.1	3773594	NonCancer	0.00E+00	1.68E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.25E-07	0.00E+00	8.03E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
4548	ALL	462378.4	3773585	NonCancer	0.00E+00	1.64E-08	9.85E-07	0.00E+00	0.00E+00	9.93E-07	5.11E-07	0.00E+00	7.81E-07	0.00E+00	0.00E+00	9.85E-07	0.00E+00	0.00E+00	9.93E-07
4549	ALL	462374.8	3773576	NonCancer	0.00E+00	1.59E-08	9.55E-07	0.00E+00	0.00E+00	9.63E-07	4.95E-07	0.00E+00	7.57E-07	0.00E+00	0.00E+00	9.55E-07	0.00E+00	0.00E+00	9.63E-07
4550	ALL	462371.1	3773568	NonCancer	0.00E+00	1.54E-08	9.27E-07	0.00E+00	0.00E+00	9.35E-07	4.81E-07	0.00E+00	7.35E-07	0.00E+00	0.00E+00	9.27E-07	0.00E+00	0.00E+00	9.35E-07
4551	ALL	462367.5	3773559	NonCancer	0.00E+00	1.53E-08	9.19E-07	0.00E+00	0.00E+00	9.27E-07	4.77E-07	0.00E+00	7.28E-07	0.00E+00	0.00E+00	9.19E-07	0.00E+00	0.00E+00	9.27E-07
4552	ALL	462363.9	3773550	NonCancer	0.00E+00	1.52E-08	9.14E-07	0.00E+00	0.00E+00	9.21E-07	4.74E-07	0.00E+00	7.24E-07	0.00E+00	0.00E+00	9.14E-07	0.00E+00	0.00E+00	9.21E-07
4553	ALL	462360.2	3773542	NonCancer	0.00E+00	1.54E-08	9.26E-07	0.00E+00	0.00E+00	9.33E-07	4.80E-07	0.00E+00	7.34E-07	0.00E+00	0.00E+00	9.26E-07	0.00E+00	0.00E+00	9.33E-07
4554	ALL	462356.6	3773533	NonCancer	0.00E+00	1.57E-08	9.46E-07	0.00E+00	0.00E+00	9.54E-07	4.90E-07	0.00E+00	7.50E-07	0.00E+00	0.00E+00	9.46E-07	0.00E+00	0.00E+00	9.54E-07
4555	ALL	462353	3773525	NonCancer	0.00E+00	1.59E-08	9.56E-07	0.00E+00	0.00E+00	9.64E-07	4.96E-07	0.00E+00	7.58E-07	0.00E+00	0.00E+00	9.56E-07	0.00E+00	0.00E+00	9.64E-07
4556	ALL	462349.3	3773516	NonCancer	0.00E+00	1.59E-08	9.57E-07	0.00E+00	0.00E+00	9.65E-07	4.96E-07	0.00E+00	7.59E-07	0.00E+00	0.00E+00	9.57E-07	0.00E+00	0.00E+00	9.65E-07
4557	ALL	462345.7	3773507	NonCancer	0.00E+00	1.58E-08	9.50E-07	0.00E+00	0.00E+00	9.57E-07	4.92E-07	0.00E+00	7.52E-07	0.00E+00	0.00E+00	9.50E-07	0.00E+00	0.00E+00	9.57E-07
4558	ALL	462342	3773499	NonCancer	0.00E+00	1.57E-08	9.47E-07	0.00E+00	0.00E+00	9.54E-07	4.91E-07	0.00E+00	7.50E-07	0.00E+00	0.00E+00	9.47E-07	0.00E+00	0.00E+00	9.54E-07
4559	ALL	462338.4	3773490	NonCancer	0.00E+00	1.56E-08	9.40E-07	0.00E+00	0.00E+00	9.48E-07	4.87E-07	0.00E+00	7.45E-07	0.00E+00	0.00E+00	9.40E-07	0.00E+00	0.00E+00	9.48E-07
4560	ALL	462917.5	3773968	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.86E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
4561	ALL	462908.8	3773964	NonCancer	0.00E+00	2.83E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.84E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
4562	ALL	462900.2	3773961	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.81E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
4563	ALL	462891.6	3773957	NonCancer	0.00E+00	2.80E-08	1.69E-06	0.00E+00	0.00E+00	1.70E-06	8.74E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.70E-06
4564	ALL	462882.9	3773954	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.62E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
4565	ALL	462874.3	3773950	NonCancer	0.00E+00	2.73E-08	1.64E-06	0.00E+00	0.00E+00	1.66E-06	8.52E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.66E-06
4566	ALL	462865.6	3773946	NonCancer	0.00E+00	2.70E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.44E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
4567	ALL	462857	3773943	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.39E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
4568	ALL	462848.4	3773939	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.35E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
4569	ALL	462839.7	3773936	NonCancer	0.00E+00	2.68E-08	1.61E-06	0.00E+00	0.00E+00	1.63E-06	8.37E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.63E-06
4570	ALL	462831.1	3773932	NonCancer	0.00E+00	2.70E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.43E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
4571	ALL	462822.5	3773929	NonCancer	0.00E+00	2.73E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.50E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
4572	ALL	462813.8	3773925	NonCancer	0.00E+00	2.73E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.51E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
4573	ALL	462805.2	3773922	NonCancer	0.00E+00	2.70E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.44E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
4574	ALL	462796.5	3773918	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.33E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
4575	ALL	462787.9	3773914	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.60E-06	8.21E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.60E-06
4576	ALL	462779.3	3773911	NonCancer	0.00E+00	2.62E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.18E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
4577	ALL	462770.6	3773907	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.15E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
4578	ALL	462762	3773904	NonCancer	0.00E+00	2.59E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.07E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
4579	ALL	462753.3	3773900	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.93E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
4580	ALL	462744.7	3773897	NonCancer	0.00E+00	2.50E-08	1.50E-06	0.00E+00	0.00E+00	1.52E-06	7.80E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.52E-06
4581	ALL	462736.1	3773893	NonCancer	0.00E+00	2.47E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.72E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
4582	ALL	462727.4	3773890	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.50E-06	7.69E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.50E-06
4583	ALL	462718.8	3773886	NonCancer	0.00E+00	2.45E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.66E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
4584	ALL	462710.2	3773882	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.61E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
4585	ALL	462701.5	3773879	NonCancer	0.00E+00	2.42E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.56E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
4586	ALL	462692.9	3773875	NonCancer	0.00E+00	2.41E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.53E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
4587	ALL	462684.2	3773872	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.58E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
4588	ALL	462675.6	3773868	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.61E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06

4589	ALL	462667	3773865	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.58E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
4590	ALL	462658.3	3773861	NonCancer	0.00E+00	2.41E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.53E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
4591	ALL	462649.7	3773858	NonCancer	0.00E+00	2.40E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.49E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
4592	ALL	462641	3773854	NonCancer	0.00E+00	2.42E-08	1.45E-06	0.00E+00	0.00E+00	1.47E-06	7.54E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.47E-06
4593	ALL	462632.4	3773850	NonCancer	0.00E+00	2.40E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.50E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
4594	ALL	462606.5	3773840	NonCancer	0.00E+00	2.35E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.34E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
4595	ALL	462597.9	3773836	NonCancer	0.00E+00	2.35E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.34E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
4596	ALL	462589.2	3773833	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.25E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
4597	ALL	462580.6	3773829	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.16E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
4598	ALL	462571.9	3773826	NonCancer	0.00E+00	2.26E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.05E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
4599	ALL	462563.3	3773822	NonCancer	0.00E+00	2.22E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.91E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
4600	ALL	462554.7	3773818	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.83E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
4601	ALL	462546	3773815	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.74E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
4602	ALL	462537.4	3773811	NonCancer	0.00E+00	2.13E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.64E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
4603	ALL	462528.7	3773808	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.50E-07	0.00E+00	9.93E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
4604	ALL	462520.1	3773804	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.42E-07	0.00E+00	9.81E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
4605	ALL	462511.5	3773801	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.41E-07	0.00E+00	9.80E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
4606	ALL	462502.8	3773797	NonCancer	0.00E+00	2.05E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.41E-07	0.00E+00	9.80E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
4607	ALL	462494.2	3773794	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.40E-07	0.00E+00	9.78E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4608	ALL	462485.6	3773790	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.36E-07	0.00E+00	9.73E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4609	ALL	462476.9	3773786	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.30E-07	0.00E+00	9.63E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
4610	ALL	462468.3	3773783	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.22E-07	0.00E+00	9.51E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4611	ALL	462459.6	3773779	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.20E-07	0.00E+00	9.47E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4612	ALL	462451	3773776	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.18E-07	0.00E+00	9.44E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
4613	ALL	462442.4	3773772	NonCancer	0.00E+00	1.97E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.14E-07	0.00E+00	9.38E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
4614	ALL	462409.7	3773754	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.03E-07	0.00E+00	9.22E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
4615	ALL	462406.1	3773745	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.03E-07	0.00E+00	9.22E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
4616	ALL	462402.4	3773737	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.86E-07	0.00E+00	8.96E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
4617	ALL	462398.8	3773728	NonCancer	0.00E+00	1.82E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.69E-07	0.00E+00	8.70E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
4618	ALL	462395.2	3773720	NonCancer	0.00E+00	1.77E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.51E-07	0.00E+00	8.42E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
4619	ALL	462391.5	3773711	NonCancer	0.00E+00	1.75E-08	1.06E-06	0.00E+00	0.00E+00	1.06E-06	5.47E-07	0.00E+00	8.36E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.06E-06
4620	ALL	462387.9	3773702	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.49E-07	0.00E+00	8.39E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
4621	ALL	462384.3	3773694	NonCancer	0.00E+00	1.77E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.51E-07	0.00E+00	8.43E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
4622	ALL	462380.6	3773685	NonCancer	0.00E+00	1.77E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.53E-07	0.00E+00	8.45E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
4623	ALL	462377	3773677	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.50E-07	0.00E+00	8.40E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
4624	ALL	462373.4	3773668	NonCancer	0.00E+00	1.77E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.51E-07	0.00E+00	8.42E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
4625	ALL	462369.7	3773659	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.59E-07	0.00E+00	8.55E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
4626	ALL	462366.1	3773651	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.48E-07	0.00E+00	8.37E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
4627	ALL	462362.5	3773642	NonCancer	0.00E+00	1.70E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.31E-07	0.00E+00	8.11E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
4628	ALL	462358.8	3773634	NonCancer	0.00E+00	1.65E-08	9.92E-07	0.00E+00	0.00E+00	1.00E-06	5.14E-07	0.00E+00	7.86E-07	0.00E+00	0.00E+00	9.92E-07	0.00E+00	0.00E+00	1.00E-06
4629	ALL	462355.2	3773625	NonCancer	0.00E+00	1.61E-08	9.67E-07	0.00E+00	0.00E+00	9.75E-07	5.01E-07	0.00E+00	7.66E-07	0.00E+00	0.00E+00	9.67E-07	0.00E+00	0.00E+00	9.75E-07
4630	ALL	462351.6	3773616	NonCancer	0.00E+00	1.61E-08	9.66E-07	0.00E+00	0.00E+00	9.74E-07	5.01E-07	0.00E+00	7.65E-07	0.00E+00	0.00E+00	9.66E-07	0.00E+00	0.00E+00	9.74E-07
4631	ALL	462344.3	3773599	NonCancer	0.00E+00	1.61E-08	9.70E-07	0.00E+00	0.00E+00	9.78E-07	5.03E-07	0.00E+00	7.69E-07	0.00E+00	0.00E+00	9.70E-07	0.00E+00	0.00E+00	9.78E-07
4632	ALL	462340.7	3773591	NonCancer	0.00E+00	1.59E-08	9.55E-07	0.00E+00	0.00E+00	9.63E-07	4.95E-07	0.00E+00	7.57E-07	0.00E+00	0.00E+00	9.55E-07	0.00E+00	0.00E+00	9.63E-07
4633	ALL	462337	3773582	NonCancer	0.00E+00	1.54E-08	9.26E-07	0.00E+00	0.00E+00	9.33E-07	4.80E-07	0.00E+00	7.33E-07	0.00E+00	0.00E+00	9.26E-07	0.00E+00	0.00E+00	9.33E-07
4634	ALL	462333.4	3773573	NonCancer	0.00E+00	1.48E-08	8.93E-07	0.00E+00	0.00E+00	9.00E-07	4.63E-07	0.00E+00	7.08E-07	0.00E+00	0.00E+00	8.93E-07	0.00E+00	0.00E+00	9.00E-07
4635	ALL	462329.8	3773565	NonCancer	0.00E+00	1.44E-08	8.66E-07	0.00E+00	0.00E+00	8.73E-07	4.49E-07	0.00E+00	6.86E-07	0.00E+00	0.00E+00	8.66E-07	0.00E+00	0.00E+00	8.73E-07
4636	ALL	462326.1	3773556	NonCancer	0.00E+00	1.45E-08	8.70E-07	0.00E+00	0.00E+00	8.77E-07	4.51E-07	0.00E+00	6.89E-07	0.00E+00	0.00E+00	8.70E-07	0.00E+00	0.00E+00	8.77E-07
4637	ALL	462322.5	3773548	NonCancer	0.00E+00	1.47E-08	8.87E-07	0.00E+00	0.00E+00	8.94E-07	4.60E-07	0.00E+00	7.03E-07	0.00E+00	0.00E+00	8.87E-07	0.00E+00	0.00E+00	8.94E-07
4638	ALL	462318.9	3773539	NonCancer	0.00E+00	1.50E-08	9.03E-07	0.00E+00	0.00E+00	9.10E-07	4.68E-07	0.00E+00	7.15E-07	0.00E+00	0.00E+00	9.03E-07	0.00E+00	0.00E+00	9.10E-07
4639	ALL	462315.2	3773530	NonCancer	0.00E+00	1.51E-08	9.07E-07	0.00E+00	0.00E+00	9.14E-07	4.70E-07	0.00E+00	7.18E-07	0.00E+00	0.00E+00	9.07E-07	0.00E+00	0.00E+00	9.14E-07
4640	ALL	462311.6	3773522	NonCancer	0.00E+00	1.50E-08	9.01E-07	0.00E+00	0.00E+00	9.08E-07	4.67E-07	0.00E+00	7.14E-07	0.00E+00	0.00E+00	9.01E-07	0.00E+00	0.00E+00	9.08E-07
4641	ALL	462308	3773513	NonCancer	0.00E+00	1.48E-08	8.92E-07	0.00E+00	0.00E+00	8.99E-07	4.62E-07	0.00E+00	7.07E-07	0.00E+00	0.00E+00	8.92E-07	0.00E+00	0.00E+00	8.99E-07
4642	ALL	462304.3	3773505	NonCancer	0.00E+00	1.46E-08	8.82E-07	0.00E+00	0.00E+00	8.89E-07	4.57E-07	0.00E+00	6.99E-07	0.00E+00	0.00E+00	8.82E-07	0.00E+00	0.00E+00	8.89E-07

4643	ALL	462300.7	3773496	NonCancer	0.00E+00	1.44E-08	8.68E-07	0.00E+00	0.00E+00	8.75E-07	4.50E-07	0.00E+00	6.88E-07	0.00E+00	0.00E+00	8.68E-07	0.00E+00	0.00E+00	8.75E-07
4644	ALL	462917.5	3774008	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.85E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
4645	ALL	462908.8	3774004	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.83E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
4646	ALL	462900.2	3774001	NonCancer	0.00E+00	2.80E-08	1.69E-06	0.00E+00	0.00E+00	1.70E-06	8.75E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.70E-06
4647	ALL	462891.5	3773997	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.62E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
4648	ALL	462882.9	3773994	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.50E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
4649	ALL	462874.2	3773990	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.49E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
4650	ALL	462865.6	3773986	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.60E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
4651	ALL	462856.9	3773983	NonCancer	0.00E+00	2.80E-08	1.68E-06	0.00E+00	0.00E+00	1.70E-06	8.73E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.70E-06
4652	ALL	462848.3	3773979	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.80E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
4653	ALL	462839.6	3773976	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.70E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
4654	ALL	462831	3773972	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.61E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
4655	ALL	462822.3	3773969	NonCancer	0.00E+00	2.73E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.51E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
4656	ALL	462813.7	3773965	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.39E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
4657	ALL	462805	3773962	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.29E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
4658	ALL	462796.4	3773958	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.60E-06	8.21E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.60E-06
4659	ALL	462787.7	3773954	NonCancer	0.00E+00	2.62E-08	1.57E-06	0.00E+00	0.00E+00	1.59E-06	8.16E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.59E-06
4660	ALL	462779.1	3773951	NonCancer	0.00E+00	2.60E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.12E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
4661	ALL	462770.4	3773947	NonCancer	0.00E+00	2.60E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.10E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
4662	ALL	462761.7	3773944	NonCancer	0.00E+00	2.60E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.12E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
4663	ALL	462753.1	3773940	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.13E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
4664	ALL	462744.4	3773937	NonCancer	0.00E+00	2.60E-08	1.56E-06	0.00E+00	0.00E+00	1.58E-06	8.10E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.58E-06
4665	ALL	462735.8	3773933	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.04E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
4666	ALL	462727.1	3773929	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.98E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
4667	ALL	462718.5	3773926	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.92E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
4668	ALL	462709.8	3773922	NonCancer	0.00E+00	2.50E-08	1.50E-06	0.00E+00	0.00E+00	1.52E-06	7.80E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.52E-06
4669	ALL	462701.2	3773919	NonCancer	0.00E+00	2.47E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.71E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
4670	ALL	462692.5	3773915	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.61E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
4671	ALL	462683.9	3773912	NonCancer	0.00E+00	2.40E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.50E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
4672	ALL	462675.2	3773908	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.40E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
4673	ALL	462666.6	3773905	NonCancer	0.00E+00	2.35E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.34E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
4674	ALL	462657.9	3773901	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.31E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
4675	ALL	462649.3	3773897	NonCancer	0.00E+00	2.33E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.26E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
4676	ALL	462640.6	3773894	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.22E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
4677	ALL	462632	3773890	NonCancer	0.00E+00	2.30E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.19E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
4678	ALL	462606	3773880	NonCancer	0.00E+00	2.28E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.12E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
4679	ALL	462597.4	3773876	NonCancer	0.00E+00	2.27E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.08E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
4680	ALL	462588.7	3773873	NonCancer	0.00E+00	2.26E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.06E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
4681	ALL	462580.1	3773869	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.02E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
4682	ALL	462571.4	3773865	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.96E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
4683	ALL	462562.8	3773862	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.94E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
4684	ALL	462554.1	3773858	NonCancer	0.00E+00	2.22E-08	1.33E-06	0.00E+00	0.00E+00	1.35E-06	6.92E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.35E-06
4685	ALL	462545.5	3773855	NonCancer	0.00E+00	2.20E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.88E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
4686	ALL	462536.8	3773851	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.84E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
4687	ALL	462528.2	3773848	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.82E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
4688	ALL	462519.5	3773844	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.80E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
4689	ALL	462510.9	3773840	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.75E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
4690	ALL	462502.2	3773837	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.69E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
4691	ALL	462493.6	3773833	NonCancer	0.00E+00	2.11E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.57E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
4692	ALL	462484.9	3773830	NonCancer	0.00E+00	2.09E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.51E-07	0.00E+00	9.96E-07	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
4693	ALL	462476.3	3773826	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.46E-07	0.00E+00	9.87E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
4694	ALL	462467.6	3773823	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.38E-07	0.00E+00	9.75E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4695	ALL	462459	3773819	NonCancer	0.00E+00	2.02E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.30E-07	0.00E+00	9.62E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
4696	ALL	462450.3	3773816	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.28E-07	0.00E+00	9.60E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06

4697	ALL	462441.7	3773812	NonCancer	0.00E+00	2.02E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.30E-07	0.00E+00	9.62E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
4698	ALL	462433	3773808	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.38E-07	0.00E+00	9.75E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4699	ALL	462424.3	3773805	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.39E-07	0.00E+00	9.77E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4700	ALL	462415.7	3773801	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.28E-07	0.00E+00	9.61E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
4701	ALL	462407	3773798	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.17E-07	0.00E+00	9.42E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
4702	ALL	462398.4	3773794	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.04E-07	0.00E+00	9.24E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4703	ALL	462389.7	3773791	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.96E-07	0.00E+00	9.12E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
4704	ALL	462382.2	3773784	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.86E-07	0.00E+00	8.96E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
4705	ALL	462378.5	3773775	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.74E-07	0.00E+00	8.78E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
4706	ALL	462367.6	3773749	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.76E-07	0.00E+00	8.80E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
4707	ALL	462364	3773741	NonCancer	0.00E+00	1.82E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.69E-07	0.00E+00	8.70E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
4708	ALL	462360.3	3773732	NonCancer	0.00E+00	1.80E-08	1.09E-06	0.00E+00	0.00E+00	1.09E-06	5.63E-07	0.00E+00	8.60E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.09E-06
4709	ALL	462356.7	3773724	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.08E-06	5.57E-07	0.00E+00	8.52E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.08E-06
4710	ALL	462353	3773715	NonCancer	0.00E+00	1.79E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.57E-07	0.00E+00	8.51E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
4711	ALL	462349.4	3773706	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.54E-07	0.00E+00	8.47E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
4712	ALL	462345.8	3773698	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.45E-07	0.00E+00	8.33E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
4713	ALL	462342.1	3773689	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.33E-07	0.00E+00	8.15E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
4714	ALL	462338.5	3773681	NonCancer	0.00E+00	1.70E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.30E-07	0.00E+00	8.11E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
4715	ALL	462334.8	3773672	NonCancer	0.00E+00	1.70E-08	1.03E-06	0.00E+00	0.00E+00	1.03E-06	5.32E-07	0.00E+00	8.12E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.03E-06
4716	ALL	462331.2	3773663	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.35E-07	0.00E+00	8.18E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
4717	ALL	462327.6	3773655	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.34E-07	0.00E+00	8.16E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
4718	ALL	462323.9	3773646	NonCancer	0.00E+00	1.65E-08	9.94E-07	0.00E+00	0.00E+00	1.00E-06	5.15E-07	0.00E+00	7.87E-07	0.00E+00	0.00E+00	9.94E-07	0.00E+00	0.00E+00	1.00E-06
4719	ALL	462320.3	3773637	NonCancer	0.00E+00	1.59E-08	9.58E-07	0.00E+00	0.00E+00	9.65E-07	4.97E-07	0.00E+00	7.59E-07	0.00E+00	0.00E+00	9.58E-07	0.00E+00	0.00E+00	9.65E-07
4720	ALL	462316.6	3773629	NonCancer	0.00E+00	1.54E-08	9.24E-07	0.00E+00	0.00E+00	9.32E-07	4.79E-07	0.00E+00	7.32E-07	0.00E+00	0.00E+00	9.24E-07	0.00E+00	0.00E+00	9.32E-07
4721	ALL	462313	3773620	NonCancer	0.00E+00	1.53E-08	9.19E-07	0.00E+00	0.00E+00	9.27E-07	4.77E-07	0.00E+00	7.28E-07	0.00E+00	0.00E+00	9.19E-07	0.00E+00	0.00E+00	9.27E-07
4722	ALL	462302.1	3773594	NonCancer	0.00E+00	1.52E-08	9.18E-07	0.00E+00	0.00E+00	9.25E-07	4.76E-07	0.00E+00	7.27E-07	0.00E+00	0.00E+00	9.18E-07	0.00E+00	0.00E+00	9.25E-07
4723	ALL	462298.5	3773586	NonCancer	0.00E+00	1.47E-08	8.85E-07	0.00E+00	0.00E+00	8.92E-07	4.59E-07	0.00E+00	7.01E-07	0.00E+00	0.00E+00	8.85E-07	0.00E+00	0.00E+00	8.92E-07
4724	ALL	462294.8	3773577	NonCancer	0.00E+00	1.43E-08	8.59E-07	0.00E+00	0.00E+00	8.66E-07	4.45E-07	0.00E+00	6.80E-07	0.00E+00	0.00E+00	8.59E-07	0.00E+00	0.00E+00	8.66E-07
4725	ALL	462291.2	3773568	NonCancer	0.00E+00	1.38E-08	8.30E-07	0.00E+00	0.00E+00	8.36E-07	4.30E-07	0.00E+00	6.57E-07	0.00E+00	0.00E+00	8.30E-07	0.00E+00	0.00E+00	8.36E-07
4726	ALL	462287.5	3773560	NonCancer	0.00E+00	1.39E-08	8.36E-07	0.00E+00	0.00E+00	8.43E-07	4.33E-07	0.00E+00	6.62E-07	0.00E+00	0.00E+00	8.36E-07	0.00E+00	0.00E+00	8.43E-07
4727	ALL	462283.9	3773551	NonCancer	0.00E+00	1.41E-08	8.48E-07	0.00E+00	0.00E+00	8.55E-07	4.40E-07	0.00E+00	6.72E-07	0.00E+00	0.00E+00	8.48E-07	0.00E+00	0.00E+00	8.55E-07
4728	ALL	462280.3	3773543	NonCancer	0.00E+00	1.42E-08	8.54E-07	0.00E+00	0.00E+00	8.61E-07	4.43E-07	0.00E+00	6.77E-07	0.00E+00	0.00E+00	8.54E-07	0.00E+00	0.00E+00	8.61E-07
4729	ALL	462276.6	3773534	NonCancer	0.00E+00	1.42E-08	8.55E-07	0.00E+00	0.00E+00	8.62E-07	4.43E-07	0.00E+00	6.78E-07	0.00E+00	0.00E+00	8.55E-07	0.00E+00	0.00E+00	8.62E-07
4730	ALL	462273	3773525	NonCancer	0.00E+00	1.41E-08	8.47E-07	0.00E+00	0.00E+00	8.54E-07	4.39E-07	0.00E+00	6.71E-07	0.00E+00	0.00E+00	8.47E-07	0.00E+00	0.00E+00	8.54E-07
4731	ALL	462269.3	3773517	NonCancer	0.00E+00	1.38E-08	8.31E-07	0.00E+00	0.00E+00	8.38E-07	4.31E-07	0.00E+00	6.58E-07	0.00E+00	0.00E+00	8.31E-07	0.00E+00	0.00E+00	8.38E-07
4732	ALL	462265.7	3773508	NonCancer	0.00E+00	1.35E-08	8.14E-07	0.00E+00	0.00E+00	8.20E-07	4.22E-07	0.00E+00	6.45E-07	0.00E+00	0.00E+00	8.14E-07	0.00E+00	0.00E+00	8.20E-07
4733	ALL	462262.1	3773500	NonCancer	0.00E+00	1.33E-08	8.02E-07	0.00E+00	0.00E+00	8.09E-07	4.16E-07	0.00E+00	6.36E-07	0.00E+00	0.00E+00	8.02E-07	0.00E+00	0.00E+00	8.09E-07
4734	ALL	462258.4	3773491	NonCancer	0.00E+00	1.31E-08	7.91E-07	0.00E+00	0.00E+00	7.97E-07	4.10E-07	0.00E+00	6.27E-07	0.00E+00	0.00E+00	7.91E-07	0.00E+00	0.00E+00	7.97E-07
4735	ALL	462196.6	3773344	NonCancer	0.00E+00	9.76E-09	5.88E-07	0.00E+00	0.00E+00	5.92E-07	3.05E-07	0.00E+00	4.66E-07	0.00E+00	0.00E+00	5.88E-07	0.00E+00	0.00E+00	5.92E-07
4736	ALL	462192.9	3773336	NonCancer	0.00E+00	9.60E-09	5.78E-07	0.00E+00	0.00E+00	5.83E-07	3.00E-07	0.00E+00	4.58E-07	0.00E+00	0.00E+00	5.78E-07	0.00E+00	0.00E+00	5.83E-07
4737	ALL	462189.3	3773327	NonCancer	0.00E+00	9.42E-09	5.67E-07	0.00E+00	0.00E+00	5.71E-07	2.94E-07	0.00E+00	4.49E-07	0.00E+00	0.00E+00	5.67E-07	0.00E+00	0.00E+00	5.71E-07
4738	ALL	462900.2	3774041	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.70E-06	8.72E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.70E-06
4739	ALL	462891.6	3774037	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.69E-06	8.67E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.69E-06
4740	ALL	462882.9	3774034	NonCancer	0.00E+00	2.77E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.63E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
4741	ALL	462874.3	3774030	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.65E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
4742	ALL	462865.6	3774026	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.71E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
4743	ALL	462857	3774023	NonCancer	0.00E+00	2.80E-08	1.68E-06	0.00E+00	0.00E+00	1.70E-06	8.73E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.70E-06
4744	ALL	462848.3	3774019	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.69E-06	8.68E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.69E-06
4745	ALL	462839.7	3774016	NonCancer	0.00E+00	2.75E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.59E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
4746	ALL	462831.1	3774012	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.54E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
4747	ALL	462822.4	3774009	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.54E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
4748	ALL	462813.8	3774005	NonCancer	0.00E+00	2.73E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.53E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
4749	ALL	462805.1	3774002	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.50E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
4750	ALL	462796.5	3773998	NonCancer	0.00E+00	2.72E-08	1.63E-06	0.00E+00	0.00E+00	1.65E-06	8.47E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.65E-06

4751	ALL	462787.9	3773994	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.65E-06	8.47E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.65E-06
4752	ALL	462779.2	3773991	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.46E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
4753	ALL	462770.6	3773987	NonCancer	0.00E+00	2.70E-08	1.62E-06	0.00E+00	0.00E+00	1.64E-06	8.42E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.64E-06
4754	ALL	462761.9	3773984	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.34E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
4755	ALL	462753.3	3773980	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.25E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
4756	ALL	462744.7	3773977	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.14E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
4757	ALL	462736	3773973	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.04E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
4758	ALL	462727.4	3773970	NonCancer	0.00E+00	2.55E-08	1.53E-06	0.00E+00	0.00E+00	1.55E-06	7.95E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.55E-06
4759	ALL	462718.7	3773966	NonCancer	0.00E+00	2.52E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.86E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
4760	ALL	462710.1	3773962	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.76E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
4761	ALL	462701.5	3773959	NonCancer	0.00E+00	2.45E-08	1.47E-06	0.00E+00	0.00E+00	1.49E-06	7.64E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.49E-06
4762	ALL	462692.8	3773955	NonCancer	0.00E+00	2.42E-08	1.45E-06	0.00E+00	0.00E+00	1.47E-06	7.54E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.47E-06
4763	ALL	462684.2	3773952	NonCancer	0.00E+00	2.41E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.52E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
4764	ALL	462675.5	3773948	NonCancer	0.00E+00	2.40E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.48E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
4765	ALL	462666.9	3773945	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.47E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
4766	ALL	462658.2	3773941	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.45E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
4767	ALL	462649.6	3773938	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.42E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
4768	ALL	462641	3773934	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.42E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
4769	ALL	462632.3	3773930	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.44E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
4770	ALL	462606.4	3773920	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.30E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
4771	ALL	462597.8	3773916	NonCancer	0.00E+00	2.33E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.27E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
4772	ALL	462589.1	3773913	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.25E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
4773	ALL	462580.5	3773909	NonCancer	0.00E+00	2.33E-08	1.40E-06	0.00E+00	0.00E+00	1.42E-06	7.28E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.42E-06
4774	ALL	462571.8	3773906	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.24E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
4775	ALL	462563.2	3773902	NonCancer	0.00E+00	2.30E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.18E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
4776	ALL	462554.6	3773898	NonCancer	0.00E+00	2.30E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.19E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
4777	ALL	462545.9	3773895	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.15E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
4778	ALL	462537.3	3773891	NonCancer	0.00E+00	2.26E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.07E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
4779	ALL	462528.6	3773888	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.95E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
4780	ALL	462520	3773884	NonCancer	0.00E+00	2.20E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.86E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
4781	ALL	462511.4	3773881	NonCancer	0.00E+00	2.17E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.78E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
4782	ALL	462502.7	3773877	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.69E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
4783	ALL	462494.1	3773874	NonCancer	0.00E+00	2.11E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.59E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
4784	ALL	462485.4	3773870	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.48E-07	0.00E+00	9.91E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
4785	ALL	462476.8	3773866	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.37E-07	0.00E+00	9.73E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4786	ALL	462468.2	3773863	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.31E-07	0.00E+00	9.65E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
4787	ALL	462459.5	3773859	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.30E-07	0.00E+00	9.63E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
4788	ALL	462450.9	3773856	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.32E-07	0.00E+00	9.66E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
4789	ALL	462442.2	3773852	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.31E-07	0.00E+00	9.64E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
4790	ALL	462433.6	3773849	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.28E-07	0.00E+00	9.60E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
4791	ALL	462424.9	3773845	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.27E-07	0.00E+00	9.59E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
4792	ALL	462416.3	3773842	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.23E-07	0.00E+00	9.52E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4793	ALL	462407.7	3773838	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.17E-07	0.00E+00	9.42E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
4794	ALL	462399	3773834	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.13E-07	0.00E+00	9.36E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
4795	ALL	462390.4	3773831	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.08E-07	0.00E+00	9.30E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4796	ALL	462381.7	3773827	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.03E-07	0.00E+00	9.21E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
4797	ALL	462373.1	3773824	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.96E-07	0.00E+00	9.11E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
4798	ALL	462364.5	3773820	NonCancer	0.00E+00	1.89E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.91E-07	0.00E+00	9.03E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
4799	ALL	462355.2	3773815	NonCancer	0.00E+00	1.90E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.93E-07	0.00E+00	9.07E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
4800	ALL	462351.6	3773807	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.97E-07	0.00E+00	9.13E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
4801	ALL	462347.9	3773798	NonCancer	0.00E+00	1.87E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.84E-07	0.00E+00	8.93E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
4802	ALL	462344.3	3773789	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.71E-07	0.00E+00	8.72E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
4803	ALL	462340.7	3773781	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.56E-07	0.00E+00	8.49E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
4804	ALL	462337	3773772	NonCancer	0.00E+00	1.77E-08	1.07E-06	0.00E+00	0.00E+00	1.07E-06	5.52E-07	0.00E+00	8.44E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.07E-06

4805	ALL	462329.8	3773755	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.60E-07	0.00E+00	8.55E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
4806	ALL	462326.1	3773746	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.56E-07	0.00E+00	8.50E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
4807	ALL	462322.5	3773738	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.57E-07	0.00E+00	8.51E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
4808	ALL	462318.9	3773729	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.59E-07	0.00E+00	8.54E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
4809	ALL	462315.2	3773721	NonCancer	0.00E+00	1.79E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.57E-07	0.00E+00	8.52E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
4810	ALL	462311.6	3773712	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.50E-07	0.00E+00	8.41E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
4811	ALL	462308	3773703	NonCancer	0.00E+00	1.72E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.36E-07	0.00E+00	8.20E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
4812	ALL	462304.3	3773695	NonCancer	0.00E+00	1.67E-08	1.01E-06	0.00E+00	0.00E+00	1.01E-06	5.22E-07	0.00E+00	7.97E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.01E-06
4813	ALL	462300.7	3773686	NonCancer	0.00E+00	1.63E-08	9.81E-07	0.00E+00	0.00E+00	9.89E-07	5.08E-07	0.00E+00	7.77E-07	0.00E+00	0.00E+00	9.81E-07	0.00E+00	0.00E+00	9.89E-07
4814	ALL	462297.1	3773677	NonCancer	0.00E+00	1.64E-08	9.85E-07	0.00E+00	0.00E+00	9.93E-07	5.11E-07	0.00E+00	7.80E-07	0.00E+00	0.00E+00	9.85E-07	0.00E+00	0.00E+00	9.93E-07
4815	ALL	462293.4	3773669	NonCancer	0.00E+00	1.64E-08	9.86E-07	0.00E+00	0.00E+00	9.94E-07	5.11E-07	0.00E+00	7.81E-07	0.00E+00	0.00E+00	9.86E-07	0.00E+00	0.00E+00	9.94E-07
4816	ALL	462289.8	3773660	NonCancer	0.00E+00	1.64E-08	9.87E-07	0.00E+00	0.00E+00	9.95E-07	5.11E-07	0.00E+00	7.82E-07	0.00E+00	0.00E+00	9.87E-07	0.00E+00	0.00E+00	9.95E-07
4817	ALL	462286.2	3773652	NonCancer	0.00E+00	1.61E-08	9.67E-07	0.00E+00	0.00E+00	9.74E-07	5.01E-07	0.00E+00	7.66E-07	0.00E+00	0.00E+00	9.67E-07	0.00E+00	0.00E+00	9.74E-07
4818	ALL	462282.5	3773643	NonCancer	0.00E+00	1.55E-08	9.32E-07	0.00E+00	0.00E+00	9.39E-07	4.83E-07	0.00E+00	7.38E-07	0.00E+00	0.00E+00	9.32E-07	0.00E+00	0.00E+00	9.39E-07
4819	ALL	462278.9	3773634	NonCancer	0.00E+00	1.51E-08	9.06E-07	0.00E+00	0.00E+00	9.13E-07	4.70E-07	0.00E+00	7.18E-07	0.00E+00	0.00E+00	9.06E-07	0.00E+00	0.00E+00	9.13E-07
4820	ALL	462275.2	3773626	NonCancer	0.00E+00	1.47E-08	8.82E-07	0.00E+00	0.00E+00	8.89E-07	4.57E-07	0.00E+00	6.99E-07	0.00E+00	0.00E+00	8.82E-07	0.00E+00	0.00E+00	8.89E-07
4821	ALL	462271.6	3773617	NonCancer	0.00E+00	1.47E-08	8.83E-07	0.00E+00	0.00E+00	8.90E-07	4.58E-07	0.00E+00	7.00E-07	0.00E+00	0.00E+00	8.83E-07	0.00E+00	0.00E+00	8.90E-07
4822	ALL	462264.3	3773600	NonCancer	0.00E+00	1.46E-08	8.80E-07	0.00E+00	0.00E+00	8.87E-07	4.56E-07	0.00E+00	6.97E-07	0.00E+00	0.00E+00	8.80E-07	0.00E+00	0.00E+00	8.87E-07
4823	ALL	462260.7	3773591	NonCancer	0.00E+00	1.44E-08	8.65E-07	0.00E+00	0.00E+00	8.72E-07	4.49E-07	0.00E+00	6.86E-07	0.00E+00	0.00E+00	8.65E-07	0.00E+00	0.00E+00	8.72E-07
4824	ALL	462257.1	3773583	NonCancer	0.00E+00	1.39E-08	8.34E-07	0.00E+00	0.00E+00	8.41E-07	4.33E-07	0.00E+00	6.61E-07	0.00E+00	0.00E+00	8.34E-07	0.00E+00	0.00E+00	8.41E-07
4825	ALL	462253.4	3773574	NonCancer	0.00E+00	1.34E-08	8.05E-07	0.00E+00	0.00E+00	8.11E-07	4.17E-07	0.00E+00	6.38E-07	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	8.11E-07
4826	ALL	462249.8	3773566	NonCancer	0.00E+00	1.32E-08	7.96E-07	0.00E+00	0.00E+00	8.03E-07	4.13E-07	0.00E+00	6.31E-07	0.00E+00	0.00E+00	7.96E-07	0.00E+00	0.00E+00	8.03E-07
4827	ALL	462246.2	3773557	NonCancer	0.00E+00	1.34E-08	8.08E-07	0.00E+00	0.00E+00	8.15E-07	4.19E-07	0.00E+00	6.40E-07	0.00E+00	0.00E+00	8.08E-07	0.00E+00	0.00E+00	8.15E-07
4828	ALL	462242.5	3773548	NonCancer	0.00E+00	1.36E-08	8.18E-07	0.00E+00	0.00E+00	8.24E-07	4.24E-07	0.00E+00	6.48E-07	0.00E+00	0.00E+00	8.18E-07	0.00E+00	0.00E+00	8.24E-07
4829	ALL	462238.9	3773540	NonCancer	0.00E+00	1.36E-08	8.19E-07	0.00E+00	0.00E+00	8.26E-07	4.25E-07	0.00E+00	6.49E-07	0.00E+00	0.00E+00	8.19E-07	0.00E+00	0.00E+00	8.26E-07
4830	ALL	462235.3	3773531	NonCancer	0.00E+00	1.35E-08	8.14E-07	0.00E+00	0.00E+00	8.21E-07	4.22E-07	0.00E+00	6.45E-07	0.00E+00	0.00E+00	8.14E-07	0.00E+00	0.00E+00	8.21E-07
4831	ALL	462231.6	3773523	NonCancer	0.00E+00	1.34E-08	8.10E-07	0.00E+00	0.00E+00	8.16E-07	4.20E-07	0.00E+00	6.41E-07	0.00E+00	0.00E+00	8.10E-07	0.00E+00	0.00E+00	8.16E-07
4832	ALL	462228	3773514	NonCancer	0.00E+00	1.34E-08	8.04E-07	0.00E+00	0.00E+00	8.10E-07	4.17E-07	0.00E+00	6.37E-07	0.00E+00	0.00E+00	8.04E-07	0.00E+00	0.00E+00	8.10E-07
4833	ALL	462198.9	3773445	NonCancer	0.00E+00	1.21E-08	7.26E-07	0.00E+00	0.00E+00	7.32E-07	3.77E-07	0.00E+00	5.76E-07	0.00E+00	0.00E+00	7.26E-07	0.00E+00	0.00E+00	7.32E-07
4834	ALL	462195.3	3773436	NonCancer	0.00E+00	1.17E-08	7.05E-07	0.00E+00	0.00E+00	7.11E-07	3.66E-07	0.00E+00	5.59E-07	0.00E+00	0.00E+00	7.05E-07	0.00E+00	0.00E+00	7.11E-07
4835	ALL	462191.6	3773428	NonCancer	0.00E+00	1.16E-08	6.95E-07	0.00E+00	0.00E+00	7.01E-07	3.60E-07	0.00E+00	5.51E-07	0.00E+00	0.00E+00	6.95E-07	0.00E+00	0.00E+00	7.01E-07
4836	ALL	462188	3773419	NonCancer	0.00E+00	1.13E-08	6.82E-07	0.00E+00	0.00E+00	6.87E-07	3.54E-07	0.00E+00	5.40E-07	0.00E+00	0.00E+00	6.82E-07	0.00E+00	0.00E+00	6.87E-07
4837	ALL	462184.4	3773411	NonCancer	0.00E+00	1.12E-08	6.73E-07	0.00E+00	0.00E+00	6.78E-07	3.49E-07	0.00E+00	5.33E-07	0.00E+00	0.00E+00	6.73E-07	0.00E+00	0.00E+00	6.78E-07
4838	ALL	462180.7	3773402	NonCancer	0.00E+00	1.10E-08	6.65E-07	0.00E+00	0.00E+00	6.70E-07	3.45E-07	0.00E+00	5.27E-07	0.00E+00	0.00E+00	6.65E-07	0.00E+00	0.00E+00	6.70E-07
4839	ALL	462177.1	3773393	NonCancer	0.00E+00	1.08E-08	6.53E-07	0.00E+00	0.00E+00	6.58E-07	3.38E-07	0.00E+00	5.17E-07	0.00E+00	0.00E+00	6.53E-07	0.00E+00	0.00E+00	6.58E-07
4840	ALL	462173.5	3773385	NonCancer	0.00E+00	1.06E-08	6.35E-07	0.00E+00	0.00E+00	6.41E-07	3.29E-07	0.00E+00	5.04E-07	0.00E+00	0.00E+00	6.35E-07	0.00E+00	0.00E+00	6.41E-07
4841	ALL	462169.8	3773376	NonCancer	0.00E+00	1.02E-08	6.13E-07	0.00E+00	0.00E+00	6.18E-07	3.18E-07	0.00E+00	4.86E-07	0.00E+00	0.00E+00	6.13E-07	0.00E+00	0.00E+00	6.18E-07
4842	ALL	462166.2	3773368	NonCancer	0.00E+00	9.79E-09	5.89E-07	0.00E+00	0.00E+00	5.94E-07	3.06E-07	0.00E+00	4.67E-07	0.00E+00	0.00E+00	5.89E-07	0.00E+00	0.00E+00	5.94E-07
4843	ALL	462162.6	3773359	NonCancer	0.00E+00	9.41E-09	5.66E-07	0.00E+00	0.00E+00	5.71E-07	2.94E-07	0.00E+00	4.49E-07	0.00E+00	0.00E+00	5.66E-07	0.00E+00	0.00E+00	5.71E-07
4844	ALL	462158.9	3773350	NonCancer	0.00E+00	9.24E-09	5.56E-07	0.00E+00	0.00E+00	5.61E-07	2.88E-07	0.00E+00	4.41E-07	0.00E+00	0.00E+00	5.56E-07	0.00E+00	0.00E+00	5.61E-07
4845	ALL	462155.3	3773342	NonCancer	0.00E+00	9.11E-09	5.48E-07	0.00E+00	0.00E+00	5.53E-07	2.84E-07	0.00E+00	4.34E-07	0.00E+00	0.00E+00	5.48E-07	0.00E+00	0.00E+00	5.53E-07
4846	ALL	462151.7	3773333	NonCancer	0.00E+00	8.95E-09	5.39E-07	0.00E+00	0.00E+00	5.43E-07	2.79E-07	0.00E+00	4.27E-07	0.00E+00	0.00E+00	5.39E-07	0.00E+00	0.00E+00	5.43E-07
4847	ALL	462148	3773325	NonCancer	0.00E+00	8.75E-09	5.27E-07	0.00E+00	0.00E+00	5.31E-07	2.73E-07	0.00E+00	4.17E-07	0.00E+00	0.00E+00	5.27E-07	0.00E+00	0.00E+00	5.31E-07
4848	ALL	462805	3774042	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.70E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
4849	ALL	462796.3	3774038	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.60E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
4850	ALL	462787.7	3774034	NonCancer	0.00E+00	2.73E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.50E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
4851	ALL	462779	3774031	NonCancer	0.00E+00	2.70E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.43E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
4852	ALL	462770.4	3774027	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.34E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
4853	ALL	462761.7	3774024	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.24E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
4854	ALL	462753.1	3774020	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.14E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
4855	ALL	462744.4	3774017	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.05E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
4856	ALL	462735.8	3774013	NonCancer	0.00E+00	2.57E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.03E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
4857	ALL	462727.1	3774009	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.99E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
4858	ALL	462718.5	3774006	NonCancer	0.00E+00	2.55E-08	1.53E-06	0.00E+00	0.00E+00	1.55E-06	7.95E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.55E-06

4859	ALL	462709.8	3774002	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.93E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
4860	ALL	462701.2	3773999	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.93E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
4861	ALL	462692.5	3773995	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.54E-06	7.90E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.54E-06
4862	ALL	462683.9	3773992	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.84E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
4863	ALL	462675.2	3773988	NonCancer	0.00E+00	2.50E-08	1.50E-06	0.00E+00	0.00E+00	1.52E-06	7.80E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.52E-06
4864	ALL	462666.6	3773985	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.51E-06	7.74E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.51E-06
4865	ALL	462657.9	3773981	NonCancer	0.00E+00	2.45E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.66E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
4866	ALL	462649.2	3773977	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.57E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
4867	ALL	462640.6	3773974	NonCancer	0.00E+00	2.40E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.47E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
4868	ALL	462631.9	3773970	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.37E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
4869	ALL	462606	3773960	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.15E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
4870	ALL	462597.3	3773956	NonCancer	0.00E+00	2.27E-08	1.36E-06	0.00E+00	0.00E+00	1.38E-06	7.07E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.38E-06
4871	ALL	462588.7	3773952	NonCancer	0.00E+00	2.27E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.07E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
4872	ALL	462580	3773949	NonCancer	0.00E+00	2.26E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.06E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
4873	ALL	462571.4	3773945	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.01E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
4874	ALL	462562.7	3773942	NonCancer	0.00E+00	2.24E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.99E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
4875	ALL	462554.1	3773938	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.94E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
4876	ALL	462545.4	3773935	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.90E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
4877	ALL	462536.8	3773931	NonCancer	0.00E+00	2.22E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.91E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
4878	ALL	462528.1	3773928	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.88E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
4879	ALL	462519.5	3773924	NonCancer	0.00E+00	2.20E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.85E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
4880	ALL	462510.8	3773920	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.33E-06	6.81E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.33E-06
4881	ALL	462502.2	3773917	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.75E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
4882	ALL	462493.5	3773913	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.74E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
4883	ALL	462484.9	3773910	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.74E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
4884	ALL	462476.2	3773906	NonCancer	0.00E+00	2.15E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.70E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
4885	ALL	462467.5	3773903	NonCancer	0.00E+00	2.13E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.65E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
4886	ALL	462458.9	3773899	NonCancer	0.00E+00	2.12E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.61E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
4887	ALL	462450.2	3773896	NonCancer	0.00E+00	2.11E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.58E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
4888	ALL	462441.6	3773892	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.48E-07	0.00E+00	9.91E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
4889	ALL	462432.9	3773888	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.38E-07	0.00E+00	9.76E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4890	ALL	462424.3	3773885	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.36E-07	0.00E+00	9.72E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4891	ALL	462415.6	3773881	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.38E-07	0.00E+00	9.75E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4892	ALL	462407	3773878	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.42E-07	0.00E+00	9.82E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
4893	ALL	462398.3	3773874	NonCancer	0.00E+00	2.07E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.45E-07	0.00E+00	9.86E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
4894	ALL	462389.7	3773871	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.39E-07	0.00E+00	9.77E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4895	ALL	462381	3773867	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.34E-07	0.00E+00	9.69E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
4896	ALL	462372.4	3773863	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.28E-07	0.00E+00	9.60E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
4897	ALL	462363.7	3773860	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.19E-07	0.00E+00	9.46E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
4898	ALL	462355.1	3773856	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.08E-07	0.00E+00	9.30E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4899	ALL	462346.4	3773853	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.96E-07	0.00E+00	9.11E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
4900	ALL	462337.8	3773849	NonCancer	0.00E+00	1.87E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.84E-07	0.00E+00	8.93E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
4901	ALL	462329.1	3773846	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.77E-07	0.00E+00	8.82E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
4902	ALL	462324	3773836	NonCancer	0.00E+00	1.82E-08	1.10E-06	0.00E+00	0.00E+00	1.10E-06	5.68E-07	0.00E+00	8.68E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.10E-06
4903	ALL	462320.4	3773828	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.70E-07	0.00E+00	8.72E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
4904	ALL	462316.7	3773819	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.70E-07	0.00E+00	8.72E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
4905	ALL	462313.1	3773811	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.72E-07	0.00E+00	8.75E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
4906	ALL	462309.5	3773802	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.73E-07	0.00E+00	8.76E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
4907	ALL	462305.8	3773793	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.74E-07	0.00E+00	8.77E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
4908	ALL	462302.2	3773785	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.78E-07	0.00E+00	8.83E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
4909	ALL	462298.5	3773776	NonCancer	0.00E+00	1.86E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.81E-07	0.00E+00	8.87E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
4910	ALL	462287.6	3773750	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.39E-07	0.00E+00	8.24E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
4911	ALL	462284	3773742	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.03E-06	5.32E-07	0.00E+00	8.13E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.03E-06
4912	ALL	462280.3	3773733	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.33E-07	0.00E+00	8.14E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06

4913	ALL	462276.7	3773724	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.33E-07	0.00E+00	8.15E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
4914	ALL	462273.1	3773716	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.34E-07	0.00E+00	8.16E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
4915	ALL	462269.4	3773707	NonCancer	0.00E+00	1.67E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.22E-07	0.00E+00	7.99E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
4916	ALL	462265.8	3773699	NonCancer	0.00E+00	1.63E-08	9.83E-07	0.00E+00	0.00E+00	9.91E-07	5.10E-07	0.00E+00	7.79E-07	0.00E+00	0.00E+00	9.83E-07	0.00E+00	0.00E+00	9.91E-07
4917	ALL	462262.2	3773690	NonCancer	0.00E+00	1.58E-08	9.53E-07	0.00E+00	0.00E+00	9.60E-07	4.94E-07	0.00E+00	7.55E-07	0.00E+00	0.00E+00	9.53E-07	0.00E+00	0.00E+00	9.60E-07
4918	ALL	462258.5	3773681	NonCancer	0.00E+00	1.56E-08	9.42E-07	0.00E+00	0.00E+00	9.49E-07	4.88E-07	0.00E+00	7.46E-07	0.00E+00	0.00E+00	9.42E-07	0.00E+00	0.00E+00	9.49E-07
4919	ALL	462254.9	3773673	NonCancer	0.00E+00	1.57E-08	9.42E-07	0.00E+00	0.00E+00	9.50E-07	4.88E-07	0.00E+00	7.46E-07	0.00E+00	0.00E+00	9.42E-07	0.00E+00	0.00E+00	9.50E-07
4920	ALL	462251.2	3773664	NonCancer	0.00E+00	1.57E-08	9.43E-07	0.00E+00	0.00E+00	9.50E-07	4.89E-07	0.00E+00	7.47E-07	0.00E+00	0.00E+00	9.43E-07	0.00E+00	0.00E+00	9.50E-07
4921	ALL	462247.6	3773655	NonCancer	0.00E+00	1.56E-08	9.41E-07	0.00E+00	0.00E+00	9.48E-07	4.88E-07	0.00E+00	7.45E-07	0.00E+00	0.00E+00	9.41E-07	0.00E+00	0.00E+00	9.48E-07
4922	ALL	462244	3773647	NonCancer	0.00E+00	1.51E-08	9.09E-07	0.00E+00	0.00E+00	9.16E-07	4.71E-07	0.00E+00	7.20E-07	0.00E+00	0.00E+00	9.09E-07	0.00E+00	0.00E+00	9.16E-07
4923	ALL	462240.3	3773638	NonCancer	0.00E+00	1.46E-08	8.81E-07	0.00E+00	0.00E+00	8.88E-07	4.57E-07	0.00E+00	6.98E-07	0.00E+00	0.00E+00	8.81E-07	0.00E+00	0.00E+00	8.88E-07
4924	ALL	462236.7	3773630	NonCancer	0.00E+00	1.42E-08	8.52E-07	0.00E+00	0.00E+00	8.59E-07	4.42E-07	0.00E+00	6.75E-07	0.00E+00	0.00E+00	8.52E-07	0.00E+00	0.00E+00	8.59E-07
4925	ALL	462233	3773621	NonCancer	0.00E+00	1.40E-08	8.40E-07	0.00E+00	0.00E+00	8.47E-07	4.35E-07	0.00E+00	6.65E-07	0.00E+00	0.00E+00	8.40E-07	0.00E+00	0.00E+00	8.47E-07
4926	ALL	462163.9	3773457	NonCancer	0.00E+00	1.15E-08	6.94E-07	0.00E+00	0.00E+00	7.00E-07	3.60E-07	0.00E+00	5.50E-07	0.00E+00	0.00E+00	6.94E-07	0.00E+00	0.00E+00	7.00E-07
4927	ALL	462160.2	3773449	NonCancer	0.00E+00	1.15E-08	6.90E-07	0.00E+00	0.00E+00	6.95E-07	3.58E-07	0.00E+00	5.47E-07	0.00E+00	0.00E+00	6.90E-07	0.00E+00	0.00E+00	6.95E-07
4928	ALL	462156.6	3773440	NonCancer	0.00E+00	1.13E-08	6.78E-07	0.00E+00	0.00E+00	6.83E-07	3.51E-07	0.00E+00	5.37E-07	0.00E+00	0.00E+00	6.78E-07	0.00E+00	0.00E+00	6.83E-07
4929	ALL	462153	3773431	NonCancer	0.00E+00	1.11E-08	6.67E-07	0.00E+00	0.00E+00	6.73E-07	3.46E-07	0.00E+00	5.29E-07	0.00E+00	0.00E+00	6.67E-07	0.00E+00	0.00E+00	6.73E-07
4930	ALL	462149.3	3773423	NonCancer	0.00E+00	1.08E-08	6.52E-07	0.00E+00	0.00E+00	6.57E-07	3.38E-07	0.00E+00	5.16E-07	0.00E+00	0.00E+00	6.52E-07	0.00E+00	0.00E+00	6.57E-07
4931	ALL	462145.7	3773414	NonCancer	0.00E+00	1.05E-08	6.35E-07	0.00E+00	0.00E+00	6.40E-07	3.29E-07	0.00E+00	5.03E-07	0.00E+00	0.00E+00	6.35E-07	0.00E+00	0.00E+00	6.40E-07
4932	ALL	462142	3773405	NonCancer	0.00E+00	1.04E-08	6.24E-07	0.00E+00	0.00E+00	6.29E-07	3.24E-07	0.00E+00	4.95E-07	0.00E+00	0.00E+00	6.24E-07	0.00E+00	0.00E+00	6.29E-07
4933	ALL	462138.4	3773397	NonCancer	0.00E+00	1.01E-08	6.11E-07	0.00E+00	0.00E+00	6.16E-07	3.17E-07	0.00E+00	4.84E-07	0.00E+00	0.00E+00	6.11E-07	0.00E+00	0.00E+00	6.16E-07
4934	ALL	462134.8	3773388	NonCancer	0.00E+00	9.87E-09	5.94E-07	0.00E+00	0.00E+00	5.99E-07	3.08E-07	0.00E+00	4.71E-07	0.00E+00	0.00E+00	5.94E-07	0.00E+00	0.00E+00	5.99E-07
4935	ALL	462131.1	3773380	NonCancer	0.00E+00	9.57E-09	5.76E-07	0.00E+00	0.00E+00	5.81E-07	2.99E-07	0.00E+00	4.56E-07	0.00E+00	0.00E+00	5.76E-07	0.00E+00	0.00E+00	5.81E-07
4936	ALL	462127.5	3773371	NonCancer	0.00E+00	9.44E-09	5.68E-07	0.00E+00	0.00E+00	5.73E-07	2.94E-07	0.00E+00	4.50E-07	0.00E+00	0.00E+00	5.68E-07	0.00E+00	0.00E+00	5.73E-07
4937	ALL	462123.8	3773362	NonCancer	0.00E+00	9.29E-09	5.59E-07	0.00E+00	0.00E+00	5.64E-07	2.90E-07	0.00E+00	4.43E-07	0.00E+00	0.00E+00	5.59E-07	0.00E+00	0.00E+00	5.64E-07
4938	ALL	462120.2	3773354	NonCancer	0.00E+00	9.12E-09	5.49E-07	0.00E+00	0.00E+00	5.53E-07	2.85E-07	0.00E+00	4.35E-07	0.00E+00	0.00E+00	5.49E-07	0.00E+00	0.00E+00	5.53E-07
4939	ALL	462116.6	3773345	NonCancer	0.00E+00	8.85E-09	5.33E-07	0.00E+00	0.00E+00	5.37E-07	2.76E-07	0.00E+00	4.22E-07	0.00E+00	0.00E+00	5.33E-07	0.00E+00	0.00E+00	5.37E-07
4940	ALL	462112.9	3773337	NonCancer	0.00E+00	8.61E-09	5.18E-07	0.00E+00	0.00E+00	5.22E-07	2.69E-07	0.00E+00	4.11E-07	0.00E+00	0.00E+00	5.18E-07	0.00E+00	0.00E+00	5.22E-07
4941	ALL	462109.3	3773328	NonCancer	0.00E+00	8.40E-09	5.05E-07	0.00E+00	0.00E+00	5.09E-07	2.62E-07	0.00E+00	4.00E-07	0.00E+00	0.00E+00	5.05E-07	0.00E+00	0.00E+00	5.09E-07
4942	ALL	462105.6	3773319	NonCancer	0.00E+00	8.32E-09	5.01E-07	0.00E+00	0.00E+00	5.05E-07	2.59E-07	0.00E+00	3.97E-07	0.00E+00	0.00E+00	5.01E-07	0.00E+00	0.00E+00	5.05E-07
4943	ALL	462102	3773311	NonCancer	0.00E+00	8.31E-09	5.00E-07	0.00E+00	0.00E+00	5.04E-07	2.59E-07	0.00E+00	3.96E-07	0.00E+00	0.00E+00	5.00E-07	0.00E+00	0.00E+00	5.04E-07
4944	ALL	462098.4	3773302	NonCancer	0.00E+00	8.30E-09	5.00E-07	0.00E+00	0.00E+00	5.04E-07	2.59E-07	0.00E+00	3.96E-07	0.00E+00	0.00E+00	5.00E-07	0.00E+00	0.00E+00	5.04E-07
4945	ALL	462094.7	3773293	NonCancer	0.00E+00	8.25E-09	4.97E-07	0.00E+00	0.00E+00	5.01E-07	2.57E-07	0.00E+00	3.93E-07	0.00E+00	0.00E+00	4.97E-07	0.00E+00	0.00E+00	5.01E-07
4946	ALL	462091.1	3773285	NonCancer	0.00E+00	8.12E-09	4.89E-07	0.00E+00	0.00E+00	4.93E-07	2.53E-07	0.00E+00	3.87E-07	0.00E+00	0.00E+00	4.89E-07	0.00E+00	0.00E+00	4.93E-07
4947	ALL	462087.4	3773276	NonCancer	0.00E+00	7.99E-09	4.81E-07	0.00E+00	0.00E+00	4.85E-07	2.49E-07	0.00E+00	3.81E-07	0.00E+00	0.00E+00	4.81E-07	0.00E+00	0.00E+00	4.85E-07
4948	ALL	462813.8	3774085	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.56E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
4949	ALL	462805.1	3774082	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.55E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
4950	ALL	462710	3774042	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.60E-06	8.21E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.60E-06
4951	ALL	462701.4	3774039	NonCancer	0.00E+00	2.59E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.08E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
4952	ALL	462692.8	3774035	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.56E-06	8.00E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.56E-06
4953	ALL	462684.1	3774032	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.91E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
4954	ALL	462675.5	3774028	NonCancer	0.00E+00	2.50E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.81E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
4955	ALL	462666.8	3774025	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.68E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
4956	ALL	462658.2	3774021	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.58E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
4957	ALL	462649.5	3774018	NonCancer	0.00E+00	2.40E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.50E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
4958	ALL	462640.9	3774014	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.47E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
4959	ALL	462632.3	3774010	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.46E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
4960	ALL	462606.3	3774000	NonCancer	0.00E+00	2.35E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.34E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
4961	ALL	462597.7	3773996	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.36E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
4962	ALL	462589	3773993	NonCancer	0.00E+00	2.35E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.35E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
4963	ALL	462580.4	3773989	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.32E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
4964	ALL	462571.8	3773986	NonCancer	0.00E+00	2.33E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.26E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
4965	ALL	462563.1	3773982	NonCancer	0.00E+00	2.30E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.17E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
4966	ALL	462554.5	3773978	NonCancer	0.00E+00	2.28E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.12E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06

4967	ALL	462545.8	3773975	NonCancer	0.00E+00	2.27E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.08E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
4968	ALL	462537.2	3773971	NonCancer	0.00E+00	2.27E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.08E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
4969	ALL	462528.5	3773968	NonCancer	0.00E+00	2.27E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.07E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
4970	ALL	462519.9	3773964	NonCancer	0.00E+00	2.28E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.11E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
4971	ALL	462511.3	3773961	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.13E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
4972	ALL	462502.6	3773957	NonCancer	0.00E+00	2.28E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.11E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
4973	ALL	462494	3773954	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.37E-06	7.02E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.37E-06
4974	ALL	462485.3	3773950	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.91E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
4975	ALL	462476.7	3773946	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.82E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
4976	ALL	462468	3773943	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.75E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
4977	ALL	462459.4	3773939	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.67E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
4978	ALL	462450.8	3773936	NonCancer	0.00E+00	2.10E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.56E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
4979	ALL	462442.1	3773932	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.44E-07	0.00E+00	9.85E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
4980	ALL	462433.5	3773929	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.36E-07	0.00E+00	9.71E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
4981	ALL	462424.8	3773925	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.31E-07	0.00E+00	9.64E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
4982	ALL	462416.2	3773922	NonCancer	0.00E+00	2.02E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.29E-07	0.00E+00	9.61E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
4983	ALL	462407.5	3773918	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.24E-07	0.00E+00	9.54E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4984	ALL	462398.9	3773914	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.22E-07	0.00E+00	9.50E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
4985	ALL	462390.3	3773911	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.28E-07	0.00E+00	9.60E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
4986	ALL	462381.6	3773907	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.31E-07	0.00E+00	9.64E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
4987	ALL	462373	3773904	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.28E-07	0.00E+00	9.59E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
4988	ALL	462364.3	3773900	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.19E-07	0.00E+00	9.46E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
4989	ALL	462355.7	3773897	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.08E-07	0.00E+00	9.29E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4990	ALL	462347	3773893	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.07E-07	0.00E+00	9.28E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4991	ALL	462338.4	3773889	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.05E-07	0.00E+00	9.24E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
4992	ALL	462329.8	3773886	NonCancer	0.00E+00	1.92E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	5.99E-07	0.00E+00	9.16E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
4993	ALL	462321.1	3773882	NonCancer	0.00E+00	1.90E-08	1.15E-06	0.00E+00	0.00E+00	1.15E-06	5.94E-07	0.00E+00	9.07E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.15E-06
4994	ALL	462293.5	3773859	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.85E-07	0.00E+00	8.94E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
4995	ALL	462289.8	3773851	NonCancer	0.00E+00	1.87E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.84E-07	0.00E+00	8.92E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
4996	ALL	462286.2	3773842	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.85E-07	0.00E+00	8.94E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
4997	ALL	462282.5	3773833	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.87E-07	0.00E+00	8.97E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
4998	ALL	462278.9	3773825	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.78E-07	0.00E+00	8.83E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
4999	ALL	462275.3	3773816	NonCancer	0.00E+00	1.81E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.65E-07	0.00E+00	8.64E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
5000	ALL	462271.6	3773807	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.55E-07	0.00E+00	8.48E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
5001	ALL	462268	3773799	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.55E-07	0.00E+00	8.49E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
5002	ALL	462264.4	3773790	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.56E-07	0.00E+00	8.50E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
5003	ALL	462260.7	3773782	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.56E-07	0.00E+00	8.51E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
5004	ALL	462257.1	3773773	NonCancer	0.00E+00	1.77E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.51E-07	0.00E+00	8.42E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
5005	ALL	462249.8	3773756	NonCancer	0.00E+00	1.68E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.25E-07	0.00E+00	8.03E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
5006	ALL	462246.2	3773747	NonCancer	0.00E+00	1.64E-08	9.86E-07	0.00E+00	0.00E+00	9.94E-07	5.11E-07	0.00E+00	7.81E-07	0.00E+00	0.00E+00	9.86E-07	0.00E+00	0.00E+00	9.94E-07
5007	ALL	462242.6	3773739	NonCancer	0.00E+00	1.63E-08	9.82E-07	0.00E+00	0.00E+00	9.90E-07	5.09E-07	0.00E+00	7.78E-07	0.00E+00	0.00E+00	9.82E-07	0.00E+00	0.00E+00	9.90E-07
5008	ALL	462238.9	3773730	NonCancer	0.00E+00	1.64E-08	9.90E-07	0.00E+00	0.00E+00	9.97E-07	5.13E-07	0.00E+00	7.84E-07	0.00E+00	0.00E+00	9.90E-07	0.00E+00	0.00E+00	9.97E-07
5009	ALL	462235.3	3773721	NonCancer	0.00E+00	1.66E-08	9.97E-07	0.00E+00	0.00E+00	1.00E-06	5.17E-07	0.00E+00	7.90E-07	0.00E+00	0.00E+00	9.97E-07	0.00E+00	0.00E+00	1.00E-06
5010	ALL	462231.6	3773713	NonCancer	0.00E+00	1.64E-08	9.88E-07	0.00E+00	0.00E+00	9.96E-07	5.12E-07	0.00E+00	7.83E-07	0.00E+00	0.00E+00	9.88E-07	0.00E+00	0.00E+00	9.96E-07
5011	ALL	462228	3773704	NonCancer	0.00E+00	1.60E-08	9.61E-07	0.00E+00	0.00E+00	9.69E-07	4.98E-07	0.00E+00	7.62E-07	0.00E+00	0.00E+00	9.61E-07	0.00E+00	0.00E+00	9.69E-07
5012	ALL	462224.4	3773696	NonCancer	0.00E+00	1.55E-08	9.34E-07	0.00E+00	0.00E+00	9.42E-07	4.84E-07	0.00E+00	7.40E-07	0.00E+00	0.00E+00	9.34E-07	0.00E+00	0.00E+00	9.42E-07
5013	ALL	462122.6	3773454	NonCancer	0.00E+00	1.09E-08	6.56E-07	0.00E+00	0.00E+00	6.61E-07	3.40E-07	0.00E+00	5.19E-07	0.00E+00	0.00E+00	6.56E-07	0.00E+00	0.00E+00	6.61E-07
5014	ALL	462118.9	3773446	NonCancer	0.00E+00	1.09E-08	6.54E-07	0.00E+00	0.00E+00	6.59E-07	3.39E-07	0.00E+00	5.18E-07	0.00E+00	0.00E+00	6.54E-07	0.00E+00	0.00E+00	6.59E-07
5015	ALL	462115.3	3773437	NonCancer	0.00E+00	1.07E-08	6.43E-07	0.00E+00	0.00E+00	6.48E-07	3.33E-07	0.00E+00	5.10E-07	0.00E+00	0.00E+00	6.43E-07	0.00E+00	0.00E+00	6.48E-07
5016	ALL	462111.7	3773429	NonCancer	0.00E+00	1.04E-08	6.27E-07	0.00E+00	0.00E+00	6.32E-07	3.25E-07	0.00E+00	4.97E-07	0.00E+00	0.00E+00	6.27E-07	0.00E+00	0.00E+00	6.32E-07
5017	ALL	462108	3773420	NonCancer	0.00E+00	1.01E-08	6.06E-07	0.00E+00	0.00E+00	6.11E-07	3.14E-07	0.00E+00	4.80E-07	0.00E+00	0.00E+00	6.06E-07	0.00E+00	0.00E+00	6.11E-07
5018	ALL	462104.4	3773411	NonCancer	0.00E+00	9.79E-09	5.90E-07	0.00E+00	0.00E+00	5.94E-07	3.06E-07	0.00E+00	4.67E-07	0.00E+00	0.00E+00	5.90E-07	0.00E+00	0.00E+00	5.94E-07
5019	ALL	462100.8	3773403	NonCancer	0.00E+00	9.56E-09	5.76E-07	0.00E+00	0.00E+00	5.80E-07	2.98E-07	0.00E+00	4.56E-07	0.00E+00	0.00E+00	5.76E-07	0.00E+00	0.00E+00	5.80E-07
5020	ALL	462097.1	3773394	NonCancer	0.00E+00	9.31E-09	5.60E-07	0.00E+00	0.00E+00	5.65E-07	2.90E-07	0.00E+00	4.44E-07	0.00E+00	0.00E+00	5.60E-07	0.00E+00	0.00E+00	5.65E-07

5021	ALL	462093.5	3773386	NonCancer	0.00E+00	9.11E-09	5.48E-07	0.00E+00	0.00E+00	5.53E-07	2.84E-07	0.00E+00	4.34E-07	0.00E+00	0.00E+00	5.48E-07	0.00E+00	0.00E+00	5.53E-07
5022	ALL	462089.9	3773377	NonCancer	0.00E+00	8.99E-09	5.41E-07	0.00E+00	0.00E+00	5.45E-07	2.80E-07	0.00E+00	4.29E-07	0.00E+00	0.00E+00	5.41E-07	0.00E+00	0.00E+00	5.45E-07
5023	ALL	462086.2	3773368	NonCancer	0.00E+00	8.85E-09	5.33E-07	0.00E+00	0.00E+00	5.37E-07	2.76E-07	0.00E+00	4.22E-07	0.00E+00	0.00E+00	5.33E-07	0.00E+00	0.00E+00	5.37E-07
5024	ALL	462082.6	3773360	NonCancer	0.00E+00	8.78E-09	5.29E-07	0.00E+00	0.00E+00	5.33E-07	2.74E-07	0.00E+00	4.19E-07	0.00E+00	0.00E+00	5.29E-07	0.00E+00	0.00E+00	5.33E-07
5025	ALL	462078.9	3773351	NonCancer	0.00E+00	8.62E-09	5.19E-07	0.00E+00	0.00E+00	5.23E-07	2.69E-07	0.00E+00	4.11E-07	0.00E+00	0.00E+00	5.19E-07	0.00E+00	0.00E+00	5.23E-07
5026	ALL	462075.3	3773343	NonCancer	0.00E+00	8.37E-09	5.04E-07	0.00E+00	0.00E+00	5.08E-07	2.61E-07	0.00E+00	3.99E-07	0.00E+00	0.00E+00	5.04E-07	0.00E+00	0.00E+00	5.08E-07
5027	ALL	462071.7	3773334	NonCancer	0.00E+00	8.17E-09	4.92E-07	0.00E+00	0.00E+00	4.95E-07	2.55E-07	0.00E+00	3.89E-07	0.00E+00	0.00E+00	4.92E-07	0.00E+00	0.00E+00	4.95E-07
5028	ALL	462053.5	3773291	NonCancer	0.00E+00	7.86E-09	4.73E-07	0.00E+00	0.00E+00	4.77E-07	2.45E-07	0.00E+00	3.75E-07	0.00E+00	0.00E+00	4.73E-07	0.00E+00	0.00E+00	4.77E-07
5029	ALL	462049.9	3773282	NonCancer	0.00E+00	7.74E-09	4.66E-07	0.00E+00	0.00E+00	4.70E-07	2.41E-07	0.00E+00	3.69E-07	0.00E+00	0.00E+00	4.66E-07	0.00E+00	0.00E+00	4.70E-07
5030	ALL	462813.6	3774125	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.65E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
5031	ALL	462805	3774122	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.65E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
5032	ALL	462796.3	3774118	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.71E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
5033	ALL	462787.7	3774114	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.70E-06	8.76E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.70E-06
5034	ALL	462779	3774111	NonCancer	0.00E+00	2.80E-08	1.68E-06	0.00E+00	0.00E+00	1.70E-06	8.73E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.70E-06
5035	ALL	462770.4	3774107	NonCancer	0.00E+00	2.78E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.69E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
5036	ALL	462761.7	3774104	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.63E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
5037	ALL	462753.1	3774100	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.56E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
5038	ALL	462744.4	3774097	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.49E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
5039	ALL	462735.8	3774093	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.39E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
5040	ALL	462727.1	3774089	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.29E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
5041	ALL	462718.4	3774086	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.60E-06	8.21E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.60E-06
5042	ALL	462606	3774040	NonCancer	0.00E+00	2.43E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.60E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
5043	ALL	462597.3	3774036	NonCancer	0.00E+00	2.40E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.48E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
5044	ALL	462588.6	3774032	NonCancer	0.00E+00	2.37E-08	1.42E-06	0.00E+00	0.00E+00	1.44E-06	7.38E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.44E-06
5045	ALL	462580	3774029	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.31E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
5046	ALL	462571.3	3774025	NonCancer	0.00E+00	2.32E-08	1.39E-06	0.00E+00	0.00E+00	1.41E-06	7.23E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.41E-06
5047	ALL	462562.7	3774022	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.13E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
5048	ALL	462554	3774018	NonCancer	0.00E+00	2.25E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.03E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
5049	ALL	462545.4	3774015	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.95E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
5050	ALL	462536.7	3774011	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.96E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
5051	ALL	462528.1	3774008	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.97E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
5052	ALL	462519.4	3774004	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.95E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
5053	ALL	462510.8	3774000	NonCancer	0.00E+00	2.23E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.97E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
5054	ALL	462502.1	3773997	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.96E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
5055	ALL	462493.5	3773993	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.95E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
5056	ALL	462484.8	3773990	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.89E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
5057	ALL	462476.2	3773986	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.81E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
5058	ALL	462467.5	3773983	NonCancer	0.00E+00	2.17E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.76E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
5059	ALL	462458.8	3773979	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.72E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
5060	ALL	462450.2	3773975	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.73E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
5061	ALL	462441.5	3773972	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.73E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
5062	ALL	462432.9	3773968	NonCancer	0.00E+00	2.15E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.69E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
5063	ALL	462424.2	3773965	NonCancer	0.00E+00	2.13E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.65E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
5064	ALL	462415.6	3773961	NonCancer	0.00E+00	2.12E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.61E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
5065	ALL	462406.9	3773958	NonCancer	0.00E+00	2.12E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.61E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
5066	ALL	462398.3	3773954	NonCancer	0.00E+00	2.10E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.56E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
5067	ALL	462389.6	3773951	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.48E-07	0.00E+00	9.91E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
5068	ALL	462381	3773947	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.42E-07	0.00E+00	9.82E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
5069	ALL	462372.3	3773943	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.43E-07	0.00E+00	9.83E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
5070	ALL	462363.7	3773940	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.46E-07	0.00E+00	9.87E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
5071	ALL	462355	3773936	NonCancer	0.00E+00	2.07E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.44E-07	0.00E+00	9.85E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
5072	ALL	462346.4	3773933	NonCancer	0.00E+00	2.05E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.40E-07	0.00E+00	9.79E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
5073	ALL	462337.7	3773929	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.37E-07	0.00E+00	9.74E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
5074	ALL	462329	3773926	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.32E-07	0.00E+00	9.67E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06

5075	ALL	462320.4	3773922	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.23E-07	0.00E+00	9.52E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
5076	ALL	462255	3773863	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.70E-07	0.00E+00	8.72E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
5077	ALL	462251.3	3773854	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.71E-07	0.00E+00	8.73E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
5078	ALL	462247.7	3773846	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.72E-07	0.00E+00	8.74E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
5079	ALL	462244.1	3773837	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.75E-07	0.00E+00	8.79E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
5080	ALL	462240.4	3773829	NonCancer	0.00E+00	1.81E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.64E-07	0.00E+00	8.63E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
5081	ALL	462236.8	3773820	NonCancer	0.00E+00	1.77E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.53E-07	0.00E+00	8.46E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
5082	ALL	462233.1	3773811	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.40E-07	0.00E+00	8.25E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
5083	ALL	462229.5	3773803	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.33E-07	0.00E+00	8.15E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
5084	ALL	462225.9	3773794	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.33E-07	0.00E+00	8.14E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
5085	ALL	462207.7	3773751	NonCancer	0.00E+00	1.64E-08	9.90E-07	0.00E+00	0.00E+00	9.98E-07	5.13E-07	0.00E+00	7.84E-07	0.00E+00	0.00E+00	9.90E-07	0.00E+00	0.00E+00	9.98E-07
5086	ALL	462204	3773742	NonCancer	0.00E+00	1.65E-08	9.94E-07	0.00E+00	0.00E+00	1.00E-06	5.15E-07	0.00E+00	7.88E-07	0.00E+00	0.00E+00	9.94E-07	0.00E+00	0.00E+00	1.00E-06
5087	ALL	462200.4	3773734	NonCancer	0.00E+00	1.65E-08	9.91E-07	0.00E+00	0.00E+00	9.99E-07	5.14E-07	0.00E+00	7.85E-07	0.00E+00	0.00E+00	9.91E-07	0.00E+00	0.00E+00	9.99E-07
5088	ALL	462196.7	3773725	NonCancer	0.00E+00	1.63E-08	9.80E-07	0.00E+00	0.00E+00	9.88E-07	5.08E-07	0.00E+00	7.76E-07	0.00E+00	0.00E+00	9.80E-07	0.00E+00	0.00E+00	9.88E-07
5089	ALL	462185.8	3773699	NonCancer	0.00E+00	1.53E-08	9.19E-07	0.00E+00	0.00E+00	9.26E-07	4.76E-07	0.00E+00	7.28E-07	0.00E+00	0.00E+00	9.19E-07	0.00E+00	0.00E+00	9.26E-07
5090	ALL	462182.2	3773691	NonCancer	0.00E+00	1.50E-08	9.05E-07	0.00E+00	0.00E+00	9.12E-07	4.69E-07	0.00E+00	7.17E-07	0.00E+00	0.00E+00	9.05E-07	0.00E+00	0.00E+00	9.12E-07
5091	ALL	462178.5	3773682	NonCancer	0.00E+00	1.49E-08	8.97E-07	0.00E+00	0.00E+00	9.04E-07	4.65E-07	0.00E+00	7.11E-07	0.00E+00	0.00E+00	8.97E-07	0.00E+00	0.00E+00	9.04E-07
5092	ALL	462174.9	3773673	NonCancer	0.00E+00	1.47E-08	8.87E-07	0.00E+00	0.00E+00	8.94E-07	4.60E-07	0.00E+00	7.03E-07	0.00E+00	0.00E+00	8.87E-07	0.00E+00	0.00E+00	8.94E-07
5093	ALL	462171.3	3773665	NonCancer	0.00E+00	1.46E-08	8.77E-07	0.00E+00	0.00E+00	8.84E-07	4.55E-07	0.00E+00	6.95E-07	0.00E+00	0.00E+00	8.77E-07	0.00E+00	0.00E+00	8.84E-07
5094	ALL	462083.9	3773458	NonCancer	0.00E+00	1.05E-08	6.34E-07	0.00E+00	0.00E+00	6.39E-07	3.28E-07	0.00E+00	5.02E-07	0.00E+00	0.00E+00	6.34E-07	0.00E+00	0.00E+00	6.39E-07
5095	ALL	462080.2	3773449	NonCancer	0.00E+00	1.04E-08	6.27E-07	0.00E+00	0.00E+00	6.32E-07	3.25E-07	0.00E+00	4.97E-07	0.00E+00	0.00E+00	6.27E-07	0.00E+00	0.00E+00	6.32E-07
5096	ALL	462076.6	3773441	NonCancer	0.00E+00	1.03E-08	6.20E-07	0.00E+00	0.00E+00	6.25E-07	3.21E-07	0.00E+00	4.91E-07	0.00E+00	0.00E+00	6.20E-07	0.00E+00	0.00E+00	6.25E-07
5097	ALL	462073	3773432	NonCancer	0.00E+00	1.02E-08	6.13E-07	0.00E+00	0.00E+00	6.18E-07	3.18E-07	0.00E+00	4.85E-07	0.00E+00	0.00E+00	6.13E-07	0.00E+00	0.00E+00	6.18E-07
5098	ALL	462054.8	3773389	NonCancer	0.00E+00	9.25E-09	5.57E-07	0.00E+00	0.00E+00	5.61E-07	2.89E-07	0.00E+00	4.41E-07	0.00E+00	0.00E+00	5.57E-07	0.00E+00	0.00E+00	5.61E-07
5099	ALL	462051.1	3773380	NonCancer	0.00E+00	9.10E-09	5.48E-07	0.00E+00	0.00E+00	5.52E-07	2.84E-07	0.00E+00	4.34E-07	0.00E+00	0.00E+00	5.48E-07	0.00E+00	0.00E+00	5.52E-07
5100	ALL	462047.5	3773372	NonCancer	0.00E+00	8.93E-09	5.38E-07	0.00E+00	0.00E+00	5.42E-07	2.79E-07	0.00E+00	4.26E-07	0.00E+00	0.00E+00	5.38E-07	0.00E+00	0.00E+00	5.42E-07
5101	ALL	462043.8	3773363	NonCancer	0.00E+00	8.68E-09	5.22E-07	0.00E+00	0.00E+00	5.27E-07	2.71E-07	0.00E+00	4.14E-07	0.00E+00	0.00E+00	5.22E-07	0.00E+00	0.00E+00	5.27E-07
5102	ALL	462040.2	3773355	NonCancer	0.00E+00	8.39E-09	5.05E-07	0.00E+00	0.00E+00	5.09E-07	2.62E-07	0.00E+00	4.00E-07	0.00E+00	0.00E+00	5.05E-07	0.00E+00	0.00E+00	5.09E-07
5103	ALL	462036.6	3773346	NonCancer	0.00E+00	8.35E-09	5.03E-07	0.00E+00	0.00E+00	5.07E-07	2.61E-07	0.00E+00	3.98E-07	0.00E+00	0.00E+00	5.03E-07	0.00E+00	0.00E+00	5.07E-07
5104	ALL	462032.9	3773337	NonCancer	0.00E+00	8.30E-09	5.00E-07	0.00E+00	0.00E+00	5.04E-07	2.59E-07	0.00E+00	3.96E-07	0.00E+00	0.00E+00	5.00E-07	0.00E+00	0.00E+00	5.04E-07
5105	ALL	462029.3	3773329	NonCancer	0.00E+00	8.26E-09	4.97E-07	0.00E+00	0.00E+00	5.01E-07	2.58E-07	0.00E+00	3.94E-07	0.00E+00	0.00E+00	4.97E-07	0.00E+00	0.00E+00	5.01E-07
5106	ALL	462025.6	3773320	NonCancer	0.00E+00	8.09E-09	4.87E-07	0.00E+00	0.00E+00	4.91E-07	2.52E-07	0.00E+00	3.86E-07	0.00E+00	0.00E+00	4.87E-07	0.00E+00	0.00E+00	4.91E-07
5107	ALL	462022	3773311	NonCancer	0.00E+00	7.91E-09	4.76E-07	0.00E+00	0.00E+00	4.80E-07	2.47E-07	0.00E+00	3.77E-07	0.00E+00	0.00E+00	4.76E-07	0.00E+00	0.00E+00	4.80E-07
5108	ALL	462018.4	3773303	NonCancer	0.00E+00	7.74E-09	4.66E-07	0.00E+00	0.00E+00	4.70E-07	2.42E-07	0.00E+00	3.69E-07	0.00E+00	0.00E+00	4.66E-07	0.00E+00	0.00E+00	4.70E-07
5109	ALL	462014.7	3773294	NonCancer	0.00E+00	7.60E-09	4.58E-07	0.00E+00	0.00E+00	4.61E-07	2.37E-07	0.00E+00	3.62E-07	0.00E+00	0.00E+00	4.58E-07	0.00E+00	0.00E+00	4.61E-07
5110	ALL	462011.1	3773286	NonCancer	0.00E+00	7.48E-09	4.50E-07	0.00E+00	0.00E+00	4.54E-07	2.33E-07	0.00E+00	3.57E-07	0.00E+00	0.00E+00	4.50E-07	0.00E+00	0.00E+00	4.54E-07
5111	ALL	462917.5	3774208	NonCancer	0.00E+00	2.92E-08	1.76E-06	0.00E+00	0.00E+00	1.77E-06	9.11E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.77E-06
5112	ALL	462908.8	3774204	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.00E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
5113	ALL	462900.2	3774201	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.87E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
5114	ALL	462891.5	3774197	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.72E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
5115	ALL	462882.9	3774194	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.66E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
5116	ALL	462874.3	3774190	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.71E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
5117	ALL	462865.6	3774186	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.70E-06	8.76E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.70E-06
5118	ALL	462857	3774183	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.82E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
5119	ALL	462848.3	3774179	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.81E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
5120	ALL	462839.7	3774176	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.70E-06	8.72E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.70E-06
5121	ALL	462831	3774172	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.69E-06	8.67E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.69E-06
5122	ALL	462813.7	3774165	NonCancer	0.00E+00	2.73E-08	1.64E-06	0.00E+00	0.00E+00	1.66E-06	8.52E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.66E-06
5123	ALL	462805.1	3774162	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.49E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
5124	ALL	462796.5	3774158	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.65E-06	8.47E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.65E-06
5125	ALL	462787.8	3774154	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.50E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
5126	ALL	462779.2	3774151	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.55E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
5127	ALL	462770.5	3774147	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.56E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
5128	ALL	462761.9	3774144	NonCancer	0.00E+00	2.73E-08	1.64E-06	0.00E+00	0.00E+00	1.66E-06	8.52E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.66E-06

5129	ALL	462753.2	3774140	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.44E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
5130	ALL	462744.6	3774137	NonCancer	0.00E+00	2.68E-08	1.61E-06	0.00E+00	0.00E+00	1.63E-06	8.36E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.63E-06
5131	ALL	462735.9	3774133	NonCancer	0.00E+00	2.68E-08	1.61E-06	0.00E+00	0.00E+00	1.63E-06	8.36E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.63E-06
5132	ALL	462727.3	3774130	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.32E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
5133	ALL	462718.7	3774126	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.30E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
5134	ALL	462710	3774122	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.29E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
5135	ALL	462701.4	3774119	NonCancer	0.00E+00	2.65E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.28E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
5136	ALL	462692.7	3774115	NonCancer	0.00E+00	2.65E-08	1.59E-06	0.00E+00	0.00E+00	1.61E-06	8.26E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.61E-06
5137	ALL	462684.1	3774112	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.25E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
5138	ALL	462675.4	3774108	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.60E-06	8.21E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.60E-06
5139	ALL	462666.8	3774105	NonCancer	0.00E+00	2.62E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.17E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
5140	ALL	462658.1	3774101	NonCancer	0.00E+00	2.59E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.08E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
5141	ALL	462649.5	3774098	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.97E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
5142	ALL	462640.8	3774094	NonCancer	0.00E+00	2.52E-08	1.51E-06	0.00E+00	0.00E+00	1.53E-06	7.85E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.53E-06
5143	ALL	462511.2	3774041	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.16E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
5144	ALL	462502.5	3774037	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.16E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
5145	ALL	462493.9	3774033	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.16E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
5146	ALL	462485.2	3774030	NonCancer	0.00E+00	2.28E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.13E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
5147	ALL	462476.6	3774026	NonCancer	0.00E+00	2.28E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.11E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
5148	ALL	462468	3774023	NonCancer	0.00E+00	2.28E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.11E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
5149	ALL	462459.3	3774019	NonCancer	0.00E+00	2.27E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.08E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
5150	ALL	462450.7	3774016	NonCancer	0.00E+00	2.25E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.03E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
5151	ALL	462442	3774012	NonCancer	0.00E+00	2.22E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.93E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
5152	ALL	462433.4	3774009	NonCancer	0.00E+00	2.20E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.86E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
5153	ALL	462424.7	3774005	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.80E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
5154	ALL	462416.1	3774001	NonCancer	0.00E+00	2.15E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.72E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
5155	ALL	462407.4	3773998	NonCancer	0.00E+00	2.12E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.62E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
5156	ALL	462398.8	3773994	NonCancer	0.00E+00	2.09E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.52E-07	0.00E+00	9.97E-07	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
5157	ALL	462390.2	3773991	NonCancer	0.00E+00	2.10E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.57E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
5158	ALL	462381.5	3773987	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.68E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
5159	ALL	462372.9	3773984	NonCancer	0.00E+00	2.17E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.78E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
5160	ALL	462364.2	3773980	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.73E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
5161	ALL	462355.6	3773977	NonCancer	0.00E+00	2.11E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.59E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
5162	ALL	462346.9	3773973	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.48E-07	0.00E+00	9.91E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
5163	ALL	462338.3	3773969	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.43E-07	0.00E+00	9.83E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
5164	ALL	462329.6	3773966	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.36E-07	0.00E+00	9.72E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
5165	ALL	462321	3773962	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.26E-07	0.00E+00	9.57E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
5166	ALL	462206.2	3773843	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.54E-07	0.00E+00	8.47E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
5167	ALL	462202.6	3773834	NonCancer	0.00E+00	1.77E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.51E-07	0.00E+00	8.42E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
5168	ALL	462199	3773826	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.40E-07	0.00E+00	8.26E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
5169	ALL	462195.3	3773817	NonCancer	0.00E+00	1.69E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.28E-07	0.00E+00	8.06E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
5170	ALL	462191.7	3773808	NonCancer	0.00E+00	1.65E-08	9.92E-07	0.00E+00	0.00E+00	1.00E-06	5.14E-07	0.00E+00	7.86E-07	0.00E+00	0.00E+00	9.92E-07	0.00E+00	0.00E+00	1.00E-06
5171	ALL	462188	3773800	NonCancer	0.00E+00	1.65E-08	9.91E-07	0.00E+00	0.00E+00	9.99E-07	5.14E-07	0.00E+00	7.85E-07	0.00E+00	0.00E+00	9.91E-07	0.00E+00	0.00E+00	9.99E-07
5172	ALL	462184.4	3773791	NonCancer	0.00E+00	1.65E-08	9.95E-07	0.00E+00	0.00E+00	1.00E-06	5.16E-07	0.00E+00	7.88E-07	0.00E+00	0.00E+00	9.95E-07	0.00E+00	0.00E+00	1.00E-06
5173	ALL	462180.8	3773782	NonCancer	0.00E+00	1.65E-08	9.92E-07	0.00E+00	0.00E+00	1.00E-06	5.14E-07	0.00E+00	7.86E-07	0.00E+00	0.00E+00	9.92E-07	0.00E+00	0.00E+00	1.00E-06
5174	ALL	462177.1	3773774	NonCancer	0.00E+00	1.65E-08	9.91E-07	0.00E+00	0.00E+00	9.99E-07	5.13E-07	0.00E+00	7.85E-07	0.00E+00	0.00E+00	9.91E-07	0.00E+00	0.00E+00	9.99E-07
5175	ALL	462173.5	3773765	NonCancer	0.00E+00	1.66E-08	9.97E-07	0.00E+00	0.00E+00	1.00E-06	5.17E-07	0.00E+00	7.90E-07	0.00E+00	0.00E+00	9.97E-07	0.00E+00	0.00E+00	1.00E-06
5176	ALL	462169.9	3773757	NonCancer	0.00E+00	1.67E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.20E-07	0.00E+00	7.94E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
5177	ALL	462166.2	3773748	NonCancer	0.00E+00	1.67E-08	1.01E-06	0.00E+00	0.00E+00	1.01E-06	5.21E-07	0.00E+00	7.96E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.01E-06
5178	ALL	462162.6	3773739	NonCancer	0.00E+00	1.64E-08	9.86E-07	0.00E+00	0.00E+00	9.94E-07	5.11E-07	0.00E+00	7.81E-07	0.00E+00	0.00E+00	9.86E-07	0.00E+00	0.00E+00	9.94E-07
5179	ALL	462159	3773731	NonCancer	0.00E+00	1.60E-08	9.64E-07	0.00E+00	0.00E+00	9.71E-07	4.99E-07	0.00E+00	7.63E-07	0.00E+00	0.00E+00	9.64E-07	0.00E+00	0.00E+00	9.71E-07
5180	ALL	462144.4	3773696	NonCancer	0.00E+00	1.53E-08	9.21E-07	0.00E+00	0.00E+00	9.28E-07	4.77E-07	0.00E+00	7.29E-07	0.00E+00	0.00E+00	9.21E-07	0.00E+00	0.00E+00	9.28E-07
5181	ALL	462140.8	3773688	NonCancer	0.00E+00	1.52E-08	9.14E-07	0.00E+00	0.00E+00	9.21E-07	4.74E-07	0.00E+00	7.24E-07	0.00E+00	0.00E+00	9.14E-07	0.00E+00	0.00E+00	9.21E-07
5182	ALL	462137.1	3773679	NonCancer	0.00E+00	1.48E-08	8.93E-07	0.00E+00	0.00E+00	9.00E-07	4.63E-07	0.00E+00	7.08E-07	0.00E+00	0.00E+00	8.93E-07	0.00E+00	0.00E+00	9.00E-07

5183	ALL	462133.5	3773671	NonCancer	0.00E+00	1.44E-08	8.68E-07	0.00E+00	0.00E+00	8.74E-07	4.50E-07	0.00E+00	6.87E-07	0.00E+00	0.00E+00	8.68E-07	0.00E+00	0.00E+00	8.74E-07
5184	ALL	462042.6	3773455	NonCancer	0.00E+00	1.00E-08	6.05E-07	0.00E+00	0.00E+00	6.10E-07	3.14E-07	0.00E+00	4.79E-07	0.00E+00	0.00E+00	6.05E-07	0.00E+00	0.00E+00	6.10E-07
5185	ALL	462039	3773447	NonCancer	0.00E+00	9.83E-09	5.92E-07	0.00E+00	0.00E+00	5.97E-07	3.07E-07	0.00E+00	4.69E-07	0.00E+00	0.00E+00	5.92E-07	0.00E+00	0.00E+00	5.97E-07
5186	ALL	462035.3	3773438	NonCancer	0.00E+00	9.76E-09	5.88E-07	0.00E+00	0.00E+00	5.92E-07	3.05E-07	0.00E+00	4.66E-07	0.00E+00	0.00E+00	5.88E-07	0.00E+00	0.00E+00	5.92E-07
5187	ALL	462031.7	3773429	NonCancer	0.00E+00	9.76E-09	5.87E-07	0.00E+00	0.00E+00	5.92E-07	3.04E-07	0.00E+00	4.65E-07	0.00E+00	0.00E+00	5.87E-07	0.00E+00	0.00E+00	5.92E-07
5188	ALL	462028	3773421	NonCancer	0.00E+00	9.66E-09	5.82E-07	0.00E+00	0.00E+00	5.86E-07	3.01E-07	0.00E+00	4.61E-07	0.00E+00	0.00E+00	5.82E-07	0.00E+00	0.00E+00	5.86E-07
5189	ALL	462024.4	3773412	NonCancer	0.00E+00	9.54E-09	5.74E-07	0.00E+00	0.00E+00	5.79E-07	2.98E-07	0.00E+00	4.55E-07	0.00E+00	0.00E+00	5.74E-07	0.00E+00	0.00E+00	5.79E-07
5190	ALL	462020.8	3773404	NonCancer	0.00E+00	9.46E-09	5.70E-07	0.00E+00	0.00E+00	5.74E-07	2.95E-07	0.00E+00	4.51E-07	0.00E+00	0.00E+00	5.70E-07	0.00E+00	0.00E+00	5.74E-07
5191	ALL	462017.1	3773395	NonCancer	0.00E+00	9.41E-09	5.67E-07	0.00E+00	0.00E+00	5.71E-07	2.94E-07	0.00E+00	4.49E-07	0.00E+00	0.00E+00	5.67E-07	0.00E+00	0.00E+00	5.71E-07
5192	ALL	462013.5	3773386	NonCancer	0.00E+00	9.33E-09	5.62E-07	0.00E+00	0.00E+00	5.66E-07	2.91E-07	0.00E+00	4.45E-07	0.00E+00	0.00E+00	5.62E-07	0.00E+00	0.00E+00	5.66E-07
5193	ALL	462009.9	3773378	NonCancer	0.00E+00	8.96E-09	5.39E-07	0.00E+00	0.00E+00	5.43E-07	2.79E-07	0.00E+00	4.27E-07	0.00E+00	0.00E+00	5.39E-07	0.00E+00	0.00E+00	5.43E-07
5194	ALL	462006.2	3773369	NonCancer	0.00E+00	8.63E-09	5.19E-07	0.00E+00	0.00E+00	5.23E-07	2.69E-07	0.00E+00	4.11E-07	0.00E+00	0.00E+00	5.19E-07	0.00E+00	0.00E+00	5.23E-07
5195	ALL	462002.6	3773361	NonCancer	0.00E+00	8.24E-09	4.96E-07	0.00E+00	0.00E+00	5.00E-07	2.57E-07	0.00E+00	3.93E-07	0.00E+00	0.00E+00	4.96E-07	0.00E+00	0.00E+00	5.00E-07
5196	ALL	461999	3773352	NonCancer	0.00E+00	8.02E-09	4.83E-07	0.00E+00	0.00E+00	4.87E-07	2.50E-07	0.00E+00	3.82E-07	0.00E+00	0.00E+00	4.83E-07	0.00E+00	0.00E+00	4.87E-07
5197	ALL	461995.3	3773343	NonCancer	0.00E+00	7.98E-09	4.80E-07	0.00E+00	0.00E+00	4.84E-07	2.49E-07	0.00E+00	3.80E-07	0.00E+00	0.00E+00	4.80E-07	0.00E+00	0.00E+00	4.84E-07
5198	ALL	461991.7	3773335	NonCancer	0.00E+00	7.95E-09	4.79E-07	0.00E+00	0.00E+00	4.83E-07	2.48E-07	0.00E+00	3.79E-07	0.00E+00	0.00E+00	4.79E-07	0.00E+00	0.00E+00	4.83E-07
5199	ALL	461988	3773326	NonCancer	0.00E+00	7.92E-09	4.77E-07	0.00E+00	0.00E+00	4.80E-07	2.47E-07	0.00E+00	3.78E-07	0.00E+00	0.00E+00	4.77E-07	0.00E+00	0.00E+00	4.80E-07
5200	ALL	461984.4	3773317	NonCancer	0.00E+00	7.72E-09	4.65E-07	0.00E+00	0.00E+00	4.68E-07	2.41E-07	0.00E+00	3.68E-07	0.00E+00	0.00E+00	4.65E-07	0.00E+00	0.00E+00	4.68E-07
5201	ALL	461980.8	3773309	NonCancer	0.00E+00	7.56E-09	4.55E-07	0.00E+00	0.00E+00	4.58E-07	2.36E-07	0.00E+00	3.60E-07	0.00E+00	0.00E+00	4.55E-07	0.00E+00	0.00E+00	4.58E-07
5202	ALL	461977.1	3773300	NonCancer	0.00E+00	7.40E-09	4.46E-07	0.00E+00	0.00E+00	4.49E-07	2.31E-07	0.00E+00	3.53E-07	0.00E+00	0.00E+00	4.46E-07	0.00E+00	0.00E+00	4.49E-07
5203	ALL	461973.5	3773292	NonCancer	0.00E+00	7.32E-09	4.41E-07	0.00E+00	0.00E+00	4.44E-07	2.28E-07	0.00E+00	3.49E-07	0.00E+00	0.00E+00	4.41E-07	0.00E+00	0.00E+00	4.44E-07
5204	ALL	461969.9	3773283	NonCancer	0.00E+00	7.30E-09	4.39E-07	0.00E+00	0.00E+00	4.43E-07	2.28E-07	0.00E+00	3.48E-07	0.00E+00	0.00E+00	4.39E-07	0.00E+00	0.00E+00	4.43E-07
5205	ALL	462917.5	3774248	NonCancer	0.00E+00	2.93E-08	1.76E-06	0.00E+00	0.00E+00	1.78E-06	9.14E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.78E-06
5206	ALL	462908.8	3774244	NonCancer	0.00E+00	2.93E-08	1.76E-06	0.00E+00	0.00E+00	1.78E-06	9.13E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.78E-06
5207	ALL	462900.2	3774241	NonCancer	0.00E+00	2.94E-08	1.77E-06	0.00E+00	0.00E+00	1.78E-06	9.16E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.78E-06
5208	ALL	462891.5	3774237	NonCancer	0.00E+00	2.93E-08	1.76E-06	0.00E+00	0.00E+00	1.78E-06	9.13E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.78E-06
5209	ALL	462882.9	3774234	NonCancer	0.00E+00	2.90E-08	1.75E-06	0.00E+00	0.00E+00	1.76E-06	9.05E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.76E-06
5210	ALL	462874.2	3774230	NonCancer	0.00E+00	2.87E-08	1.73E-06	0.00E+00	0.00E+00	1.74E-06	8.96E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.74E-06
5211	ALL	462865.5	3774226	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.85E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
5212	ALL	462856.9	3774223	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.81E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
5213	ALL	462848.2	3774219	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.84E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
5214	ALL	462839.6	3774216	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.81E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
5215	ALL	462830.9	3774212	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.79E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
5216	ALL	462822.3	3774209	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.79E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
5217	ALL	462813.6	3774205	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.77E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
5218	ALL	462805	3774202	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.70E-06	8.76E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.70E-06
5219	ALL	462796.3	3774198	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.70E-06	8.72E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.70E-06
5220	ALL	462787.7	3774194	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.64E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
5221	ALL	462779	3774191	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.62E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
5222	ALL	462770.4	3774187	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.62E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
5223	ALL	462761.7	3774184	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.64E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
5224	ALL	462753	3774180	NonCancer	0.00E+00	2.77E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.63E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
5225	ALL	462744.4	3774177	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.60E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
5226	ALL	462735.7	3774173	NonCancer	0.00E+00	2.75E-08	1.65E-06	0.00E+00	0.00E+00	1.67E-06	8.57E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.67E-06
5227	ALL	462727.1	3774169	NonCancer	0.00E+00	2.75E-08	1.65E-06	0.00E+00	0.00E+00	1.67E-06	8.57E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.67E-06
5228	ALL	462718.4	3774166	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.53E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
5229	ALL	462709.8	3774162	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.45E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
5230	ALL	462701.1	3774159	NonCancer	0.00E+00	2.68E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.38E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
5231	ALL	462692.5	3774155	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.62E-06	8.31E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.62E-06
5232	ALL	462683.8	3774152	NonCancer	0.00E+00	2.63E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.22E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
5233	ALL	462675.2	3774148	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.14E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
5234	ALL	462666.5	3774145	NonCancer	0.00E+00	2.58E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.06E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
5235	ALL	462657.8	3774141	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.98E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
5236	ALL	462649.2	3774137	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.92E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06

5237	ALL	462640.5	3774134	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.88E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
5238	ALL	462631.9	3774130	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.82E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
5239	ALL	462605.9	3774120	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.73E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
5240	ALL	462597.3	3774116	NonCancer	0.00E+00	2.47E-08	1.48E-06	0.00E+00	0.00E+00	1.50E-06	7.70E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.50E-06
5241	ALL	462588.6	3774112	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.69E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
5242	ALL	462580	3774109	NonCancer	0.00E+00	2.47E-08	1.48E-06	0.00E+00	0.00E+00	1.50E-06	7.69E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.50E-06
5243	ALL	462571.3	3774105	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.67E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
5244	ALL	462562.7	3774102	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.57E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
5245	ALL	462554	3774098	NonCancer	0.00E+00	2.40E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.50E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
5246	ALL	462545.3	3774095	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.46E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
5247	ALL	462536.7	3774091	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.45E-06	7.44E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.45E-06
5248	ALL	462528	3774088	NonCancer	0.00E+00	2.40E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.47E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
5249	ALL	462519.4	3774084	NonCancer	0.00E+00	2.42E-08	1.45E-06	0.00E+00	0.00E+00	1.47E-06	7.54E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.47E-06
5250	ALL	462415.5	3774041	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.74E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
5251	ALL	462406.9	3774038	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.73E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
5252	ALL	462398.2	3774034	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.73E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
5253	ALL	462389.6	3774031	NonCancer	0.00E+00	2.17E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.77E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
5254	ALL	462380.9	3774027	NonCancer	0.00E+00	2.17E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.76E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
5255	ALL	462372.3	3774023	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.72E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
5256	ALL	462363.6	3774020	NonCancer	0.00E+00	2.13E-08	1.28E-06	0.00E+00	0.00E+00	1.30E-06	6.66E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.30E-06
5257	ALL	462355	3774016	NonCancer	0.00E+00	2.12E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.61E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
5258	ALL	462346.3	3774013	NonCancer	0.00E+00	2.12E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.60E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
5259	ALL	462337.6	3774009	NonCancer	0.00E+00	2.10E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.56E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
5260	ALL	462329	3774006	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.50E-07	0.00E+00	9.94E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
5261	ALL	462320.3	3774002	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.44E-07	0.00E+00	9.84E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
5262	ALL	462211.4	3773950	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.06E-07	0.00E+00	9.27E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
5263	ALL	462207.8	3773941	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.96E-07	0.00E+00	9.12E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
5264	ALL	462204.1	3773933	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.85E-07	0.00E+00	8.94E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
5265	ALL	462200.5	3773924	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.74E-07	0.00E+00	8.78E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
5266	ALL	462196.8	3773916	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.74E-07	0.00E+00	8.78E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
5267	ALL	462193.2	3773907	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.11E-06	5.73E-07	0.00E+00	8.76E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.11E-06
5268	ALL	462189.6	3773898	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.74E-07	0.00E+00	8.78E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
5269	ALL	462185.9	3773890	NonCancer	0.00E+00	1.82E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.69E-07	0.00E+00	8.70E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
5270	ALL	462182.3	3773881	NonCancer	0.00E+00	1.80E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.61E-07	0.00E+00	8.58E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
5271	ALL	462171.4	3773855	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.50E-07	0.00E+00	8.40E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
5272	ALL	462167.7	3773847	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.46E-07	0.00E+00	8.35E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
5273	ALL	462164.1	3773838	NonCancer	0.00E+00	1.72E-08	1.04E-06	0.00E+00	0.00E+00	1.04E-06	5.37E-07	0.00E+00	8.21E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.04E-06
5274	ALL	462160.4	3773829	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.33E-07	0.00E+00	8.15E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
5275	ALL	462156.8	3773821	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.34E-07	0.00E+00	8.17E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
5276	ALL	462153.2	3773812	NonCancer	0.00E+00	1.72E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.35E-07	0.00E+00	8.18E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
5277	ALL	462149.5	3773804	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.33E-07	0.00E+00	8.15E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
5278	ALL	462145.9	3773795	NonCancer	0.00E+00	1.67E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.21E-07	0.00E+00	7.96E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
5279	ALL	462127.7	3773752	NonCancer	0.00E+00	1.61E-08	9.69E-07	0.00E+00	0.00E+00	9.77E-07	5.03E-07	0.00E+00	7.68E-07	0.00E+00	0.00E+00	9.69E-07	0.00E+00	0.00E+00	9.77E-07
5280	ALL	462124	3773743	NonCancer	0.00E+00	1.60E-08	9.63E-07	0.00E+00	0.00E+00	9.71E-07	4.99E-07	0.00E+00	7.63E-07	0.00E+00	0.00E+00	9.63E-07	0.00E+00	0.00E+00	9.71E-07
5281	ALL	462120.4	3773735	NonCancer	0.00E+00	1.56E-08	9.41E-07	0.00E+00	0.00E+00	9.48E-07	4.88E-07	0.00E+00	7.45E-07	0.00E+00	0.00E+00	9.41E-07	0.00E+00	0.00E+00	9.48E-07
5282	ALL	462116.8	3773726	NonCancer	0.00E+00	1.52E-08	9.17E-07	0.00E+00	0.00E+00	9.24E-07	4.75E-07	0.00E+00	7.27E-07	0.00E+00	0.00E+00	9.17E-07	0.00E+00	0.00E+00	9.24E-07
5283	ALL	462105.8	3773700	NonCancer	0.00E+00	1.46E-08	8.79E-07	0.00E+00	0.00E+00	8.86E-07	4.56E-07	0.00E+00	6.97E-07	0.00E+00	0.00E+00	8.79E-07	0.00E+00	0.00E+00	8.86E-07
5284	ALL	462102.2	3773691	NonCancer	0.00E+00	1.46E-08	8.79E-07	0.00E+00	0.00E+00	8.86E-07	4.56E-07	0.00E+00	6.97E-07	0.00E+00	0.00E+00	8.79E-07	0.00E+00	0.00E+00	8.86E-07
5285	ALL	462098.6	3773683	NonCancer	0.00E+00	1.44E-08	8.68E-07	0.00E+00	0.00E+00	8.75E-07	4.50E-07	0.00E+00	6.88E-07	0.00E+00	0.00E+00	8.68E-07	0.00E+00	0.00E+00	8.75E-07
5286	ALL	462094.9	3773674	NonCancer	0.00E+00	1.41E-08	8.48E-07	0.00E+00	0.00E+00	8.55E-07	4.40E-07	0.00E+00	6.72E-07	0.00E+00	0.00E+00	8.48E-07	0.00E+00	0.00E+00	8.55E-07
5287	ALL	462091.3	3773666	NonCancer	0.00E+00	1.37E-08	8.26E-07	0.00E+00	0.00E+00	8.33E-07	4.28E-07	0.00E+00	6.54E-07	0.00E+00	0.00E+00	8.26E-07	0.00E+00	0.00E+00	8.33E-07
5288	ALL	462003.9	3773459	NonCancer	0.00E+00	1.04E-08	6.24E-07	0.00E+00	0.00E+00	6.29E-07	3.24E-07	0.00E+00	4.95E-07	0.00E+00	0.00E+00	6.24E-07	0.00E+00	0.00E+00	6.29E-07
5289	ALL	462000.3	3773450	NonCancer	0.00E+00	1.04E-08	6.25E-07	0.00E+00	0.00E+00	6.30E-07	3.24E-07	0.00E+00	4.95E-07	0.00E+00	0.00E+00	6.25E-07	0.00E+00	0.00E+00	6.30E-07
5290	ALL	461996.6	3773441	NonCancer	0.00E+00	1.02E-08	6.16E-07	0.00E+00	0.00E+00	6.21E-07	3.19E-07	0.00E+00	4.88E-07	0.00E+00	0.00E+00	6.16E-07	0.00E+00	0.00E+00	6.21E-07

5291	ALL	461993	3773433	NonCancer	0.00E+00	1.01E-08	6.06E-07	0.00E+00	0.00E+00	6.11E-07	3.14E-07	0.00E+00	4.80E-07	0.00E+00	0.00E+00	6.06E-07	0.00E+00	0.00E+00	6.11E-07
5292	ALL	461989.3	3773424	NonCancer	0.00E+00	1.00E-08	6.02E-07	0.00E+00	0.00E+00	6.07E-07	3.12E-07	0.00E+00	4.77E-07	0.00E+00	0.00E+00	6.02E-07	0.00E+00	0.00E+00	6.07E-07
5293	ALL	461985.7	3773416	NonCancer	0.00E+00	1.00E-08	6.02E-07	0.00E+00	0.00E+00	6.07E-07	3.12E-07	0.00E+00	4.77E-07	0.00E+00	0.00E+00	6.02E-07	0.00E+00	0.00E+00	6.07E-07
5294	ALL	461982.1	3773407	NonCancer	0.00E+00	9.79E-09	5.89E-07	0.00E+00	0.00E+00	5.94E-07	3.05E-07	0.00E+00	4.67E-07	0.00E+00	0.00E+00	5.89E-07	0.00E+00	0.00E+00	5.94E-07
5295	ALL	461978.4	3773398	NonCancer	0.00E+00	9.47E-09	5.70E-07	0.00E+00	0.00E+00	5.75E-07	2.96E-07	0.00E+00	4.52E-07	0.00E+00	0.00E+00	5.70E-07	0.00E+00	0.00E+00	5.75E-07
5296	ALL	461974.8	3773390	NonCancer	0.00E+00	9.08E-09	5.46E-07	0.00E+00	0.00E+00	5.51E-07	2.83E-07	0.00E+00	4.33E-07	0.00E+00	0.00E+00	5.46E-07	0.00E+00	0.00E+00	5.51E-07
5297	ALL	461971.1	3773381	NonCancer	0.00E+00	8.74E-09	5.26E-07	0.00E+00	0.00E+00	5.30E-07	2.73E-07	0.00E+00	4.17E-07	0.00E+00	0.00E+00	5.26E-07	0.00E+00	0.00E+00	5.30E-07
5298	ALL	461967.5	3773372	NonCancer	0.00E+00	8.41E-09	5.06E-07	0.00E+00	0.00E+00	5.10E-07	2.62E-07	0.00E+00	4.01E-07	0.00E+00	0.00E+00	5.06E-07	0.00E+00	0.00E+00	5.10E-07
5299	ALL	461963.9	3773364	NonCancer	0.00E+00	8.05E-09	4.85E-07	0.00E+00	0.00E+00	4.89E-07	2.51E-07	0.00E+00	3.84E-07	0.00E+00	0.00E+00	4.85E-07	0.00E+00	0.00E+00	4.89E-07
5300	ALL	461960.2	3773355	NonCancer	0.00E+00	7.71E-09	4.64E-07	0.00E+00	0.00E+00	4.68E-07	2.40E-07	0.00E+00	3.68E-07	0.00E+00	0.00E+00	4.64E-07	0.00E+00	0.00E+00	4.68E-07
5301	ALL	461956.6	3773347	NonCancer	0.00E+00	7.67E-09	4.62E-07	0.00E+00	0.00E+00	4.66E-07	2.39E-07	0.00E+00	3.66E-07	0.00E+00	0.00E+00	4.62E-07	0.00E+00	0.00E+00	4.66E-07
5302	ALL	461952.9	3773338	NonCancer	0.00E+00	7.66E-09	4.61E-07	0.00E+00	0.00E+00	4.65E-07	2.39E-07	0.00E+00	3.65E-07	0.00E+00	0.00E+00	4.61E-07	0.00E+00	0.00E+00	4.65E-07
5303	ALL	461949.3	3773329	NonCancer	0.00E+00	7.63E-09	4.59E-07	0.00E+00	0.00E+00	4.63E-07	2.38E-07	0.00E+00	3.64E-07	0.00E+00	0.00E+00	4.59E-07	0.00E+00	0.00E+00	4.63E-07
5304	ALL	461945.7	3773321	NonCancer	0.00E+00	7.49E-09	4.51E-07	0.00E+00	0.00E+00	4.55E-07	2.34E-07	0.00E+00	3.57E-07	0.00E+00	0.00E+00	4.51E-07	0.00E+00	0.00E+00	4.55E-07
5305	ALL	461942	3773312	NonCancer	0.00E+00	7.32E-09	4.41E-07	0.00E+00	0.00E+00	4.44E-07	2.28E-07	0.00E+00	3.49E-07	0.00E+00	0.00E+00	4.41E-07	0.00E+00	0.00E+00	4.44E-07
5306	ALL	461938.4	3773304	NonCancer	0.00E+00	7.17E-09	4.32E-07	0.00E+00	0.00E+00	4.35E-07	2.24E-07	0.00E+00	3.42E-07	0.00E+00	0.00E+00	4.32E-07	0.00E+00	0.00E+00	4.35E-07
5307	ALL	461934.7	3773295	NonCancer	0.00E+00	7.04E-09	4.24E-07	0.00E+00	0.00E+00	4.27E-07	2.20E-07	0.00E+00	3.36E-07	0.00E+00	0.00E+00	4.24E-07	0.00E+00	0.00E+00	4.27E-07
5308	ALL	461931.1	3773286	NonCancer	0.00E+00	7.03E-09	4.23E-07	0.00E+00	0.00E+00	4.26E-07	2.19E-07	0.00E+00	3.35E-07	0.00E+00	0.00E+00	4.23E-07	0.00E+00	0.00E+00	4.26E-07
5309	ALL	462929.8	3773288	NonCancer	0.00E+00	1.51E-07	9.05E-06	0.00E+00	0.00E+00	9.13E-06	4.70E-06	0.00E+00	7.18E-06	0.00E+00	0.00E+00	9.05E-06	0.00E+00	0.00E+00	9.13E-06
5310	ALL	462939.1	3773288	NonCancer	0.00E+00	1.62E-07	9.77E-06	0.00E+00	0.00E+00	9.85E-06	5.07E-06	0.00E+00	7.75E-06	0.00E+00	0.00E+00	9.77E-06	0.00E+00	0.00E+00	9.85E-06
5311	ALL	462948.5	3773288	NonCancer	0.00E+00	1.72E-07	1.03E-05	0.00E+00	0.00E+00	1.04E-05	5.36E-06	0.00E+00	8.18E-06	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.04E-05
5312	ALL	462957.8	3773288	NonCancer	0.00E+00	1.77E-07	1.06E-05	0.00E+00	0.00E+00	1.07E-05	5.51E-06	0.00E+00	8.43E-06	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.07E-05
5313	ALL	462967.1	3773288	NonCancer	0.00E+00	1.90E-07	1.14E-05	0.00E+00	0.00E+00	1.15E-05	5.92E-06	0.00E+00	9.04E-06	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.15E-05
5314	ALL	462976.4	3773288	NonCancer	0.00E+00	2.15E-07	1.29E-05	0.00E+00	0.00E+00	1.30E-05	6.69E-06	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.30E-05
5315	ALL	462985.8	3773288	NonCancer	0.00E+00	2.47E-07	1.49E-05	0.00E+00	0.00E+00	1.50E-05	7.72E-06	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	1.50E-05
5316	ALL	462995.1	3773288	NonCancer	0.00E+00	2.73E-07	1.64E-05	0.00E+00	0.00E+00	1.65E-05	8.51E-06	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	1.65E-05
5317	ALL	463004.4	3773288	NonCancer	0.00E+00	2.82E-07	1.70E-05	0.00E+00	0.00E+00	1.71E-05	8.80E-06	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	1.71E-05
5318	ALL	462929.8	3773298	NonCancer	0.00E+00	1.45E-07	8.73E-06	0.00E+00	0.00E+00	8.80E-06	4.53E-06	0.00E+00	6.92E-06	0.00E+00	0.00E+00	8.73E-06	0.00E+00	0.00E+00	8.80E-06
5319	ALL	462939.1	3773298	NonCancer	0.00E+00	1.52E-07	9.15E-06	0.00E+00	0.00E+00	9.22E-06	4.75E-06	0.00E+00	7.25E-06	0.00E+00	0.00E+00	9.15E-06	0.00E+00	0.00E+00	9.22E-06
5320	ALL	462948.5	3773298	NonCancer	0.00E+00	1.55E-07	9.35E-06	0.00E+00	0.00E+00	9.43E-06	4.85E-06	0.00E+00	7.42E-06	0.00E+00	0.00E+00	9.35E-06	0.00E+00	0.00E+00	9.43E-06
5321	ALL	462957.8	3773298	NonCancer	0.00E+00	1.64E-07	9.88E-06	0.00E+00	0.00E+00	9.96E-06	5.13E-06	0.00E+00	7.84E-06	0.00E+00	0.00E+00	9.88E-06	0.00E+00	0.00E+00	9.96E-06
5322	ALL	462967.1	3773298	NonCancer	0.00E+00	1.80E-07	1.08E-05	0.00E+00	0.00E+00	1.09E-05	5.61E-06	0.00E+00	8.57E-06	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.09E-05
5323	ALL	462976.4	3773298	NonCancer	0.00E+00	1.98E-07	1.19E-05	0.00E+00	0.00E+00	1.20E-05	6.18E-06	0.00E+00	9.45E-06	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	1.20E-05
5324	ALL	462985.8	3773298	NonCancer	0.00E+00	2.14E-07	1.29E-05	0.00E+00	0.00E+00	1.30E-05	6.67E-06	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.30E-05
5325	ALL	462995.1	3773298	NonCancer	0.00E+00	2.19E-07	1.32E-05	0.00E+00	0.00E+00	1.33E-05	6.84E-06	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.33E-05
5326	ALL	462929.8	3773308	NonCancer	0.00E+00	1.35E-07	8.10E-06	0.00E+00	0.00E+00	8.16E-06	4.20E-06	0.00E+00	6.42E-06	0.00E+00	0.00E+00	8.10E-06	0.00E+00	0.00E+00	8.16E-06
5327	ALL	462939.1	3773308	NonCancer	0.00E+00	1.38E-07	8.33E-06	0.00E+00	0.00E+00	8.39E-06	4.32E-06	0.00E+00	6.60E-06	0.00E+00	0.00E+00	8.33E-06	0.00E+00	0.00E+00	8.39E-06
5328	ALL	462948.5	3773308	NonCancer	0.00E+00	1.46E-07	8.80E-06	0.00E+00	0.00E+00	8.87E-06	4.57E-06	0.00E+00	6.98E-06	0.00E+00	0.00E+00	8.80E-06	0.00E+00	0.00E+00	8.87E-06
5329	ALL	462957.8	3773308	NonCancer	0.00E+00	1.58E-07	9.53E-06	0.00E+00	0.00E+00	9.61E-06	4.95E-06	0.00E+00	7.56E-06	0.00E+00	0.00E+00	9.53E-06	0.00E+00	0.00E+00	9.61E-06
5330	ALL	462967.1	3773308	NonCancer	0.00E+00	1.67E-07	1.01E-05	0.00E+00	0.00E+00	1.02E-05	5.23E-06	0.00E+00	7.99E-06	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.02E-05
5331	ALL	462976.4	3773308	NonCancer	0.00E+00	1.77E-07	1.07E-05	0.00E+00	0.00E+00	1.08E-05	5.53E-06	0.00E+00	8.45E-06	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.08E-05
5332	ALL	462985.8	3773308	NonCancer	0.00E+00	1.83E-07	1.10E-05	0.00E+00	0.00E+00	1.11E-05	5.71E-06	0.00E+00	8.73E-06	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.11E-05
5333	ALL	462995.1	3773308	NonCancer	0.00E+00	1.79E-07	1.08E-05	0.00E+00	0.00E+00	1.09E-05	5.59E-06	0.00E+00	8.55E-06	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.09E-05
5334	ALL	463004.4	3773308	NonCancer	0.00E+00	1.75E-07	1.05E-05	0.00E+00	0.00E+00	1.06E-05	5.47E-06	0.00E+00	8.36E-06	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.06E-05
5335	ALL	462929.8	3773318	NonCancer	0.00E+00	1.24E-07	7.45E-06	0.00E+00	0.00E+00	7.51E-06	3.87E-06	0.00E+00	5.91E-06	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	7.51E-06
5336	ALL	462939.1	3773318	NonCancer	0.00E+00	1.30E-07	7.84E-06	0.00E+00	0.00E+00	7.90E-06	4.07E-06	0.00E+00	6.21E-06	0.00E+00	0.00E+00	7.84E-06	0.00E+00	0.00E+00	7.90E-06
5337	ALL	462948.5	3773318	NonCancer	0.00E+00	1.41E-07	8.45E-06	0.00E+00	0.00E+00	8.52E-06	4.39E-06	0.00E+00	6.70E-06	0.00E+00	0.00E+00	8.45E-06	0.00E+00	0.00E+00	8.52E-06
5338	ALL	462957.8	3773318	NonCancer	0.00E+00	1.48E-07	8.91E-06	0.00E+00	0.00E+00	8.98E-06	4.62E-06	0.00E+00	7.06E-06	0.00E+00	0.00E+00	8.91E-06	0.00E+00	0.00E+00	8.98E-06
5339	ALL	462967.1	3773318	NonCancer	0.00E+00	1.54E-07	9.25E-06	0.00E+00	0.00E+00	9.32E-06	4.80E-06	0.00E+00	7.33E-06	0.00E+00	0.00E+00	9.25E-06	0.00E+00	0.00E+00	9.32E-06
5340	ALL	462976.4	3773318	NonCancer	0.00E+00	1.58E-07	9.49E-06	0.00E+00	0.00E+00	9.56E-06	4.92E-06	0.00E+00	7.52E-06	0.00E+00	0.00E+00	9.49E-06	0.00E+00	0.00E+00	9.56E-06
5341	ALL	462985.8	3773318	NonCancer	0.00E+00	1.56E-07	9.42E-06	0.00E+00	0.00E+00	9.49E-06	4.88E-06	0.00E+00	7.46E-06	0.00E+00	0.00E+00	9.42E-06	0.00E+00	0.00E+00	9.49E-06
5342	ALL	462995.1	3773318	NonCancer	0.00E+00	1.50E-07	9.00E-06	0.00E+00	0.00E+00	9.07E-06	4.67E-06	0.00E+00	7.13E-06	0.00E+00	0.00E+00	9.00E-06	0.00E+00	0.00E+00	9.07E-06
5343	ALL	462929.8	3773328	NonCancer	0.00E+00	1.17E-07	7.02E-06	0.00E+00	0.00E+00	7.08E-06	3.64E-06	0.00E+00	5.57E-06	0.00E+00	0.00E+00	7.02E-06	0.00E+00	0.00E+00	7.08E-06
5344	ALL	462939.1	3773328	NonCancer	0.00E+00	1.26E-07	7.58E-06	0.00E+00	0.00E+00	7.64E-06	3.93E-06	0.00E+00	6.01E-06	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	7.64E-06

5345	ALL	462948.5	3773328	NonCancer	0.00E+00	1.33E-07	7.99E-06	0.00E+00	0.00E+00	8.05E-06	4.14E-06	0.00E+00	6.33E-06	0.00E+00	0.00E+00	7.99E-06	0.00E+00	0.00E+00	8.05E-06
5346	ALL	462957.8	3773328	NonCancer	0.00E+00	1.37E-07	8.22E-06	0.00E+00	0.00E+00	8.28E-06	4.26E-06	0.00E+00	6.51E-06	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	8.28E-06
5347	ALL	462967.1	3773328	NonCancer	0.00E+00	1.39E-07	8.38E-06	0.00E+00	0.00E+00	8.45E-06	4.35E-06	0.00E+00	6.65E-06	0.00E+00	0.00E+00	8.38E-06	0.00E+00	0.00E+00	8.45E-06
5348	ALL	462976.4	3773328	NonCancer	0.00E+00	1.39E-07	8.37E-06	0.00E+00	0.00E+00	8.44E-06	4.34E-06	0.00E+00	6.64E-06	0.00E+00	0.00E+00	8.37E-06	0.00E+00	0.00E+00	8.44E-06
5349	ALL	462985.8	3773328	NonCancer	0.00E+00	1.35E-07	8.13E-06	0.00E+00	0.00E+00	8.19E-06	4.22E-06	0.00E+00	6.44E-06	0.00E+00	0.00E+00	8.13E-06	0.00E+00	0.00E+00	8.19E-06
5350	ALL	462995.1	3773328	NonCancer	0.00E+00	1.27E-07	7.62E-06	0.00E+00	0.00E+00	7.68E-06	3.95E-06	0.00E+00	6.04E-06	0.00E+00	0.00E+00	7.62E-06	0.00E+00	0.00E+00	7.68E-06
5351	ALL	462929.8	3773338	NonCancer	0.00E+00	1.14E-07	6.87E-06	0.00E+00	0.00E+00	6.92E-06	3.56E-06	0.00E+00	5.44E-06	0.00E+00	0.00E+00	6.87E-06	0.00E+00	0.00E+00	6.92E-06
5352	ALL	462939.1	3773338	NonCancer	0.00E+00	1.21E-07	7.30E-06	0.00E+00	0.00E+00	7.35E-06	3.78E-06	0.00E+00	5.78E-06	0.00E+00	0.00E+00	7.30E-06	0.00E+00	0.00E+00	7.35E-06
5353	ALL	462948.5	3773338	NonCancer	0.00E+00	1.25E-07	7.55E-06	0.00E+00	0.00E+00	7.61E-06	3.91E-06	0.00E+00	5.98E-06	0.00E+00	0.00E+00	7.55E-06	0.00E+00	0.00E+00	7.61E-06
5354	ALL	462957.8	3773338	NonCancer	0.00E+00	1.27E-07	7.62E-06	0.00E+00	0.00E+00	7.68E-06	3.95E-06	0.00E+00	6.04E-06	0.00E+00	0.00E+00	7.62E-06	0.00E+00	0.00E+00	7.68E-06
5355	ALL	462967.1	3773338	NonCancer	0.00E+00	1.27E-07	7.66E-06	0.00E+00	0.00E+00	7.72E-06	3.97E-06	0.00E+00	6.07E-06	0.00E+00	0.00E+00	7.66E-06	0.00E+00	0.00E+00	7.72E-06
5356	ALL	462976.4	3773338	NonCancer	0.00E+00	1.24E-07	7.44E-06	0.00E+00	0.00E+00	7.50E-06	3.86E-06	0.00E+00	5.90E-06	0.00E+00	0.00E+00	7.44E-06	0.00E+00	0.00E+00	7.50E-06
5357	ALL	462985.8	3773338	NonCancer	0.00E+00	1.17E-07	7.07E-06	0.00E+00	0.00E+00	7.13E-06	3.67E-06	0.00E+00	5.60E-06	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	7.13E-06
5358	ALL	462995.1	3773338	NonCancer	0.00E+00	1.11E-07	6.68E-06	0.00E+00	0.00E+00	6.74E-06	3.47E-06	0.00E+00	5.30E-06	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	6.74E-06
5359	ALL	463004.4	3773338	NonCancer	0.00E+00	1.17E-07	7.06E-06	0.00E+00	0.00E+00	7.12E-06	3.66E-06	0.00E+00	5.60E-06	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	7.12E-06
5360	ALL	462929.8	3773348	NonCancer	0.00E+00	1.10E-07	6.62E-06	0.00E+00	0.00E+00	6.67E-06	3.43E-06	0.00E+00	5.25E-06	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	6.67E-06
5361	ALL	462939.1	3773348	NonCancer	0.00E+00	1.15E-07	6.92E-06	0.00E+00	0.00E+00	6.97E-06	3.59E-06	0.00E+00	5.48E-06	0.00E+00	0.00E+00	6.92E-06	0.00E+00	0.00E+00	6.97E-06
5362	ALL	462948.5	3773348	NonCancer	0.00E+00	1.17E-07	7.07E-06	0.00E+00	0.00E+00	7.13E-06	3.67E-06	0.00E+00	5.60E-06	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	7.13E-06
5363	ALL	462957.8	3773348	NonCancer	0.00E+00	1.18E-07	7.08E-06	0.00E+00	0.00E+00	7.14E-06	3.67E-06	0.00E+00	5.61E-06	0.00E+00	0.00E+00	7.08E-06	0.00E+00	0.00E+00	7.14E-06
5364	ALL	462967.1	3773348	NonCancer	0.00E+00	1.16E-07	6.99E-06	0.00E+00	0.00E+00	7.04E-06	3.62E-06	0.00E+00	5.54E-06	0.00E+00	0.00E+00	6.99E-06	0.00E+00	0.00E+00	7.04E-06
5365	ALL	462976.4	3773348	NonCancer	0.00E+00	1.11E-07	6.67E-06	0.00E+00	0.00E+00	6.72E-06	3.46E-06	0.00E+00	5.28E-06	0.00E+00	0.00E+00	6.67E-06	0.00E+00	0.00E+00	6.72E-06
5366	ALL	462985.8	3773348	NonCancer	0.00E+00	1.04E-07	6.23E-06	0.00E+00	0.00E+00	6.28E-06	3.23E-06	0.00E+00	4.94E-06	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	6.28E-06
5367	ALL	462995.1	3773348	NonCancer	0.00E+00	9.93E-08	5.98E-06	0.00E+00	0.00E+00	6.02E-06	3.10E-06	0.00E+00	4.74E-06	0.00E+00	0.00E+00	5.98E-06	0.00E+00	0.00E+00	6.02E-06
5368	ALL	462929.8	3773368	NonCancer	0.00E+00	9.80E-08	5.90E-06	0.00E+00	0.00E+00	5.95E-06	3.06E-06	0.00E+00	4.68E-06	0.00E+00	0.00E+00	5.90E-06	0.00E+00	0.00E+00	5.95E-06
5369	ALL	462939.1	3773368	NonCancer	0.00E+00	9.93E-08	5.97E-06	0.00E+00	0.00E+00	6.02E-06	3.10E-06	0.00E+00	4.74E-06	0.00E+00	0.00E+00	5.97E-06	0.00E+00	0.00E+00	6.02E-06
5370	ALL	462948.5	3773368	NonCancer	0.00E+00	9.84E-08	5.92E-06	0.00E+00	0.00E+00	5.97E-06	3.07E-06	0.00E+00	4.69E-06	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	5.97E-06
5371	ALL	462957.8	3773368	NonCancer	0.00E+00	9.81E-08	5.90E-06	0.00E+00	0.00E+00	5.95E-06	3.06E-06	0.00E+00	4.68E-06	0.00E+00	0.00E+00	5.90E-06	0.00E+00	0.00E+00	5.95E-06
5372	ALL	462967.1	3773368	NonCancer	0.00E+00	9.53E-08	5.73E-06	0.00E+00	0.00E+00	5.78E-06	2.97E-06	0.00E+00	4.54E-06	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	5.78E-06
5373	ALL	462976.4	3773368	NonCancer	0.00E+00	8.98E-08	5.40E-06	0.00E+00	0.00E+00	5.45E-06	2.80E-06	0.00E+00	4.28E-06	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	5.45E-06
5374	ALL	462985.8	3773368	NonCancer	0.00E+00	8.45E-08	5.08E-06	0.00E+00	0.00E+00	5.13E-06	2.64E-06	0.00E+00	4.03E-06	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	5.13E-06
5375	ALL	462995.1	3773368	NonCancer	0.00E+00	8.41E-08	5.06E-06	0.00E+00	0.00E+00	5.10E-06	2.62E-06	0.00E+00	4.01E-06	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	5.10E-06
5376	ALL	462929.8	3773388	NonCancer	0.00E+00	8.49E-08	5.11E-06	0.00E+00	0.00E+00	5.15E-06	2.65E-06	0.00E+00	4.05E-06	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	5.15E-06
5377	ALL	462939.1	3773388	NonCancer	0.00E+00	8.39E-08	5.05E-06	0.00E+00	0.00E+00	5.09E-06	2.62E-06	0.00E+00	4.00E-06	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	5.09E-06
5378	ALL	462948.5	3773388	NonCancer	0.00E+00	8.35E-08	5.02E-06	0.00E+00	0.00E+00	5.06E-06	2.60E-06	0.00E+00	3.98E-06	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	5.06E-06
5379	ALL	462957.8	3773388	NonCancer	0.00E+00	8.15E-08	4.90E-06	0.00E+00	0.00E+00	4.94E-06	2.54E-06	0.00E+00	3.89E-06	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	4.94E-06
5380	ALL	462967.1	3773388	NonCancer	0.00E+00	7.72E-08	4.65E-06	0.00E+00	0.00E+00	4.68E-06	2.41E-06	0.00E+00	3.68E-06	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	4.68E-06
5381	ALL	462976.4	3773388	NonCancer	0.00E+00	7.23E-08	4.35E-06	0.00E+00	0.00E+00	4.39E-06	2.26E-06	0.00E+00	3.45E-06	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	4.39E-06
5382	ALL	462985.8	3773388	NonCancer	0.00E+00	7.22E-08	4.35E-06	0.00E+00	0.00E+00	4.38E-06	2.25E-06	0.00E+00	3.44E-06	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	4.38E-06
5383	ALL	462995.1	3773388	NonCancer	0.00E+00	7.41E-08	4.46E-06	0.00E+00	0.00E+00	4.50E-06	2.31E-06	0.00E+00	3.54E-06	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	4.50E-06
5384	ALL	462929.8	3773408	NonCancer	0.00E+00	7.44E-08	4.48E-06	0.00E+00	0.00E+00	4.51E-06	2.32E-06	0.00E+00	3.55E-06	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	4.51E-06
5385	ALL	462939.1	3773408	NonCancer	0.00E+00	7.31E-08	4.40E-06	0.00E+00	0.00E+00	4.43E-06	2.28E-06	0.00E+00	3.49E-06	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	4.43E-06
5386	ALL	462948.5	3773408	NonCancer	0.00E+00	7.15E-08	4.30E-06	0.00E+00	0.00E+00	4.34E-06	2.23E-06	0.00E+00	3.41E-06	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	4.34E-06
5387	ALL	462957.8	3773408	NonCancer	0.00E+00	6.83E-08	4.11E-06	0.00E+00	0.00E+00	4.14E-06	2.13E-06	0.00E+00	3.26E-06	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	4.14E-06
5388	ALL	462967.1	3773408	NonCancer	0.00E+00	6.37E-08	3.83E-06	0.00E+00	0.00E+00	3.86E-06	1.99E-06	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	3.86E-06
5389	ALL	462976.4	3773408	NonCancer	0.00E+00	6.28E-08	3.78E-06	0.00E+00	0.00E+00	3.81E-06	1.96E-06	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	3.81E-06
5390	ALL	462985.8	3773408	NonCancer	0.00E+00	6.52E-08	3.92E-06	0.00E+00	0.00E+00	3.95E-06	2.03E-06	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	3.95E-06
5391	ALL	462995.1	3773408	NonCancer	0.00E+00	6.62E-08	3.98E-06	0.00E+00	0.00E+00	4.02E-06	2.07E-06	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	4.02E-06
5392	ALL	463004.4	3773408	NonCancer	0.00E+00	6.85E-08	4.12E-06	0.00E+00	0.00E+00	4.16E-06	2.14E-06	0.00E+00	3.27E-06	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	4.16E-06
5393	ALL	462929.8	3773428	NonCancer	0.00E+00	6.41E-08	3.86E-06	0.00E+00	0.00E+00	3.89E-06	2.00E-06	0.00E+00	3.06E-06	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	3.89E-06
5394	ALL	462939.1	3773428	NonCancer	0.00E+00	6.30E-08	3.79E-06	0.00E+00	0.00E+00	3.82E-06	1.97E-06	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	3.82E-06
5395	ALL	462948.5	3773428	NonCancer	0.00E+00	6.06E-08	3.65E-06	0.00E+00	0.00E+00	3.68E-06	1.89E-06	0.00E+00	2.89E-06	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	3.68E-06
5396	ALL	462957.8	3773428	NonCancer	0.00E+00	5.72E-08	3.44E-06	0.00E+00	0.00E+00	3.47E-06	1.78E-06	0.00E+00	2.73E-06	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	3.47E-06
5397	ALL	462967.1	3773428	NonCancer	0.00E+00	5.53E-08	3.33E-06	0.00E+00	0.00E+00	3.35E-06	1.72E-06	0.00E+00	2.64E-06	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	3.35E-06
5398	ALL	462976.4	3773428	NonCancer	0.00E+00	5.76E-08	3.46E-06	0.00E+00	0.00E+00	3.49E-06	1.80E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	3.49E-06

5399	ALL	462985.8	3773428	NonCancer	0.00E+00	5.87E-08	3.54E-06	0.00E+00	0.00E+00	3.56E-06	1.83E-06	0.00E+00	2.80E-06	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	3.56E-06
5400	ALL	462995.1	3773428	NonCancer	0.00E+00	5.94E-08	3.57E-06	0.00E+00	0.00E+00	3.60E-06	1.85E-06	0.00E+00	2.83E-06	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	3.60E-06
5401	ALL	463004.4	3773428	NonCancer	0.00E+00	6.10E-08	3.67E-06	0.00E+00	0.00E+00	3.70E-06	1.90E-06	0.00E+00	2.91E-06	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	3.70E-06
5402	ALL	462929.8	3773448	NonCancer	0.00E+00	5.60E-08	3.37E-06	0.00E+00	0.00E+00	3.39E-06	1.75E-06	0.00E+00	2.67E-06	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	3.39E-06
5403	ALL	462939.1	3773448	NonCancer	0.00E+00	5.42E-08	3.26E-06	0.00E+00	0.00E+00	3.29E-06	1.69E-06	0.00E+00	2.59E-06	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	3.29E-06
5404	ALL	462948.5	3773448	NonCancer	0.00E+00	5.17E-08	3.11E-06	0.00E+00	0.00E+00	3.13E-06	1.61E-06	0.00E+00	2.46E-06	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.13E-06
5405	ALL	462957.8	3773448	NonCancer	0.00E+00	4.96E-08	2.99E-06	0.00E+00	0.00E+00	3.01E-06	1.55E-06	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.01E-06
5406	ALL	462967.1	3773448	NonCancer	0.00E+00	5.08E-08	3.06E-06	0.00E+00	0.00E+00	3.08E-06	1.58E-06	0.00E+00	2.42E-06	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	3.08E-06
5407	ALL	462976.4	3773448	NonCancer	0.00E+00	5.27E-08	3.17E-06	0.00E+00	0.00E+00	3.20E-06	1.65E-06	0.00E+00	2.51E-06	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	3.20E-06
5408	ALL	462985.8	3773448	NonCancer	0.00E+00	5.31E-08	3.20E-06	0.00E+00	0.00E+00	3.22E-06	1.66E-06	0.00E+00	2.53E-06	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	3.22E-06
5409	ALL	462995.1	3773448	NonCancer	0.00E+00	5.37E-08	3.23E-06	0.00E+00	0.00E+00	3.26E-06	1.68E-06	0.00E+00	2.56E-06	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	3.26E-06
5410	ALL	463004.4	3773448	NonCancer	0.00E+00	5.50E-08	3.31E-06	0.00E+00	0.00E+00	3.33E-06	1.71E-06	0.00E+00	2.62E-06	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	3.33E-06
5411	ALL	462929.8	3773488	NonCancer	0.00E+00	4.35E-08	2.62E-06	0.00E+00	0.00E+00	2.64E-06	1.36E-06	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	2.64E-06
5412	ALL	462939.1	3773488	NonCancer	0.00E+00	4.24E-08	2.55E-06	0.00E+00	0.00E+00	2.57E-06	1.32E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.57E-06
5413	ALL	462948.5	3773488	NonCancer	0.00E+00	4.17E-08	2.51E-06	0.00E+00	0.00E+00	2.53E-06	1.30E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	2.53E-06
5414	ALL	462957.8	3773488	NonCancer	0.00E+00	4.31E-08	2.60E-06	0.00E+00	0.00E+00	2.62E-06	1.35E-06	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	2.62E-06
5415	ALL	462967.1	3773488	NonCancer	0.00E+00	4.46E-08	2.68E-06	0.00E+00	0.00E+00	2.70E-06	1.39E-06	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	2.70E-06
5416	ALL	462976.4	3773488	NonCancer	0.00E+00	4.52E-08	2.72E-06	0.00E+00	0.00E+00	2.74E-06	1.41E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	2.74E-06
5417	ALL	462985.8	3773488	NonCancer	0.00E+00	4.51E-08	2.71E-06	0.00E+00	0.00E+00	2.74E-06	1.41E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.74E-06
5418	ALL	462995.1	3773488	NonCancer	0.00E+00	4.57E-08	2.75E-06	0.00E+00	0.00E+00	2.77E-06	1.43E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.77E-06
5419	ALL	462929.8	3773508	NonCancer	0.00E+00	3.95E-08	2.37E-06	0.00E+00	0.00E+00	2.39E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.39E-06
5420	ALL	462939.1	3773508	NonCancer	0.00E+00	3.84E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
5421	ALL	462948.5	3773508	NonCancer	0.00E+00	3.93E-08	2.37E-06	0.00E+00	0.00E+00	2.39E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.39E-06
5422	ALL	462957.8	3773508	NonCancer	0.00E+00	4.07E-08	2.45E-06	0.00E+00	0.00E+00	2.47E-06	1.27E-06	0.00E+00	1.94E-06	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	2.47E-06
5423	ALL	462967.1	3773508	NonCancer	0.00E+00	4.17E-08	2.51E-06	0.00E+00	0.00E+00	2.53E-06	1.30E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	2.53E-06
5424	ALL	462976.4	3773508	NonCancer	0.00E+00	4.19E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
5425	ALL	462985.8	3773508	NonCancer	0.00E+00	4.19E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
5426	ALL	462995.1	3773508	NonCancer	0.00E+00	4.26E-08	2.56E-06	0.00E+00	0.00E+00	2.59E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.59E-06
5427	ALL	462929.8	3773528	NonCancer	0.00E+00	3.62E-08	2.18E-06	0.00E+00	0.00E+00	2.20E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.20E-06
5428	ALL	462939.1	3773528	NonCancer	0.00E+00	3.63E-08	2.18E-06	0.00E+00	0.00E+00	2.20E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.20E-06
5429	ALL	462948.5	3773528	NonCancer	0.00E+00	3.80E-08	2.29E-06	0.00E+00	0.00E+00	2.31E-06	1.19E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.31E-06
5430	ALL	462957.8	3773528	NonCancer	0.00E+00	3.92E-08	2.36E-06	0.00E+00	0.00E+00	2.38E-06	1.22E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.38E-06
5431	ALL	462967.1	3773528	NonCancer	0.00E+00	3.98E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
5432	ALL	462976.4	3773528	NonCancer	0.00E+00	3.99E-08	2.40E-06	0.00E+00	0.00E+00	2.42E-06	1.24E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	2.42E-06
5433	ALL	462985.8	3773528	NonCancer	0.00E+00	4.00E-08	2.41E-06	0.00E+00	0.00E+00	2.43E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	2.43E-06
5434	ALL	462995.1	3773528	NonCancer	0.00E+00	4.06E-08	2.44E-06	0.00E+00	0.00E+00	2.46E-06	1.27E-06	0.00E+00	1.94E-06	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	2.46E-06
5435	ALL	462929.8	3773548	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.10E-06
5436	ALL	462939.1	3773548	NonCancer	0.00E+00	3.59E-08	2.16E-06	0.00E+00	0.00E+00	2.18E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.18E-06
5437	ALL	462948.5	3773548	NonCancer	0.00E+00	3.69E-08	2.22E-06	0.00E+00	0.00E+00	2.24E-06	1.15E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.24E-06
5438	ALL	462957.8	3773548	NonCancer	0.00E+00	3.76E-08	2.26E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.28E-06
5439	ALL	462967.1	3773548	NonCancer	0.00E+00	3.79E-08	2.28E-06	0.00E+00	0.00E+00	2.30E-06	1.18E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.30E-06
5440	ALL	462976.4	3773548	NonCancer	0.00E+00	3.77E-08	2.27E-06	0.00E+00	0.00E+00	2.29E-06	1.18E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.29E-06
5441	ALL	462985.8	3773548	NonCancer	0.00E+00	3.80E-08	2.29E-06	0.00E+00	0.00E+00	2.31E-06	1.19E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.31E-06
5442	ALL	462995.1	3773548	NonCancer	0.00E+00	3.84E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
5443	ALL	462929.8	3773578	NonCancer	0.00E+00	3.44E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06
5444	ALL	462939.1	3773578	NonCancer	0.00E+00	3.53E-08	2.12E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.14E-06
5445	ALL	462948.5	3773578	NonCancer	0.00E+00	3.54E-08	2.13E-06	0.00E+00	0.00E+00	2.15E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.15E-06
5446	ALL	462957.8	3773578	NonCancer	0.00E+00	3.53E-08	2.13E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.14E-06
5447	ALL	462967.1	3773578	NonCancer	0.00E+00	3.54E-08	2.13E-06	0.00E+00	0.00E+00	2.15E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.15E-06
5448	ALL	462976.4	3773578	NonCancer	0.00E+00	3.56E-08	2.14E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.16E-06
5449	ALL	462985.8	3773578	NonCancer	0.00E+00	3.58E-08	2.16E-06	0.00E+00	0.00E+00	2.17E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.17E-06
5450	ALL	462995.1	3773578	NonCancer	0.00E+00	3.60E-08	2.17E-06	0.00E+00	0.00E+00	2.18E-06	1.12E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.18E-06
5451	ALL	462929.8	3773608	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
5452	ALL	462939.1	3773608	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.02E-06

5453	ALL	462948.5	3773608	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
5454	ALL	462957.8	3773608	NonCancer	0.00E+00	3.40E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
5455	ALL	462967.1	3773608	NonCancer	0.00E+00	3.45E-08	2.08E-06	0.00E+00	0.00E+00	2.09E-06	1.08E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.09E-06
5456	ALL	462976.4	3773608	NonCancer	0.00E+00	3.48E-08	2.09E-06	0.00E+00	0.00E+00	2.11E-06	1.09E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.11E-06
5457	ALL	462985.8	3773608	NonCancer	0.00E+00	3.52E-08	2.12E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.14E-06
5458	ALL	462995.1	3773608	NonCancer	0.00E+00	3.55E-08	2.14E-06	0.00E+00	0.00E+00	2.15E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.15E-06
5459	ALL	462929.8	3773638	NonCancer	0.00E+00	3.22E-08	1.94E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.95E-06
5460	ALL	462939.1	3773638	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
5461	ALL	462948.5	3773638	NonCancer	0.00E+00	3.25E-08	1.96E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.97E-06
5462	ALL	462957.8	3773638	NonCancer	0.00E+00	3.31E-08	1.99E-06	0.00E+00	0.00E+00	2.01E-06	1.03E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.01E-06
5463	ALL	462967.1	3773638	NonCancer	0.00E+00	3.35E-08	2.01E-06	0.00E+00	0.00E+00	2.03E-06	1.04E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.03E-06
5464	ALL	462976.4	3773638	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
5465	ALL	462985.8	3773638	NonCancer	0.00E+00	3.37E-08	2.03E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.04E-06
5466	ALL	462995.1	3773638	NonCancer	0.00E+00	3.35E-08	2.02E-06	0.00E+00	0.00E+00	2.03E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.03E-06
5467	ALL	462929.8	3773668	NonCancer	0.00E+00	3.13E-08	1.88E-06	0.00E+00	0.00E+00	1.90E-06	9.75E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.90E-06
5468	ALL	462939.1	3773668	NonCancer	0.00E+00	3.16E-08	1.90E-06	0.00E+00	0.00E+00	1.92E-06	9.86E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.92E-06
5469	ALL	462948.5	3773668	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
5470	ALL	462957.8	3773668	NonCancer	0.00E+00	3.26E-08	1.96E-06	0.00E+00	0.00E+00	1.98E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.98E-06
5471	ALL	462967.1	3773668	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
5472	ALL	462976.4	3773668	NonCancer	0.00E+00	3.30E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
5473	ALL	462985.8	3773668	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
5474	ALL	462995.1	3773668	NonCancer	0.00E+00	3.27E-08	1.97E-06	0.00E+00	0.00E+00	1.98E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.98E-06
5475	ALL	462929.8	3773698	NonCancer	0.00E+00	3.05E-08	1.83E-06	0.00E+00	0.00E+00	1.85E-06	9.50E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.85E-06
5476	ALL	462939.1	3773698	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.64E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
5477	ALL	462948.5	3773698	NonCancer	0.00E+00	3.12E-08	1.87E-06	0.00E+00	0.00E+00	1.89E-06	9.72E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.89E-06
5478	ALL	462957.8	3773698	NonCancer	0.00E+00	3.13E-08	1.88E-06	0.00E+00	0.00E+00	1.90E-06	9.76E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.90E-06
5479	ALL	462967.1	3773698	NonCancer	0.00E+00	3.13E-08	1.88E-06	0.00E+00	0.00E+00	1.90E-06	9.76E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.90E-06
5480	ALL	462976.4	3773698	NonCancer	0.00E+00	3.16E-08	1.90E-06	0.00E+00	0.00E+00	1.91E-06	9.84E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.91E-06
5481	ALL	462985.8	3773698	NonCancer	0.00E+00	3.18E-08	1.92E-06	0.00E+00	0.00E+00	1.93E-06	9.93E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.93E-06
5482	ALL	462995.1	3773698	NonCancer	0.00E+00	3.20E-08	1.92E-06	0.00E+00	0.00E+00	1.94E-06	9.97E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.94E-06
5483	ALL	462929.8	3773728	NonCancer	0.00E+00	3.04E-08	1.83E-06	0.00E+00	0.00E+00	1.84E-06	9.48E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.84E-06
5484	ALL	462939.1	3773728	NonCancer	0.00E+00	3.07E-08	1.85E-06	0.00E+00	0.00E+00	1.86E-06	9.59E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.86E-06
5485	ALL	462948.5	3773728	NonCancer	0.00E+00	3.07E-08	1.84E-06	0.00E+00	0.00E+00	1.86E-06	9.56E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.86E-06
5486	ALL	462957.8	3773728	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.85E-06	9.53E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.85E-06
5487	ALL	462967.1	3773728	NonCancer	0.00E+00	3.05E-08	1.83E-06	0.00E+00	0.00E+00	1.85E-06	9.50E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.85E-06
5488	ALL	462976.4	3773728	NonCancer	0.00E+00	3.07E-08	1.85E-06	0.00E+00	0.00E+00	1.86E-06	9.58E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.86E-06
5489	ALL	462985.8	3773728	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.65E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
5490	ALL	462995.1	3773728	NonCancer	0.00E+00	3.11E-08	1.87E-06	0.00E+00	0.00E+00	1.89E-06	9.71E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.89E-06
5491	ALL	463004.4	3773728	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.80E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
5492	ALL	462929.8	3773758	NonCancer	0.00E+00	2.98E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.31E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
5493	ALL	462939.1	3773758	NonCancer	0.00E+00	3.01E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.38E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
5494	ALL	462948.5	3773758	NonCancer	0.00E+00	3.01E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.38E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
5495	ALL	462957.8	3773758	NonCancer	0.00E+00	3.01E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.38E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
5496	ALL	462967.1	3773758	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.34E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
5497	ALL	462976.4	3773758	NonCancer	0.00E+00	3.02E-08	1.82E-06	0.00E+00	0.00E+00	1.83E-06	9.42E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.83E-06
5498	ALL	462985.8	3773758	NonCancer	0.00E+00	3.05E-08	1.83E-06	0.00E+00	0.00E+00	1.85E-06	9.50E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.85E-06
5499	ALL	462995.1	3773758	NonCancer	0.00E+00	3.07E-08	1.85E-06	0.00E+00	0.00E+00	1.86E-06	9.57E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.86E-06
5500	ALL	463004.4	3773758	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.65E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
5501	ALL	462929.8	3773788	NonCancer	0.00E+00	2.95E-08	1.78E-06	0.00E+00	0.00E+00	1.79E-06	9.22E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	1.79E-06
5502	ALL	462939.1	3773788	NonCancer	0.00E+00	2.97E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.27E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06
5503	ALL	462948.5	3773788	NonCancer	0.00E+00	2.97E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.25E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06
5504	ALL	462957.8	3773788	NonCancer	0.00E+00	2.95E-08	1.78E-06	0.00E+00	0.00E+00	1.79E-06	9.21E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	1.79E-06
5505	ALL	462967.1	3773788	NonCancer	0.00E+00	2.93E-08	1.76E-06	0.00E+00	0.00E+00	1.78E-06	9.15E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.78E-06
5506	ALL	462976.4	3773788	NonCancer	0.00E+00	2.94E-08	1.77E-06	0.00E+00	0.00E+00	1.79E-06	9.18E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.79E-06

5507	ALL	462985.8	3773788	NonCancer	0.00E+00	2.96E-08	1.78E-06	0.00E+00	0.00E+00	1.80E-06	9.25E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	1.80E-06
5508	ALL	462995.1	3773788	NonCancer	0.00E+00	2.98E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.31E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
5509	ALL	462929.8	3773818	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.00E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
5510	ALL	462939.1	3773818	NonCancer	0.00E+00	2.90E-08	1.75E-06	0.00E+00	0.00E+00	1.76E-06	9.05E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.76E-06
5511	ALL	462948.5	3773818	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.76E-06	9.07E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.76E-06
5512	ALL	462957.8	3773818	NonCancer	0.00E+00	2.90E-08	1.75E-06	0.00E+00	0.00E+00	1.76E-06	9.05E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.76E-06
5513	ALL	462967.1	3773818	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.02E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
5514	ALL	462976.4	3773818	NonCancer	0.00E+00	2.90E-08	1.74E-06	0.00E+00	0.00E+00	1.76E-06	9.04E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.76E-06
5515	ALL	462985.8	3773818	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.77E-06	9.08E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.77E-06
5516	ALL	462995.1	3773818	NonCancer	0.00E+00	2.94E-08	1.77E-06	0.00E+00	0.00E+00	1.78E-06	9.17E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.78E-06
5517	ALL	462929.8	3773848	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.91E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
5518	ALL	462939.1	3773848	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.75E-06	8.98E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.75E-06
5519	ALL	462948.5	3773848	NonCancer	0.00E+00	2.87E-08	1.73E-06	0.00E+00	0.00E+00	1.74E-06	8.95E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.74E-06
5520	ALL	462957.8	3773848	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.92E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
5521	ALL	462967.1	3773848	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.85E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
5522	ALL	462976.4	3773848	NonCancer	0.00E+00	2.85E-08	1.71E-06	0.00E+00	0.00E+00	1.73E-06	8.88E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.73E-06
5523	ALL	462985.8	3773848	NonCancer	0.00E+00	2.87E-08	1.73E-06	0.00E+00	0.00E+00	1.74E-06	8.97E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.74E-06
5524	ALL	462995.1	3773848	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.77E-06	9.08E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.77E-06
5525	ALL	463004.4	3773848	NonCancer	0.00E+00	2.95E-08	1.78E-06	0.00E+00	0.00E+00	1.79E-06	9.20E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	1.79E-06
5526	ALL	462929.8	3773888	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.74E-06	8.93E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.74E-06
5527	ALL	462939.1	3773888	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.76E-06	9.03E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.76E-06
5528	ALL	462948.5	3773888	NonCancer	0.00E+00	2.87E-08	1.73E-06	0.00E+00	0.00E+00	1.74E-06	8.94E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.74E-06
5529	ALL	462957.8	3773888	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.86E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
5530	ALL	462967.1	3773888	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.78E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
5531	ALL	462976.4	3773888	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.81E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
5532	ALL	462985.8	3773888	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.90E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
5533	ALL	462995.1	3773888	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.01E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
5534	ALL	462929.8	3773928	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.77E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
5535	ALL	462939.1	3773928	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.85E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
5536	ALL	462948.5	3773928	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.91E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
5537	ALL	462957.8	3773928	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.74E-06	8.94E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.74E-06
5538	ALL	462967.1	3773928	NonCancer	0.00E+00	2.87E-08	1.73E-06	0.00E+00	0.00E+00	1.74E-06	8.95E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.74E-06
5539	ALL	462976.4	3773928	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.01E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
5540	ALL	462985.8	3773928	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.77E-06	9.08E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.77E-06
5541	ALL	462995.1	3773928	NonCancer	0.00E+00	2.94E-08	1.77E-06	0.00E+00	0.00E+00	1.78E-06	9.16E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.78E-06
5542	ALL	462929.8	3773968	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.75E-06	8.99E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.75E-06
5543	ALL	462939.1	3773968	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.77E-06	9.08E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.77E-06
5544	ALL	462948.5	3773968	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.76E-06	9.03E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.76E-06
5545	ALL	462957.8	3773968	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.74E-06	8.93E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.74E-06
5546	ALL	462967.1	3773968	NonCancer	0.00E+00	2.83E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.84E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
5547	ALL	462976.4	3773968	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.85E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
5548	ALL	462985.8	3773968	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.91E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
5549	ALL	462995.1	3773968	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.75E-06	8.98E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.75E-06
5550	ALL	463004.4	3773968	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.76E-06	9.03E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.76E-06
5551	ALL	462929.8	3774008	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.79E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
5552	ALL	462939.1	3774008	NonCancer	0.00E+00	2.80E-08	1.68E-06	0.00E+00	0.00E+00	1.70E-06	8.73E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.70E-06
5553	ALL	462948.5	3774008	NonCancer	0.00E+00	2.80E-08	1.69E-06	0.00E+00	0.00E+00	1.70E-06	8.74E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.70E-06
5554	ALL	462957.8	3774008	NonCancer	0.00E+00	2.80E-08	1.69E-06	0.00E+00	0.00E+00	1.70E-06	8.75E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.70E-06
5555	ALL	462967.1	3774008	NonCancer	0.00E+00	2.82E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.78E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
5556	ALL	462976.4	3774008	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.83E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
5557	ALL	462985.8	3774008	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.90E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
5558	ALL	462995.1	3774008	NonCancer	0.00E+00	2.88E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.00E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
5559	ALL	463004.4	3774008	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.77E-06	9.08E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.77E-06
5560	ALL	462929.8	3774168	NonCancer	0.00E+00	2.97E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.25E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06

5561	ALL	462939.1	3774168	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.81E-06	9.30E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.81E-06
5562	ALL	462948.5	3774168	NonCancer	0.00E+00	3.00E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.35E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
5563	ALL	462957.8	3774168	NonCancer	0.00E+00	3.02E-08	1.82E-06	0.00E+00	0.00E+00	1.83E-06	9.42E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.83E-06
5564	ALL	462967.1	3774168	NonCancer	0.00E+00	3.03E-08	1.83E-06	0.00E+00	0.00E+00	1.84E-06	9.46E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.84E-06
5565	ALL	462976.4	3774168	NonCancer	0.00E+00	3.01E-08	1.81E-06	0.00E+00	0.00E+00	1.83E-06	9.39E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.83E-06
5566	ALL	462985.8	3774168	NonCancer	0.00E+00	2.97E-08	1.78E-06	0.00E+00	0.00E+00	1.80E-06	9.25E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	1.80E-06
5567	ALL	462995.1	3774168	NonCancer	0.00E+00	2.92E-08	1.76E-06	0.00E+00	0.00E+00	1.77E-06	9.11E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.77E-06
5568	ALL	462929.8	3774208	NonCancer	0.00E+00	2.94E-08	1.77E-06	0.00E+00	0.00E+00	1.78E-06	9.16E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.78E-06
5569	ALL	462939.1	3774208	NonCancer	0.00E+00	2.95E-08	1.78E-06	0.00E+00	0.00E+00	1.79E-06	9.21E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	1.79E-06
5570	ALL	462948.5	3774208	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.81E-06	9.28E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.81E-06
5571	ALL	462957.8	3774208	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.33E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
5572	ALL	462967.1	3774208	NonCancer	0.00E+00	3.00E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.36E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
5573	ALL	462976.4	3774208	NonCancer	0.00E+00	3.00E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.37E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
5574	ALL	462985.8	3774208	NonCancer	0.00E+00	3.00E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.36E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
5575	ALL	462995.1	3774208	NonCancer	0.00E+00	3.00E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.37E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
5576	ALL	462929.8	3774248	NonCancer	0.00E+00	2.95E-08	1.77E-06	0.00E+00	0.00E+00	1.79E-06	9.20E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.79E-06
5577	ALL	462939.1	3774248	NonCancer	0.00E+00	2.96E-08	1.78E-06	0.00E+00	0.00E+00	1.80E-06	9.24E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	1.80E-06
5578	ALL	462948.5	3774248	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.81E-06	9.30E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.81E-06
5579	ALL	462957.8	3774248	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.33E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
5580	ALL	462967.1	3774248	NonCancer	0.00E+00	3.00E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.36E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
5581	ALL	462976.4	3774248	NonCancer	0.00E+00	3.02E-08	1.82E-06	0.00E+00	0.00E+00	1.83E-06	9.43E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.83E-06
5582	ALL	462985.8	3774248	NonCancer	0.00E+00	3.04E-08	1.83E-06	0.00E+00	0.00E+00	1.84E-06	9.47E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.84E-06
5583	ALL	462995.1	3774248	NonCancer	0.00E+00	3.05E-08	1.83E-06	0.00E+00	0.00E+00	1.85E-06	9.51E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.85E-06
5584	ALL	463004.4	3774248	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.86E-06	9.56E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.86E-06

*HARP - HRACalc v22118 7/31/2024 9:59:57 PM - Chronic Risk - Input File: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Sensitive_30yr_HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		463037.2	3773493	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.47E-10	9.47E-10	4.47E-07	4.42E-05	0.00E+00	4.13E-08	0.00E+00	9.47E-10	1.53E-06	0.00E+00	0.00E+00	4.42E-05
2	ALL		463090.6	3773489	NonCancer	0.00E+00	1.49E-08	0.00E+00	1.05E-09	1.05E-09	4.97E-07	4.78E-05	0.00E+00	4.59E-08	0.00E+00	1.05E-09	1.70E-06	0.00E+00	0.00E+00	4.78E-05
3	ALL		463077.3	3773495	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.01E-09	1.01E-09	4.75E-07	4.60E-05	0.00E+00	4.38E-08	0.00E+00	1.01E-09	1.63E-06	0.00E+00	0.00E+00	4.60E-05
4	ALL		463064.1	3773501	NonCancer	0.00E+00	1.36E-08	0.00E+00	9.61E-10	9.61E-10	4.54E-07	4.41E-05	0.00E+00	4.19E-08	0.00E+00	9.61E-10	1.55E-06	0.00E+00	0.00E+00	4.41E-05
5	ALL		463050.8	3773507	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.18E-10	9.18E-10	4.33E-07	4.20E-05	0.00E+00	4.00E-08	0.00E+00	9.18E-10	1.48E-06	0.00E+00	0.00E+00	4.20E-05
6	ALL		463037.6	3773513	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.77E-10	8.77E-10	4.14E-07	4.02E-05	0.00E+00	3.82E-08	0.00E+00	8.77E-10	1.42E-06	0.00E+00	0.00E+00	4.02E-05
7	ALL		463134.3	3773489	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.13E-09	1.13E-09	5.31E-07	4.99E-05	0.00E+00	4.90E-08	0.00E+00	1.13E-09	1.82E-06	0.00E+00	0.00E+00	4.99E-05
8	ALL		463121.3	3773495	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.09E-07	4.80E-05	0.00E+00	4.70E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	4.80E-05
9	ALL		463108.3	3773501	NonCancer	0.00E+00	1.46E-08	0.00E+00	1.03E-09	1.03E-09	4.87E-07	4.62E-05	0.00E+00	4.50E-08	0.00E+00	1.03E-09	1.67E-06	0.00E+00	0.00E+00	4.62E-05
10	ALL		463095.3	3773507	NonCancer	0.00E+00	1.40E-08	0.00E+00	9.89E-10	9.89E-10	4.67E-07	4.42E-05	0.00E+00	4.31E-08	0.00E+00	9.89E-10	1.60E-06	0.00E+00	0.00E+00	4.42E-05
11	ALL		463082.3	3773513	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.49E-10	9.49E-10	4.48E-07	4.26E-05	0.00E+00	4.14E-08	0.00E+00	9.49E-10	1.53E-06	0.00E+00	0.00E+00	4.26E-05
12	ALL		463069.3	3773519	NonCancer	0.00E+00	1.29E-08	0.00E+00	9.10E-10	9.10E-10	4.30E-07	4.11E-05	0.00E+00	3.97E-08	0.00E+00	9.10E-10	1.47E-06	0.00E+00	0.00E+00	4.11E-05
13	ALL		463056.4	3773525	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.73E-10	8.73E-10	4.12E-07	3.95E-05	0.00E+00	3.80E-08	0.00E+00	8.73E-10	1.41E-06	0.00E+00	0.00E+00	3.95E-05
14	ALL		463043.4	3773531	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.34E-10	8.34E-10	3.94E-07	3.79E-05	0.00E+00	3.64E-08	0.00E+00	8.34E-10	1.35E-06	0.00E+00	0.00E+00	3.79E-05
15	ALL		463195.1	3773491	NonCancer	0.00E+00	1.76E-08	0.00E+00	1.24E-09	1.24E-09	5.86E-07	5.30E-05	0.00E+00	5.41E-08	0.00E+00	1.24E-09	2.00E-06	0.00E+00	0.00E+00	5.30E-05
16	ALL		463182	3773497	NonCancer	0.00E+00	1.68E-08	0.00E+00	1.19E-09	1.19E-09	5.59E-07	5.09E-05	0.00E+00	5.16E-08	0.00E+00	1.19E-09	1.91E-06	0.00E+00	0.00E+00	5.09E-05
17	ALL		463168.8	3773503	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.35E-07	4.89E-05	0.00E+00	4.94E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	4.89E-05
18	ALL		463155.7	3773509	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.12E-07	4.70E-05	0.00E+00	4.72E-08	0.00E+00	1.08E-09	1.75E-06	0.00E+00	0.00E+00	4.70E-05
19	ALL		463142.5	3773515	NonCancer	0.00E+00	1.47E-08	0.00E+00	1.04E-09	1.04E-09	4.91E-07	4.53E-05	0.00E+00	4.53E-08	0.00E+00	1.04E-09	1.68E-06	0.00E+00	0.00E+00	4.53E-05
20	ALL		463129.4	3773521	NonCancer	0.00E+00	1.41E-08	0.00E+00	9.97E-10	9.97E-10	4.71E-07	4.36E-05	0.00E+00	4.34E-08	0.00E+00	9.97E-10	1.61E-06	0.00E+00	0.00E+00	4.36E-05
21	ALL		463116.2	3773527	NonCancer	0.00E+00	1.35E-08	0.00E+00	9.57E-10	9.57E-10	4.52E-07	4.21E-05	0.00E+00	4.17E-08	0.00E+00	9.57E-10	1.55E-06	0.00E+00	0.00E+00	4.21E-05
22	ALL		463103.1	3773533	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.19E-10	9.19E-10	4.34E-07	4.06E-05	0.00E+00	4.00E-08	0.00E+00	9.19E-10	1.48E-06	0.00E+00	0.00E+00	4.06E-05
23	ALL		463089.9	3773539	NonCancer	0.00E+00	1.25E-08	0.00E+00	8.82E-10	8.82E-10	4.16E-07	3.91E-05	0.00E+00	3.84E-08	0.00E+00	8.82E-10	1.42E-06	0.00E+00	0.00E+00	3.91E-05
24	ALL		463076.8	3773545	NonCancer	0.00E+00	1.20E-08	0.00E+00	8.46E-10	8.46E-10	3.99E-07	3.76E-05	0.00E+00	3.69E-08	0.00E+00	8.46E-10	1.37E-06	0.00E+00	0.00E+00	3.76E-05
25	ALL		463063.6	3773551	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.11E-10	8.11E-10	3.83E-07	3.62E-05	0.00E+00	3.53E-08	0.00E+00	8.11E-10	1.31E-06	0.00E+00	0.00E+00	3.62E-05
26	ALL		463050.5	3773557	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.77E-10	7.77E-10	3.67E-07	3.47E-05	0.00E+00	3.39E-08	0.00E+00	7.77E-10	1.26E-06	0.00E+00	0.00E+00	3.47E-05
27	ALL		463037.3	3773563	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.45E-10	7.45E-10	3.52E-07	3.34E-05	0.00E+00	3.25E-08	0.00E+00	7.45E-10	1.20E-06	0.00E+00	0.00E+00	3.34E-05
28	ALL		463257.6	3773492	NonCancer	0.00E+00	2.04E-08	0.00E+00	1.44E-09	1.44E-09	6.80E-07	5.91E-05	0.00E+00	6.28E-08	0.00E+00	1.44E-09	2.33E-06	0.00E+00	0.00E+00	5.91E-05
29	ALL		463244.6	3773498	NonCancer	0.00E+00	1.93E-08	0.00E+00	1.36E-09	1.36E-09	6.44E-07	5.64E-05	0.00E+00	5.95E-08	0.00E+00	1.36E-09	2.20E-06	0.00E+00	0.00E+00	5.64E-05
30	ALL		463231.6	3773504	NonCancer	0.00E+00	1.83E-08	0.00E+00	1.30E-09	1.30E-09	6.11E-07	5.39E-05	0.00E+00	5.64E-08	0.00E+00	1.30E-09	2.09E-06	0.00E+00	0.00E+00	5.39E-05
31	ALL		463218.6	3773510	NonCancer	0.00E+00	1.74E-08	0.00E+00	1.23E-09	1.23E-09	5.81E-07	5.16E-05	0.00E+00	5.36E-08	0.00E+00	1.23E-09	1.99E-06	0.00E+00	0.00E+00	5.16E-05
32	ALL		463205.7	3773516	NonCancer	0.00E+00	1.66E-08	0.00E+00	1.17E-09	1.17E-09	5.54E-07	4.94E-05	0.00E+00	5.11E-08	0.00E+00	1.17E-09	1.89E-06	0.00E+00	0.00E+00	4.94E-05
33	ALL		463192.7	3773522	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.12E-09	1.12E-09	5.29E-07	4.75E-05	0.00E+00	4.88E-08	0.00E+00	1.12E-09	1.81E-06	0.00E+00	0.00E+00	4.75E-05
34	ALL		463179.7	3773528	NonCancer	0.00E+00	1.52E-08	0.00E+00	1.07E-09	1.07E-09	5.06E-07	4.56E-05	0.00E+00	4.67E-08	0.00E+00	1.07E-09	1.73E-06	0.00E+00	0.00E+00	4.56E-05
35	ALL		463166.7	3773534	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.03E-09	1.03E-09	4.85E-07	4.40E-05	0.00E+00	4.48E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	4.40E-05
36	ALL		463153.7	3773540	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.85E-10	9.85E-10	4.65E-07	4.23E-05	0.00E+00	4.29E-08	0.00E+00	9.85E-10	1.59E-06	0.00E+00	0.00E+00	4.23E-05
37	ALL		463140.7	3773546	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.45E-10	9.45E-10	4.46E-07	4.07E-05	0.00E+00	4.12E-08	0.00E+00	9.45E-10	1.53E-06	0.00E+00	0.00E+00	4.07E-05
38	ALL		463127.8	3773552	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.07E-10	9.07E-10	4.28E-07	3.92E-05	0.00E+00	3.95E-08	0.00E+00	9.07E-10	1.46E-06	0.00E+00	0.00E+00	3.92E-05
39	ALL		463114.8	3773558	NonCancer	0.00E+00	1.23E-08	0.00E+00	8.70E-10	8.70E-10	4.11E-07	3.78E-05	0.00E+00	3.79E-08	0.00E+00	8.70E-10	1.41E-06	0.00E+00	0.00E+00	3.78E-05
40	ALL		463101.8	3773564	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.35E-10	8.35E-10	3.94E-07	3.64E-05	0.00E+00	3.64E-08	0.00E+00	8.35E-10	1.35E-06	0.00E+00	0.00E+00	3.64E-05
41	ALL		463088.8	3773570	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.03E-10	8.03E-10	3.79E-07	3.51E-05	0.00E+00	3.50E-08	0.00E+00	8.03E-10	1.30E-06	0.00E+00	0.00E+00	3.51E-05
42	ALL		463075.8	3773576	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.72E-10	7.72E-10	3.65E-07	3.39E-05	0.00E+00	3.37E-08	0.00E+00	7.72E-10	1.25E-06	0.00E+00	0.00E+00	3.39E-05
43	ALL		463062.8	3773582	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.43E-10	7.43E-10	3.51E-07	3.27E-05	0.00E+00	3.24E-08	0.00E+00	7.43E-10	1.20E-06	0.00E+00	0.00E+00	3.27E-05
44	ALL		463049.9	3773588	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.15E-10	7.15E-10	3.38E-07	3.16E-05	0.00E+00	3.12E-08	0.00E+00	7.15E-10	1.16E-06	0.00E+00	0.00E+00	3.16E-05
45	ALL		463036.9	3773594	NonCancer	0.00E+00	9.75E-09	0.00E+00	6.89E-10	6.89E-10	3.25E-07	3.05E-05	0.00E+00	3.00E-08	0.00E+00	6.89E-10	1.11E-06	0.00E+00	0.00E+00	3.05E-05
46	ALL		463293.2	3773506	NonCancer	0.00E+00	2.26E-08	0.00E+00	1.59E-09	1.59E-09	7.52E-07	6.34E-05	0.00E+00	6.95E-08	0.00E+00	1.59E-09	2.58E-06	0.00E+00	0.00E+00	6.34E-05
47	ALL		463280.1	3773512	NonCancer	0.00E+00	2.10E-08	0.00E+00	1.49E-09	1.49E-09	7.02E-07	5.97E-05	0.00E+00	6.48E-08	0.00E+00	1.49E-09	2.40E-06	0.00E+00	0.00E+00	5.97E-05
48	ALL		463267	3773518	NonCancer	0.00E+00	1.97E-08	0.00E+00	1.39E-09	1.39E-09	6.58E-07	5.65E-05	0.00E+00	6.08E-08	0.00E+00	1.39E-09	2.25E-06	0.00E+00	0.00E+00	5.65E-05
49	ALL		463253.8	3773524	NonCancer	0.00E+00	1.86E-08	0.00E+00	1.31E-09	1.31E-09	6.20E-07	5.36E-05	0.00E+00	5.73E-08	0.00E+00	1.31E-09	2.12E-06	0.00E+00	0.00E+00	5.36E-05
50	ALL		463240.7	3773530	NonCancer	0.00E+00	1.76E-08	0.00E+00	1.24E-09	1.24E-09	5.87E-07	5.11E-05	0.00E+00	5.42E-08	0.00E+00	1.24E-09	2.01E-06	0.00E+00	0.00E+00	5.11E-05
51	ALL		463227.6	3773536	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.56E-07	4.88E-05	0.00E+00	5.14E-08	0.00E+00	1.18E-09	1.90E-06	0.00E+00	0.00E+00	4.88E-05
52	ALL		463214.5	3773542	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.12E-09	1.12E-09	5.30E-07	4.67E-05	0.00E+00	4.89E-08	0.00E+00	1.12E-09	1.81E-06	0.00E+00	0.00E+00	4.67E-05

53	ALL	463201.3	3773548	NonCancer	0.00E+00	1.51E-08	0.00E+00	1.07E-09	1.07E-09	5.05E-07	4.48E-05	0.00E+00	4.66E-08	0.00E+00	1.07E-09	1.73E-06	0.00E+00	0.00E+00	4.48E-05
54	ALL	463188.2	3773554	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.02E-09	1.02E-09	4.83E-07	4.30E-05	0.00E+00	4.46E-08	0.00E+00	1.02E-09	1.65E-06	0.00E+00	0.00E+00	4.30E-05
55	ALL	463175.1	3773560	NonCancer	0.00E+00	1.38E-08	0.00E+00	9.79E-10	9.79E-10	4.62E-07	4.13E-05	0.00E+00	4.26E-08	0.00E+00	9.79E-10	1.58E-06	0.00E+00	0.00E+00	4.13E-05
56	ALL	463161.9	3773566	NonCancer	0.00E+00	1.32E-08	0.00E+00	9.35E-10	9.35E-10	4.41E-07	3.96E-05	0.00E+00	4.07E-08	0.00E+00	9.35E-10	1.51E-06	0.00E+00	0.00E+00	3.96E-05
57	ALL	463148.8	3773572	NonCancer	0.00E+00	1.27E-08	0.00E+00	8.94E-10	8.94E-10	4.22E-07	3.80E-05	0.00E+00	3.90E-08	0.00E+00	8.94E-10	1.44E-06	0.00E+00	0.00E+00	3.80E-05
58	ALL	463135.7	3773578	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.59E-10	8.59E-10	4.05E-07	3.67E-05	0.00E+00	3.74E-08	0.00E+00	8.59E-10	1.39E-06	0.00E+00	0.00E+00	3.67E-05
59	ALL	463122.6	3773584	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.25E-10	8.25E-10	3.90E-07	3.54E-05	0.00E+00	3.60E-08	0.00E+00	8.25E-10	1.33E-06	0.00E+00	0.00E+00	3.54E-05
60	ALL	463109.4	3773590	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.94E-10	7.94E-10	3.75E-07	3.42E-05	0.00E+00	3.46E-08	0.00E+00	7.94E-10	1.28E-06	0.00E+00	0.00E+00	3.42E-05
61	ALL	463096.3	3773596	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.64E-10	7.64E-10	3.60E-07	3.30E-05	0.00E+00	3.33E-08	0.00E+00	7.64E-10	1.23E-06	0.00E+00	0.00E+00	3.30E-05
62	ALL	463083.2	3773602	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.33E-10	7.33E-10	3.46E-07	3.18E-05	0.00E+00	3.19E-08	0.00E+00	7.33E-10	1.18E-06	0.00E+00	0.00E+00	3.18E-05
63	ALL	463070.1	3773608	NonCancer	0.00E+00	9.94E-09	0.00E+00	7.03E-10	7.03E-10	3.32E-07	3.05E-05	0.00E+00	3.06E-08	0.00E+00	7.03E-10	1.13E-06	0.00E+00	0.00E+00	3.05E-05
64	ALL	463056.9	3773614	NonCancer	0.00E+00	9.54E-09	0.00E+00	6.74E-10	6.74E-10	3.18E-07	2.94E-05	0.00E+00	2.94E-08	0.00E+00	6.74E-10	1.09E-06	0.00E+00	0.00E+00	2.94E-05
65	ALL	463043.8	3773620	NonCancer	0.00E+00	9.15E-09	0.00E+00	6.47E-10	6.47E-10	3.05E-07	2.83E-05	0.00E+00	2.82E-08	0.00E+00	6.47E-10	1.04E-06	0.00E+00	0.00E+00	2.83E-05
66	ALL	463304.5	3773498	NonCancer	0.00E+00	2.43E-08	0.00E+00	1.71E-09	1.71E-09	8.09E-07	6.77E-05	0.00E+00	7.47E-08	0.00E+00	1.71E-09	2.77E-06	0.00E+00	0.00E+00	6.77E-05
67	ALL	463315.9	3773526	NonCancer	0.00E+00	2.46E-08	0.00E+00	1.74E-09	1.74E-09	8.20E-07	6.75E-05	0.00E+00	7.57E-08	0.00E+00	1.74E-09	2.81E-06	0.00E+00	0.00E+00	6.75E-05
68	ALL	463302.6	3773532	NonCancer	0.00E+00	2.25E-08	0.00E+00	1.59E-09	1.59E-09	7.51E-07	6.25E-05	0.00E+00	6.93E-08	0.00E+00	1.59E-09	2.57E-06	0.00E+00	0.00E+00	6.25E-05
69	ALL	463289.4	3773538	NonCancer	0.00E+00	2.08E-08	0.00E+00	1.47E-09	1.47E-09	6.94E-07	5.84E-05	0.00E+00	6.41E-08	0.00E+00	1.47E-09	2.38E-06	0.00E+00	0.00E+00	5.84E-05
70	ALL	463276.1	3773544	NonCancer	0.00E+00	1.94E-08	0.00E+00	1.37E-09	1.37E-09	6.47E-07	5.49E-05	0.00E+00	5.98E-08	0.00E+00	1.37E-09	2.22E-06	0.00E+00	0.00E+00	5.49E-05
71	ALL	463262.9	3773550	NonCancer	0.00E+00	1.82E-08	0.00E+00	1.29E-09	1.29E-09	6.07E-07	5.19E-05	0.00E+00	5.60E-08	0.00E+00	1.29E-09	2.08E-06	0.00E+00	0.00E+00	5.19E-05
72	ALL	463249.6	3773556	NonCancer	0.00E+00	1.71E-08	0.00E+00	1.21E-09	1.21E-09	5.72E-07	4.92E-05	0.00E+00	5.28E-08	0.00E+00	1.21E-09	1.96E-06	0.00E+00	0.00E+00	4.92E-05
73	ALL	463236.4	3773562	NonCancer	0.00E+00	1.62E-08	0.00E+00	1.15E-09	1.15E-09	5.41E-07	4.68E-05	0.00E+00	4.99E-08	0.00E+00	1.15E-09	1.85E-06	0.00E+00	0.00E+00	4.68E-05
74	ALL	463223.1	3773568	NonCancer	0.00E+00	1.54E-08	0.00E+00	1.09E-09	1.09E-09	5.13E-07	4.47E-05	0.00E+00	4.74E-08	0.00E+00	1.09E-09	1.76E-06	0.00E+00	0.00E+00	4.47E-05
75	ALL	463209.8	3773574	NonCancer	0.00E+00	1.46E-08	0.00E+00	1.03E-09	1.03E-09	4.88E-07	4.27E-05	0.00E+00	4.50E-08	0.00E+00	1.03E-09	1.67E-06	0.00E+00	0.00E+00	4.27E-05
76	ALL	463196.6	3773580	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.85E-10	9.85E-10	4.65E-07	4.08E-05	0.00E+00	4.29E-08	0.00E+00	9.85E-10	1.59E-06	0.00E+00	0.00E+00	4.08E-05
77	ALL	463183.3	3773586	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.40E-10	9.40E-10	4.44E-07	3.91E-05	0.00E+00	4.10E-08	0.00E+00	9.40E-10	1.52E-06	0.00E+00	0.00E+00	3.91E-05
78	ALL	463170.1	3773592	NonCancer	0.00E+00	1.27E-08	0.00E+00	8.98E-10	8.98E-10	4.24E-07	3.75E-05	0.00E+00	3.91E-08	0.00E+00	8.98E-10	1.45E-06	0.00E+00	0.00E+00	3.75E-05
79	ALL	463156.8	3773599	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.60E-10	8.60E-10	4.06E-07	3.61E-05	0.00E+00	3.75E-08	0.00E+00	8.60E-10	1.39E-06	0.00E+00	0.00E+00	3.61E-05
80	ALL	463143.6	3773605	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.25E-10	8.25E-10	3.89E-07	3.48E-05	0.00E+00	3.59E-08	0.00E+00	8.25E-10	1.33E-06	0.00E+00	0.00E+00	3.48E-05
81	ALL	463130.3	3773611	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.92E-10	7.92E-10	3.74E-07	3.36E-05	0.00E+00	3.45E-08	0.00E+00	7.92E-10	1.28E-06	0.00E+00	0.00E+00	3.36E-05
82	ALL	463117.1	3773617	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.61E-10	7.61E-10	3.59E-07	3.24E-05	0.00E+00	3.31E-08	0.00E+00	7.61E-10	1.23E-06	0.00E+00	0.00E+00	3.24E-05
83	ALL	463103.8	3773623	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.27E-10	7.27E-10	3.43E-07	3.10E-05	0.00E+00	3.17E-08	0.00E+00	7.27E-10	1.17E-06	0.00E+00	0.00E+00	3.10E-05
84	ALL	463090.6	3773629	NonCancer	0.00E+00	9.81E-09	0.00E+00	6.93E-10	6.93E-10	3.27E-07	2.97E-05	0.00E+00	3.02E-08	0.00E+00	6.93E-10	1.12E-06	0.00E+00	0.00E+00	2.97E-05
85	ALL	463077.3	3773635	NonCancer	0.00E+00	9.44E-09	0.00E+00	6.67E-10	6.67E-10	3.15E-07	2.86E-05	0.00E+00	2.91E-08	0.00E+00	6.67E-10	1.08E-06	0.00E+00	0.00E+00	2.86E-05
86	ALL	463064.1	3773641	NonCancer	0.00E+00	9.09E-09	0.00E+00	6.42E-10	6.42E-10	3.03E-07	2.77E-05	0.00E+00	2.80E-08	0.00E+00	6.42E-10	1.04E-06	0.00E+00	0.00E+00	2.77E-05
87	ALL	463050.8	3773647	NonCancer	0.00E+00	8.76E-09	0.00E+00	6.19E-10	6.19E-10	2.92E-07	2.67E-05	0.00E+00	2.70E-08	0.00E+00	6.19E-10	1.00E-06	0.00E+00	0.00E+00	2.67E-05
88	ALL	463037.6	3773653	NonCancer	0.00E+00	8.44E-09	0.00E+00	5.96E-10	5.96E-10	2.81E-07	2.59E-05	0.00E+00	2.60E-08	0.00E+00	5.96E-10	9.63E-07	0.00E+00	0.00E+00	2.59E-05
89	ALL	463327.3	3773517	NonCancer	0.00E+00	2.69E-08	0.00E+00	1.90E-09	1.90E-09	8.98E-07	7.33E-05	0.00E+00	8.29E-08	0.00E+00	1.90E-09	3.07E-06	0.00E+00	0.00E+00	7.33E-05
90	ALL	463338.7	3773545	NonCancer	0.00E+00	2.85E-08	0.00E+00	2.01E-09	2.01E-09	9.51E-07	7.62E-05	0.00E+00	8.78E-08	0.00E+00	2.01E-09	3.25E-06	0.00E+00	0.00E+00	7.62E-05
91	ALL	463325.6	3773551	NonCancer	0.00E+00	2.54E-08	0.00E+00	1.79E-09	1.79E-09	8.47E-07	6.87E-05	0.00E+00	7.82E-08	0.00E+00	1.79E-09	2.90E-06	0.00E+00	0.00E+00	6.87E-05
92	ALL	463312.4	3773557	NonCancer	0.00E+00	2.30E-08	0.00E+00	1.62E-09	1.62E-09	7.67E-07	6.30E-05	0.00E+00	7.08E-08	0.00E+00	1.62E-09	2.62E-06	0.00E+00	0.00E+00	6.30E-05
93	ALL	463299.3	3773563	NonCancer	0.00E+00	2.11E-08	0.00E+00	1.49E-09	1.49E-09	7.03E-07	5.83E-05	0.00E+00	6.49E-08	0.00E+00	1.49E-09	2.41E-06	0.00E+00	0.00E+00	5.83E-05
94	ALL	463286.2	3773569	NonCancer	0.00E+00	1.95E-08	0.00E+00	1.38E-09	1.38E-09	6.51E-07	5.44E-05	0.00E+00	6.01E-08	0.00E+00	1.38E-09	2.23E-06	0.00E+00	0.00E+00	5.44E-05
95	ALL	463273.1	3773575	NonCancer	0.00E+00	1.82E-08	0.00E+00	1.29E-09	1.29E-09	6.06E-07	5.11E-05	0.00E+00	5.60E-08	0.00E+00	1.29E-09	2.08E-06	0.00E+00	0.00E+00	5.11E-05
96	ALL	463260	3773581	NonCancer	0.00E+00	1.70E-08	0.00E+00	1.20E-09	1.20E-09	5.68E-07	4.82E-05	0.00E+00	5.25E-08	0.00E+00	1.20E-09	1.95E-06	0.00E+00	0.00E+00	4.82E-05
97	ALL	463246.9	3773587	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.35E-07	4.56E-05	0.00E+00	4.94E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	4.56E-05
98	ALL	463233.8	3773593	NonCancer	0.00E+00	1.52E-08	0.00E+00	1.07E-09	1.07E-09	5.06E-07	4.33E-05	0.00E+00	4.67E-08	0.00E+00	1.07E-09	1.73E-06	0.00E+00	0.00E+00	4.33E-05
99	ALL	463220.7	3773599	NonCancer	0.00E+00	1.44E-08	0.00E+00	1.02E-09	1.02E-09	4.79E-07	4.13E-05	0.00E+00	4.43E-08	0.00E+00	1.02E-09	1.64E-06	0.00E+00	0.00E+00	4.13E-05
100	ALL	463207.6	3773605	NonCancer	0.00E+00	1.37E-08	0.00E+00	9.67E-10	9.67E-10	4.56E-07	3.95E-05	0.00E+00	4.21E-08	0.00E+00	9.67E-10	1.56E-06	0.00E+00	0.00E+00	3.95E-05
101	ALL	463194.5	3773611	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.22E-10	9.22E-10	4.35E-07	3.79E-05	0.00E+00	4.02E-08	0.00E+00	9.22E-10	1.49E-06	0.00E+00	0.00E+00	3.79E-05
102	ALL	463181.4	3773617	NonCancer	0.00E+00	1.25E-08	0.00E+00	8.81E-10	8.81E-10	4.16E-07	3.64E-05	0.00E+00	3.84E-08	0.00E+00	8.81E-10	1.42E-06	0.00E+00	0.00E+00	3.64E-05
103	ALL	463168.3	3773623	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.43E-10	8.43E-10	3.98E-07	3.50E-05	0.00E+00	3.67E-08	0.00E+00	8.43E-10	1.36E-06	0.00E+00	0.00E+00	3.50E-05
104	ALL	463155.2	3773629	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.08E-10	8.08E-10	3.81E-07	3.36E-05	0.00E+00	3.52E-08	0.00E+00	8.08E-10	1.30E-06	0.00E+00	0.00E+00	3.36E-05
105	ALL	463142.1	3773635	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.73E-10	7.73E-10	3.65E-07	3.23E-05	0.00E+00	3.37E-08	0.00E+00	7.73E-10	1.25E-06	0.00E+00	0.00E+00	3.23E-05
106	ALL	463128.9	3773641	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.40E-10	7.40E-10	3.49E-07	3.11E-05	0.00E+00	3.22E-08	0.00E+00	7.40E-10	1.20E-06	0.00E+00	0.00E+00	3.11E-05

107	ALL	463115.8	3773647	NonCancer	0.00E+00	1.00E-08	0.00E+00	7.09E-10	7.09E-10	3.35E-07	2.98E-05	0.00E+00	3.09E-08	0.00E+00	7.09E-10	1.14E-06	0.00E+00	0.00E+00	2.98E-05
108	ALL	463102.7	3773653	NonCancer	0.00E+00	9.62E-09	0.00E+00	6.80E-10	6.80E-10	3.21E-07	2.87E-05	0.00E+00	2.96E-08	0.00E+00	6.80E-10	1.10E-06	0.00E+00	0.00E+00	2.87E-05
109	ALL	463089.6	3773659	NonCancer	0.00E+00	9.25E-09	0.00E+00	6.54E-10	6.54E-10	3.09E-07	2.77E-05	0.00E+00	2.85E-08	0.00E+00	6.54E-10	1.06E-06	0.00E+00	0.00E+00	2.77E-05
110	ALL	463076.5	3773665	NonCancer	0.00E+00	8.90E-09	0.00E+00	6.29E-10	6.29E-10	2.97E-07	2.67E-05	0.00E+00	2.74E-08	0.00E+00	6.29E-10	1.02E-06	0.00E+00	0.00E+00	2.67E-05
111	ALL	463063.4	3773671	NonCancer	0.00E+00	8.53E-09	0.00E+00	6.03E-10	6.03E-10	2.84E-07	2.57E-05	0.00E+00	2.63E-08	0.00E+00	6.03E-10	9.74E-07	0.00E+00	0.00E+00	2.57E-05
112	ALL	463050.3	3773677	NonCancer	0.00E+00	8.19E-09	0.00E+00	5.79E-10	5.79E-10	2.73E-07	2.47E-05	0.00E+00	2.52E-08	0.00E+00	5.79E-10	9.34E-07	0.00E+00	0.00E+00	2.47E-05
113	ALL	463037.2	3773683	NonCancer	0.00E+00	7.87E-09	0.00E+00	5.56E-10	5.56E-10	2.62E-07	2.38E-05	0.00E+00	2.42E-08	0.00E+00	5.56E-10	8.98E-07	0.00E+00	0.00E+00	2.38E-05
114	ALL	463350	3773537	NonCancer	0.00E+00	3.22E-08	0.00E+00	2.28E-09	2.28E-09	1.07E-06	8.51E-05	0.00E+00	9.92E-08	0.00E+00	2.28E-09	3.68E-06	0.00E+00	0.00E+00	8.51E-05
115	ALL	463361.3	3773565	NonCancer	0.00E+00	3.61E-08	0.00E+00	2.55E-09	2.55E-09	1.20E-06	9.37E-05	0.00E+00	1.11E-07	0.00E+00	2.55E-09	4.12E-06	0.00E+00	0.00E+00	9.37E-05
116	ALL	463348.1	3773571	NonCancer	0.00E+00	3.05E-08	0.00E+00	2.15E-09	2.15E-09	1.02E-06	8.04E-05	0.00E+00	9.39E-08	0.00E+00	2.15E-09	3.48E-06	0.00E+00	0.00E+00	8.04E-05
117	ALL	463334.9	3773577	NonCancer	0.00E+00	2.66E-08	0.00E+00	1.88E-09	1.88E-09	8.87E-07	7.11E-05	0.00E+00	8.19E-08	0.00E+00	1.88E-09	3.04E-06	0.00E+00	0.00E+00	7.11E-05
118	ALL	463321.7	3773583	NonCancer	0.00E+00	2.37E-08	0.00E+00	1.68E-09	1.68E-09	7.92E-07	6.42E-05	0.00E+00	7.31E-08	0.00E+00	1.68E-09	2.71E-06	0.00E+00	0.00E+00	6.42E-05
119	ALL	463308.5	3773589	NonCancer	0.00E+00	2.15E-08	0.00E+00	1.52E-09	1.52E-09	7.17E-07	5.87E-05	0.00E+00	6.62E-08	0.00E+00	1.52E-09	2.46E-06	0.00E+00	0.00E+00	5.87E-05
120	ALL	463295.2	3773595	NonCancer	0.00E+00	1.97E-08	0.00E+00	1.39E-09	1.39E-09	6.58E-07	5.42E-05	0.00E+00	6.07E-08	0.00E+00	1.39E-09	2.25E-06	0.00E+00	0.00E+00	5.42E-05
121	ALL	463282	3773601	NonCancer	0.00E+00	1.82E-08	0.00E+00	1.29E-09	1.29E-09	6.08E-07	5.06E-05	0.00E+00	5.62E-08	0.00E+00	1.29E-09	2.08E-06	0.00E+00	0.00E+00	5.06E-05
122	ALL	463268.8	3773607	NonCancer	0.00E+00	1.70E-08	0.00E+00	1.20E-09	1.20E-09	5.67E-07	4.75E-05	0.00E+00	5.24E-08	0.00E+00	1.20E-09	1.94E-06	0.00E+00	0.00E+00	4.75E-05
123	ALL	463255.6	3773613	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.13E-09	1.13E-09	5.32E-07	4.48E-05	0.00E+00	4.91E-08	0.00E+00	1.13E-09	1.82E-06	0.00E+00	0.00E+00	4.48E-05
124	ALL	463242.4	3773619	NonCancer	0.00E+00	1.50E-08	0.00E+00	1.06E-09	1.06E-09	5.01E-07	4.24E-05	0.00E+00	4.62E-08	0.00E+00	1.06E-09	1.71E-06	0.00E+00	0.00E+00	4.24E-05
125	ALL	463229.1	3773625	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.74E-07	4.03E-05	0.00E+00	4.37E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	4.03E-05
126	ALL	463215.9	3773632	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.50E-10	9.50E-10	4.48E-07	3.84E-05	0.00E+00	4.14E-08	0.00E+00	9.50E-10	1.53E-06	0.00E+00	0.00E+00	3.84E-05
127	ALL	463202.7	3773638	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.01E-10	9.01E-10	4.25E-07	3.66E-05	0.00E+00	3.93E-08	0.00E+00	9.01E-10	1.46E-06	0.00E+00	0.00E+00	3.66E-05
128	ALL	463189.5	3773644	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.57E-10	8.57E-10	4.04E-07	3.49E-05	0.00E+00	3.73E-08	0.00E+00	8.57E-10	1.38E-06	0.00E+00	0.00E+00	3.49E-05
129	ALL	463176.3	3773650	NonCancer	0.00E+00	1.16E-08	0.00E+00	8.16E-10	8.16E-10	3.85E-07	3.34E-05	0.00E+00	3.56E-08	0.00E+00	8.16E-10	1.32E-06	0.00E+00	0.00E+00	3.34E-05
130	ALL	463163	3773656	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.79E-10	7.79E-10	3.68E-07	3.20E-05	0.00E+00	3.39E-08	0.00E+00	7.79E-10	1.26E-06	0.00E+00	0.00E+00	3.20E-05
131	ALL	463149.8	3773662	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.46E-10	7.46E-10	3.52E-07	3.08E-05	0.00E+00	3.25E-08	0.00E+00	7.46E-10	1.21E-06	0.00E+00	0.00E+00	3.08E-05
132	ALL	463136.6	3773668	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.16E-10	7.16E-10	3.38E-07	2.97E-05	0.00E+00	3.12E-08	0.00E+00	7.16E-10	1.16E-06	0.00E+00	0.00E+00	2.97E-05
133	ALL	463123.4	3773674	NonCancer	0.00E+00	9.73E-09	0.00E+00	6.87E-10	6.87E-10	3.24E-07	2.86E-05	0.00E+00	2.99E-08	0.00E+00	6.87E-10	1.11E-06	0.00E+00	0.00E+00	2.86E-05
134	ALL	463110.2	3773680	NonCancer	0.00E+00	9.35E-09	0.00E+00	6.61E-10	6.61E-10	3.12E-07	2.76E-05	0.00E+00	2.88E-08	0.00E+00	6.61E-10	1.07E-06	0.00E+00	0.00E+00	2.76E-05
135	ALL	463097	3773686	NonCancer	0.00E+00	8.99E-09	0.00E+00	6.35E-10	6.35E-10	3.00E-07	2.67E-05	0.00E+00	2.77E-08	0.00E+00	6.35E-10	1.03E-06	0.00E+00	0.00E+00	2.67E-05
136	ALL	463083.7	3773692	NonCancer	0.00E+00	8.61E-09	0.00E+00	6.08E-10	6.08E-10	2.87E-07	2.56E-05	0.00E+00	2.65E-08	0.00E+00	6.08E-10	9.83E-07	0.00E+00	0.00E+00	2.56E-05
137	ALL	463070.5	3773698	NonCancer	0.00E+00	8.24E-09	0.00E+00	5.82E-10	5.82E-10	2.75E-07	2.45E-05	0.00E+00	2.54E-08	0.00E+00	5.82E-10	9.40E-07	0.00E+00	0.00E+00	2.45E-05
138	ALL	463057.3	3773704	NonCancer	0.00E+00	7.91E-09	0.00E+00	5.59E-10	5.59E-10	2.64E-07	2.36E-05	0.00E+00	2.44E-08	0.00E+00	5.59E-10	9.03E-07	0.00E+00	0.00E+00	2.36E-05
139	ALL	463044.1	3773710	NonCancer	0.00E+00	7.63E-09	0.00E+00	5.39E-10	5.39E-10	2.54E-07	2.28E-05	0.00E+00	2.35E-08	0.00E+00	5.39E-10	8.70E-07	0.00E+00	0.00E+00	2.28E-05
140	ALL	463372.7	3773556	NonCancer	0.00E+00	4.36E-08	0.00E+00	3.08E-09	3.08E-09	1.45E-06	1.11E-04	0.00E+00	1.34E-07	0.00E+00	3.08E-09	4.98E-06	0.00E+00	0.00E+00	1.11E-04
141	ALL	463384.1	3773584	NonCancer	0.00E+00	5.48E-08	0.00E+00	3.88E-09	3.88E-09	1.83E-06	1.36E-04	0.00E+00	1.69E-07	0.00E+00	3.88E-09	6.26E-06	0.00E+00	0.00E+00	1.36E-04
142	ALL	463371	3773590	NonCancer	0.00E+00	4.14E-08	0.00E+00	2.92E-09	2.92E-09	1.38E-06	1.05E-04	0.00E+00	1.27E-07	0.00E+00	2.92E-09	4.72E-06	0.00E+00	0.00E+00	1.05E-04
143	ALL	463357.9	3773596	NonCancer	0.00E+00	3.37E-08	0.00E+00	2.38E-09	2.38E-09	1.12E-06	8.74E-05	0.00E+00	1.04E-07	0.00E+00	2.38E-09	3.85E-06	0.00E+00	0.00E+00	8.74E-05
144	ALL	463344.8	3773602	NonCancer	0.00E+00	2.87E-08	0.00E+00	2.03E-09	2.03E-09	9.56E-07	7.54E-05	0.00E+00	8.83E-08	0.00E+00	2.03E-09	3.27E-06	0.00E+00	0.00E+00	7.54E-05
145	ALL	463331.7	3773608	NonCancer	0.00E+00	2.51E-08	0.00E+00	1.77E-09	1.77E-09	8.38E-07	6.69E-05	0.00E+00	7.73E-08	0.00E+00	1.77E-09	2.87E-06	0.00E+00	0.00E+00	6.69E-05
146	ALL	463318.6	3773614	NonCancer	0.00E+00	2.25E-08	0.00E+00	1.59E-09	1.59E-09	7.50E-07	6.05E-05	0.00E+00	6.92E-08	0.00E+00	1.59E-09	2.57E-06	0.00E+00	0.00E+00	6.05E-05
147	ALL	463305.6	3773620	NonCancer	0.00E+00	2.04E-08	0.00E+00	1.44E-09	1.44E-09	6.81E-07	5.54E-05	0.00E+00	6.29E-08	0.00E+00	1.44E-09	2.33E-06	0.00E+00	0.00E+00	5.54E-05
148	ALL	463292.5	3773626	NonCancer	0.00E+00	1.88E-08	0.00E+00	1.33E-09	1.33E-09	6.25E-07	5.13E-05	0.00E+00	5.77E-08	0.00E+00	1.33E-09	2.14E-06	0.00E+00	0.00E+00	5.13E-05
149	ALL	463279.4	3773632	NonCancer	0.00E+00	1.73E-08	0.00E+00	1.23E-09	1.23E-09	5.78E-07	4.77E-05	0.00E+00	5.34E-08	0.00E+00	1.23E-09	1.98E-06	0.00E+00	0.00E+00	4.77E-05
150	ALL	463266.3	3773638	NonCancer	0.00E+00	1.61E-08	0.00E+00	1.14E-09	1.14E-09	5.38E-07	4.47E-05	0.00E+00	4.97E-08	0.00E+00	1.14E-09	1.84E-06	0.00E+00	0.00E+00	4.47E-05
151	ALL	463253.2	3773644	NonCancer	0.00E+00	1.51E-08	0.00E+00	1.07E-09	1.07E-09	5.03E-07	4.21E-05	0.00E+00	4.65E-08	0.00E+00	1.07E-09	1.72E-06	0.00E+00	0.00E+00	4.21E-05
152	ALL	463240.1	3773650	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.73E-07	3.98E-05	0.00E+00	4.37E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	3.98E-05
153	ALL	463227	3773656	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.46E-10	9.46E-10	4.46E-07	3.77E-05	0.00E+00	4.12E-08	0.00E+00	9.46E-10	1.53E-06	0.00E+00	0.00E+00	3.77E-05
154	ALL	463213.9	3773662	NonCancer	0.00E+00	1.27E-08	0.00E+00	8.96E-10	8.96E-10	4.23E-07	3.59E-05	0.00E+00	3.91E-08	0.00E+00	8.96E-10	1.45E-06	0.00E+00	0.00E+00	3.59E-05
155	ALL	463200.8	3773668	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.52E-10	8.52E-10	4.02E-07	3.43E-05	0.00E+00	3.71E-08	0.00E+00	8.52E-10	1.38E-06	0.00E+00	0.00E+00	3.43E-05
156	ALL	463187.7	3773674	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.12E-10	8.12E-10	3.83E-07	3.29E-05	0.00E+00	3.54E-08	0.00E+00	8.12E-10	1.31E-06	0.00E+00	0.00E+00	3.29E-05
157	ALL	463174.6	3773680	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.76E-10	7.76E-10	3.66E-07	3.15E-05	0.00E+00	3.38E-08	0.00E+00	7.76E-10	1.25E-06	0.00E+00	0.00E+00	3.15E-05
158	ALL	463161.5	3773686	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.42E-10	7.42E-10	3.50E-07	3.03E-05	0.00E+00	3.23E-08	0.00E+00	7.42E-10	1.20E-06	0.00E+00	0.00E+00	3.03E-05
159	ALL	463148.4	3773692	NonCancer	0.00E+00	1.00E-08	0.00E+00	7.09E-10	7.09E-10	3.35E-07	2.91E-05	0.00E+00	3.09E-08	0.00E+00	7.09E-10	1.15E-06	0.00E+00	0.00E+00	2.91E-05
160	ALL	463135.4	3773698	NonCancer	0.00E+00	9.60E-09	0.00E+00	6.78E-10	6.78E-10	3.20E-07	2.79E-05	0.00E+00	2.96E-08	0.00E+00	6.78E-10	1.10E-06	0.00E+00	0.00E+00	2.79E-05

161	ALL	463122.3	3773704	NonCancer	0.00E+00	9.19E-09	0.00E+00	6.50E-10	6.50E-10	3.07E-07	2.68E-05	0.00E+00	2.83E-08	0.00E+00	6.50E-10	1.05E-06	0.00E+00	0.00E+00	2.68E-05
162	ALL	463109.2	3773710	NonCancer	0.00E+00	8.81E-09	0.00E+00	6.23E-10	6.23E-10	2.94E-07	2.58E-05	0.00E+00	2.71E-08	0.00E+00	6.23E-10	1.01E-06	0.00E+00	0.00E+00	2.58E-05
163	ALL	463096.1	3773716	NonCancer	0.00E+00	8.45E-09	0.00E+00	5.97E-10	5.97E-10	2.82E-07	2.48E-05	0.00E+00	2.60E-08	0.00E+00	5.97E-10	9.65E-07	0.00E+00	0.00E+00	2.48E-05
164	ALL	463083	3773722	NonCancer	0.00E+00	8.13E-09	0.00E+00	5.75E-10	5.75E-10	2.71E-07	2.40E-05	0.00E+00	2.50E-08	0.00E+00	5.75E-10	9.28E-07	0.00E+00	0.00E+00	2.40E-05
165	ALL	463069.9	3773728	NonCancer	0.00E+00	7.84E-09	0.00E+00	5.54E-10	5.54E-10	2.61E-07	2.31E-05	0.00E+00	2.41E-08	0.00E+00	5.54E-10	8.94E-07	0.00E+00	0.00E+00	2.31E-05
166	ALL	463056.8	3773734	NonCancer	0.00E+00	7.54E-09	0.00E+00	5.33E-10	5.33E-10	2.52E-07	2.24E-05	0.00E+00	2.32E-08	0.00E+00	5.33E-10	8.61E-07	0.00E+00	0.00E+00	2.24E-05
167	ALL	463043.7	3773740	NonCancer	0.00E+00	7.23E-09	0.00E+00	5.11E-10	5.11E-10	2.41E-07	2.15E-05	0.00E+00	2.23E-08	0.00E+00	5.11E-10	8.25E-07	0.00E+00	0.00E+00	2.15E-05
168	ALL	463395.4	3773576	NonCancer	0.00E+00	7.92E-08	0.00E+00	5.59E-09	5.59E-09	2.64E-06	1.90E-04	0.00E+00	2.44E-07	0.00E+00	5.59E-09	9.03E-06	0.00E+00	0.00E+00	1.90E-04
169	ALL	463406.8	3773604	NonCancer	0.00E+00	1.54E-07	0.00E+00	1.09E-08	1.09E-08	5.12E-06	3.47E-04	0.00E+00	4.73E-07	0.00E+00	1.09E-08	1.75E-05	0.00E+00	0.00E+00	3.47E-04
170	ALL	463393.6	3773610	NonCancer	0.00E+00	7.25E-08	0.00E+00	5.13E-09	5.13E-09	2.42E-06	1.75E-04	0.00E+00	2.23E-07	0.00E+00	5.13E-09	8.28E-06	0.00E+00	0.00E+00	1.75E-04
171	ALL	463380.4	3773616	NonCancer	0.00E+00	4.93E-08	0.00E+00	3.48E-09	3.48E-09	1.64E-06	1.23E-04	0.00E+00	1.52E-07	0.00E+00	3.48E-09	5.62E-06	0.00E+00	0.00E+00	1.23E-04
172	ALL	463367.2	3773622	NonCancer	0.00E+00	3.80E-08	0.00E+00	2.69E-09	2.69E-09	1.27E-06	9.69E-05	0.00E+00	1.17E-07	0.00E+00	2.69E-09	4.34E-06	0.00E+00	0.00E+00	9.69E-05
173	ALL	463354	3773628	NonCancer	0.00E+00	3.13E-08	0.00E+00	2.21E-09	2.21E-09	1.04E-06	8.12E-05	0.00E+00	9.64E-08	0.00E+00	2.21E-09	3.57E-06	0.00E+00	0.00E+00	8.12E-05
174	ALL	463340.8	3773634	NonCancer	0.00E+00	2.68E-08	0.00E+00	1.90E-09	1.90E-09	8.95E-07	7.05E-05	0.00E+00	8.26E-08	0.00E+00	1.90E-09	3.06E-06	0.00E+00	0.00E+00	7.05E-05
175	ALL	463327.6	3773640	NonCancer	0.00E+00	2.36E-08	0.00E+00	1.67E-09	1.67E-09	7.86E-07	6.26E-05	0.00E+00	7.26E-08	0.00E+00	1.67E-09	2.69E-06	0.00E+00	0.00E+00	6.26E-05
176	ALL	463314.4	3773646	NonCancer	0.00E+00	2.11E-08	0.00E+00	1.49E-09	1.49E-09	7.04E-07	5.66E-05	0.00E+00	6.50E-08	0.00E+00	1.49E-09	2.41E-06	0.00E+00	0.00E+00	5.66E-05
177	ALL	463301.2	3773652	NonCancer	0.00E+00	1.92E-08	0.00E+00	1.35E-09	1.35E-09	6.39E-07	5.18E-05	0.00E+00	5.90E-08	0.00E+00	1.35E-09	2.19E-06	0.00E+00	0.00E+00	5.18E-05
178	ALL	463288.1	3773658	NonCancer	0.00E+00	1.76E-08	0.00E+00	1.24E-09	1.24E-09	5.87E-07	4.79E-05	0.00E+00	5.42E-08	0.00E+00	1.24E-09	2.01E-06	0.00E+00	0.00E+00	4.79E-05
179	ALL	463274.9	3773664	NonCancer	0.00E+00	1.63E-08	0.00E+00	1.15E-09	1.15E-09	5.43E-07	4.46E-05	0.00E+00	5.02E-08	0.00E+00	1.15E-09	1.86E-06	0.00E+00	0.00E+00	4.46E-05
180	ALL	463261.7	3773671	NonCancer	0.00E+00	1.52E-08	0.00E+00	1.07E-09	1.07E-09	5.06E-07	4.18E-05	0.00E+00	4.67E-08	0.00E+00	1.07E-09	1.73E-06	0.00E+00	0.00E+00	4.18E-05
181	ALL	463248.5	3773677	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.01E-09	1.01E-09	4.75E-07	3.94E-05	0.00E+00	4.38E-08	0.00E+00	1.01E-09	1.62E-06	0.00E+00	0.00E+00	3.94E-05
182	ALL	463235.3	3773683	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.46E-10	9.46E-10	4.47E-07	3.73E-05	0.00E+00	4.12E-08	0.00E+00	9.46E-10	1.53E-06	0.00E+00	0.00E+00	3.73E-05
183	ALL	463222.1	3773689	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.94E-10	8.94E-10	4.22E-07	3.54E-05	0.00E+00	3.89E-08	0.00E+00	8.94E-10	1.44E-06	0.00E+00	0.00E+00	3.54E-05
184	ALL	463208.9	3773695	NonCancer	0.00E+00	1.20E-08	0.00E+00	8.45E-10	8.45E-10	3.99E-07	3.37E-05	0.00E+00	3.68E-08	0.00E+00	8.45E-10	1.37E-06	0.00E+00	0.00E+00	3.37E-05
185	ALL	463195.7	3773701	NonCancer	0.00E+00	1.13E-08	0.00E+00	8.01E-10	8.01E-10	3.78E-07	3.21E-05	0.00E+00	3.49E-08	0.00E+00	8.01E-10	1.29E-06	0.00E+00	0.00E+00	3.21E-05
186	ALL	463182.5	3773707	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.62E-10	7.62E-10	3.59E-07	3.06E-05	0.00E+00	3.32E-08	0.00E+00	7.62E-10	1.23E-06	0.00E+00	0.00E+00	3.06E-05
187	ALL	463169.3	3773713	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.25E-10	7.25E-10	3.42E-07	2.92E-05	0.00E+00	3.16E-08	0.00E+00	7.25E-10	1.17E-06	0.00E+00	0.00E+00	2.92E-05
188	ALL	463156.1	3773719	NonCancer	0.00E+00	9.79E-09	0.00E+00	6.92E-10	6.92E-10	3.27E-07	2.80E-05	0.00E+00	3.02E-08	0.00E+00	6.92E-10	1.12E-06	0.00E+00	0.00E+00	2.80E-05
189	ALL	463142.9	3773725	NonCancer	0.00E+00	9.38E-09	0.00E+00	6.63E-10	6.63E-10	3.13E-07	2.69E-05	0.00E+00	2.89E-08	0.00E+00	6.63E-10	1.07E-06	0.00E+00	0.00E+00	2.69E-05
190	ALL	463129.7	3773731	NonCancer	0.00E+00	8.99E-09	0.00E+00	6.35E-10	6.35E-10	3.00E-07	2.59E-05	0.00E+00	2.77E-08	0.00E+00	6.35E-10	1.03E-06	0.00E+00	0.00E+00	2.59E-05
191	ALL	463116.6	3773737	NonCancer	0.00E+00	8.63E-09	0.00E+00	6.10E-10	6.10E-10	2.88E-07	2.50E-05	0.00E+00	2.66E-08	0.00E+00	6.10E-10	9.85E-07	0.00E+00	0.00E+00	2.50E-05
192	ALL	463103.4	3773743	NonCancer	0.00E+00	8.29E-09	0.00E+00	5.86E-10	5.86E-10	2.76E-07	2.41E-05	0.00E+00	2.55E-08	0.00E+00	5.86E-10	9.46E-07	0.00E+00	0.00E+00	2.41E-05
193	ALL	463090.2	3773749	NonCancer	0.00E+00	7.96E-09	0.00E+00	5.62E-10	5.62E-10	2.65E-07	2.32E-05	0.00E+00	2.45E-08	0.00E+00	5.62E-10	9.09E-07	0.00E+00	0.00E+00	2.32E-05
194	ALL	463077	3773755	NonCancer	0.00E+00	7.64E-09	0.00E+00	5.40E-10	5.40E-10	2.55E-07	2.23E-05	0.00E+00	2.35E-08	0.00E+00	5.40E-10	8.72E-07	0.00E+00	0.00E+00	2.23E-05
195	ALL	463063.8	3773761	NonCancer	0.00E+00	7.33E-09	0.00E+00	5.18E-10	5.18E-10	2.44E-07	2.15E-05	0.00E+00	2.26E-08	0.00E+00	5.18E-10	8.37E-07	0.00E+00	0.00E+00	2.15E-05
196	ALL	463050.6	3773767	NonCancer	0.00E+00	7.03E-09	0.00E+00	4.97E-10	4.97E-10	2.34E-07	2.07E-05	0.00E+00	2.16E-08	0.00E+00	4.97E-10	8.02E-07	0.00E+00	0.00E+00	2.07E-05
197	ALL	463037.4	3773773	NonCancer	0.00E+00	6.75E-09	0.00E+00	4.77E-10	4.77E-10	2.25E-07	1.99E-05	0.00E+00	2.08E-08	0.00E+00	4.77E-10	7.71E-07	0.00E+00	0.00E+00	1.99E-05
198	ALL	463403.4	3773636	NonCancer	0.00E+00	1.17E-07	0.00E+00	8.23E-09	8.23E-09	3.89E-06	2.70E-04	0.00E+00	3.59E-07	0.00E+00	8.23E-09	1.33E-05	0.00E+00	0.00E+00	2.70E-04
199	ALL	463390.3	3773642	NonCancer	0.00E+00	6.39E-08	0.00E+00	4.51E-09	4.51E-09	2.13E-06	1.56E-04	0.00E+00	1.97E-07	0.00E+00	4.51E-09	7.29E-06	0.00E+00	0.00E+00	1.56E-04
200	ALL	463377.2	3773648	NonCancer	0.00E+00	4.53E-08	0.00E+00	3.20E-09	3.20E-09	1.51E-06	1.13E-04	0.00E+00	1.39E-07	0.00E+00	3.20E-09	5.17E-06	0.00E+00	0.00E+00	1.13E-04
201	ALL	463364.2	3773654	NonCancer	0.00E+00	3.56E-08	0.00E+00	2.52E-09	2.52E-09	1.19E-06	9.09E-05	0.00E+00	1.10E-07	0.00E+00	2.52E-09	4.07E-06	0.00E+00	0.00E+00	9.09E-05
202	ALL	463351.1	3773660	NonCancer	0.00E+00	2.96E-08	0.00E+00	2.09E-09	2.09E-09	9.87E-07	7.66E-05	0.00E+00	9.11E-08	0.00E+00	2.09E-09	3.38E-06	0.00E+00	0.00E+00	7.66E-05
203	ALL	463338	3773666	NonCancer	0.00E+00	2.55E-08	0.00E+00	1.80E-09	1.80E-09	8.49E-07	6.67E-05	0.00E+00	7.84E-08	0.00E+00	1.80E-09	2.91E-06	0.00E+00	0.00E+00	6.67E-05
204	ALL	463324.9	3773672	NonCancer	0.00E+00	2.25E-08	0.00E+00	1.59E-09	1.59E-09	7.49E-07	5.94E-05	0.00E+00	6.92E-08	0.00E+00	1.59E-09	2.56E-06	0.00E+00	0.00E+00	5.94E-05
205	ALL	463311.8	3773678	NonCancer	0.00E+00	2.02E-08	0.00E+00	1.43E-09	1.43E-09	6.73E-07	5.39E-05	0.00E+00	6.22E-08	0.00E+00	1.43E-09	2.30E-06	0.00E+00	0.00E+00	5.39E-05
206	ALL	463298.7	3773684	NonCancer	0.00E+00	1.84E-08	0.00E+00	1.30E-09	1.30E-09	6.13E-07	4.94E-05	0.00E+00	5.66E-08	0.00E+00	1.30E-09	2.10E-06	0.00E+00	0.00E+00	4.94E-05
207	ALL	463285.7	3773690	NonCancer	0.00E+00	1.69E-08	0.00E+00	1.19E-09	1.19E-09	5.63E-07	4.57E-05	0.00E+00	5.20E-08	0.00E+00	1.19E-09	1.93E-06	0.00E+00	0.00E+00	4.57E-05
208	ALL	463272.6	3773696	NonCancer	0.00E+00	1.56E-08	0.00E+00	1.10E-09	1.10E-09	5.21E-07	4.25E-05	0.00E+00	4.81E-08	0.00E+00	1.10E-09	1.78E-06	0.00E+00	0.00E+00	4.25E-05
209	ALL	463259.5	3773702	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.03E-09	1.03E-09	4.84E-07	3.98E-05	0.00E+00	4.47E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	3.98E-05
210	ALL	463246.4	3773708	NonCancer	0.00E+00	1.36E-08	0.00E+00	9.60E-10	9.60E-10	4.53E-07	3.74E-05	0.00E+00	4.18E-08	0.00E+00	9.60E-10	1.55E-06	0.00E+00	0.00E+00	3.74E-05
211	ALL	463233.3	3773714	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.02E-10	9.02E-10	4.26E-07	3.53E-05	0.00E+00	3.93E-08	0.00E+00	9.02E-10	1.46E-06	0.00E+00	0.00E+00	3.53E-05
212	ALL	463220.3	3773720	NonCancer	0.00E+00	1.20E-08	0.00E+00	8.51E-10	8.51E-10	4.02E-07	3.35E-05	0.00E+00	3.71E-08	0.00E+00	8.51E-10	1.37E-06	0.00E+00	0.00E+00	3.35E-05
213	ALL	463207.2	3773726	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.06E-10	8.06E-10	3.80E-07	3.19E-05	0.00E+00	3.51E-08	0.00E+00	8.06E-10	1.30E-06	0.00E+00	0.00E+00	3.19E-05
214	ALL	463194.1	3773731	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.66E-10	7.66E-10	3.61E-07	3.04E-05	0.00E+00	3.34E-08	0.00E+00	7.66E-10	1.24E-06	0.00E+00	0.00E+00	3.04E-05

215	ALL	463181	3773737	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.29E-10	7.29E-10	3.44E-07	2.91E-05	0.00E+00	3.18E-08	0.00E+00	7.29E-10	1.18E-06	0.00E+00	0.00E+00	2.91E-05
216	ALL	463167.9	3773743	NonCancer	0.00E+00	9.84E-09	0.00E+00	6.96E-10	6.96E-10	3.28E-07	2.79E-05	0.00E+00	3.03E-08	0.00E+00	6.96E-10	1.12E-06	0.00E+00	0.00E+00	2.79E-05
217	ALL	463154.9	3773749	NonCancer	0.00E+00	9.41E-09	0.00E+00	6.65E-10	6.65E-10	3.14E-07	2.67E-05	0.00E+00	2.90E-08	0.00E+00	6.65E-10	1.07E-06	0.00E+00	0.00E+00	2.67E-05
218	ALL	463141.8	3773755	NonCancer	0.00E+00	9.00E-09	0.00E+00	6.36E-10	6.36E-10	3.00E-07	2.57E-05	0.00E+00	2.77E-08	0.00E+00	6.36E-10	1.03E-06	0.00E+00	0.00E+00	2.57E-05
219	ALL	463128.7	3773761	NonCancer	0.00E+00	8.59E-09	0.00E+00	6.07E-10	6.07E-10	2.87E-07	2.46E-05	0.00E+00	2.65E-08	0.00E+00	6.07E-10	9.81E-07	0.00E+00	0.00E+00	2.46E-05
220	ALL	463115.6	3773767	NonCancer	0.00E+00	8.20E-09	0.00E+00	5.80E-10	5.80E-10	2.74E-07	2.36E-05	0.00E+00	2.53E-08	0.00E+00	5.80E-10	9.36E-07	0.00E+00	0.00E+00	2.36E-05
221	ALL	463102.5	3773773	NonCancer	0.00E+00	7.85E-09	0.00E+00	5.55E-10	5.55E-10	2.62E-07	2.26E-05	0.00E+00	2.42E-08	0.00E+00	5.55E-10	8.96E-07	0.00E+00	0.00E+00	2.26E-05
222	ALL	463089.5	3773779	NonCancer	0.00E+00	7.54E-09	0.00E+00	5.32E-10	5.32E-10	2.51E-07	2.18E-05	0.00E+00	2.32E-08	0.00E+00	5.32E-10	8.60E-07	0.00E+00	0.00E+00	2.18E-05
223	ALL	463076.4	3773785	NonCancer	0.00E+00	7.25E-09	0.00E+00	5.12E-10	5.12E-10	2.42E-07	2.10E-05	0.00E+00	2.23E-08	0.00E+00	5.12E-10	8.28E-07	0.00E+00	0.00E+00	2.10E-05
224	ALL	463063.3	3773791	NonCancer	0.00E+00	6.98E-09	0.00E+00	4.93E-10	4.93E-10	2.33E-07	2.03E-05	0.00E+00	2.15E-08	0.00E+00	4.93E-10	7.97E-07	0.00E+00	0.00E+00	2.03E-05
225	ALL	463050.2	3773797	NonCancer	0.00E+00	6.70E-09	0.00E+00	4.73E-10	4.73E-10	2.23E-07	1.95E-05	0.00E+00	2.06E-08	0.00E+00	4.73E-10	7.64E-07	0.00E+00	0.00E+00	1.95E-05
226	ALL	463037.1	3773803	NonCancer	0.00E+00	6.39E-09	0.00E+00	4.52E-10	4.52E-10	2.13E-07	1.87E-05	0.00E+00	1.97E-08	0.00E+00	4.52E-10	7.30E-07	0.00E+00	0.00E+00	1.87E-05
227	ALL	463440.9	3773615	NonCancer	0.00E+00	7.74E-08	0.00E+00	5.47E-09	5.47E-09	2.58E-06	2.17E-04	0.00E+00	2.38E-07	0.00E+00	5.47E-09	8.83E-06	0.00E+00	0.00E+00	2.17E-04
228	ALL	463452.2	3773643	NonCancer	0.00E+00	5.44E-08	0.00E+00	3.85E-09	3.85E-09	1.82E-06	1.48E-04	0.00E+00	1.68E-07	0.00E+00	3.85E-09	6.21E-06	0.00E+00	0.00E+00	1.48E-04
229	ALL	463439.1	3773649	NonCancer	0.00E+00	8.31E-08	0.00E+00	5.87E-09	5.87E-09	2.77E-06	2.34E-04	0.00E+00	2.56E-07	0.00E+00	5.87E-09	9.48E-06	0.00E+00	0.00E+00	2.34E-04
230	ALL	463399.5	3773667	NonCancer	0.00E+00	9.19E-08	0.00E+00	6.49E-09	6.49E-09	3.06E-06	2.17E-04	0.00E+00	2.83E-07	0.00E+00	6.49E-09	1.05E-05	0.00E+00	0.00E+00	2.17E-04
231	ALL	463386.4	3773673	NonCancer	0.00E+00	5.59E-08	0.00E+00	3.95E-09	3.95E-09	1.87E-06	1.37E-04	0.00E+00	1.72E-07	0.00E+00	3.95E-09	6.38E-06	0.00E+00	0.00E+00	1.37E-04
232	ALL	463373.2	3773679	NonCancer	0.00E+00	4.11E-08	0.00E+00	2.90E-09	2.90E-09	1.37E-06	1.03E-04	0.00E+00	1.26E-07	0.00E+00	2.90E-09	4.69E-06	0.00E+00	0.00E+00	1.03E-04
233	ALL	463360	3773685	NonCancer	0.00E+00	3.28E-08	0.00E+00	2.32E-09	2.32E-09	1.09E-06	8.38E-05	0.00E+00	1.01E-07	0.00E+00	2.32E-09	3.75E-06	0.00E+00	0.00E+00	8.38E-05
234	ALL	463346.9	3773692	NonCancer	0.00E+00	2.76E-08	0.00E+00	1.95E-09	1.95E-09	9.20E-07	7.13E-05	0.00E+00	8.49E-08	0.00E+00	1.95E-09	3.15E-06	0.00E+00	0.00E+00	7.13E-05
235	ALL	463333.7	3773698	NonCancer	0.00E+00	2.39E-08	0.00E+00	1.69E-09	1.69E-09	7.97E-07	6.25E-05	0.00E+00	7.35E-08	0.00E+00	1.69E-09	2.73E-06	0.00E+00	0.00E+00	6.25E-05
236	ALL	463320.5	3773704	NonCancer	0.00E+00	2.11E-08	0.00E+00	1.49E-09	1.49E-09	7.05E-07	5.58E-05	0.00E+00	6.51E-08	0.00E+00	1.49E-09	2.41E-06	0.00E+00	0.00E+00	5.58E-05
237	ALL	463307.4	3773710	NonCancer	0.00E+00	1.90E-08	0.00E+00	1.34E-09	1.34E-09	6.34E-07	5.05E-05	0.00E+00	5.85E-08	0.00E+00	1.34E-09	2.17E-06	0.00E+00	0.00E+00	5.05E-05
238	ALL	463294.2	3773716	NonCancer	0.00E+00	1.73E-08	0.00E+00	1.22E-09	1.22E-09	5.77E-07	4.63E-05	0.00E+00	5.33E-08	0.00E+00	1.22E-09	1.97E-06	0.00E+00	0.00E+00	4.63E-05
239	ALL	463281	3773722	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.12E-09	1.12E-09	5.31E-07	4.29E-05	0.00E+00	4.90E-08	0.00E+00	1.12E-09	1.82E-06	0.00E+00	0.00E+00	4.29E-05
240	ALL	463267.8	3773728	NonCancer	0.00E+00	1.47E-08	0.00E+00	1.04E-09	1.04E-09	4.92E-07	4.00E-05	0.00E+00	4.54E-08	0.00E+00	1.04E-09	1.68E-06	0.00E+00	0.00E+00	4.00E-05
241	ALL	463254.7	3773734	NonCancer	0.00E+00	1.37E-08	0.00E+00	9.71E-10	9.71E-10	4.58E-07	3.75E-05	0.00E+00	4.23E-08	0.00E+00	9.71E-10	1.57E-06	0.00E+00	0.00E+00	3.75E-05
242	ALL	463241.5	3773740	NonCancer	0.00E+00	1.29E-08	0.00E+00	9.10E-10	9.10E-10	4.30E-07	3.53E-05	0.00E+00	3.97E-08	0.00E+00	9.10E-10	1.47E-06	0.00E+00	0.00E+00	3.53E-05
243	ALL	463228.3	3773746	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.56E-10	8.56E-10	4.04E-07	3.34E-05	0.00E+00	3.73E-08	0.00E+00	8.56E-10	1.38E-06	0.00E+00	0.00E+00	3.34E-05
244	ALL	463215.2	3773752	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.07E-10	8.07E-10	3.81E-07	3.16E-05	0.00E+00	3.52E-08	0.00E+00	8.07E-10	1.30E-06	0.00E+00	0.00E+00	3.16E-05
245	ALL	463202	3773758	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.63E-10	7.63E-10	3.60E-07	3.00E-05	0.00E+00	3.32E-08	0.00E+00	7.63E-10	1.23E-06	0.00E+00	0.00E+00	3.00E-05
246	ALL	463188.8	3773764	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.23E-10	7.23E-10	3.41E-07	2.85E-05	0.00E+00	3.15E-08	0.00E+00	7.23E-10	1.17E-06	0.00E+00	0.00E+00	2.85E-05
247	ALL	463175.6	3773770	NonCancer	0.00E+00	9.72E-09	0.00E+00	6.87E-10	6.87E-10	3.24E-07	2.72E-05	0.00E+00	2.99E-08	0.00E+00	6.87E-10	1.11E-06	0.00E+00	0.00E+00	2.72E-05
248	ALL	463162.5	3773776	NonCancer	0.00E+00	9.30E-09	0.00E+00	6.57E-10	6.57E-10	3.10E-07	2.62E-05	0.00E+00	2.86E-08	0.00E+00	6.57E-10	1.06E-06	0.00E+00	0.00E+00	2.62E-05
249	ALL	463149.3	3773782	NonCancer	0.00E+00	8.91E-09	0.00E+00	6.29E-10	6.29E-10	2.97E-07	2.52E-05	0.00E+00	2.74E-08	0.00E+00	6.29E-10	1.02E-06	0.00E+00	0.00E+00	2.52E-05
250	ALL	463136.1	3773788	NonCancer	0.00E+00	8.47E-09	0.00E+00	5.98E-10	5.98E-10	2.82E-07	2.40E-05	0.00E+00	2.61E-08	0.00E+00	5.98E-10	9.67E-07	0.00E+00	0.00E+00	2.40E-05
251	ALL	463123	3773794	NonCancer	0.00E+00	8.08E-09	0.00E+00	5.71E-10	5.71E-10	2.69E-07	2.30E-05	0.00E+00	2.49E-08	0.00E+00	5.71E-10	9.22E-07	0.00E+00	0.00E+00	2.30E-05
252	ALL	463109.8	3773800	NonCancer	0.00E+00	7.74E-09	0.00E+00	5.47E-10	5.47E-10	2.58E-07	2.21E-05	0.00E+00	2.38E-08	0.00E+00	5.47E-10	8.83E-07	0.00E+00	0.00E+00	2.21E-05
253	ALL	463096.6	3773806	NonCancer	0.00E+00	7.43E-09	0.00E+00	5.25E-10	5.25E-10	2.48E-07	2.13E-05	0.00E+00	2.29E-08	0.00E+00	5.25E-10	8.48E-07	0.00E+00	0.00E+00	2.13E-05
254	ALL	463083.4	3773812	NonCancer	0.00E+00	7.11E-09	0.00E+00	5.03E-10	5.03E-10	2.37E-07	2.05E-05	0.00E+00	2.19E-08	0.00E+00	5.03E-10	8.12E-07	0.00E+00	0.00E+00	2.05E-05
255	ALL	463070.3	3773818	NonCancer	0.00E+00	6.81E-09	0.00E+00	4.81E-10	4.81E-10	2.27E-07	1.97E-05	0.00E+00	2.10E-08	0.00E+00	4.81E-10	7.78E-07	0.00E+00	0.00E+00	1.97E-05
256	ALL	463057.1	3773824	NonCancer	0.00E+00	6.53E-09	0.00E+00	4.61E-10	4.61E-10	2.18E-07	1.89E-05	0.00E+00	2.01E-08	0.00E+00	4.61E-10	7.45E-07	0.00E+00	0.00E+00	1.89E-05
257	ALL	463043.9	3773830	NonCancer	0.00E+00	6.26E-09	0.00E+00	4.42E-10	4.42E-10	2.09E-07	1.81E-05	0.00E+00	1.93E-08	0.00E+00	4.42E-10	7.14E-07	0.00E+00	0.00E+00	1.81E-05
258	ALL	463463.6	3773635	NonCancer	0.00E+00	4.30E-08	0.00E+00	3.04E-09	3.04E-09	1.44E-06	1.16E-04	0.00E+00	1.32E-07	0.00E+00	3.04E-09	4.91E-06	0.00E+00	0.00E+00	1.16E-04
259	ALL	463482.6	3773669	NonCancer	0.00E+00	3.23E-08	0.00E+00	2.28E-09	2.28E-09	1.08E-06	8.68E-05	0.00E+00	9.94E-08	0.00E+00	2.28E-09	3.69E-06	0.00E+00	0.00E+00	8.68E-05
260	ALL	463469.5	3773675	NonCancer	0.00E+00	3.87E-08	0.00E+00	2.73E-09	2.73E-09	1.29E-06	1.04E-04	0.00E+00	1.19E-07	0.00E+00	2.73E-09	4.42E-06	0.00E+00	0.00E+00	1.04E-04
261	ALL	463456.4	3773681	NonCancer	0.00E+00	4.92E-08	0.00E+00	3.48E-09	3.48E-09	1.64E-06	1.33E-04	0.00E+00	1.52E-07	0.00E+00	3.48E-09	5.62E-06	0.00E+00	0.00E+00	1.33E-04
262	ALL	463443.3	3773687	NonCancer	0.00E+00	7.07E-08	0.00E+00	4.99E-09	4.99E-09	2.36E-06	1.95E-04	0.00E+00	2.18E-07	0.00E+00	4.99E-09	8.07E-06	0.00E+00	0.00E+00	1.95E-04
263	ALL	463404	3773705	NonCancer	0.00E+00	1.15E-07	0.00E+00	8.15E-09	8.15E-09	3.84E-06	2.67E-04	0.00E+00	3.55E-07	0.00E+00	8.15E-09	1.32E-05	0.00E+00	0.00E+00	2.67E-04
264	ALL	463390.9	3773711	NonCancer	0.00E+00	6.27E-08	0.00E+00	4.43E-09	4.43E-09	2.09E-06	1.52E-04	0.00E+00	1.93E-07	0.00E+00	4.43E-09	7.16E-06	0.00E+00	0.00E+00	1.52E-04
265	ALL	463377.8	3773717	NonCancer	0.00E+00	4.42E-08	0.00E+00	3.12E-09	3.12E-09	1.47E-06	1.10E-04	0.00E+00	1.36E-07	0.00E+00	3.12E-09	5.04E-06	0.00E+00	0.00E+00	1.10E-04
266	ALL	463364.7	3773723	NonCancer	0.00E+00	3.45E-08	0.00E+00	2.44E-09	2.44E-09	1.15E-06	8.74E-05	0.00E+00	1.06E-07	0.00E+00	2.44E-09	3.94E-06	0.00E+00	0.00E+00	8.74E-05
267	ALL	463351.6	3773729	NonCancer	0.00E+00	2.85E-08	0.00E+00	2.02E-09	2.02E-09	9.52E-07	7.32E-05	0.00E+00	8.78E-08	0.00E+00	2.02E-09	3.26E-06	0.00E+00	0.00E+00	7.32E-05
268	ALL	463338.5	3773735	NonCancer	0.00E+00	2.44E-08	0.00E+00	1.73E-09	1.73E-09	8.15E-07	6.33E-05	0.00E+00	7.52E-08	0.00E+00	1.73E-09	2.79E-06	0.00E+00	0.00E+00	6.33E-05

269	ALL	463325.4	3773741	NonCancer	0.00E+00	2.15E-08	0.00E+00	1.52E-09	1.52E-09	7.16E-07	5.61E-05	0.00E+00	6.61E-08	0.00E+00	1.52E-09	2.45E-06	0.00E+00	0.00E+00	5.61E-05
270	ALL	463312.3	3773747	NonCancer	0.00E+00	1.92E-08	0.00E+00	1.36E-09	1.36E-09	6.41E-07	5.06E-05	0.00E+00	5.92E-08	0.00E+00	1.36E-09	2.19E-06	0.00E+00	0.00E+00	5.06E-05
271	ALL	463299.2	3773753	NonCancer	0.00E+00	1.74E-08	0.00E+00	1.23E-09	1.23E-09	5.80E-07	4.61E-05	0.00E+00	5.35E-08	0.00E+00	1.23E-09	1.98E-06	0.00E+00	0.00E+00	4.61E-05
272	ALL	463286.1	3773759	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.12E-09	1.12E-09	5.30E-07	4.24E-05	0.00E+00	4.89E-08	0.00E+00	1.12E-09	1.81E-06	0.00E+00	0.00E+00	4.24E-05
273	ALL	463273	3773765	NonCancer	0.00E+00	1.46E-08	0.00E+00	1.04E-09	1.04E-09	4.89E-07	3.93E-05	0.00E+00	4.51E-08	0.00E+00	1.04E-09	1.67E-06	0.00E+00	0.00E+00	3.93E-05
274	ALL	463259.9	3773771	NonCancer	0.00E+00	1.36E-08	0.00E+00	9.60E-10	9.60E-10	4.53E-07	3.66E-05	0.00E+00	4.18E-08	0.00E+00	9.60E-10	1.55E-06	0.00E+00	0.00E+00	3.66E-05
275	ALL	463246.8	3773777	NonCancer	0.00E+00	1.27E-08	0.00E+00	8.94E-10	8.94E-10	4.22E-07	3.43E-05	0.00E+00	3.90E-08	0.00E+00	8.94E-10	1.44E-06	0.00E+00	0.00E+00	3.43E-05
276	ALL	463233.7	3773783	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.39E-10	8.39E-10	3.96E-07	3.23E-05	0.00E+00	3.66E-08	0.00E+00	8.39E-10	1.36E-06	0.00E+00	0.00E+00	3.23E-05
277	ALL	463220.6	3773789	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.90E-10	7.90E-10	3.73E-07	3.06E-05	0.00E+00	3.44E-08	0.00E+00	7.90E-10	1.28E-06	0.00E+00	0.00E+00	3.06E-05
278	ALL	463207.5	3773795	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.46E-10	7.46E-10	3.52E-07	2.90E-05	0.00E+00	3.25E-08	0.00E+00	7.46E-10	1.21E-06	0.00E+00	0.00E+00	2.90E-05
279	ALL	463194.4	3773801	NonCancer	0.00E+00	1.00E-08	0.00E+00	7.07E-10	7.07E-10	3.34E-07	2.76E-05	0.00E+00	3.08E-08	0.00E+00	7.07E-10	1.14E-06	0.00E+00	0.00E+00	2.76E-05
280	ALL	463181.3	3773807	NonCancer	0.00E+00	9.50E-09	0.00E+00	6.71E-10	6.71E-10	3.17E-07	2.63E-05	0.00E+00	2.92E-08	0.00E+00	6.71E-10	1.08E-06	0.00E+00	0.00E+00	2.63E-05
281	ALL	463168.2	3773813	NonCancer	0.00E+00	9.01E-09	0.00E+00	6.37E-10	6.37E-10	3.00E-07	2.51E-05	0.00E+00	2.77E-08	0.00E+00	6.37E-10	1.03E-06	0.00E+00	0.00E+00	2.51E-05
282	ALL	463155.1	3773819	NonCancer	0.00E+00	8.56E-09	0.00E+00	6.05E-10	6.05E-10	2.86E-07	2.39E-05	0.00E+00	2.64E-08	0.00E+00	6.05E-10	9.77E-07	0.00E+00	0.00E+00	2.39E-05
283	ALL	463142	3773825	NonCancer	0.00E+00	8.15E-09	0.00E+00	5.76E-10	5.76E-10	2.72E-07	2.29E-05	0.00E+00	2.51E-08	0.00E+00	5.76E-10	9.30E-07	0.00E+00	0.00E+00	2.29E-05
284	ALL	463128.9	3773831	NonCancer	0.00E+00	7.77E-09	0.00E+00	5.49E-10	5.49E-10	2.59E-07	2.19E-05	0.00E+00	2.39E-08	0.00E+00	5.49E-10	8.87E-07	0.00E+00	0.00E+00	2.19E-05
285	ALL	463115.8	3773837	NonCancer	0.00E+00	7.42E-09	0.00E+00	5.24E-10	5.24E-10	2.47E-07	2.10E-05	0.00E+00	2.28E-08	0.00E+00	5.24E-10	8.47E-07	0.00E+00	0.00E+00	2.10E-05
286	ALL	463102.7	3773843	NonCancer	0.00E+00	7.11E-09	0.00E+00	5.02E-10	5.02E-10	2.37E-07	2.02E-05	0.00E+00	2.19E-08	0.00E+00	5.02E-10	8.12E-07	0.00E+00	0.00E+00	2.02E-05
287	ALL	463089.6	3773849	NonCancer	0.00E+00	6.83E-09	0.00E+00	4.82E-10	4.82E-10	2.28E-07	1.94E-05	0.00E+00	2.10E-08	0.00E+00	4.82E-10	7.79E-07	0.00E+00	0.00E+00	1.94E-05
288	ALL	463076.5	3773855	NonCancer	0.00E+00	6.56E-09	0.00E+00	4.63E-10	4.63E-10	2.19E-07	1.87E-05	0.00E+00	2.02E-08	0.00E+00	4.63E-10	7.49E-07	0.00E+00	0.00E+00	1.87E-05
289	ALL	463063.4	3773861	NonCancer	0.00E+00	6.31E-09	0.00E+00	4.46E-10	4.46E-10	2.10E-07	1.81E-05	0.00E+00	1.94E-08	0.00E+00	4.46E-10	7.20E-07	0.00E+00	0.00E+00	1.81E-05
290	ALL	463050.3	3773867	NonCancer	0.00E+00	6.03E-09	0.00E+00	4.26E-10	4.26E-10	2.01E-07	1.73E-05	0.00E+00	1.86E-08	0.00E+00	4.26E-10	6.89E-07	0.00E+00	0.00E+00	1.73E-05
291	ALL	463037.2	3773873	NonCancer	0.00E+00	5.77E-09	0.00E+00	4.07E-10	4.07E-10	1.92E-07	1.66E-05	0.00E+00	1.78E-08	0.00E+00	4.07E-10	6.58E-07	0.00E+00	0.00E+00	1.66E-05
292	ALL	463493.9	3773661	NonCancer	0.00E+00	2.85E-08	0.00E+00	2.01E-09	2.01E-09	9.50E-07	7.68E-05	0.00E+00	8.77E-08	0.00E+00	2.01E-09	3.25E-06	0.00E+00	0.00E+00	7.68E-05
293	ALL	463512.8	3773695	NonCancer	0.00E+00	2.35E-08	0.00E+00	1.66E-09	1.66E-09	7.85E-07	6.35E-05	0.00E+00	7.25E-08	0.00E+00	1.66E-09	2.69E-06	0.00E+00	0.00E+00	6.35E-05
294	ALL	463499.6	3773702	NonCancer	0.00E+00	2.65E-08	0.00E+00	1.87E-09	1.87E-09	8.84E-07	7.12E-05	0.00E+00	8.17E-08	0.00E+00	1.87E-09	3.03E-06	0.00E+00	0.00E+00	7.12E-05
295	ALL	463486.4	3773708	NonCancer	0.00E+00	3.05E-08	0.00E+00	2.16E-09	2.16E-09	1.02E-06	8.18E-05	0.00E+00	9.40E-08	0.00E+00	2.16E-09	3.49E-06	0.00E+00	0.00E+00	8.18E-05
296	ALL	463473.2	3773714	NonCancer	0.00E+00	3.63E-08	0.00E+00	2.57E-09	2.57E-09	1.21E-06	9.72E-05	0.00E+00	1.12E-07	0.00E+00	2.57E-09	4.15E-06	0.00E+00	0.00E+00	9.72E-05
297	ALL	463460	3773720	NonCancer	0.00E+00	4.56E-08	0.00E+00	3.22E-09	3.22E-09	1.52E-06	1.22E-04	0.00E+00	1.41E-07	0.00E+00	3.22E-09	5.21E-06	0.00E+00	0.00E+00	1.22E-04
298	ALL	463446.8	3773726	NonCancer	0.00E+00	6.35E-08	0.00E+00	4.49E-09	4.49E-09	2.12E-06	1.73E-04	0.00E+00	1.95E-07	0.00E+00	4.49E-09	7.25E-06	0.00E+00	0.00E+00	1.73E-04
299	ALL	463407.2	3773744	NonCancer	0.00E+00	1.39E-07	0.00E+00	9.81E-09	9.81E-09	4.63E-06	3.17E-04	0.00E+00	4.28E-07	0.00E+00	9.81E-09	1.58E-05	0.00E+00	0.00E+00	3.17E-04
300	ALL	463394	3773750	NonCancer	0.00E+00	6.80E-08	0.00E+00	4.80E-09	4.80E-09	2.27E-06	1.64E-04	0.00E+00	2.09E-07	0.00E+00	4.80E-09	7.76E-06	0.00E+00	0.00E+00	1.64E-04
301	ALL	463380.8	3773756	NonCancer	0.00E+00	4.62E-08	0.00E+00	3.26E-09	3.26E-09	1.54E-06	1.14E-04	0.00E+00	1.42E-07	0.00E+00	3.26E-09	5.27E-06	0.00E+00	0.00E+00	1.14E-04
302	ALL	463367.5	3773762	NonCancer	0.00E+00	3.54E-08	0.00E+00	2.50E-09	2.50E-09	1.18E-06	8.91E-05	0.00E+00	1.09E-07	0.00E+00	2.50E-09	4.04E-06	0.00E+00	0.00E+00	8.91E-05
303	ALL	463354.3	3773768	NonCancer	0.00E+00	2.89E-08	0.00E+00	2.04E-09	2.04E-09	9.65E-07	7.38E-05	0.00E+00	8.91E-08	0.00E+00	2.04E-09	3.30E-06	0.00E+00	0.00E+00	7.38E-05
304	ALL	463341.1	3773774	NonCancer	0.00E+00	2.46E-08	0.00E+00	1.74E-09	1.74E-09	8.21E-07	6.34E-05	0.00E+00	7.58E-08	0.00E+00	1.74E-09	2.81E-06	0.00E+00	0.00E+00	6.34E-05
305	ALL	463327.9	3773780	NonCancer	0.00E+00	2.15E-08	0.00E+00	1.52E-09	1.52E-09	7.17E-07	5.58E-05	0.00E+00	6.62E-08	0.00E+00	1.52E-09	2.45E-06	0.00E+00	0.00E+00	5.58E-05
306	ALL	463314.7	3773786	NonCancer	0.00E+00	1.91E-08	0.00E+00	1.35E-09	1.35E-09	6.36E-07	4.99E-05	0.00E+00	5.87E-08	0.00E+00	1.35E-09	2.18E-06	0.00E+00	0.00E+00	4.99E-05
307	ALL	463301.5	3773792	NonCancer	0.00E+00	1.72E-08	0.00E+00	1.21E-09	1.21E-09	5.72E-07	4.52E-05	0.00E+00	5.28E-08	0.00E+00	1.21E-09	1.96E-06	0.00E+00	0.00E+00	4.52E-05
308	ALL	463288.3	3773798	NonCancer	0.00E+00	1.56E-08	0.00E+00	1.11E-09	1.11E-09	5.22E-07	4.14E-05	0.00E+00	4.82E-08	0.00E+00	1.11E-09	1.79E-06	0.00E+00	0.00E+00	4.14E-05
309	ALL	463275.1	3773804	NonCancer	0.00E+00	1.44E-08	0.00E+00	1.02E-09	1.02E-09	4.80E-07	3.83E-05	0.00E+00	4.43E-08	0.00E+00	1.02E-09	1.64E-06	0.00E+00	0.00E+00	3.83E-05
310	ALL	463261.9	3773810	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.41E-10	9.41E-10	4.44E-07	3.57E-05	0.00E+00	4.10E-08	0.00E+00	9.41E-10	1.52E-06	0.00E+00	0.00E+00	3.57E-05
311	ALL	463248.7	3773816	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.74E-10	8.74E-10	4.13E-07	3.33E-05	0.00E+00	3.81E-08	0.00E+00	8.74E-10	1.41E-06	0.00E+00	0.00E+00	3.33E-05
312	ALL	463235.5	3773823	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.15E-10	8.15E-10	3.85E-07	3.12E-05	0.00E+00	3.55E-08	0.00E+00	8.15E-10	1.32E-06	0.00E+00	0.00E+00	3.12E-05
313	ALL	463222.3	3773829	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.63E-10	7.63E-10	3.60E-07	2.93E-05	0.00E+00	3.32E-08	0.00E+00	7.63E-10	1.23E-06	0.00E+00	0.00E+00	2.93E-05
314	ALL	463209.1	3773835	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.17E-10	7.17E-10	3.38E-07	2.77E-05	0.00E+00	3.12E-08	0.00E+00	7.17E-10	1.16E-06	0.00E+00	0.00E+00	2.77E-05
315	ALL	463195.9	3773841	NonCancer	0.00E+00	9.58E-09	0.00E+00	6.77E-10	6.77E-10	3.20E-07	2.62E-05	0.00E+00	2.95E-08	0.00E+00	6.77E-10	1.09E-06	0.00E+00	0.00E+00	2.62E-05
316	ALL	463182.7	3773847	NonCancer	0.00E+00	9.08E-09	0.00E+00	6.41E-10	6.41E-10	3.03E-07	2.50E-05	0.00E+00	2.79E-08	0.00E+00	6.41E-10	1.04E-06	0.00E+00	0.00E+00	2.50E-05
317	ALL	463169.5	3773853	NonCancer	0.00E+00	8.62E-09	0.00E+00	6.09E-10	6.09E-10	2.87E-07	2.38E-05	0.00E+00	2.65E-08	0.00E+00	6.09E-10	9.84E-07	0.00E+00	0.00E+00	2.38E-05
318	ALL	463156.3	3773859	NonCancer	0.00E+00	8.20E-09	0.00E+00	5.79E-10	5.79E-10	2.73E-07	2.27E-05	0.00E+00	2.52E-08	0.00E+00	5.79E-10	9.36E-07	0.00E+00	0.00E+00	2.27E-05
319	ALL	463143.1	3773865	NonCancer	0.00E+00	7.82E-09	0.00E+00	5.52E-10	5.52E-10	2.61E-07	2.18E-05	0.00E+00	2.41E-08	0.00E+00	5.52E-10	8.92E-07	0.00E+00	0.00E+00	2.18E-05
320	ALL	463129.9	3773871	NonCancer	0.00E+00	7.45E-09	0.00E+00	5.26E-10	5.26E-10	2.48E-07	2.08E-05	0.00E+00	2.29E-08	0.00E+00	5.26E-10	8.50E-07	0.00E+00	0.00E+00	2.08E-05
321	ALL	463524.2	3773687	NonCancer	0.00E+00	2.16E-08	0.00E+00	1.52E-09	1.52E-09	7.19E-07	5.84E-05	0.00E+00	6.64E-08	0.00E+00	1.52E-09	2.46E-06	0.00E+00	0.00E+00	5.84E-05
322	ALL	463543.1	3773722	NonCancer	0.00E+00	1.86E-08	0.00E+00	1.31E-09	1.31E-09	6.20E-07	5.05E-05	0.00E+00	5.73E-08	0.00E+00	1.31E-09	2.12E-06	0.00E+00	0.00E+00	5.05E-05

323	ALL	463530	3773728	NonCancer	0.00E+00	2.03E-08	0.00E+00	1.44E-09	1.44E-09	6.78E-07	5.49E-05	0.00E+00	6.26E-08	0.00E+00	1.44E-09	2.32E-06	0.00E+00	0.00E+00	5.49E-05
324	ALL	463516.8	3773734	NonCancer	0.00E+00	2.25E-08	0.00E+00	1.59E-09	1.59E-09	7.49E-07	6.03E-05	0.00E+00	6.91E-08	0.00E+00	1.59E-09	2.56E-06	0.00E+00	0.00E+00	6.03E-05
325	ALL	463503.7	3773740	NonCancer	0.00E+00	2.52E-08	0.00E+00	1.78E-09	1.78E-09	8.40E-07	6.74E-05	0.00E+00	7.76E-08	0.00E+00	1.78E-09	2.88E-06	0.00E+00	0.00E+00	6.74E-05
326	ALL	463490.6	3773746	NonCancer	0.00E+00	2.89E-08	0.00E+00	2.04E-09	2.04E-09	9.62E-07	7.69E-05	0.00E+00	8.89E-08	0.00E+00	2.04E-09	3.29E-06	0.00E+00	0.00E+00	7.69E-05
327	ALL	463477.4	3773752	NonCancer	0.00E+00	3.40E-08	0.00E+00	2.40E-09	2.40E-09	1.13E-06	9.05E-05	0.00E+00	1.05E-07	0.00E+00	2.40E-09	3.88E-06	0.00E+00	0.00E+00	9.05E-05
328	ALL	463464.3	3773758	NonCancer	0.00E+00	4.20E-08	0.00E+00	2.97E-09	2.97E-09	1.40E-06	1.12E-04	0.00E+00	1.29E-07	0.00E+00	2.97E-09	4.79E-06	0.00E+00	0.00E+00	1.12E-04
329	ALL	463451.2	3773764	NonCancer	0.00E+00	5.63E-08	0.00E+00	3.98E-09	3.98E-09	1.88E-06	1.52E-04	0.00E+00	1.73E-07	0.00E+00	3.98E-09	6.43E-06	0.00E+00	0.00E+00	1.52E-04
330	ALL	463398.6	3773788	NonCancer	0.00E+00	7.94E-08	0.00E+00	5.61E-09	5.61E-09	2.65E-06	1.90E-04	0.00E+00	2.45E-07	0.00E+00	5.61E-09	9.07E-06	0.00E+00	0.00E+00	1.90E-04
331	ALL	463385.5	3773794	NonCancer	0.00E+00	5.07E-08	0.00E+00	3.58E-09	3.58E-09	1.69E-06	1.25E-04	0.00E+00	1.56E-07	0.00E+00	3.58E-09	5.79E-06	0.00E+00	0.00E+00	1.25E-04
332	ALL	463372.3	3773800	NonCancer	0.00E+00	3.78E-08	0.00E+00	2.67E-09	2.67E-09	1.26E-06	9.45E-05	0.00E+00	1.16E-07	0.00E+00	2.67E-09	4.31E-06	0.00E+00	0.00E+00	9.45E-05
333	ALL	463359.2	3773806	NonCancer	0.00E+00	3.04E-08	0.00E+00	2.15E-09	2.15E-09	1.01E-06	7.69E-05	0.00E+00	9.35E-08	0.00E+00	2.15E-09	3.47E-06	0.00E+00	0.00E+00	7.69E-05
334	ALL	463346	3773812	NonCancer	0.00E+00	2.55E-08	0.00E+00	1.80E-09	1.80E-09	8.50E-07	6.51E-05	0.00E+00	7.84E-08	0.00E+00	1.80E-09	2.91E-06	0.00E+00	0.00E+00	6.51E-05
335	ALL	463332.9	3773818	NonCancer	0.00E+00	2.20E-08	0.00E+00	1.55E-09	1.55E-09	7.34E-07	5.67E-05	0.00E+00	6.77E-08	0.00E+00	1.55E-09	2.51E-06	0.00E+00	0.00E+00	5.67E-05
336	ALL	463319.8	3773824	NonCancer	0.00E+00	1.94E-08	0.00E+00	1.37E-09	1.37E-09	6.48E-07	5.05E-05	0.00E+00	5.99E-08	0.00E+00	1.37E-09	2.22E-06	0.00E+00	0.00E+00	5.05E-05
337	ALL	463306.6	3773830	NonCancer	0.00E+00	1.74E-08	0.00E+00	1.23E-09	1.23E-09	5.82E-07	4.56E-05	0.00E+00	5.37E-08	0.00E+00	1.23E-09	1.99E-06	0.00E+00	0.00E+00	4.56E-05
338	ALL	463293.5	3773836	NonCancer	0.00E+00	1.58E-08	0.00E+00	1.12E-09	1.12E-09	5.28E-07	4.16E-05	0.00E+00	4.87E-08	0.00E+00	1.12E-09	1.81E-06	0.00E+00	0.00E+00	4.16E-05
339	ALL	463280.3	3773842	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.02E-09	1.02E-09	4.83E-07	3.82E-05	0.00E+00	4.46E-08	0.00E+00	1.02E-09	1.65E-06	0.00E+00	0.00E+00	3.82E-05
340	ALL	463267.2	3773848	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.41E-10	9.41E-10	4.44E-07	3.54E-05	0.00E+00	4.10E-08	0.00E+00	9.41E-10	1.52E-06	0.00E+00	0.00E+00	3.54E-05
341	ALL	463254.1	3773854	NonCancer	0.00E+00	1.23E-08	0.00E+00	8.70E-10	8.70E-10	4.10E-07	3.28E-05	0.00E+00	3.79E-08	0.00E+00	8.70E-10	1.40E-06	0.00E+00	0.00E+00	3.28E-05
342	ALL	463240.9	3773860	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.09E-10	8.09E-10	3.82E-07	3.07E-05	0.00E+00	3.52E-08	0.00E+00	8.09E-10	1.31E-06	0.00E+00	0.00E+00	3.07E-05
343	ALL	463227.8	3773866	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.57E-10	7.57E-10	3.57E-07	2.89E-05	0.00E+00	3.30E-08	0.00E+00	7.57E-10	1.22E-06	0.00E+00	0.00E+00	2.89E-05
344	ALL	463554.5	3773713	NonCancer	0.00E+00	1.74E-08	0.00E+00	1.23E-09	1.23E-09	5.80E-07	4.74E-05	0.00E+00	5.35E-08	0.00E+00	1.23E-09	1.98E-06	0.00E+00	0.00E+00	4.74E-05
345	ALL	463573.4	3773748	NonCancer	0.00E+00	1.54E-08	0.00E+00	1.09E-09	1.09E-09	5.12E-07	4.19E-05	0.00E+00	4.73E-08	0.00E+00	1.09E-09	1.75E-06	0.00E+00	0.00E+00	4.19E-05
346	ALL	463560.1	3773754	NonCancer	0.00E+00	1.65E-08	0.00E+00	1.17E-09	1.17E-09	5.50E-07	4.48E-05	0.00E+00	5.08E-08	0.00E+00	1.17E-09	1.88E-06	0.00E+00	0.00E+00	4.48E-05
347	ALL	463546.9	3773760	NonCancer	0.00E+00	1.79E-08	0.00E+00	1.26E-09	1.26E-09	5.95E-07	4.82E-05	0.00E+00	5.50E-08	0.00E+00	1.26E-09	2.04E-06	0.00E+00	0.00E+00	4.82E-05
348	ALL	463533.7	3773766	NonCancer	0.00E+00	1.95E-08	0.00E+00	1.38E-09	1.38E-09	6.50E-07	5.24E-05	0.00E+00	6.00E-08	0.00E+00	1.38E-09	2.23E-06	0.00E+00	0.00E+00	5.24E-05
349	ALL	463520.4	3773772	NonCancer	0.00E+00	2.15E-08	0.00E+00	1.52E-09	1.52E-09	7.19E-07	5.77E-05	0.00E+00	6.63E-08	0.00E+00	1.52E-09	2.46E-06	0.00E+00	0.00E+00	5.77E-05
350	ALL	463507.2	3773778	NonCancer	0.00E+00	2.42E-08	0.00E+00	1.71E-09	1.71E-09	8.06E-07	6.44E-05	0.00E+00	7.44E-08	0.00E+00	1.71E-09	2.76E-06	0.00E+00	0.00E+00	6.44E-05
351	ALL	463494	3773784	NonCancer	0.00E+00	2.76E-08	0.00E+00	1.95E-09	1.95E-09	9.20E-07	7.33E-05	0.00E+00	8.50E-08	0.00E+00	1.95E-09	3.15E-06	0.00E+00	0.00E+00	7.33E-05
352	ALL	463480.8	3773790	NonCancer	0.00E+00	3.24E-08	0.00E+00	2.29E-09	2.29E-09	1.08E-06	8.58E-05	0.00E+00	9.98E-08	0.00E+00	2.29E-09	3.70E-06	0.00E+00	0.00E+00	8.58E-05
353	ALL	463467.5	3773796	NonCancer	0.00E+00	3.97E-08	0.00E+00	2.80E-09	2.80E-09	1.32E-06	1.05E-04	0.00E+00	1.22E-07	0.00E+00	2.80E-09	4.53E-06	0.00E+00	0.00E+00	1.05E-04
354	ALL	463454.3	3773802	NonCancer	0.00E+00	5.23E-08	0.00E+00	3.70E-09	3.70E-09	1.74E-06	1.40E-04	0.00E+00	1.61E-07	0.00E+00	3.70E-09	5.97E-06	0.00E+00	0.00E+00	1.40E-04
355	ALL	463441.1	3773808	NonCancer	0.00E+00	8.02E-08	0.00E+00	5.67E-09	5.67E-09	2.67E-06	2.20E-04	0.00E+00	2.47E-07	0.00E+00	5.67E-09	9.15E-06	0.00E+00	0.00E+00	2.20E-04
356	ALL	463401.4	3773827	NonCancer	0.00E+00	8.74E-08	0.00E+00	6.18E-09	6.18E-09	2.91E-06	2.07E-04	0.00E+00	2.69E-07	0.00E+00	6.18E-09	9.98E-06	0.00E+00	0.00E+00	2.07E-04
357	ALL	463388.1	3773833	NonCancer	0.00E+00	5.32E-08	0.00E+00	3.76E-09	3.76E-09	1.78E-06	1.30E-04	0.00E+00	1.64E-07	0.00E+00	3.76E-09	6.08E-06	0.00E+00	0.00E+00	1.30E-04
358	ALL	463374.9	3773839	NonCancer	0.00E+00	3.89E-08	0.00E+00	2.75E-09	2.75E-09	1.30E-06	9.68E-05	0.00E+00	1.20E-07	0.00E+00	2.75E-09	4.44E-06	0.00E+00	0.00E+00	9.68E-05
359	ALL	463361.7	3773845	NonCancer	0.00E+00	3.09E-08	0.00E+00	2.18E-09	2.18E-09	1.03E-06	7.78E-05	0.00E+00	9.50E-08	0.00E+00	2.18E-09	3.52E-06	0.00E+00	0.00E+00	7.78E-05
360	ALL	463348.4	3773851	NonCancer	0.00E+00	2.57E-08	0.00E+00	1.82E-09	1.82E-09	8.58E-07	6.54E-05	0.00E+00	7.92E-08	0.00E+00	1.82E-09	2.94E-06	0.00E+00	0.00E+00	6.54E-05
361	ALL	463335.2	3773857	NonCancer	0.00E+00	2.21E-08	0.00E+00	1.56E-09	1.56E-09	7.38E-07	5.68E-05	0.00E+00	6.81E-08	0.00E+00	1.56E-09	2.53E-06	0.00E+00	0.00E+00	5.68E-05
362	ALL	463322	3773863	NonCancer	0.00E+00	1.94E-08	0.00E+00	1.37E-09	1.37E-09	6.48E-07	5.02E-05	0.00E+00	5.98E-08	0.00E+00	1.37E-09	2.22E-06	0.00E+00	0.00E+00	5.02E-05
363	ALL	463308.7	3773869	NonCancer	0.00E+00	1.73E-08	0.00E+00	1.22E-09	1.22E-09	5.76E-07	4.49E-05	0.00E+00	5.32E-08	0.00E+00	1.22E-09	1.97E-06	0.00E+00	0.00E+00	4.49E-05
364	ALL	463584.7	3773739	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.03E-09	1.03E-09	4.85E-07	3.99E-05	0.00E+00	4.48E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	3.99E-05
365	ALL	463603.7	3773774	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.21E-10	9.21E-10	4.35E-07	3.58E-05	0.00E+00	4.01E-08	0.00E+00	9.21E-10	1.49E-06	0.00E+00	0.00E+00	3.58E-05
366	ALL	463590.5	3773780	NonCancer	0.00E+00	1.38E-08	0.00E+00	9.77E-10	9.77E-10	4.61E-07	3.78E-05	0.00E+00	4.26E-08	0.00E+00	9.77E-10	1.58E-06	0.00E+00	0.00E+00	3.78E-05
367	ALL	463577.4	3773786	NonCancer	0.00E+00	1.48E-08	0.00E+00	1.04E-09	1.04E-09	4.92E-07	4.01E-05	0.00E+00	4.54E-08	0.00E+00	1.04E-09	1.68E-06	0.00E+00	0.00E+00	4.01E-05
368	ALL	463564.2	3773792	NonCancer	0.00E+00	1.58E-08	0.00E+00	1.12E-09	1.12E-09	5.28E-07	4.28E-05	0.00E+00	4.88E-08	0.00E+00	1.12E-09	1.81E-06	0.00E+00	0.00E+00	4.28E-05
369	ALL	463551	3773798	NonCancer	0.00E+00	1.71E-08	0.00E+00	1.21E-09	1.21E-09	5.71E-07	4.61E-05	0.00E+00	5.27E-08	0.00E+00	1.21E-09	1.95E-06	0.00E+00	0.00E+00	4.61E-05
370	ALL	463537.8	3773804	NonCancer	0.00E+00	1.87E-08	0.00E+00	1.32E-09	1.32E-09	6.22E-07	5.00E-05	0.00E+00	5.74E-08	0.00E+00	1.32E-09	2.13E-06	0.00E+00	0.00E+00	5.00E-05
371	ALL	463524.7	3773810	NonCancer	0.00E+00	2.06E-08	0.00E+00	1.45E-09	1.45E-09	6.86E-07	5.48E-05	0.00E+00	6.33E-08	0.00E+00	1.45E-09	2.35E-06	0.00E+00	0.00E+00	5.48E-05
372	ALL	463511.5	3773816	NonCancer	0.00E+00	2.30E-08	0.00E+00	1.62E-09	1.62E-09	7.66E-07	6.10E-05	0.00E+00	7.07E-08	0.00E+00	1.62E-09	2.62E-06	0.00E+00	0.00E+00	6.10E-05
373	ALL	463498.3	3773822	NonCancer	0.00E+00	2.61E-08	0.00E+00	1.84E-09	1.84E-09	8.70E-07	6.91E-05	0.00E+00	8.04E-08	0.00E+00	1.84E-09	2.98E-06	0.00E+00	0.00E+00	6.91E-05
374	ALL	463485.2	3773828	NonCancer	0.00E+00	3.04E-08	0.00E+00	2.15E-09	2.15E-09	1.01E-06	8.03E-05	0.00E+00	9.37E-08	0.00E+00	2.15E-09	3.47E-06	0.00E+00	0.00E+00	8.03E-05
375	ALL	463472	3773834	NonCancer	0.00E+00	3.68E-08	0.00E+00	2.60E-09	2.60E-09	1.23E-06	9.70E-05	0.00E+00	1.13E-07	0.00E+00	2.60E-09	4.20E-06	0.00E+00	0.00E+00	9.70E-05
376	ALL	463458.8	3773840	NonCancer	0.00E+00	4.72E-08	0.00E+00	3.33E-09	3.33E-09	1.57E-06	1.25E-04	0.00E+00	1.45E-07	0.00E+00	3.33E-09	5.39E-06	0.00E+00	0.00E+00	1.25E-04

377	ALL	463445.6	3773846	NonCancer	0.00E+00	6.82E-08	0.00E+00	4.82E-09	4.82E-09	2.27E-06	1.84E-04	0.00E+00	2.10E-07	0.00E+00	4.82E-09	7.78E-06	0.00E+00	0.00E+00	1.84E-04
378	ALL	463406.1	3773864	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.81E-09	7.81E-09	3.68E-06	2.58E-04	0.00E+00	3.40E-07	0.00E+00	7.81E-09	1.26E-05	0.00E+00	0.00E+00	2.58E-04
379	ALL	463615	3773765	NonCancer	0.00E+00	1.25E-08	0.00E+00	8.80E-10	8.80E-10	4.15E-07	3.43E-05	0.00E+00	3.83E-08	0.00E+00	8.80E-10	1.42E-06	0.00E+00	0.00E+00	3.43E-05
380	ALL	463633.9	3773800	NonCancer	0.00E+00	1.13E-08	0.00E+00	7.97E-10	7.97E-10	3.76E-07	3.11E-05	0.00E+00	3.47E-08	0.00E+00	7.97E-10	1.29E-06	0.00E+00	0.00E+00	3.11E-05
381	ALL	463620.7	3773806	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.39E-10	8.39E-10	3.96E-07	3.26E-05	0.00E+00	3.66E-08	0.00E+00	8.39E-10	1.36E-06	0.00E+00	0.00E+00	3.26E-05
382	ALL	463607.4	3773812	NonCancer	0.00E+00	1.25E-08	0.00E+00	8.86E-10	8.86E-10	4.18E-07	3.43E-05	0.00E+00	3.86E-08	0.00E+00	8.86E-10	1.43E-06	0.00E+00	0.00E+00	3.43E-05
383	ALL	463594.2	3773818	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.41E-10	9.41E-10	4.44E-07	3.62E-05	0.00E+00	4.10E-08	0.00E+00	9.41E-10	1.52E-06	0.00E+00	0.00E+00	3.62E-05
384	ALL	463580.9	3773824	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.73E-07	3.84E-05	0.00E+00	4.37E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	3.84E-05
385	ALL	463567.7	3773830	NonCancer	0.00E+00	1.52E-08	0.00E+00	1.08E-09	1.08E-09	5.08E-07	4.10E-05	0.00E+00	4.69E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	4.10E-05
386	ALL	463554.4	3773836	NonCancer	0.00E+00	1.65E-08	0.00E+00	1.16E-09	1.16E-09	5.49E-07	4.41E-05	0.00E+00	5.07E-08	0.00E+00	1.16E-09	1.88E-06	0.00E+00	0.00E+00	4.41E-05
387	ALL	463541.2	3773842	NonCancer	0.00E+00	1.79E-08	0.00E+00	1.27E-09	1.27E-09	5.98E-07	4.79E-05	0.00E+00	5.52E-08	0.00E+00	1.27E-09	2.05E-06	0.00E+00	0.00E+00	4.79E-05
388	ALL	463527.9	3773849	NonCancer	0.00E+00	1.98E-08	0.00E+00	1.40E-09	1.40E-09	6.59E-07	5.25E-05	0.00E+00	6.08E-08	0.00E+00	1.40E-09	2.25E-06	0.00E+00	0.00E+00	5.25E-05
389	ALL	463514.7	3773855	NonCancer	0.00E+00	2.20E-08	0.00E+00	1.56E-09	1.56E-09	7.35E-07	5.83E-05	0.00E+00	6.78E-08	0.00E+00	1.56E-09	2.52E-06	0.00E+00	0.00E+00	5.83E-05
390	ALL	463501.4	3773861	NonCancer	0.00E+00	2.50E-08	0.00E+00	1.77E-09	1.77E-09	8.34E-07	6.60E-05	0.00E+00	7.70E-08	0.00E+00	1.77E-09	2.85E-06	0.00E+00	0.00E+00	6.60E-05
391	ALL	463488.2	3773867	NonCancer	0.00E+00	2.90E-08	0.00E+00	2.05E-09	2.05E-09	9.68E-07	7.64E-05	0.00E+00	8.94E-08	0.00E+00	2.05E-09	3.31E-06	0.00E+00	0.00E+00	7.64E-05
392	ALL	463474.9	3773873	NonCancer	0.00E+00	3.49E-08	0.00E+00	2.46E-09	2.46E-09	1.16E-06	9.17E-05	0.00E+00	1.07E-07	0.00E+00	2.46E-09	3.98E-06	0.00E+00	0.00E+00	9.17E-05
393	ALL	463461.7	3773879	NonCancer	0.00E+00	4.42E-08	0.00E+00	3.12E-09	3.12E-09	1.47E-06	1.17E-04	0.00E+00	1.36E-07	0.00E+00	3.12E-09	5.05E-06	0.00E+00	0.00E+00	1.17E-04
394	ALL	463448.4	3773885	NonCancer	0.00E+00	6.22E-08	0.00E+00	4.39E-09	4.39E-09	2.07E-06	1.67E-04	0.00E+00	1.91E-07	0.00E+00	4.39E-09	7.10E-06	0.00E+00	0.00E+00	1.67E-04
395	ALL	463645.3	3773791	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.66E-10	7.66E-10	3.61E-07	3.00E-05	0.00E+00	3.34E-08	0.00E+00	7.66E-10	1.24E-06	0.00E+00	0.00E+00	3.00E-05
396	ALL	463664.3	3773826	NonCancer	0.00E+00	9.88E-09	0.00E+00	6.98E-10	6.98E-10	3.29E-07	2.74E-05	0.00E+00	3.04E-08	0.00E+00	6.98E-10	1.13E-06	0.00E+00	0.00E+00	2.74E-05
397	ALL	463651.1	3773832	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.30E-10	7.30E-10	3.45E-07	2.85E-05	0.00E+00	3.18E-08	0.00E+00	7.30E-10	1.18E-06	0.00E+00	0.00E+00	2.85E-05
398	ALL	463637.9	3773838	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.66E-10	7.66E-10	3.61E-07	2.98E-05	0.00E+00	3.34E-08	0.00E+00	7.66E-10	1.24E-06	0.00E+00	0.00E+00	2.98E-05
399	ALL	463624.7	3773844	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.06E-10	8.06E-10	3.80E-07	3.12E-05	0.00E+00	3.51E-08	0.00E+00	8.06E-10	1.30E-06	0.00E+00	0.00E+00	3.12E-05
400	ALL	463611.5	3773850	NonCancer	0.00E+00	1.20E-08	0.00E+00	8.51E-10	8.51E-10	4.02E-07	3.28E-05	0.00E+00	3.71E-08	0.00E+00	8.51E-10	1.37E-06	0.00E+00	0.00E+00	3.28E-05
401	ALL	463598.3	3773856	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.02E-10	9.02E-10	4.26E-07	3.46E-05	0.00E+00	3.93E-08	0.00E+00	9.02E-10	1.46E-06	0.00E+00	0.00E+00	3.46E-05
402	ALL	463585.1	3773862	NonCancer	0.00E+00	1.36E-08	0.00E+00	9.61E-10	9.61E-10	4.54E-07	3.67E-05	0.00E+00	4.19E-08	0.00E+00	9.61E-10	1.55E-06	0.00E+00	0.00E+00	3.67E-05
403	ALL	463571.9	3773868	NonCancer	0.00E+00	1.46E-08	0.00E+00	1.03E-09	1.03E-09	4.86E-07	3.91E-05	0.00E+00	4.49E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	3.91E-05
404	ALL	463558.7	3773874	NonCancer	0.00E+00	1.57E-08	0.00E+00	1.11E-09	1.11E-09	5.24E-07	4.20E-05	0.00E+00	4.84E-08	0.00E+00	1.11E-09	1.79E-06	0.00E+00	0.00E+00	4.20E-05
405	ALL	463545.5	3773881	NonCancer	0.00E+00	1.71E-08	0.00E+00	1.21E-09	1.21E-09	5.70E-07	4.55E-05	0.00E+00	5.27E-08	0.00E+00	1.21E-09	1.95E-06	0.00E+00	0.00E+00	4.55E-05
406	ALL	463532.3	3773887	NonCancer	0.00E+00	1.88E-08	0.00E+00	1.33E-09	1.33E-09	6.26E-07	4.98E-05	0.00E+00	5.78E-08	0.00E+00	1.33E-09	2.14E-06	0.00E+00	0.00E+00	4.98E-05
407	ALL	463519.1	3773893	NonCancer	0.00E+00	2.09E-08	0.00E+00	1.48E-09	1.48E-09	6.96E-07	5.52E-05	0.00E+00	6.43E-08	0.00E+00	1.48E-09	2.38E-06	0.00E+00	0.00E+00	5.52E-05
408	ALL	463505.9	3773899	NonCancer	0.00E+00	2.35E-08	0.00E+00	1.66E-09	1.66E-09	7.85E-07	6.20E-05	0.00E+00	7.25E-08	0.00E+00	1.66E-09	2.69E-06	0.00E+00	0.00E+00	6.20E-05
409	ALL	463492.7	3773905	NonCancer	0.00E+00	2.71E-08	0.00E+00	1.92E-09	1.92E-09	9.04E-07	7.13E-05	0.00E+00	8.34E-08	0.00E+00	1.92E-09	3.09E-06	0.00E+00	0.00E+00	7.13E-05
410	ALL	463479.5	3773911	NonCancer	0.00E+00	3.21E-08	0.00E+00	2.27E-09	2.27E-09	1.07E-06	8.45E-05	0.00E+00	9.89E-08	0.00E+00	2.27E-09	3.67E-06	0.00E+00	0.00E+00	8.45E-05
411	ALL	463466.3	3773917	NonCancer	0.00E+00	3.98E-08	0.00E+00	2.81E-09	2.81E-09	1.33E-06	1.05E-04	0.00E+00	1.22E-07	0.00E+00	2.81E-09	4.54E-06	0.00E+00	0.00E+00	1.05E-04
412	ALL	463453.1	3773923	NonCancer	0.00E+00	5.33E-08	0.00E+00	3.77E-09	3.77E-09	1.78E-06	1.42E-04	0.00E+00	1.64E-07	0.00E+00	3.77E-09	6.09E-06	0.00E+00	0.00E+00	1.42E-04
413	ALL	463675.6	3773818	NonCancer	0.00E+00	9.55E-09	0.00E+00	6.75E-10	6.75E-10	3.18E-07	2.66E-05	0.00E+00	2.94E-08	0.00E+00	6.75E-10	1.09E-06	0.00E+00	0.00E+00	2.66E-05
414	ALL	463694.6	3773852	NonCancer	0.00E+00	8.75E-09	0.00E+00	6.18E-10	6.18E-10	2.92E-07	2.44E-05	0.00E+00	2.69E-08	0.00E+00	6.18E-10	9.99E-07	0.00E+00	0.00E+00	2.44E-05
415	ALL	463681.4	3773858	NonCancer	0.00E+00	9.10E-09	0.00E+00	6.43E-10	6.43E-10	3.04E-07	2.52E-05	0.00E+00	2.80E-08	0.00E+00	6.43E-10	1.04E-06	0.00E+00	0.00E+00	2.52E-05
416	ALL	463668.3	3773864	NonCancer	0.00E+00	9.50E-09	0.00E+00	6.71E-10	6.71E-10	3.17E-07	2.62E-05	0.00E+00	2.92E-08	0.00E+00	6.71E-10	1.08E-06	0.00E+00	0.00E+00	2.62E-05
417	ALL	463655.1	3773870	NonCancer	0.00E+00	9.93E-09	0.00E+00	7.01E-10	7.01E-10	3.31E-07	2.73E-05	0.00E+00	3.06E-08	0.00E+00	7.01E-10	1.13E-06	0.00E+00	0.00E+00	2.73E-05
418	ALL	463642	3773876	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.35E-10	7.35E-10	3.47E-07	2.85E-05	0.00E+00	3.20E-08	0.00E+00	7.35E-10	1.19E-06	0.00E+00	0.00E+00	2.85E-05
419	ALL	463628.9	3773882	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.73E-10	7.73E-10	3.65E-07	2.98E-05	0.00E+00	3.37E-08	0.00E+00	7.73E-10	1.25E-06	0.00E+00	0.00E+00	2.98E-05
420	ALL	463615.7	3773888	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.15E-10	8.15E-10	3.85E-07	3.13E-05	0.00E+00	3.55E-08	0.00E+00	8.15E-10	1.32E-06	0.00E+00	0.00E+00	3.13E-05
421	ALL	463602.6	3773894	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.63E-10	8.63E-10	4.07E-07	3.30E-05	0.00E+00	3.76E-08	0.00E+00	8.63E-10	1.39E-06	0.00E+00	0.00E+00	3.30E-05
422	ALL	463589.4	3773900	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.19E-10	9.19E-10	4.34E-07	3.50E-05	0.00E+00	4.00E-08	0.00E+00	9.19E-10	1.48E-06	0.00E+00	0.00E+00	3.50E-05
423	ALL	463576.3	3773906	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.83E-10	9.83E-10	4.64E-07	3.73E-05	0.00E+00	4.28E-08	0.00E+00	9.83E-10	1.59E-06	0.00E+00	0.00E+00	3.73E-05
424	ALL	463563.1	3773912	NonCancer	0.00E+00	1.50E-08	0.00E+00	1.06E-09	1.06E-09	5.00E-07	4.00E-05	0.00E+00	4.62E-08	0.00E+00	1.06E-09	1.71E-06	0.00E+00	0.00E+00	4.00E-05
425	ALL	463550	3773918	NonCancer	0.00E+00	1.63E-08	0.00E+00	1.15E-09	1.15E-09	5.43E-07	4.32E-05	0.00E+00	5.01E-08	0.00E+00	1.15E-09	1.86E-06	0.00E+00	0.00E+00	4.32E-05
426	ALL	463536.8	3773924	NonCancer	0.00E+00	1.78E-08	0.00E+00	1.26E-09	1.26E-09	5.94E-07	4.72E-05	0.00E+00	5.48E-08	0.00E+00	1.26E-09	2.03E-06	0.00E+00	0.00E+00	4.72E-05
427	ALL	463523.7	3773931	NonCancer	0.00E+00	1.97E-08	0.00E+00	1.39E-09	1.39E-09	6.57E-07	5.20E-05	0.00E+00	6.06E-08	0.00E+00	1.39E-09	2.25E-06	0.00E+00	0.00E+00	5.20E-05
428	ALL	463705.9	3773844	NonCancer	0.00E+00	8.49E-09	0.00E+00	6.00E-10	6.00E-10	2.83E-07	2.37E-05	0.00E+00	2.61E-08	0.00E+00	6.00E-10	9.69E-07	0.00E+00	0.00E+00	2.37E-05
429	ALL	463724.8	3773878	NonCancer	0.00E+00	7.82E-09	0.00E+00	5.53E-10	5.53E-10	2.61E-07	2.19E-05	0.00E+00	2.41E-08	0.00E+00	5.53E-10	8.93E-07	0.00E+00	0.00E+00	2.19E-05
430	ALL	463711.6	3773884	NonCancer	0.00E+00	8.11E-09	0.00E+00	5.73E-10	5.73E-10	2.70E-07	2.26E-05	0.00E+00	2.50E-08	0.00E+00	5.73E-10	9.25E-07	0.00E+00	0.00E+00	2.26E-05

431	ALL	463698.4	3773890	NonCancer	0.00E+00	8.41E-09	0.00E+00	5.95E-10	5.95E-10	2.81E-07	2.34E-05	0.00E+00	2.59E-08	0.00E+00	5.95E-10	9.60E-07	0.00E+00	0.00E+00	2.34E-05
432	ALL	463685.2	3773897	NonCancer	0.00E+00	8.75E-09	0.00E+00	6.18E-10	6.18E-10	2.92E-07	2.42E-05	0.00E+00	2.69E-08	0.00E+00	6.18E-10	9.99E-07	0.00E+00	0.00E+00	2.42E-05
433	ALL	463672	3773903	NonCancer	0.00E+00	9.12E-09	0.00E+00	6.44E-10	6.44E-10	3.04E-07	2.51E-05	0.00E+00	2.81E-08	0.00E+00	6.44E-10	1.04E-06	0.00E+00	0.00E+00	2.51E-05
434	ALL	463658.7	3773909	NonCancer	0.00E+00	9.53E-09	0.00E+00	6.74E-10	6.74E-10	3.18E-07	2.61E-05	0.00E+00	2.93E-08	0.00E+00	6.74E-10	1.09E-06	0.00E+00	0.00E+00	2.61E-05
435	ALL	463645.5	3773915	NonCancer	0.00E+00	9.99E-09	0.00E+00	7.06E-10	7.06E-10	3.33E-07	2.72E-05	0.00E+00	3.08E-08	0.00E+00	7.06E-10	1.14E-06	0.00E+00	0.00E+00	2.72E-05
436	ALL	463632.3	3773921	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.42E-10	7.42E-10	3.50E-07	2.85E-05	0.00E+00	3.23E-08	0.00E+00	7.42E-10	1.20E-06	0.00E+00	0.00E+00	2.85E-05
437	ALL	463619.1	3773927	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.83E-10	7.83E-10	3.69E-07	3.00E-05	0.00E+00	3.41E-08	0.00E+00	7.83E-10	1.26E-06	0.00E+00	0.00E+00	3.00E-05
438	ALL	463736.2	3773870	NonCancer	0.00E+00	7.61E-09	0.00E+00	5.38E-10	5.38E-10	2.54E-07	2.14E-05	0.00E+00	2.34E-08	0.00E+00	5.38E-10	8.69E-07	0.00E+00	0.00E+00	2.14E-05
439	ALL	463755.2	3773904	NonCancer	0.00E+00	7.05E-09	0.00E+00	4.98E-10	4.98E-10	2.35E-07	1.98E-05	0.00E+00	2.17E-08	0.00E+00	4.98E-10	8.04E-07	0.00E+00	0.00E+00	1.98E-05
440	ALL	463742	3773910	NonCancer	0.00E+00	7.27E-09	0.00E+00	5.14E-10	5.14E-10	2.42E-07	2.04E-05	0.00E+00	2.24E-08	0.00E+00	5.14E-10	8.30E-07	0.00E+00	0.00E+00	2.04E-05
441	ALL	463728.8	3773917	NonCancer	0.00E+00	7.51E-09	0.00E+00	5.31E-10	5.31E-10	2.50E-07	2.10E-05	0.00E+00	2.31E-08	0.00E+00	5.31E-10	8.57E-07	0.00E+00	0.00E+00	2.10E-05
442	ALL	463715.6	3773923	NonCancer	0.00E+00	7.78E-09	0.00E+00	5.49E-10	5.49E-10	2.59E-07	2.16E-05	0.00E+00	2.39E-08	0.00E+00	5.49E-10	8.87E-07	0.00E+00	0.00E+00	2.16E-05
443	ALL	463702.5	3773929	NonCancer	0.00E+00	8.06E-09	0.00E+00	5.70E-10	5.70E-10	2.69E-07	2.23E-05	0.00E+00	2.48E-08	0.00E+00	5.70E-10	9.20E-07	0.00E+00	0.00E+00	2.23E-05
444	ALL	463766.5	3773896	NonCancer	0.00E+00	6.89E-09	0.00E+00	4.87E-10	4.87E-10	2.30E-07	1.94E-05	0.00E+00	2.12E-08	0.00E+00	4.87E-10	7.86E-07	0.00E+00	0.00E+00	1.94E-05
445	ALL	463307.8	3773489	NonCancer	0.00E+00	2.51E-08	0.00E+00	1.77E-09	1.77E-09	8.38E-07	7.00E-05	0.00E+00	7.73E-08	0.00E+00	1.77E-09	2.87E-06	0.00E+00	0.00E+00	7.00E-05
446	ALL	463336.8	3773491	NonCancer	0.00E+00	3.01E-08	0.00E+00	2.13E-09	2.13E-09	1.01E-06	8.16E-05	0.00E+00	9.28E-08	0.00E+00	2.13E-09	3.44E-06	0.00E+00	0.00E+00	8.16E-05
447	ALL	463333.6	3773500	NonCancer	0.00E+00	2.90E-08	0.00E+00	2.05E-09	2.05E-09	9.67E-07	7.87E-05	0.00E+00	8.93E-08	0.00E+00	2.05E-09	3.31E-06	0.00E+00	0.00E+00	7.87E-05
448	ALL	463330.4	3773509	NonCancer	0.00E+00	2.79E-08	0.00E+00	1.97E-09	1.97E-09	9.32E-07	7.59E-05	0.00E+00	8.60E-08	0.00E+00	1.97E-09	3.19E-06	0.00E+00	0.00E+00	7.59E-05
449	ALL	463366	3773493	NonCancer	0.00E+00	4.12E-08	0.00E+00	2.91E-09	2.91E-09	1.38E-06	1.07E-04	0.00E+00	1.27E-07	0.00E+00	2.91E-09	4.71E-06	0.00E+00	0.00E+00	1.07E-04
450	ALL	463362.8	3773502	NonCancer	0.00E+00	3.90E-08	0.00E+00	2.76E-09	2.76E-09	1.30E-06	1.02E-04	0.00E+00	1.20E-07	0.00E+00	2.76E-09	4.46E-06	0.00E+00	0.00E+00	1.02E-04
451	ALL	463359.6	3773511	NonCancer	0.00E+00	3.71E-08	0.00E+00	2.62E-09	2.62E-09	1.24E-06	9.71E-05	0.00E+00	1.14E-07	0.00E+00	2.62E-09	4.23E-06	0.00E+00	0.00E+00	9.71E-05
452	ALL	463356.4	3773519	NonCancer	0.00E+00	3.53E-08	0.00E+00	2.50E-09	2.50E-09	1.18E-06	9.28E-05	0.00E+00	1.09E-07	0.00E+00	2.50E-09	4.03E-06	0.00E+00	0.00E+00	9.28E-05
453	ALL	463353.2	3773528	NonCancer	0.00E+00	3.37E-08	0.00E+00	2.38E-09	2.38E-09	1.12E-06	8.88E-05	0.00E+00	1.04E-07	0.00E+00	2.38E-09	3.85E-06	0.00E+00	0.00E+00	8.88E-05
454	ALL	463395.3	3773495	NonCancer	0.00E+00	8.24E-08	0.00E+00	5.83E-09	5.83E-09	2.75E-06	1.99E-04	0.00E+00	2.54E-07	0.00E+00	5.83E-09	9.41E-06	0.00E+00	0.00E+00	1.99E-04
455	ALL	463392.1	3773504	NonCancer	0.00E+00	7.27E-08	0.00E+00	5.14E-09	5.14E-09	2.42E-06	1.78E-04	0.00E+00	2.24E-07	0.00E+00	5.14E-09	8.30E-06	0.00E+00	0.00E+00	1.78E-04
456	ALL	463388.9	3773513	NonCancer	0.00E+00	6.52E-08	0.00E+00	4.60E-09	4.60E-09	2.17E-06	1.61E-04	0.00E+00	2.01E-07	0.00E+00	4.60E-09	7.44E-06	0.00E+00	0.00E+00	1.61E-04
457	ALL	463385.6	3773521	NonCancer	0.00E+00	5.92E-08	0.00E+00	4.18E-09	4.18E-09	1.97E-06	1.47E-04	0.00E+00	1.82E-07	0.00E+00	4.18E-09	6.75E-06	0.00E+00	0.00E+00	1.47E-04
458	ALL	463382.4	3773530	NonCancer	0.00E+00	5.43E-08	0.00E+00	3.83E-09	3.83E-09	1.81E-06	1.36E-04	0.00E+00	1.67E-07	0.00E+00	3.83E-09	6.19E-06	0.00E+00	0.00E+00	1.36E-04
459	ALL	463379.2	3773539	NonCancer	0.00E+00	5.01E-08	0.00E+00	3.54E-09	3.54E-09	1.67E-06	1.26E-04	0.00E+00	1.54E-07	0.00E+00	3.54E-09	5.72E-06	0.00E+00	0.00E+00	1.26E-04
460	ALL	463375.9	3773548	NonCancer	0.00E+00	4.66E-08	0.00E+00	3.30E-09	3.30E-09	1.56E-06	1.18E-04	0.00E+00	1.44E-07	0.00E+00	3.30E-09	5.32E-06	0.00E+00	0.00E+00	1.18E-04
461	ALL	463405.2	3773550	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.78E-09	9.78E-09	4.62E-06	3.17E-04	0.00E+00	4.26E-07	0.00E+00	9.78E-09	1.58E-05	0.00E+00	0.00E+00	3.17E-04
462	ALL	463401.9	3773558	NonCancer	0.00E+00	1.10E-07	0.00E+00	7.78E-09	7.78E-09	3.67E-06	2.57E-04	0.00E+00	3.39E-07	0.00E+00	7.78E-09	1.26E-05	0.00E+00	0.00E+00	2.57E-04
463	ALL	463398.7	3773567	NonCancer	0.00E+00	9.19E-08	0.00E+00	6.49E-09	6.49E-09	3.06E-06	2.18E-04	0.00E+00	2.83E-07	0.00E+00	6.49E-09	1.05E-05	0.00E+00	0.00E+00	2.18E-04
464	ALL	463456.5	3773492	NonCancer	0.00E+00	5.16E-08	0.00E+00	3.65E-09	3.65E-09	1.72E-06	1.42E-04	0.00E+00	1.59E-07	0.00E+00	3.65E-09	5.89E-06	0.00E+00	0.00E+00	1.42E-04
465	ALL	463453.3	3773501	NonCancer	0.00E+00	5.51E-08	0.00E+00	3.89E-09	3.89E-09	1.84E-06	1.51E-04	0.00E+00	1.69E-07	0.00E+00	3.89E-09	6.28E-06	0.00E+00	0.00E+00	1.51E-04
466	ALL	463450.1	3773509	NonCancer	0.00E+00	5.92E-08	0.00E+00	4.18E-09	4.18E-09	1.97E-06	1.63E-04	0.00E+00	1.82E-07	0.00E+00	4.18E-09	6.75E-06	0.00E+00	0.00E+00	1.63E-04
467	ALL	463446.9	3773518	NonCancer	0.00E+00	6.42E-08	0.00E+00	4.54E-09	4.54E-09	2.14E-06	1.78E-04	0.00E+00	1.98E-07	0.00E+00	4.54E-09	7.33E-06	0.00E+00	0.00E+00	1.78E-04
468	ALL	463443.7	3773526	NonCancer	0.00E+00	7.07E-08	0.00E+00	4.99E-09	4.99E-09	2.36E-06	1.97E-04	0.00E+00	2.18E-07	0.00E+00	4.99E-09	8.06E-06	0.00E+00	0.00E+00	1.97E-04
469	ALL	463440.5	3773535	NonCancer	0.00E+00	7.89E-08	0.00E+00	5.58E-09	5.58E-09	2.63E-06	2.22E-04	0.00E+00	2.43E-07	0.00E+00	5.58E-09	9.01E-06	0.00E+00	0.00E+00	2.22E-04
470	ALL	463437.3	3773544	NonCancer	0.00E+00	9.02E-08	0.00E+00	6.37E-09	6.37E-09	3.01E-06	2.58E-04	0.00E+00	2.78E-07	0.00E+00	6.37E-09	1.03E-05	0.00E+00	0.00E+00	2.58E-04
471	ALL	463485.9	3773494	NonCancer	0.00E+00	3.36E-08	0.00E+00	2.37E-09	2.37E-09	1.12E-06	9.17E-05	0.00E+00	1.03E-07	0.00E+00	2.37E-09	3.83E-06	0.00E+00	0.00E+00	9.17E-05
472	ALL	463482.7	3773502	NonCancer	0.00E+00	3.46E-08	0.00E+00	2.45E-09	2.45E-09	1.15E-06	9.44E-05	0.00E+00	1.07E-07	0.00E+00	2.45E-09	3.95E-06	0.00E+00	0.00E+00	9.44E-05
473	ALL	463479.5	3773511	NonCancer	0.00E+00	3.58E-08	0.00E+00	2.53E-09	2.53E-09	1.19E-06	9.74E-05	0.00E+00	1.10E-07	0.00E+00	2.53E-09	4.08E-06	0.00E+00	0.00E+00	9.74E-05
474	ALL	463476.2	3773520	NonCancer	0.00E+00	3.71E-08	0.00E+00	2.62E-09	2.62E-09	1.24E-06	1.01E-04	0.00E+00	1.14E-07	0.00E+00	2.62E-09	4.23E-06	0.00E+00	0.00E+00	1.01E-04
475	ALL	463473	3773528	NonCancer	0.00E+00	3.85E-08	0.00E+00	2.72E-09	2.72E-09	1.28E-06	1.05E-04	0.00E+00	1.19E-07	0.00E+00	2.72E-09	4.40E-06	0.00E+00	0.00E+00	1.05E-04
476	ALL	463469.8	3773537	NonCancer	0.00E+00	4.02E-08	0.00E+00	2.84E-09	2.84E-09	1.34E-06	1.09E-04	0.00E+00	1.24E-07	0.00E+00	2.84E-09	4.58E-06	0.00E+00	0.00E+00	1.09E-04
477	ALL	463466.6	3773546	NonCancer	0.00E+00	4.20E-08	0.00E+00	2.97E-09	2.97E-09	1.40E-06	1.14E-04	0.00E+00	1.29E-07	0.00E+00	2.97E-09	4.80E-06	0.00E+00	0.00E+00	1.14E-04
478	ALL	463463.4	3773554	NonCancer	0.00E+00	4.42E-08	0.00E+00	3.12E-09	3.12E-09	1.47E-06	1.20E-04	0.00E+00	1.36E-07	0.00E+00	3.12E-09	5.05E-06	0.00E+00	0.00E+00	1.20E-04
479	ALL	463460.2	3773563	NonCancer	0.00E+00	4.67E-08	0.00E+00	3.30E-09	3.30E-09	1.56E-06	1.27E-04	0.00E+00	1.44E-07	0.00E+00	3.30E-09	5.33E-06	0.00E+00	0.00E+00	1.27E-04
480	ALL	463456.9	3773572	NonCancer	0.00E+00	4.97E-08	0.00E+00	3.51E-09	3.51E-09	1.66E-06	1.35E-04	0.00E+00	1.53E-07	0.00E+00	3.51E-09	5.67E-06	0.00E+00	0.00E+00	1.35E-04
481	ALL	463453.7	3773580	NonCancer	0.00E+00	5.32E-08	0.00E+00	3.76E-09	3.76E-09	1.77E-06	1.45E-04	0.00E+00	1.64E-07	0.00E+00	3.76E-09	6.07E-06	0.00E+00	0.00E+00	1.45E-04
482	ALL	463450.5	3773589	NonCancer	0.00E+00	5.74E-08	0.00E+00	4.06E-09	4.06E-09	1.91E-06	1.57E-04	0.00E+00	1.77E-07	0.00E+00	4.06E-09	6.55E-06	0.00E+00	0.00E+00	1.57E-04
483	ALL	463447.3	3773598	NonCancer	0.00E+00	6.26E-08	0.00E+00	4.42E-09	4.42E-09	2.09E-06	1.73E-04	0.00E+00	1.93E-07	0.00E+00	4.42E-09	7.14E-06	0.00E+00	0.00E+00	1.73E-04
484	ALL	463444.1	3773606	NonCancer	0.00E+00	6.90E-08	0.00E+00	4.88E-09	4.88E-09	2.30E-06	1.92E-04	0.00E+00	2.13E-07	0.00E+00	4.88E-09	7.88E-06	0.00E+00	0.00E+00	1.92E-04

485	ALL	463518.6	3773486	NonCancer	0.00E+00	2.52E-08	0.00E+00	1.78E-09	1.78E-09	8.39E-07	6.93E-05	0.00E+00	7.74E-08	0.00E+00	1.78E-09	2.87E-06	0.00E+00	0.00E+00	6.93E-05
486	ALL	463515.3	3773495	NonCancer	0.00E+00	2.56E-08	0.00E+00	1.81E-09	1.81E-09	8.54E-07	7.04E-05	0.00E+00	7.89E-08	0.00E+00	1.81E-09	2.92E-06	0.00E+00	0.00E+00	7.04E-05
487	ALL	463512.1	3773504	NonCancer	0.00E+00	2.61E-08	0.00E+00	1.84E-09	1.84E-09	8.70E-07	7.16E-05	0.00E+00	8.04E-08	0.00E+00	1.84E-09	2.98E-06	0.00E+00	0.00E+00	7.16E-05
488	ALL	463508.9	3773512	NonCancer	0.00E+00	2.66E-08	0.00E+00	1.88E-09	1.88E-09	8.88E-07	7.30E-05	0.00E+00	8.20E-08	0.00E+00	1.88E-09	3.04E-06	0.00E+00	0.00E+00	7.30E-05
489	ALL	463505.6	3773521	NonCancer	0.00E+00	2.72E-08	0.00E+00	1.92E-09	1.92E-09	9.07E-07	7.44E-05	0.00E+00	8.38E-08	0.00E+00	1.92E-09	3.11E-06	0.00E+00	0.00E+00	7.44E-05
490	ALL	463502.4	3773530	NonCancer	0.00E+00	2.78E-08	0.00E+00	1.97E-09	1.97E-09	9.28E-07	7.60E-05	0.00E+00	8.57E-08	0.00E+00	1.97E-09	3.18E-06	0.00E+00	0.00E+00	7.60E-05
491	ALL	463499.2	3773539	NonCancer	0.00E+00	2.85E-08	0.00E+00	2.01E-09	2.01E-09	9.51E-07	7.77E-05	0.00E+00	8.78E-08	0.00E+00	2.01E-09	3.25E-06	0.00E+00	0.00E+00	7.77E-05
492	ALL	463495.9	3773547	NonCancer	0.00E+00	2.93E-08	0.00E+00	2.07E-09	2.07E-09	9.76E-07	7.96E-05	0.00E+00	9.01E-08	0.00E+00	2.07E-09	3.34E-06	0.00E+00	0.00E+00	7.96E-05
493	ALL	463492.7	3773556	NonCancer	0.00E+00	3.01E-08	0.00E+00	2.13E-09	2.13E-09	1.00E-06	8.17E-05	0.00E+00	9.26E-08	0.00E+00	2.13E-09	3.43E-06	0.00E+00	0.00E+00	8.17E-05
494	ALL	463489.5	3773565	NonCancer	0.00E+00	3.10E-08	0.00E+00	2.19E-09	2.19E-09	1.03E-06	8.40E-05	0.00E+00	9.53E-08	0.00E+00	2.19E-09	3.53E-06	0.00E+00	0.00E+00	8.40E-05
495	ALL	463486.2	3773574	NonCancer	0.00E+00	3.20E-08	0.00E+00	2.26E-09	2.26E-09	1.07E-06	8.66E-05	0.00E+00	9.84E-08	0.00E+00	2.26E-09	3.65E-06	0.00E+00	0.00E+00	8.66E-05
496	ALL	463483	3773582	NonCancer	0.00E+00	3.30E-08	0.00E+00	2.34E-09	2.34E-09	1.10E-06	8.94E-05	0.00E+00	1.02E-07	0.00E+00	2.34E-09	3.77E-06	0.00E+00	0.00E+00	8.94E-05
497	ALL	463479.8	3773591	NonCancer	0.00E+00	3.43E-08	0.00E+00	2.42E-09	2.42E-09	1.14E-06	9.26E-05	0.00E+00	1.05E-07	0.00E+00	2.42E-09	3.91E-06	0.00E+00	0.00E+00	9.26E-05
498	ALL	463476.5	3773600	NonCancer	0.00E+00	3.56E-08	0.00E+00	2.52E-09	2.52E-09	1.19E-06	9.62E-05	0.00E+00	1.10E-07	0.00E+00	2.52E-09	4.06E-06	0.00E+00	0.00E+00	9.62E-05
499	ALL	463473.3	3773609	NonCancer	0.00E+00	3.71E-08	0.00E+00	2.62E-09	2.62E-09	1.24E-06	1.00E-04	0.00E+00	1.14E-07	0.00E+00	2.62E-09	4.24E-06	0.00E+00	0.00E+00	1.00E-04
500	ALL	463470	3773617	NonCancer	0.00E+00	3.89E-08	0.00E+00	2.75E-09	2.75E-09	1.30E-06	1.05E-04	0.00E+00	1.20E-07	0.00E+00	2.75E-09	4.44E-06	0.00E+00	0.00E+00	1.05E-04
501	ALL	463466.8	3773626	NonCancer	0.00E+00	4.08E-08	0.00E+00	2.88E-09	2.88E-09	1.36E-06	1.10E-04	0.00E+00	1.26E-07	0.00E+00	2.88E-09	4.66E-06	0.00E+00	0.00E+00	1.10E-04
502	ALL	463558.6	3773486	NonCancer	0.00E+00	1.95E-08	0.00E+00	1.38E-09	1.38E-09	6.49E-07	5.42E-05	0.00E+00	5.99E-08	0.00E+00	1.38E-09	2.22E-06	0.00E+00	0.00E+00	5.42E-05
503	ALL	463555.3	3773495	NonCancer	0.00E+00	1.97E-08	0.00E+00	1.39E-09	1.39E-09	6.57E-07	5.47E-05	0.00E+00	6.06E-08	0.00E+00	1.39E-09	2.25E-06	0.00E+00	0.00E+00	5.47E-05
504	ALL	463552.1	3773504	NonCancer	0.00E+00	1.99E-08	0.00E+00	1.41E-09	1.41E-09	6.65E-07	5.53E-05	0.00E+00	6.14E-08	0.00E+00	1.41E-09	2.27E-06	0.00E+00	0.00E+00	5.53E-05
505	ALL	463548.9	3773512	NonCancer	0.00E+00	2.02E-08	0.00E+00	1.43E-09	1.43E-09	6.73E-07	5.59E-05	0.00E+00	6.21E-08	0.00E+00	1.43E-09	2.30E-06	0.00E+00	0.00E+00	5.59E-05
506	ALL	463545.6	3773521	NonCancer	0.00E+00	2.04E-08	0.00E+00	1.44E-09	1.44E-09	6.82E-07	5.65E-05	0.00E+00	6.29E-08	0.00E+00	1.44E-09	2.33E-06	0.00E+00	0.00E+00	5.65E-05
507	ALL	463542.4	3773530	NonCancer	0.00E+00	2.07E-08	0.00E+00	1.46E-09	1.46E-09	6.91E-07	5.72E-05	0.00E+00	6.38E-08	0.00E+00	1.46E-09	2.36E-06	0.00E+00	0.00E+00	5.72E-05
508	ALL	463539.2	3773539	NonCancer	0.00E+00	2.10E-08	0.00E+00	1.48E-09	1.48E-09	7.01E-07	5.79E-05	0.00E+00	6.47E-08	0.00E+00	1.48E-09	2.40E-06	0.00E+00	0.00E+00	5.79E-05
509	ALL	463535.9	3773547	NonCancer	0.00E+00	2.13E-08	0.00E+00	1.51E-09	1.51E-09	7.11E-07	5.87E-05	0.00E+00	6.57E-08	0.00E+00	1.51E-09	2.43E-06	0.00E+00	0.00E+00	5.87E-05
510	ALL	463532.7	3773556	NonCancer	0.00E+00	2.17E-08	0.00E+00	1.53E-09	1.53E-09	7.23E-07	5.95E-05	0.00E+00	6.67E-08	0.00E+00	1.53E-09	2.47E-06	0.00E+00	0.00E+00	5.95E-05
511	ALL	463529.5	3773565	NonCancer	0.00E+00	2.20E-08	0.00E+00	1.56E-09	1.56E-09	7.35E-07	6.04E-05	0.00E+00	6.78E-08	0.00E+00	1.56E-09	2.51E-06	0.00E+00	0.00E+00	6.04E-05
512	ALL	463526.2	3773573	NonCancer	0.00E+00	2.24E-08	0.00E+00	1.58E-09	1.58E-09	7.48E-07	6.13E-05	0.00E+00	6.90E-08	0.00E+00	1.58E-09	2.56E-06	0.00E+00	0.00E+00	6.13E-05
513	ALL	463523	3773582	NonCancer	0.00E+00	2.28E-08	0.00E+00	1.61E-09	1.61E-09	7.61E-07	6.24E-05	0.00E+00	7.03E-08	0.00E+00	1.61E-09	2.61E-06	0.00E+00	0.00E+00	6.24E-05
514	ALL	463519.8	3773591	NonCancer	0.00E+00	2.33E-08	0.00E+00	1.64E-09	1.64E-09	7.76E-07	6.34E-05	0.00E+00	7.17E-08	0.00E+00	1.64E-09	2.66E-06	0.00E+00	0.00E+00	6.34E-05
515	ALL	463516.5	3773600	NonCancer	0.00E+00	2.38E-08	0.00E+00	1.68E-09	1.68E-09	7.92E-07	6.46E-05	0.00E+00	7.31E-08	0.00E+00	1.68E-09	2.71E-06	0.00E+00	0.00E+00	6.46E-05
516	ALL	463513.3	3773608	NonCancer	0.00E+00	2.43E-08	0.00E+00	1.71E-09	1.71E-09	8.09E-07	6.59E-05	0.00E+00	7.47E-08	0.00E+00	1.71E-09	2.77E-06	0.00E+00	0.00E+00	6.59E-05
517	ALL	463510	3773617	NonCancer	0.00E+00	2.48E-08	0.00E+00	1.76E-09	1.76E-09	8.28E-07	6.74E-05	0.00E+00	7.65E-08	0.00E+00	1.76E-09	2.84E-06	0.00E+00	0.00E+00	6.74E-05
518	ALL	463506.8	3773626	NonCancer	0.00E+00	2.55E-08	0.00E+00	1.80E-09	1.80E-09	8.49E-07	6.91E-05	0.00E+00	7.84E-08	0.00E+00	1.80E-09	2.91E-06	0.00E+00	0.00E+00	6.91E-05
519	ALL	463503.6	3773635	NonCancer	0.00E+00	2.61E-08	0.00E+00	1.85E-09	1.85E-09	8.71E-07	7.08E-05	0.00E+00	8.04E-08	0.00E+00	1.85E-09	2.98E-06	0.00E+00	0.00E+00	7.08E-05
520	ALL	463500.3	3773643	NonCancer	0.00E+00	2.68E-08	0.00E+00	1.90E-09	1.90E-09	8.95E-07	7.27E-05	0.00E+00	8.27E-08	0.00E+00	1.90E-09	3.06E-06	0.00E+00	0.00E+00	7.27E-05
521	ALL	463497.1	3773652	NonCancer	0.00E+00	2.76E-08	0.00E+00	1.95E-09	1.95E-09	9.22E-07	7.47E-05	0.00E+00	8.51E-08	0.00E+00	1.95E-09	3.16E-06	0.00E+00	0.00E+00	7.47E-05
522	ALL	463598.6	3773486	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.12E-09	1.12E-09	5.31E-07	4.47E-05	0.00E+00	4.90E-08	0.00E+00	1.12E-09	1.82E-06	0.00E+00	0.00E+00	4.47E-05
523	ALL	463595.3	3773495	NonCancer	0.00E+00	1.61E-08	0.00E+00	1.13E-09	1.13E-09	5.36E-07	4.51E-05	0.00E+00	4.94E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	4.51E-05
524	ALL	463592.1	3773504	NonCancer	0.00E+00	1.62E-08	0.00E+00	1.14E-09	1.14E-09	5.40E-07	4.54E-05	0.00E+00	4.99E-08	0.00E+00	1.14E-09	1.85E-06	0.00E+00	0.00E+00	4.54E-05
525	ALL	463588.9	3773512	NonCancer	0.00E+00	1.63E-08	0.00E+00	1.16E-09	1.16E-09	5.45E-07	4.58E-05	0.00E+00	5.03E-08	0.00E+00	1.16E-09	1.87E-06	0.00E+00	0.00E+00	4.58E-05
526	ALL	463585.6	3773521	NonCancer	0.00E+00	1.65E-08	0.00E+00	1.17E-09	1.17E-09	5.50E-07	4.61E-05	0.00E+00	5.08E-08	0.00E+00	1.17E-09	1.88E-06	0.00E+00	0.00E+00	4.61E-05
527	ALL	463582.4	3773530	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.55E-07	4.65E-05	0.00E+00	5.13E-08	0.00E+00	1.18E-09	1.90E-06	0.00E+00	0.00E+00	4.65E-05
528	ALL	463579.2	3773538	NonCancer	0.00E+00	1.68E-08	0.00E+00	1.19E-09	1.19E-09	5.61E-07	4.68E-05	0.00E+00	5.18E-08	0.00E+00	1.19E-09	1.92E-06	0.00E+00	0.00E+00	4.68E-05
529	ALL	463575.9	3773547	NonCancer	0.00E+00	1.70E-08	0.00E+00	1.20E-09	1.20E-09	5.66E-07	4.72E-05	0.00E+00	5.23E-08	0.00E+00	1.20E-09	1.94E-06	0.00E+00	0.00E+00	4.72E-05
530	ALL	463572.7	3773556	NonCancer	0.00E+00	1.72E-08	0.00E+00	1.21E-09	1.21E-09	5.72E-07	4.76E-05	0.00E+00	5.28E-08	0.00E+00	1.21E-09	1.96E-06	0.00E+00	0.00E+00	4.76E-05
531	ALL	463569.5	3773565	NonCancer	0.00E+00	1.73E-08	0.00E+00	1.23E-09	1.23E-09	5.78E-07	4.81E-05	0.00E+00	5.34E-08	0.00E+00	1.23E-09	1.98E-06	0.00E+00	0.00E+00	4.81E-05
532	ALL	463566.2	3773573	NonCancer	0.00E+00	1.75E-08	0.00E+00	1.24E-09	1.24E-09	5.85E-07	4.85E-05	0.00E+00	5.40E-08	0.00E+00	1.24E-09	2.00E-06	0.00E+00	0.00E+00	4.85E-05
533	ALL	463563	3773582	NonCancer	0.00E+00	1.77E-08	0.00E+00	1.25E-09	1.25E-09	5.92E-07	4.90E-05	0.00E+00	5.46E-08	0.00E+00	1.25E-09	2.02E-06	0.00E+00	0.00E+00	4.90E-05
534	ALL	463559.8	3773591	NonCancer	0.00E+00	1.80E-08	0.00E+00	1.27E-09	1.27E-09	5.99E-07	4.95E-05	0.00E+00	5.53E-08	0.00E+00	1.27E-09	2.05E-06	0.00E+00	0.00E+00	4.95E-05
535	ALL	463556.5	3773600	NonCancer	0.00E+00	1.82E-08	0.00E+00	1.29E-09	1.29E-09	6.06E-07	5.00E-05	0.00E+00	5.60E-08	0.00E+00	1.29E-09	2.08E-06	0.00E+00	0.00E+00	5.00E-05
536	ALL	463553.3	3773608	NonCancer	0.00E+00	1.84E-08	0.00E+00	1.30E-09	1.30E-09	6.15E-07	5.06E-05	0.00E+00	5.67E-08	0.00E+00	1.30E-09	2.10E-06	0.00E+00	0.00E+00	5.06E-05
537	ALL	463550	3773617	NonCancer	0.00E+00	1.87E-08	0.00E+00	1.32E-09	1.32E-09	6.23E-07	5.12E-05	0.00E+00	5.75E-08	0.00E+00	1.32E-09	2.13E-06	0.00E+00	0.00E+00	5.12E-05
538	ALL	463546.8	3773626	NonCancer	0.00E+00	1.90E-08	0.00E+00	1.34E-09	1.34E-09	6.33E-07	5.19E-05	0.00E+00	5.84E-08	0.00E+00	1.34E-09	2.17E-06	0.00E+00	0.00E+00	5.19E-05

539	ALL	463543.6	3773635	NonCancer	0.00E+00	1.93E-08	0.00E+00	1.36E-09	1.36E-09	6.43E-07	5.29E-05	0.00E+00	5.94E-08	0.00E+00	1.36E-09	2.20E-06	0.00E+00	0.00E+00	5.29E-05
540	ALL	463540.3	3773643	NonCancer	0.00E+00	1.96E-08	0.00E+00	1.38E-09	1.38E-09	6.54E-07	5.36E-05	0.00E+00	6.03E-08	0.00E+00	1.38E-09	2.24E-06	0.00E+00	0.00E+00	5.36E-05
541	ALL	463537.1	3773652	NonCancer	0.00E+00	1.99E-08	0.00E+00	1.41E-09	1.41E-09	6.65E-07	5.44E-05	0.00E+00	6.14E-08	0.00E+00	1.41E-09	2.28E-06	0.00E+00	0.00E+00	5.44E-05
542	ALL	463533.9	3773661	NonCancer	0.00E+00	2.03E-08	0.00E+00	1.43E-09	1.43E-09	6.77E-07	5.53E-05	0.00E+00	6.25E-08	0.00E+00	1.43E-09	2.32E-06	0.00E+00	0.00E+00	5.53E-05
543	ALL	463530.6	3773669	NonCancer	0.00E+00	2.07E-08	0.00E+00	1.46E-09	1.46E-09	6.90E-07	5.63E-05	0.00E+00	6.37E-08	0.00E+00	1.46E-09	2.36E-06	0.00E+00	0.00E+00	5.63E-05
544	ALL	463527.4	3773678	NonCancer	0.00E+00	2.11E-08	0.00E+00	1.49E-09	1.49E-09	7.04E-07	5.73E-05	0.00E+00	6.50E-08	0.00E+00	1.49E-09	2.41E-06	0.00E+00	0.00E+00	5.73E-05
545	ALL	463638.6	3773486	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.48E-10	9.48E-10	4.47E-07	3.81E-05	0.00E+00	4.13E-08	0.00E+00	9.48E-10	1.53E-06	0.00E+00	0.00E+00	3.81E-05
546	ALL	463635.3	3773495	NonCancer	0.00E+00	1.35E-08	0.00E+00	9.55E-10	9.55E-10	4.51E-07	3.83E-05	0.00E+00	4.16E-08	0.00E+00	9.55E-10	1.54E-06	0.00E+00	0.00E+00	3.83E-05
547	ALL	463632.1	3773503	NonCancer	0.00E+00	1.36E-08	0.00E+00	9.62E-10	9.62E-10	4.54E-07	3.85E-05	0.00E+00	4.19E-08	0.00E+00	9.62E-10	1.55E-06	0.00E+00	0.00E+00	3.85E-05
548	ALL	463628.9	3773512	NonCancer	0.00E+00	1.37E-08	0.00E+00	9.70E-10	9.70E-10	4.58E-07	3.88E-05	0.00E+00	4.23E-08	0.00E+00	9.70E-10	1.57E-06	0.00E+00	0.00E+00	3.88E-05
549	ALL	463625.6	3773521	NonCancer	0.00E+00	1.38E-08	0.00E+00	9.77E-10	9.77E-10	4.61E-07	3.90E-05	0.00E+00	4.26E-08	0.00E+00	9.77E-10	1.58E-06	0.00E+00	0.00E+00	3.90E-05
550	ALL	463622.4	3773530	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.84E-10	9.84E-10	4.64E-07	3.92E-05	0.00E+00	4.29E-08	0.00E+00	9.84E-10	1.59E-06	0.00E+00	0.00E+00	3.92E-05
551	ALL	463619.2	3773538	NonCancer	0.00E+00	1.40E-08	0.00E+00	9.92E-10	9.92E-10	4.68E-07	3.95E-05	0.00E+00	4.32E-08	0.00E+00	9.92E-10	1.60E-06	0.00E+00	0.00E+00	3.95E-05
552	ALL	463615.9	3773547	NonCancer	0.00E+00	1.41E-08	0.00E+00	9.99E-10	9.99E-10	4.71E-07	3.97E-05	0.00E+00	4.35E-08	0.00E+00	9.99E-10	1.61E-06	0.00E+00	0.00E+00	3.97E-05
553	ALL	463612.7	3773556	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.01E-09	1.01E-09	4.75E-07	3.99E-05	0.00E+00	4.39E-08	0.00E+00	1.01E-09	1.63E-06	0.00E+00	0.00E+00	3.99E-05
554	ALL	463609.5	3773565	NonCancer	0.00E+00	1.44E-08	0.00E+00	1.01E-09	1.01E-09	4.79E-07	4.02E-05	0.00E+00	4.42E-08	0.00E+00	1.01E-09	1.64E-06	0.00E+00	0.00E+00	4.02E-05
555	ALL	463606.2	3773573	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.02E-09	1.02E-09	4.83E-07	4.04E-05	0.00E+00	4.45E-08	0.00E+00	1.02E-09	1.65E-06	0.00E+00	0.00E+00	4.04E-05
556	ALL	463603	3773582	NonCancer	0.00E+00	1.46E-08	0.00E+00	1.03E-09	1.03E-09	4.86E-07	4.07E-05	0.00E+00	4.49E-08	0.00E+00	1.03E-09	1.67E-06	0.00E+00	0.00E+00	4.07E-05
557	ALL	463599.8	3773591	NonCancer	0.00E+00	1.47E-08	0.00E+00	1.04E-09	1.04E-09	4.91E-07	4.10E-05	0.00E+00	4.53E-08	0.00E+00	1.04E-09	1.68E-06	0.00E+00	0.00E+00	4.10E-05
558	ALL	463596.5	3773600	NonCancer	0.00E+00	1.48E-08	0.00E+00	1.05E-09	1.05E-09	4.95E-07	4.13E-05	0.00E+00	4.57E-08	0.00E+00	1.05E-09	1.69E-06	0.00E+00	0.00E+00	4.13E-05
559	ALL	463593.3	3773608	NonCancer	0.00E+00	1.50E-08	0.00E+00	1.06E-09	1.06E-09	4.99E-07	4.16E-05	0.00E+00	4.61E-08	0.00E+00	1.06E-09	1.71E-06	0.00E+00	0.00E+00	4.16E-05
560	ALL	463590	3773617	NonCancer	0.00E+00	1.51E-08	0.00E+00	1.07E-09	1.07E-09	5.04E-07	4.19E-05	0.00E+00	4.66E-08	0.00E+00	1.07E-09	1.73E-06	0.00E+00	0.00E+00	4.19E-05
561	ALL	463586.8	3773626	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.09E-07	4.22E-05	0.00E+00	4.70E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	4.22E-05
562	ALL	463583.6	3773634	NonCancer	0.00E+00	1.54E-08	0.00E+00	1.09E-09	1.09E-09	5.15E-07	4.26E-05	0.00E+00	4.75E-08	0.00E+00	1.09E-09	1.76E-06	0.00E+00	0.00E+00	4.26E-05
563	ALL	463580.3	3773643	NonCancer	0.00E+00	1.56E-08	0.00E+00	1.10E-09	1.10E-09	5.20E-07	4.30E-05	0.00E+00	4.80E-08	0.00E+00	1.10E-09	1.78E-06	0.00E+00	0.00E+00	4.30E-05
564	ALL	463577.1	3773652	NonCancer	0.00E+00	1.58E-08	0.00E+00	1.12E-09	1.12E-09	5.26E-07	4.36E-05	0.00E+00	4.86E-08	0.00E+00	1.12E-09	1.80E-06	0.00E+00	0.00E+00	4.36E-05
565	ALL	463573.9	3773661	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.33E-07	4.41E-05	0.00E+00	4.92E-08	0.00E+00	1.13E-09	1.82E-06	0.00E+00	0.00E+00	4.41E-05
566	ALL	463570.6	3773669	NonCancer	0.00E+00	1.62E-08	0.00E+00	1.14E-09	1.14E-09	5.40E-07	4.46E-05	0.00E+00	4.98E-08	0.00E+00	1.14E-09	1.85E-06	0.00E+00	0.00E+00	4.46E-05
567	ALL	463567.4	3773678	NonCancer	0.00E+00	1.64E-08	0.00E+00	1.16E-09	1.16E-09	5.47E-07	4.51E-05	0.00E+00	5.05E-08	0.00E+00	1.16E-09	1.87E-06	0.00E+00	0.00E+00	4.51E-05
568	ALL	463564.2	3773687	NonCancer	0.00E+00	1.66E-08	0.00E+00	1.18E-09	1.18E-09	5.55E-07	4.56E-05	0.00E+00	5.12E-08	0.00E+00	1.18E-09	1.90E-06	0.00E+00	0.00E+00	4.56E-05
569	ALL	463560.9	3773696	NonCancer	0.00E+00	1.69E-08	0.00E+00	1.19E-09	1.19E-09	5.63E-07	4.62E-05	0.00E+00	5.19E-08	0.00E+00	1.19E-09	1.93E-06	0.00E+00	0.00E+00	4.62E-05
570	ALL	463557.7	3773704	NonCancer	0.00E+00	1.71E-08	0.00E+00	1.21E-09	1.21E-09	5.71E-07	4.68E-05	0.00E+00	5.27E-08	0.00E+00	1.21E-09	1.95E-06	0.00E+00	0.00E+00	4.68E-05
571	ALL	463678.6	3773486	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.15E-10	8.15E-10	3.85E-07	3.30E-05	0.00E+00	3.55E-08	0.00E+00	8.15E-10	1.32E-06	0.00E+00	0.00E+00	3.30E-05
572	ALL	463675.3	3773495	NonCancer	0.00E+00	1.16E-08	0.00E+00	8.21E-10	8.21E-10	3.88E-07	3.32E-05	0.00E+00	3.58E-08	0.00E+00	8.21E-10	1.33E-06	0.00E+00	0.00E+00	3.32E-05
573	ALL	463672.1	3773503	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.27E-10	8.27E-10	3.90E-07	3.34E-05	0.00E+00	3.60E-08	0.00E+00	8.27E-10	1.34E-06	0.00E+00	0.00E+00	3.34E-05
574	ALL	463668.9	3773512	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.33E-10	8.33E-10	3.93E-07	3.36E-05	0.00E+00	3.63E-08	0.00E+00	8.33E-10	1.35E-06	0.00E+00	0.00E+00	3.36E-05
575	ALL	463665.6	3773521	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.39E-10	8.39E-10	3.96E-07	3.38E-05	0.00E+00	3.65E-08	0.00E+00	8.39E-10	1.35E-06	0.00E+00	0.00E+00	3.38E-05
576	ALL	463662.4	3773530	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.44E-10	8.44E-10	3.98E-07	3.39E-05	0.00E+00	3.68E-08	0.00E+00	8.44E-10	1.36E-06	0.00E+00	0.00E+00	3.39E-05
577	ALL	463659.2	3773538	NonCancer	0.00E+00	1.20E-08	0.00E+00	8.49E-10	8.49E-10	4.01E-07	3.41E-05	0.00E+00	3.70E-08	0.00E+00	8.49E-10	1.37E-06	0.00E+00	0.00E+00	3.41E-05
578	ALL	463655.9	3773547	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.55E-10	8.55E-10	4.03E-07	3.43E-05	0.00E+00	3.72E-08	0.00E+00	8.55E-10	1.38E-06	0.00E+00	0.00E+00	3.43E-05
579	ALL	463652.7	3773556	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.60E-10	8.60E-10	4.06E-07	3.44E-05	0.00E+00	3.75E-08	0.00E+00	8.60E-10	1.39E-06	0.00E+00	0.00E+00	3.44E-05
580	ALL	463649.5	3773565	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.65E-10	8.65E-10	4.08E-07	3.46E-05	0.00E+00	3.77E-08	0.00E+00	8.65E-10	1.40E-06	0.00E+00	0.00E+00	3.46E-05
581	ALL	463646.2	3773573	NonCancer	0.00E+00	1.23E-08	0.00E+00	8.71E-10	8.71E-10	4.11E-07	3.47E-05	0.00E+00	3.79E-08	0.00E+00	8.71E-10	1.41E-06	0.00E+00	0.00E+00	3.47E-05
582	ALL	463643	3773582	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.76E-10	8.76E-10	4.14E-07	3.49E-05	0.00E+00	3.82E-08	0.00E+00	8.76E-10	1.42E-06	0.00E+00	0.00E+00	3.49E-05
583	ALL	463639.8	3773591	NonCancer	0.00E+00	1.25E-08	0.00E+00	8.82E-10	8.82E-10	4.16E-07	3.51E-05	0.00E+00	3.84E-08	0.00E+00	8.82E-10	1.42E-06	0.00E+00	0.00E+00	3.51E-05
584	ALL	463636.5	3773599	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.87E-10	8.87E-10	4.19E-07	3.52E-05	0.00E+00	3.87E-08	0.00E+00	8.87E-10	1.43E-06	0.00E+00	0.00E+00	3.52E-05
585	ALL	463633.3	3773608	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.93E-10	8.93E-10	4.22E-07	3.54E-05	0.00E+00	3.89E-08	0.00E+00	8.93E-10	1.44E-06	0.00E+00	0.00E+00	3.54E-05
586	ALL	463630	3773617	NonCancer	0.00E+00	1.27E-08	0.00E+00	8.99E-10	8.99E-10	4.25E-07	3.56E-05	0.00E+00	3.92E-08	0.00E+00	8.99E-10	1.45E-06	0.00E+00	0.00E+00	3.56E-05
587	ALL	463626.8	3773626	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.06E-10	9.06E-10	4.28E-07	3.58E-05	0.00E+00	3.95E-08	0.00E+00	9.06E-10	1.46E-06	0.00E+00	0.00E+00	3.58E-05
588	ALL	463623.6	3773634	NonCancer	0.00E+00	1.29E-08	0.00E+00	9.13E-10	9.13E-10	4.31E-07	3.60E-05	0.00E+00	3.98E-08	0.00E+00	9.13E-10	1.47E-06	0.00E+00	0.00E+00	3.60E-05
589	ALL	463620.3	3773643	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.20E-10	9.20E-10	4.34E-07	3.62E-05	0.00E+00	4.01E-08	0.00E+00	9.20E-10	1.49E-06	0.00E+00	0.00E+00	3.62E-05
590	ALL	463617.1	3773652	NonCancer	0.00E+00	1.31E-08	0.00E+00	9.27E-10	9.27E-10	4.38E-07	3.67E-05	0.00E+00	4.04E-08	0.00E+00	9.27E-10	1.50E-06	0.00E+00	0.00E+00	3.67E-05
591	ALL	463613.9	3773661	NonCancer	0.00E+00	1.32E-08	0.00E+00	9.36E-10	9.36E-10	4.42E-07	3.69E-05	0.00E+00	4.08E-08	0.00E+00	9.36E-10	1.51E-06	0.00E+00	0.00E+00	3.69E-05
592	ALL	463610.6	3773669	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.44E-10	9.44E-10	4.46E-07	3.72E-05	0.00E+00	4.11E-08	0.00E+00	9.44E-10	1.52E-06	0.00E+00	0.00E+00	3.72E-05

593	ALL	463607.4	3773678	NonCancer	0.00E+00	1.35E-08	0.00E+00	9.53E-10	9.53E-10	4.50E-07	3.75E-05	0.00E+00	4.15E-08	0.00E+00	9.53E-10	1.54E-06	0.00E+00	0.00E+00	3.75E-05
594	ALL	463604.2	3773687	NonCancer	0.00E+00	1.36E-08	0.00E+00	9.63E-10	9.63E-10	4.54E-07	3.78E-05	0.00E+00	4.19E-08	0.00E+00	9.63E-10	1.56E-06	0.00E+00	0.00E+00	3.78E-05
595	ALL	463600.9	3773696	NonCancer	0.00E+00	1.38E-08	0.00E+00	9.72E-10	9.72E-10	4.59E-07	3.81E-05	0.00E+00	4.24E-08	0.00E+00	9.72E-10	1.57E-06	0.00E+00	0.00E+00	3.81E-05
596	ALL	463597.7	3773704	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.82E-10	9.82E-10	4.63E-07	3.84E-05	0.00E+00	4.28E-08	0.00E+00	9.82E-10	1.59E-06	0.00E+00	0.00E+00	3.84E-05
597	ALL	463594.5	3773713	NonCancer	0.00E+00	1.40E-08	0.00E+00	9.92E-10	9.92E-10	4.68E-07	3.87E-05	0.00E+00	4.32E-08	0.00E+00	9.92E-10	1.60E-06	0.00E+00	0.00E+00	3.87E-05
598	ALL	463591.2	3773722	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.73E-07	3.91E-05	0.00E+00	4.37E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	3.91E-05
599	ALL	463588	3773730	NonCancer	0.00E+00	1.44E-08	0.00E+00	1.02E-09	1.02E-09	4.79E-07	3.95E-05	0.00E+00	4.42E-08	0.00E+00	1.02E-09	1.64E-06	0.00E+00	0.00E+00	3.95E-05
600	ALL	463718.6	3773486	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.12E-10	7.12E-10	3.36E-07	2.90E-05	0.00E+00	3.10E-08	0.00E+00	7.12E-10	1.15E-06	0.00E+00	0.00E+00	2.90E-05
601	ALL	463715.3	3773495	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.17E-10	7.17E-10	3.38E-07	2.92E-05	0.00E+00	3.12E-08	0.00E+00	7.17E-10	1.16E-06	0.00E+00	0.00E+00	2.92E-05
602	ALL	463712.1	3773503	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.22E-10	7.22E-10	3.41E-07	2.94E-05	0.00E+00	3.15E-08	0.00E+00	7.22E-10	1.17E-06	0.00E+00	0.00E+00	2.94E-05
603	ALL	463708.9	3773512	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.27E-10	7.27E-10	3.43E-07	2.95E-05	0.00E+00	3.17E-08	0.00E+00	7.27E-10	1.17E-06	0.00E+00	0.00E+00	2.95E-05
604	ALL	463705.6	3773521	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.32E-10	7.32E-10	3.45E-07	2.97E-05	0.00E+00	3.19E-08	0.00E+00	7.32E-10	1.18E-06	0.00E+00	0.00E+00	2.97E-05
605	ALL	463702.4	3773529	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.36E-10	7.36E-10	3.47E-07	2.98E-05	0.00E+00	3.21E-08	0.00E+00	7.36E-10	1.19E-06	0.00E+00	0.00E+00	2.98E-05
606	ALL	463699.2	3773538	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.41E-10	7.41E-10	3.49E-07	2.99E-05	0.00E+00	3.23E-08	0.00E+00	7.41E-10	1.20E-06	0.00E+00	0.00E+00	2.99E-05
607	ALL	463695.9	3773547	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.45E-10	7.45E-10	3.51E-07	3.01E-05	0.00E+00	3.24E-08	0.00E+00	7.45E-10	1.20E-06	0.00E+00	0.00E+00	3.01E-05
608	ALL	463692.7	3773556	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.49E-10	7.49E-10	3.53E-07	3.02E-05	0.00E+00	3.26E-08	0.00E+00	7.49E-10	1.21E-06	0.00E+00	0.00E+00	3.02E-05
609	ALL	463689.5	3773564	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.53E-10	7.53E-10	3.55E-07	3.03E-05	0.00E+00	3.28E-08	0.00E+00	7.53E-10	1.22E-06	0.00E+00	0.00E+00	3.03E-05
610	ALL	463686.2	3773573	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.57E-10	7.57E-10	3.57E-07	3.04E-05	0.00E+00	3.30E-08	0.00E+00	7.57E-10	1.22E-06	0.00E+00	0.00E+00	3.04E-05
611	ALL	463683	3773582	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.61E-10	7.61E-10	3.59E-07	3.05E-05	0.00E+00	3.32E-08	0.00E+00	7.61E-10	1.23E-06	0.00E+00	0.00E+00	3.05E-05
612	ALL	463679.8	3773591	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.65E-10	7.65E-10	3.61E-07	3.07E-05	0.00E+00	3.33E-08	0.00E+00	7.65E-10	1.24E-06	0.00E+00	0.00E+00	3.07E-05
613	ALL	463676.5	3773599	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.69E-10	7.69E-10	3.63E-07	3.08E-05	0.00E+00	3.35E-08	0.00E+00	7.69E-10	1.24E-06	0.00E+00	0.00E+00	3.08E-05
614	ALL	463673.3	3773608	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.73E-10	7.73E-10	3.65E-07	3.09E-05	0.00E+00	3.37E-08	0.00E+00	7.73E-10	1.25E-06	0.00E+00	0.00E+00	3.09E-05
615	ALL	463670	3773617	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.77E-10	7.77E-10	3.67E-07	3.10E-05	0.00E+00	3.38E-08	0.00E+00	7.77E-10	1.25E-06	0.00E+00	0.00E+00	3.10E-05
616	ALL	463666.8	3773626	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.81E-10	7.81E-10	3.69E-07	3.11E-05	0.00E+00	3.40E-08	0.00E+00	7.81E-10	1.26E-06	0.00E+00	0.00E+00	3.11E-05
617	ALL	463663.6	3773634	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.85E-10	7.85E-10	3.70E-07	3.12E-05	0.00E+00	3.42E-08	0.00E+00	7.85E-10	1.27E-06	0.00E+00	0.00E+00	3.12E-05
618	ALL	463660.3	3773643	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.90E-10	7.90E-10	3.73E-07	3.14E-05	0.00E+00	3.44E-08	0.00E+00	7.90E-10	1.28E-06	0.00E+00	0.00E+00	3.14E-05
619	ALL	463657.1	3773652	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.95E-10	7.95E-10	3.75E-07	3.18E-05	0.00E+00	3.46E-08	0.00E+00	7.95E-10	1.28E-06	0.00E+00	0.00E+00	3.18E-05
620	ALL	463653.9	3773661	NonCancer	0.00E+00	1.13E-08	0.00E+00	8.00E-10	8.00E-10	3.77E-07	3.19E-05	0.00E+00	3.48E-08	0.00E+00	8.00E-10	1.29E-06	0.00E+00	0.00E+00	3.19E-05
621	ALL	463650.6	3773669	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.05E-10	8.05E-10	3.80E-07	3.20E-05	0.00E+00	3.51E-08	0.00E+00	8.05E-10	1.30E-06	0.00E+00	0.00E+00	3.20E-05
622	ALL	463647.4	3773678	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.10E-10	8.10E-10	3.82E-07	3.22E-05	0.00E+00	3.53E-08	0.00E+00	8.10E-10	1.31E-06	0.00E+00	0.00E+00	3.22E-05
623	ALL	463644.2	3773687	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.15E-10	8.15E-10	3.85E-07	3.23E-05	0.00E+00	3.55E-08	0.00E+00	8.15E-10	1.32E-06	0.00E+00	0.00E+00	3.23E-05
624	ALL	463640.9	3773695	NonCancer	0.00E+00	1.16E-08	0.00E+00	8.22E-10	8.22E-10	3.88E-07	3.25E-05	0.00E+00	3.58E-08	0.00E+00	8.22E-10	1.33E-06	0.00E+00	0.00E+00	3.25E-05
625	ALL	463637.7	3773704	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.28E-10	8.28E-10	3.91E-07	3.28E-05	0.00E+00	3.61E-08	0.00E+00	8.28E-10	1.34E-06	0.00E+00	0.00E+00	3.28E-05
626	ALL	463634.5	3773713	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.35E-10	8.35E-10	3.94E-07	3.30E-05	0.00E+00	3.64E-08	0.00E+00	8.35E-10	1.35E-06	0.00E+00	0.00E+00	3.30E-05
627	ALL	463631.2	3773722	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.42E-10	8.42E-10	3.97E-07	3.32E-05	0.00E+00	3.67E-08	0.00E+00	8.42E-10	1.36E-06	0.00E+00	0.00E+00	3.32E-05
628	ALL	463628	3773730	NonCancer	0.00E+00	1.20E-08	0.00E+00	8.50E-10	8.50E-10	4.01E-07	3.34E-05	0.00E+00	3.70E-08	0.00E+00	8.50E-10	1.37E-06	0.00E+00	0.00E+00	3.34E-05
629	ALL	463624.7	3773739	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.58E-10	8.58E-10	4.05E-07	3.37E-05	0.00E+00	3.74E-08	0.00E+00	8.58E-10	1.39E-06	0.00E+00	0.00E+00	3.37E-05
630	ALL	463621.5	3773748	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.65E-10	8.65E-10	4.08E-07	3.39E-05	0.00E+00	3.77E-08	0.00E+00	8.65E-10	1.40E-06	0.00E+00	0.00E+00	3.39E-05
631	ALL	463618.3	3773757	NonCancer	0.00E+00	1.23E-08	0.00E+00	8.72E-10	8.72E-10	4.12E-07	3.41E-05	0.00E+00	3.80E-08	0.00E+00	8.72E-10	1.41E-06	0.00E+00	0.00E+00	3.41E-05
632	ALL	463758.6	3773486	NonCancer	0.00E+00	8.89E-09	0.00E+00	6.28E-10	6.28E-10	2.96E-07	2.58E-05	0.00E+00	2.74E-08	0.00E+00	6.28E-10	1.01E-06	0.00E+00	0.00E+00	2.58E-05
633	ALL	463755.3	3773494	NonCancer	0.00E+00	8.96E-09	0.00E+00	6.33E-10	6.33E-10	2.99E-07	2.59E-05	0.00E+00	2.76E-08	0.00E+00	6.33E-10	1.02E-06	0.00E+00	0.00E+00	2.59E-05
634	ALL	463752.1	3773503	NonCancer	0.00E+00	9.02E-09	0.00E+00	6.38E-10	6.38E-10	3.01E-07	2.61E-05	0.00E+00	2.78E-08	0.00E+00	6.38E-10	1.03E-06	0.00E+00	0.00E+00	2.61E-05
635	ALL	463748.9	3773512	NonCancer	0.00E+00	9.08E-09	0.00E+00	6.42E-10	6.42E-10	3.03E-07	2.62E-05	0.00E+00	2.80E-08	0.00E+00	6.42E-10	1.04E-06	0.00E+00	0.00E+00	2.62E-05
636	ALL	463745.6	3773521	NonCancer	0.00E+00	9.14E-09	0.00E+00	6.46E-10	6.46E-10	3.05E-07	2.64E-05	0.00E+00	2.81E-08	0.00E+00	6.46E-10	1.04E-06	0.00E+00	0.00E+00	2.64E-05
637	ALL	463742.4	3773529	NonCancer	0.00E+00	9.20E-09	0.00E+00	6.50E-10	6.50E-10	3.07E-07	2.65E-05	0.00E+00	2.83E-08	0.00E+00	6.50E-10	1.05E-06	0.00E+00	0.00E+00	2.65E-05
638	ALL	463739.2	3773538	NonCancer	0.00E+00	9.25E-09	0.00E+00	6.54E-10	6.54E-10	3.09E-07	2.66E-05	0.00E+00	2.85E-08	0.00E+00	6.54E-10	1.06E-06	0.00E+00	0.00E+00	2.66E-05
639	ALL	463735.9	3773547	NonCancer	0.00E+00	9.30E-09	0.00E+00	6.57E-10	6.57E-10	3.10E-07	2.67E-05	0.00E+00	2.86E-08	0.00E+00	6.57E-10	1.06E-06	0.00E+00	0.00E+00	2.67E-05
640	ALL	463732.7	3773556	NonCancer	0.00E+00	9.35E-09	0.00E+00	6.61E-10	6.61E-10	3.12E-07	2.68E-05	0.00E+00	2.88E-08	0.00E+00	6.61E-10	1.07E-06	0.00E+00	0.00E+00	2.68E-05
641	ALL	463729.5	3773564	NonCancer	0.00E+00	9.40E-09	0.00E+00	6.64E-10	6.64E-10	3.14E-07	2.69E-05	0.00E+00	2.89E-08	0.00E+00	6.64E-10	1.07E-06	0.00E+00	0.00E+00	2.69E-05
642	ALL	463726.2	3773573	NonCancer	0.00E+00	9.45E-09	0.00E+00	6.68E-10	6.68E-10	3.15E-07	2.70E-05	0.00E+00	2.91E-08	0.00E+00	6.68E-10	1.08E-06	0.00E+00	0.00E+00	2.70E-05
643	ALL	463723	3773582	NonCancer	0.00E+00	9.49E-09	0.00E+00	6.71E-10	6.71E-10	3.16E-07	2.71E-05	0.00E+00	2.92E-08	0.00E+00	6.71E-10	1.08E-06	0.00E+00	0.00E+00	2.71E-05
644	ALL	463719.8	3773591	NonCancer	0.00E+00	9.53E-09	0.00E+00	6.74E-10	6.74E-10	3.18E-07	2.72E-05	0.00E+00	2.93E-08	0.00E+00	6.74E-10	1.09E-06	0.00E+00	0.00E+00	2.72E-05
645	ALL	463716.5	3773599	NonCancer	0.00E+00	9.57E-09	0.00E+00	6.76E-10	6.76E-10	3.19E-07	2.73E-05	0.00E+00	2.95E-08	0.00E+00	6.76E-10	1.09E-06	0.00E+00	0.00E+00	2.73E-05
646	ALL	463713.3	3773608	NonCancer	0.00E+00	9.61E-09	0.00E+00	6.79E-10	6.79E-10	3.21E-07	2.74E-05	0.00E+00	2.96E-08	0.00E+00	6.79E-10	1.10E-06	0.00E+00	0.00E+00	2.74E-05

647	ALL	463710	3773617	NonCancer	0.00E+00	9.65E-09	0.00E+00	6.82E-10	6.82E-10	3.22E-07	2.74E-05	0.00E+00	2.97E-08	0.00E+00	6.82E-10	1.10E-06	0.00E+00	0.00E+00	2.74E-05
648	ALL	463706.8	3773625	NonCancer	0.00E+00	9.69E-09	0.00E+00	6.85E-10	6.85E-10	3.23E-07	2.75E-05	0.00E+00	2.98E-08	0.00E+00	6.85E-10	1.11E-06	0.00E+00	0.00E+00	2.75E-05
649	ALL	463703.6	3773634	NonCancer	0.00E+00	9.74E-09	0.00E+00	6.88E-10	6.88E-10	3.25E-07	2.76E-05	0.00E+00	3.00E-08	0.00E+00	6.88E-10	1.11E-06	0.00E+00	0.00E+00	2.76E-05
650	ALL	463700.3	3773643	NonCancer	0.00E+00	9.78E-09	0.00E+00	6.91E-10	6.91E-10	3.26E-07	2.77E-05	0.00E+00	3.01E-08	0.00E+00	6.91E-10	1.12E-06	0.00E+00	0.00E+00	2.77E-05
651	ALL	463697.1	3773652	NonCancer	0.00E+00	9.83E-09	0.00E+00	6.94E-10	6.94E-10	3.28E-07	2.78E-05	0.00E+00	3.03E-08	0.00E+00	6.94E-10	1.12E-06	0.00E+00	0.00E+00	2.78E-05
652	ALL	463693.9	3773660	NonCancer	0.00E+00	9.87E-09	0.00E+00	6.98E-10	6.98E-10	3.29E-07	2.78E-05	0.00E+00	3.04E-08	0.00E+00	6.98E-10	1.13E-06	0.00E+00	0.00E+00	2.78E-05
653	ALL	463690.6	3773669	NonCancer	0.00E+00	9.92E-09	0.00E+00	7.01E-10	7.01E-10	3.31E-07	2.79E-05	0.00E+00	3.05E-08	0.00E+00	7.01E-10	1.13E-06	0.00E+00	0.00E+00	2.79E-05
654	ALL	463687.4	3773678	NonCancer	0.00E+00	9.97E-09	0.00E+00	7.05E-10	7.05E-10	3.33E-07	2.81E-05	0.00E+00	3.07E-08	0.00E+00	7.05E-10	1.14E-06	0.00E+00	0.00E+00	2.81E-05
655	ALL	463684.2	3773687	NonCancer	0.00E+00	1.00E-08	0.00E+00	7.08E-10	7.08E-10	3.34E-07	2.84E-05	0.00E+00	3.09E-08	0.00E+00	7.08E-10	1.14E-06	0.00E+00	0.00E+00	2.84E-05
656	ALL	463680.9	3773695	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.13E-10	7.13E-10	3.36E-07	2.85E-05	0.00E+00	3.11E-08	0.00E+00	7.13E-10	1.15E-06	0.00E+00	0.00E+00	2.85E-05
657	ALL	463677.7	3773704	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.17E-10	7.17E-10	3.38E-07	2.87E-05	0.00E+00	3.12E-08	0.00E+00	7.17E-10	1.16E-06	0.00E+00	0.00E+00	2.87E-05
658	ALL	463674.5	3773713	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.22E-10	7.22E-10	3.41E-07	2.88E-05	0.00E+00	3.14E-08	0.00E+00	7.22E-10	1.17E-06	0.00E+00	0.00E+00	2.88E-05
659	ALL	463671.2	3773722	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.26E-10	7.26E-10	3.43E-07	2.89E-05	0.00E+00	3.16E-08	0.00E+00	7.26E-10	1.17E-06	0.00E+00	0.00E+00	2.89E-05
660	ALL	463668	3773730	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.30E-10	7.30E-10	3.44E-07	2.90E-05	0.00E+00	3.18E-08	0.00E+00	7.30E-10	1.18E-06	0.00E+00	0.00E+00	2.90E-05
661	ALL	463664.7	3773739	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.34E-10	7.34E-10	3.46E-07	2.91E-05	0.00E+00	3.20E-08	0.00E+00	7.34E-10	1.19E-06	0.00E+00	0.00E+00	2.91E-05
662	ALL	463661.5	3773748	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.39E-10	7.39E-10	3.49E-07	2.92E-05	0.00E+00	3.22E-08	0.00E+00	7.39E-10	1.19E-06	0.00E+00	0.00E+00	2.92E-05
663	ALL	463658.3	3773756	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.45E-10	7.45E-10	3.51E-07	2.94E-05	0.00E+00	3.24E-08	0.00E+00	7.45E-10	1.20E-06	0.00E+00	0.00E+00	2.94E-05
664	ALL	463655	3773765	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.50E-10	7.50E-10	3.54E-07	2.96E-05	0.00E+00	3.27E-08	0.00E+00	7.50E-10	1.21E-06	0.00E+00	0.00E+00	2.96E-05
665	ALL	463651.8	3773774	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.56E-10	7.56E-10	3.57E-07	2.98E-05	0.00E+00	3.29E-08	0.00E+00	7.56E-10	1.22E-06	0.00E+00	0.00E+00	2.98E-05
666	ALL	463648.6	3773783	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.61E-10	7.61E-10	3.59E-07	2.99E-05	0.00E+00	3.31E-08	0.00E+00	7.61E-10	1.23E-06	0.00E+00	0.00E+00	2.99E-05
667	ALL	463798.6	3773486	NonCancer	0.00E+00	7.92E-09	0.00E+00	5.60E-10	5.60E-10	2.64E-07	2.31E-05	0.00E+00	2.44E-08	0.00E+00	5.60E-10	9.04E-07	0.00E+00	0.00E+00	2.31E-05
668	ALL	463795.3	3773494	NonCancer	0.00E+00	7.98E-09	0.00E+00	5.64E-10	5.64E-10	2.66E-07	2.32E-05	0.00E+00	2.46E-08	0.00E+00	5.64E-10	9.11E-07	0.00E+00	0.00E+00	2.32E-05
669	ALL	463792.1	3773503	NonCancer	0.00E+00	8.04E-09	0.00E+00	5.68E-10	5.68E-10	2.68E-07	2.34E-05	0.00E+00	2.48E-08	0.00E+00	5.68E-10	9.18E-07	0.00E+00	0.00E+00	2.34E-05
670	ALL	463788.9	3773512	NonCancer	0.00E+00	8.09E-09	0.00E+00	5.72E-10	5.72E-10	2.70E-07	2.35E-05	0.00E+00	2.49E-08	0.00E+00	5.72E-10	9.24E-07	0.00E+00	0.00E+00	2.35E-05
671	ALL	463785.6	3773521	NonCancer	0.00E+00	8.15E-09	0.00E+00	5.76E-10	5.76E-10	2.72E-07	2.36E-05	0.00E+00	2.51E-08	0.00E+00	5.76E-10	9.30E-07	0.00E+00	0.00E+00	2.36E-05
672	ALL	463782.4	3773529	NonCancer	0.00E+00	8.20E-09	0.00E+00	5.79E-10	5.79E-10	2.73E-07	2.37E-05	0.00E+00	2.52E-08	0.00E+00	5.79E-10	9.35E-07	0.00E+00	0.00E+00	2.37E-05
673	ALL	463779.2	3773538	NonCancer	0.00E+00	8.24E-09	0.00E+00	5.82E-10	5.82E-10	2.75E-07	2.38E-05	0.00E+00	2.54E-08	0.00E+00	5.82E-10	9.41E-07	0.00E+00	0.00E+00	2.38E-05
674	ALL	463775.9	3773547	NonCancer	0.00E+00	8.29E-09	0.00E+00	5.86E-10	5.86E-10	2.76E-07	2.39E-05	0.00E+00	2.55E-08	0.00E+00	5.86E-10	9.46E-07	0.00E+00	0.00E+00	2.39E-05
675	ALL	463772.7	3773556	NonCancer	0.00E+00	8.33E-09	0.00E+00	5.89E-10	5.89E-10	2.78E-07	2.40E-05	0.00E+00	2.57E-08	0.00E+00	5.89E-10	9.51E-07	0.00E+00	0.00E+00	2.40E-05
676	ALL	463769.5	3773564	NonCancer	0.00E+00	8.37E-09	0.00E+00	5.92E-10	5.92E-10	2.79E-07	2.41E-05	0.00E+00	2.58E-08	0.00E+00	5.92E-10	9.56E-07	0.00E+00	0.00E+00	2.41E-05
677	ALL	463766.2	3773573	NonCancer	0.00E+00	8.41E-09	0.00E+00	5.95E-10	5.95E-10	2.81E-07	2.42E-05	0.00E+00	2.59E-08	0.00E+00	5.95E-10	9.60E-07	0.00E+00	0.00E+00	2.42E-05
678	ALL	463763	3773582	NonCancer	0.00E+00	8.45E-09	0.00E+00	5.97E-10	5.97E-10	2.82E-07	2.43E-05	0.00E+00	2.60E-08	0.00E+00	5.97E-10	9.65E-07	0.00E+00	0.00E+00	2.43E-05
679	ALL	463759.8	3773590	NonCancer	0.00E+00	8.49E-09	0.00E+00	6.00E-10	6.00E-10	2.83E-07	2.44E-05	0.00E+00	2.61E-08	0.00E+00	6.00E-10	9.69E-07	0.00E+00	0.00E+00	2.44E-05
680	ALL	463756.5	3773599	NonCancer	0.00E+00	8.52E-09	0.00E+00	6.02E-10	6.02E-10	2.84E-07	2.44E-05	0.00E+00	2.62E-08	0.00E+00	6.02E-10	9.72E-07	0.00E+00	0.00E+00	2.44E-05
681	ALL	463753.3	3773608	NonCancer	0.00E+00	8.56E-09	0.00E+00	6.05E-10	6.05E-10	2.85E-07	2.45E-05	0.00E+00	2.63E-08	0.00E+00	6.05E-10	9.76E-07	0.00E+00	0.00E+00	2.45E-05
682	ALL	463750	3773617	NonCancer	0.00E+00	8.59E-09	0.00E+00	6.07E-10	6.07E-10	2.86E-07	2.46E-05	0.00E+00	2.64E-08	0.00E+00	6.07E-10	9.80E-07	0.00E+00	0.00E+00	2.46E-05
683	ALL	463746.8	3773625	NonCancer	0.00E+00	8.62E-09	0.00E+00	6.09E-10	6.09E-10	2.88E-07	2.46E-05	0.00E+00	2.65E-08	0.00E+00	6.09E-10	9.84E-07	0.00E+00	0.00E+00	2.46E-05
684	ALL	463743.6	3773634	NonCancer	0.00E+00	8.65E-09	0.00E+00	6.11E-10	6.11E-10	2.89E-07	2.47E-05	0.00E+00	2.66E-08	0.00E+00	6.11E-10	9.88E-07	0.00E+00	0.00E+00	2.47E-05
685	ALL	463740.3	3773643	NonCancer	0.00E+00	8.68E-09	0.00E+00	6.14E-10	6.14E-10	2.90E-07	2.47E-05	0.00E+00	2.67E-08	0.00E+00	6.14E-10	9.91E-07	0.00E+00	0.00E+00	2.47E-05
686	ALL	463737.1	3773652	NonCancer	0.00E+00	8.72E-09	0.00E+00	6.16E-10	6.16E-10	2.91E-07	2.48E-05	0.00E+00	2.68E-08	0.00E+00	6.16E-10	9.95E-07	0.00E+00	0.00E+00	2.48E-05
687	ALL	463733.9	3773660	NonCancer	0.00E+00	8.75E-09	0.00E+00	6.18E-10	6.18E-10	2.92E-07	2.49E-05	0.00E+00	2.69E-08	0.00E+00	6.18E-10	9.98E-07	0.00E+00	0.00E+00	2.49E-05
688	ALL	463730.6	3773669	NonCancer	0.00E+00	8.78E-09	0.00E+00	6.20E-10	6.20E-10	2.93E-07	2.49E-05	0.00E+00	2.70E-08	0.00E+00	6.20E-10	1.00E-06	0.00E+00	0.00E+00	2.49E-05
689	ALL	463727.4	3773678	NonCancer	0.00E+00	8.81E-09	0.00E+00	6.23E-10	6.23E-10	2.94E-07	2.50E-05	0.00E+00	2.71E-08	0.00E+00	6.23E-10	1.01E-06	0.00E+00	0.00E+00	2.50E-05
690	ALL	463724.2	3773687	NonCancer	0.00E+00	8.85E-09	0.00E+00	6.26E-10	6.26E-10	2.95E-07	2.53E-05	0.00E+00	2.73E-08	0.00E+00	6.26E-10	1.01E-06	0.00E+00	0.00E+00	2.53E-05
691	ALL	463720.9	3773695	NonCancer	0.00E+00	8.89E-09	0.00E+00	6.28E-10	6.28E-10	2.96E-07	2.53E-05	0.00E+00	2.74E-08	0.00E+00	6.28E-10	1.01E-06	0.00E+00	0.00E+00	2.53E-05
692	ALL	463717.7	3773704	NonCancer	0.00E+00	8.93E-09	0.00E+00	6.31E-10	6.31E-10	2.98E-07	2.54E-05	0.00E+00	2.75E-08	0.00E+00	6.31E-10	1.02E-06	0.00E+00	0.00E+00	2.54E-05
693	ALL	463714.5	3773713	NonCancer	0.00E+00	8.97E-09	0.00E+00	6.34E-10	6.34E-10	2.99E-07	2.55E-05	0.00E+00	2.76E-08	0.00E+00	6.34E-10	1.02E-06	0.00E+00	0.00E+00	2.55E-05
694	ALL	463711.2	3773721	NonCancer	0.00E+00	9.01E-09	0.00E+00	6.37E-10	6.37E-10	3.01E-07	2.56E-05	0.00E+00	2.77E-08	0.00E+00	6.37E-10	1.03E-06	0.00E+00	0.00E+00	2.56E-05
695	ALL	463708	3773730	NonCancer	0.00E+00	9.06E-09	0.00E+00	6.40E-10	6.40E-10	3.02E-07	2.57E-05	0.00E+00	2.79E-08	0.00E+00	6.40E-10	1.03E-06	0.00E+00	0.00E+00	2.57E-05
696	ALL	463704.7	3773739	NonCancer	0.00E+00	9.10E-09	0.00E+00	6.43E-10	6.43E-10	3.04E-07	2.58E-05	0.00E+00	2.80E-08	0.00E+00	6.43E-10	1.04E-06	0.00E+00	0.00E+00	2.58E-05
697	ALL	463701.5	3773748	NonCancer	0.00E+00	9.15E-09	0.00E+00	6.46E-10	6.46E-10	3.05E-07	2.59E-05	0.00E+00	2.82E-08	0.00E+00	6.46E-10	1.04E-06	0.00E+00	0.00E+00	2.59E-05
698	ALL	463698.3	3773756	NonCancer	0.00E+00	9.19E-09	0.00E+00	6.49E-10	6.49E-10	3.06E-07	2.59E-05	0.00E+00	2.83E-08	0.00E+00	6.49E-10	1.05E-06	0.00E+00	0.00E+00	2.59E-05
699	ALL	463695	3773765	NonCancer	0.00E+00	9.23E-09	0.00E+00	6.52E-10	6.52E-10	3.08E-07	2.60E-05	0.00E+00	2.84E-08	0.00E+00	6.52E-10	1.05E-06	0.00E+00	0.00E+00	2.60E-05
700	ALL	463691.8	3773774	NonCancer	0.00E+00	9.27E-09	0.00E+00	6.55E-10	6.55E-10	3.09E-07	2.60E-05	0.00E+00	2.85E-08	0.00E+00	6.55E-10	1.06E-06	0.00E+00	0.00E+00	2.60E-05

701	ALL	463688.6	3773783	NonCancer	0.00E+00	9.33E-09	0.00E+00	6.59E-10	6.59E-10	3.11E-07	2.62E-05	0.00E+00	2.87E-08	0.00E+00	6.59E-10	1.06E-06	0.00E+00	0.00E+00	2.62E-05
702	ALL	463685.3	3773791	NonCancer	0.00E+00	9.39E-09	0.00E+00	6.64E-10	6.64E-10	3.13E-07	2.63E-05	0.00E+00	2.89E-08	0.00E+00	6.64E-10	1.07E-06	0.00E+00	0.00E+00	2.63E-05
703	ALL	463682.1	3773800	NonCancer	0.00E+00	9.45E-09	0.00E+00	6.68E-10	6.68E-10	3.15E-07	2.64E-05	0.00E+00	2.91E-08	0.00E+00	6.68E-10	1.08E-06	0.00E+00	0.00E+00	2.64E-05
704	ALL	463678.9	3773809	NonCancer	0.00E+00	9.50E-09	0.00E+00	6.71E-10	6.71E-10	3.17E-07	2.65E-05	0.00E+00	2.92E-08	0.00E+00	6.71E-10	1.08E-06	0.00E+00	0.00E+00	2.65E-05
705	ALL	463835.3	3773494	NonCancer	0.00E+00	7.16E-09	0.00E+00	5.06E-10	5.06E-10	2.39E-07	2.10E-05	0.00E+00	2.21E-08	0.00E+00	5.06E-10	8.18E-07	0.00E+00	0.00E+00	2.10E-05
706	ALL	463832.1	3773503	NonCancer	0.00E+00	7.22E-09	0.00E+00	5.10E-10	5.10E-10	2.41E-07	2.11E-05	0.00E+00	2.22E-08	0.00E+00	5.10E-10	8.24E-07	0.00E+00	0.00E+00	2.11E-05
707	ALL	463828.9	3773512	NonCancer	0.00E+00	7.27E-09	0.00E+00	5.13E-10	5.13E-10	2.42E-07	2.12E-05	0.00E+00	2.24E-08	0.00E+00	5.13E-10	8.29E-07	0.00E+00	0.00E+00	2.12E-05
708	ALL	463825.6	3773521	NonCancer	0.00E+00	7.31E-09	0.00E+00	5.17E-10	5.17E-10	2.44E-07	2.13E-05	0.00E+00	2.25E-08	0.00E+00	5.17E-10	8.35E-07	0.00E+00	0.00E+00	2.13E-05
709	ALL	463822.4	3773529	NonCancer	0.00E+00	7.36E-09	0.00E+00	5.20E-10	5.20E-10	2.45E-07	2.14E-05	0.00E+00	2.27E-08	0.00E+00	5.20E-10	8.40E-07	0.00E+00	0.00E+00	2.14E-05
710	ALL	463819.2	3773538	NonCancer	0.00E+00	7.40E-09	0.00E+00	5.23E-10	5.23E-10	2.47E-07	2.15E-05	0.00E+00	2.28E-08	0.00E+00	5.23E-10	8.45E-07	0.00E+00	0.00E+00	2.15E-05
711	ALL	463815.9	3773547	NonCancer	0.00E+00	7.44E-09	0.00E+00	5.26E-10	5.26E-10	2.48E-07	2.16E-05	0.00E+00	2.29E-08	0.00E+00	5.26E-10	8.49E-07	0.00E+00	0.00E+00	2.16E-05
712	ALL	463812.7	3773555	NonCancer	0.00E+00	7.48E-09	0.00E+00	5.29E-10	5.29E-10	2.50E-07	2.17E-05	0.00E+00	2.30E-08	0.00E+00	5.29E-10	8.54E-07	0.00E+00	0.00E+00	2.17E-05
713	ALL	463809.5	3773564	NonCancer	0.00E+00	7.52E-09	0.00E+00	5.31E-10	5.31E-10	2.51E-07	2.18E-05	0.00E+00	2.32E-08	0.00E+00	5.31E-10	8.58E-07	0.00E+00	0.00E+00	2.18E-05
714	ALL	463806.2	3773573	NonCancer	0.00E+00	7.56E-09	0.00E+00	5.34E-10	5.34E-10	2.52E-07	2.19E-05	0.00E+00	2.33E-08	0.00E+00	5.34E-10	8.62E-07	0.00E+00	0.00E+00	2.19E-05
715	ALL	463803	3773582	NonCancer	0.00E+00	7.59E-09	0.00E+00	5.36E-10	5.36E-10	2.53E-07	2.19E-05	0.00E+00	2.34E-08	0.00E+00	5.36E-10	8.66E-07	0.00E+00	0.00E+00	2.19E-05
716	ALL	463799.8	3773590	NonCancer	0.00E+00	7.62E-09	0.00E+00	5.38E-10	5.38E-10	2.54E-07	2.20E-05	0.00E+00	2.35E-08	0.00E+00	5.38E-10	8.70E-07	0.00E+00	0.00E+00	2.20E-05
717	ALL	463796.5	3773599	NonCancer	0.00E+00	7.65E-09	0.00E+00	5.40E-10	5.40E-10	2.55E-07	2.21E-05	0.00E+00	2.35E-08	0.00E+00	5.40E-10	8.73E-07	0.00E+00	0.00E+00	2.21E-05
718	ALL	463793.3	3773608	NonCancer	0.00E+00	7.68E-09	0.00E+00	5.43E-10	5.43E-10	2.56E-07	2.21E-05	0.00E+00	2.36E-08	0.00E+00	5.43E-10	8.76E-07	0.00E+00	0.00E+00	2.21E-05
719	ALL	463790	3773617	NonCancer	0.00E+00	7.71E-09	0.00E+00	5.45E-10	5.45E-10	2.57E-07	2.22E-05	0.00E+00	2.37E-08	0.00E+00	5.45E-10	8.80E-07	0.00E+00	0.00E+00	2.22E-05
720	ALL	463786.8	3773625	NonCancer	0.00E+00	7.74E-09	0.00E+00	5.47E-10	5.47E-10	2.58E-07	2.22E-05	0.00E+00	2.38E-08	0.00E+00	5.47E-10	8.83E-07	0.00E+00	0.00E+00	2.22E-05
721	ALL	463783.6	3773634	NonCancer	0.00E+00	7.76E-09	0.00E+00	5.48E-10	5.48E-10	2.59E-07	2.23E-05	0.00E+00	2.39E-08	0.00E+00	5.48E-10	8.86E-07	0.00E+00	0.00E+00	2.23E-05
722	ALL	463780.3	3773643	NonCancer	0.00E+00	7.79E-09	0.00E+00	5.50E-10	5.50E-10	2.60E-07	2.23E-05	0.00E+00	2.40E-08	0.00E+00	5.50E-10	8.89E-07	0.00E+00	0.00E+00	2.23E-05
723	ALL	463777.1	3773652	NonCancer	0.00E+00	7.81E-09	0.00E+00	5.52E-10	5.52E-10	2.60E-07	2.24E-05	0.00E+00	2.40E-08	0.00E+00	5.52E-10	8.91E-07	0.00E+00	0.00E+00	2.24E-05
724	ALL	463773.9	3773660	NonCancer	0.00E+00	7.83E-09	0.00E+00	5.54E-10	5.54E-10	2.61E-07	2.24E-05	0.00E+00	2.41E-08	0.00E+00	5.54E-10	8.94E-07	0.00E+00	0.00E+00	2.24E-05
725	ALL	463770.6	3773669	NonCancer	0.00E+00	7.86E-09	0.00E+00	5.55E-10	5.55E-10	2.62E-07	2.25E-05	0.00E+00	2.42E-08	0.00E+00	5.55E-10	8.97E-07	0.00E+00	0.00E+00	2.25E-05
726	ALL	463767.4	3773678	NonCancer	0.00E+00	7.89E-09	0.00E+00	5.57E-10	5.57E-10	2.63E-07	2.25E-05	0.00E+00	2.43E-08	0.00E+00	5.57E-10	9.00E-07	0.00E+00	0.00E+00	2.25E-05
727	ALL	463764.2	3773686	NonCancer	0.00E+00	7.91E-09	0.00E+00	5.59E-10	5.59E-10	2.64E-07	2.25E-05	0.00E+00	2.44E-08	0.00E+00	5.59E-10	9.03E-07	0.00E+00	0.00E+00	2.25E-05
728	ALL	463760.9	3773695	NonCancer	0.00E+00	7.93E-09	0.00E+00	5.61E-10	5.61E-10	2.65E-07	2.26E-05	0.00E+00	2.44E-08	0.00E+00	5.61E-10	9.05E-07	0.00E+00	0.00E+00	2.26E-05
729	ALL	463757.7	3773704	NonCancer	0.00E+00	7.96E-09	0.00E+00	5.62E-10	5.62E-10	2.65E-07	2.26E-05	0.00E+00	2.45E-08	0.00E+00	5.62E-10	9.08E-07	0.00E+00	0.00E+00	2.26E-05
730	ALL	463754.5	3773713	NonCancer	0.00E+00	7.99E-09	0.00E+00	5.65E-10	5.65E-10	2.66E-07	2.29E-05	0.00E+00	2.46E-08	0.00E+00	5.65E-10	9.12E-07	0.00E+00	0.00E+00	2.29E-05
731	ALL	463751.2	3773721	NonCancer	0.00E+00	8.02E-09	0.00E+00	5.67E-10	5.67E-10	2.67E-07	2.29E-05	0.00E+00	2.47E-08	0.00E+00	5.67E-10	9.15E-07	0.00E+00	0.00E+00	2.29E-05
732	ALL	463748	3773730	NonCancer	0.00E+00	8.04E-09	0.00E+00	5.68E-10	5.68E-10	2.68E-07	2.30E-05	0.00E+00	2.48E-08	0.00E+00	5.68E-10	9.18E-07	0.00E+00	0.00E+00	2.30E-05
733	ALL	463744.7	3773739	NonCancer	0.00E+00	8.07E-09	0.00E+00	5.70E-10	5.70E-10	2.69E-07	2.30E-05	0.00E+00	2.49E-08	0.00E+00	5.70E-10	9.21E-07	0.00E+00	0.00E+00	2.30E-05
734	ALL	463741.5	3773748	NonCancer	0.00E+00	8.10E-09	0.00E+00	5.73E-10	5.73E-10	2.70E-07	2.31E-05	0.00E+00	2.50E-08	0.00E+00	5.73E-10	9.25E-07	0.00E+00	0.00E+00	2.31E-05
735	ALL	463738.3	3773756	NonCancer	0.00E+00	8.14E-09	0.00E+00	5.75E-10	5.75E-10	2.71E-07	2.31E-05	0.00E+00	2.51E-08	0.00E+00	5.75E-10	9.29E-07	0.00E+00	0.00E+00	2.31E-05
736	ALL	463735	3773765	NonCancer	0.00E+00	8.17E-09	0.00E+00	5.78E-10	5.78E-10	2.73E-07	2.32E-05	0.00E+00	2.52E-08	0.00E+00	5.78E-10	9.33E-07	0.00E+00	0.00E+00	2.32E-05
737	ALL	463731.8	3773774	NonCancer	0.00E+00	8.21E-09	0.00E+00	5.80E-10	5.80E-10	2.74E-07	2.33E-05	0.00E+00	2.53E-08	0.00E+00	5.80E-10	9.37E-07	0.00E+00	0.00E+00	2.33E-05
738	ALL	463728.6	3773783	NonCancer	0.00E+00	8.24E-09	0.00E+00	5.83E-10	5.83E-10	2.75E-07	2.33E-05	0.00E+00	2.54E-08	0.00E+00	5.83E-10	9.41E-07	0.00E+00	0.00E+00	2.33E-05
739	ALL	463725.3	3773791	NonCancer	0.00E+00	8.29E-09	0.00E+00	5.86E-10	5.86E-10	2.76E-07	2.34E-05	0.00E+00	2.55E-08	0.00E+00	5.86E-10	9.46E-07	0.00E+00	0.00E+00	2.34E-05
740	ALL	463722.1	3773800	NonCancer	0.00E+00	8.33E-09	0.00E+00	5.89E-10	5.89E-10	2.78E-07	2.35E-05	0.00E+00	2.57E-08	0.00E+00	5.89E-10	9.51E-07	0.00E+00	0.00E+00	2.35E-05
741	ALL	463718.9	3773809	NonCancer	0.00E+00	8.37E-09	0.00E+00	5.92E-10	5.92E-10	2.79E-07	2.36E-05	0.00E+00	2.58E-08	0.00E+00	5.92E-10	9.56E-07	0.00E+00	0.00E+00	2.36E-05
742	ALL	463715.6	3773817	NonCancer	0.00E+00	8.40E-09	0.00E+00	5.94E-10	5.94E-10	2.80E-07	2.36E-05	0.00E+00	2.59E-08	0.00E+00	5.94E-10	9.59E-07	0.00E+00	0.00E+00	2.36E-05
743	ALL	463712.4	3773826	NonCancer	0.00E+00	8.43E-09	0.00E+00	5.96E-10	5.96E-10	2.81E-07	2.37E-05	0.00E+00	2.60E-08	0.00E+00	5.96E-10	9.62E-07	0.00E+00	0.00E+00	2.37E-05
744	ALL	463709.2	3773835	NonCancer	0.00E+00	8.46E-09	0.00E+00	5.98E-10	5.98E-10	2.82E-07	2.37E-05	0.00E+00	2.60E-08	0.00E+00	5.98E-10	9.66E-07	0.00E+00	0.00E+00	2.37E-05
745	ALL	463875.3	3773494	NonCancer	0.00E+00	6.47E-09	0.00E+00	4.57E-10	4.57E-10	2.16E-07	1.90E-05	0.00E+00	1.99E-08	0.00E+00	4.57E-10	7.39E-07	0.00E+00	0.00E+00	1.90E-05
746	ALL	463872.1	3773503	NonCancer	0.00E+00	6.52E-09	0.00E+00	4.61E-10	4.61E-10	2.17E-07	1.91E-05	0.00E+00	2.01E-08	0.00E+00	4.61E-10	7.44E-07	0.00E+00	0.00E+00	1.91E-05
747	ALL	463868.9	3773512	NonCancer	0.00E+00	6.56E-09	0.00E+00	4.64E-10	4.64E-10	2.19E-07	1.93E-05	0.00E+00	2.02E-08	0.00E+00	4.64E-10	7.49E-07	0.00E+00	0.00E+00	1.93E-05
748	ALL	463865.6	3773520	NonCancer	0.00E+00	6.61E-09	0.00E+00	4.67E-10	4.67E-10	2.20E-07	1.94E-05	0.00E+00	2.03E-08	0.00E+00	4.67E-10	7.54E-07	0.00E+00	0.00E+00	1.94E-05
749	ALL	463862.4	3773529	NonCancer	0.00E+00	6.65E-09	0.00E+00	4.70E-10	4.70E-10	2.22E-07	1.95E-05	0.00E+00	2.05E-08	0.00E+00	4.70E-10	7.59E-07	0.00E+00	0.00E+00	1.95E-05
750	ALL	463859.2	3773538	NonCancer	0.00E+00	6.69E-09	0.00E+00	4.73E-10	4.73E-10	2.23E-07	1.96E-05	0.00E+00	2.06E-08	0.00E+00	4.73E-10	7.63E-07	0.00E+00	0.00E+00	1.96E-05
751	ALL	463855.9	3773547	NonCancer	0.00E+00	6.73E-09	0.00E+00	4.75E-10	4.75E-10	2.24E-07	1.96E-05	0.00E+00	2.07E-08	0.00E+00	4.75E-10	7.68E-07	0.00E+00	0.00E+00	1.96E-05
752	ALL	463852.7	3773555	NonCancer	0.00E+00	6.76E-09	0.00E+00	4.78E-10	4.78E-10	2.26E-07	1.97E-05	0.00E+00	2.08E-08	0.00E+00	4.78E-10	7.72E-07	0.00E+00	0.00E+00	1.97E-05
753	ALL	463849.5	3773564	NonCancer	0.00E+00	6.80E-09	0.00E+00	4.80E-10	4.80E-10	2.27E-07	1.98E-05	0.00E+00	2.09E-08	0.00E+00	4.80E-10	7.76E-07	0.00E+00	0.00E+00	1.98E-05
754	ALL	463846.2	3773573	NonCancer	0.00E+00	6.83E-09	0.00E+00	4.83E-10	4.83E-10	2.28E-07	1.99E-05	0.00E+00	2.10E-08	0.00E+00	4.83E-10	7.80E-07	0.00E+00	0.00E+00	1.99E-05

755	ALL	463843	3773582	NonCancer	0.00E+00	6.86E-09	0.00E+00	4.85E-10	4.85E-10	2.29E-07	1.99E-05	0.00E+00	2.11E-08	0.00E+00	4.85E-10	7.83E-07	0.00E+00	0.00E+00	1.99E-05
756	ALL	463839.8	3773590	NonCancer	0.00E+00	6.89E-09	0.00E+00	4.87E-10	4.87E-10	2.30E-07	2.00E-05	0.00E+00	2.12E-08	0.00E+00	4.87E-10	7.86E-07	0.00E+00	0.00E+00	2.00E-05
757	ALL	463836.5	3773599	NonCancer	0.00E+00	6.92E-09	0.00E+00	4.89E-10	4.89E-10	2.31E-07	2.01E-05	0.00E+00	2.13E-08	0.00E+00	4.89E-10	7.89E-07	0.00E+00	0.00E+00	2.01E-05
758	ALL	463833.3	3773608	NonCancer	0.00E+00	6.94E-09	0.00E+00	4.91E-10	4.91E-10	2.32E-07	2.01E-05	0.00E+00	2.14E-08	0.00E+00	4.91E-10	7.92E-07	0.00E+00	0.00E+00	2.01E-05
759	ALL	463830	3773617	NonCancer	0.00E+00	6.97E-09	0.00E+00	4.92E-10	4.92E-10	2.32E-07	2.02E-05	0.00E+00	2.15E-08	0.00E+00	4.92E-10	7.95E-07	0.00E+00	0.00E+00	2.02E-05
760	ALL	463826.8	3773625	NonCancer	0.00E+00	6.99E-09	0.00E+00	4.94E-10	4.94E-10	2.33E-07	2.02E-05	0.00E+00	2.15E-08	0.00E+00	4.94E-10	7.98E-07	0.00E+00	0.00E+00	2.02E-05
761	ALL	463823.6	3773634	NonCancer	0.00E+00	7.02E-09	0.00E+00	4.96E-10	4.96E-10	2.34E-07	2.03E-05	0.00E+00	2.16E-08	0.00E+00	4.96E-10	8.01E-07	0.00E+00	0.00E+00	2.03E-05
762	ALL	463820.3	3773643	NonCancer	0.00E+00	7.04E-09	0.00E+00	4.97E-10	4.97E-10	2.35E-07	2.03E-05	0.00E+00	2.17E-08	0.00E+00	4.97E-10	8.03E-07	0.00E+00	0.00E+00	2.03E-05
763	ALL	463817.1	3773651	NonCancer	0.00E+00	7.06E-09	0.00E+00	4.99E-10	4.99E-10	2.35E-07	2.03E-05	0.00E+00	2.17E-08	0.00E+00	4.99E-10	8.05E-07	0.00E+00	0.00E+00	2.03E-05
764	ALL	463813.9	3773660	NonCancer	0.00E+00	7.08E-09	0.00E+00	5.00E-10	5.00E-10	2.36E-07	2.04E-05	0.00E+00	2.18E-08	0.00E+00	5.00E-10	8.08E-07	0.00E+00	0.00E+00	2.04E-05
765	ALL	463810.6	3773669	NonCancer	0.00E+00	7.10E-09	0.00E+00	5.01E-10	5.01E-10	2.37E-07	2.04E-05	0.00E+00	2.18E-08	0.00E+00	5.01E-10	8.10E-07	0.00E+00	0.00E+00	2.04E-05
766	ALL	463807.4	3773678	NonCancer	0.00E+00	7.12E-09	0.00E+00	5.03E-10	5.03E-10	2.37E-07	2.04E-05	0.00E+00	2.19E-08	0.00E+00	5.03E-10	8.12E-07	0.00E+00	0.00E+00	2.04E-05
767	ALL	463804.2	3773686	NonCancer	0.00E+00	7.14E-09	0.00E+00	5.04E-10	5.04E-10	2.38E-07	2.05E-05	0.00E+00	2.20E-08	0.00E+00	5.04E-10	8.15E-07	0.00E+00	0.00E+00	2.05E-05
768	ALL	463800.9	3773695	NonCancer	0.00E+00	7.15E-09	0.00E+00	5.05E-10	5.05E-10	2.39E-07	2.05E-05	0.00E+00	2.20E-08	0.00E+00	5.05E-10	8.16E-07	0.00E+00	0.00E+00	2.05E-05
769	ALL	463797.7	3773704	NonCancer	0.00E+00	7.17E-09	0.00E+00	5.07E-10	5.07E-10	2.39E-07	2.05E-05	0.00E+00	2.21E-08	0.00E+00	5.07E-10	8.19E-07	0.00E+00	0.00E+00	2.05E-05
770	ALL	463794.5	3773713	NonCancer	0.00E+00	7.20E-09	0.00E+00	5.09E-10	5.09E-10	2.40E-07	2.08E-05	0.00E+00	2.22E-08	0.00E+00	5.09E-10	8.22E-07	0.00E+00	0.00E+00	2.08E-05
771	ALL	463791.2	3773721	NonCancer	0.00E+00	7.22E-09	0.00E+00	5.10E-10	5.10E-10	2.41E-07	2.08E-05	0.00E+00	2.22E-08	0.00E+00	5.10E-10	8.24E-07	0.00E+00	0.00E+00	2.08E-05
772	ALL	463788	3773730	NonCancer	0.00E+00	7.24E-09	0.00E+00	5.11E-10	5.11E-10	2.41E-07	2.08E-05	0.00E+00	2.23E-08	0.00E+00	5.11E-10	8.26E-07	0.00E+00	0.00E+00	2.08E-05
773	ALL	463784.7	3773739	NonCancer	0.00E+00	7.25E-09	0.00E+00	5.13E-10	5.13E-10	2.42E-07	2.08E-05	0.00E+00	2.23E-08	0.00E+00	5.13E-10	8.28E-07	0.00E+00	0.00E+00	2.08E-05
774	ALL	463781.5	3773748	NonCancer	0.00E+00	7.27E-09	0.00E+00	5.14E-10	5.14E-10	2.43E-07	2.09E-05	0.00E+00	2.24E-08	0.00E+00	5.14E-10	8.30E-07	0.00E+00	0.00E+00	2.09E-05
775	ALL	463778.3	3773756	NonCancer	0.00E+00	7.30E-09	0.00E+00	5.16E-10	5.16E-10	2.43E-07	2.09E-05	0.00E+00	2.25E-08	0.00E+00	5.16E-10	8.33E-07	0.00E+00	0.00E+00	2.09E-05
776	ALL	463775	3773765	NonCancer	0.00E+00	7.33E-09	0.00E+00	5.18E-10	5.18E-10	2.44E-07	2.10E-05	0.00E+00	2.26E-08	0.00E+00	5.18E-10	8.36E-07	0.00E+00	0.00E+00	2.10E-05
777	ALL	463771.8	3773774	NonCancer	0.00E+00	7.35E-09	0.00E+00	5.20E-10	5.20E-10	2.45E-07	2.10E-05	0.00E+00	2.26E-08	0.00E+00	5.20E-10	8.39E-07	0.00E+00	0.00E+00	2.10E-05
778	ALL	463768.6	3773782	NonCancer	0.00E+00	7.38E-09	0.00E+00	5.21E-10	5.21E-10	2.46E-07	2.11E-05	0.00E+00	2.27E-08	0.00E+00	5.21E-10	8.42E-07	0.00E+00	0.00E+00	2.11E-05
779	ALL	463765.3	3773791	NonCancer	0.00E+00	7.39E-09	0.00E+00	5.22E-10	5.22E-10	2.47E-07	2.11E-05	0.00E+00	2.28E-08	0.00E+00	5.22E-10	8.44E-07	0.00E+00	0.00E+00	2.11E-05
780	ALL	463762.1	3773800	NonCancer	0.00E+00	7.41E-09	0.00E+00	5.24E-10	5.24E-10	2.47E-07	2.11E-05	0.00E+00	2.28E-08	0.00E+00	5.24E-10	8.46E-07	0.00E+00	0.00E+00	2.11E-05
781	ALL	463758.9	3773809	NonCancer	0.00E+00	7.44E-09	0.00E+00	5.25E-10	5.25E-10	2.48E-07	2.11E-05	0.00E+00	2.29E-08	0.00E+00	5.25E-10	8.49E-07	0.00E+00	0.00E+00	2.11E-05
782	ALL	463755.6	3773817	NonCancer	0.00E+00	7.47E-09	0.00E+00	5.28E-10	5.28E-10	2.49E-07	2.12E-05	0.00E+00	2.30E-08	0.00E+00	5.28E-10	8.53E-07	0.00E+00	0.00E+00	2.12E-05
783	ALL	463752.4	3773826	NonCancer	0.00E+00	7.51E-09	0.00E+00	5.30E-10	5.30E-10	2.50E-07	2.13E-05	0.00E+00	2.31E-08	0.00E+00	5.30E-10	8.57E-07	0.00E+00	0.00E+00	2.13E-05
784	ALL	463749.2	3773835	NonCancer	0.00E+00	7.53E-09	0.00E+00	5.32E-10	5.32E-10	2.51E-07	2.13E-05	0.00E+00	2.32E-08	0.00E+00	5.32E-10	8.60E-07	0.00E+00	0.00E+00	2.13E-05
785	ALL	463745.9	3773844	NonCancer	0.00E+00	7.55E-09	0.00E+00	5.34E-10	5.34E-10	2.52E-07	2.13E-05	0.00E+00	2.33E-08	0.00E+00	5.34E-10	8.62E-07	0.00E+00	0.00E+00	2.13E-05
786	ALL	463742.7	3773852	NonCancer	0.00E+00	7.57E-09	0.00E+00	5.35E-10	5.35E-10	2.53E-07	2.13E-05	0.00E+00	2.33E-08	0.00E+00	5.35E-10	8.64E-07	0.00E+00	0.00E+00	2.13E-05
787	ALL	463739.4	3773861	NonCancer	0.00E+00	7.59E-09	0.00E+00	5.36E-10	5.36E-10	2.53E-07	2.14E-05	0.00E+00	2.34E-08	0.00E+00	5.36E-10	8.66E-07	0.00E+00	0.00E+00	2.14E-05
788	ALL	463915.3	3773494	NonCancer	0.00E+00	5.88E-09	0.00E+00	4.16E-10	4.16E-10	1.96E-07	1.74E-05	0.00E+00	1.81E-08	0.00E+00	4.16E-10	6.71E-07	0.00E+00	0.00E+00	1.74E-05
789	ALL	463912.1	3773503	NonCancer	0.00E+00	5.93E-09	0.00E+00	4.19E-10	4.19E-10	1.98E-07	1.75E-05	0.00E+00	1.82E-08	0.00E+00	4.19E-10	6.76E-07	0.00E+00	0.00E+00	1.75E-05
790	ALL	463908.9	3773512	NonCancer	0.00E+00	5.97E-09	0.00E+00	4.22E-10	4.22E-10	1.99E-07	1.76E-05	0.00E+00	1.84E-08	0.00E+00	4.22E-10	6.81E-07	0.00E+00	0.00E+00	1.76E-05
791	ALL	463905.6	3773520	NonCancer	0.00E+00	6.01E-09	0.00E+00	4.24E-10	4.24E-10	2.00E-07	1.77E-05	0.00E+00	1.85E-08	0.00E+00	4.24E-10	6.86E-07	0.00E+00	0.00E+00	1.77E-05
792	ALL	463902.4	3773529	NonCancer	0.00E+00	6.04E-09	0.00E+00	4.27E-10	4.27E-10	2.02E-07	1.78E-05	0.00E+00	1.86E-08	0.00E+00	4.27E-10	6.90E-07	0.00E+00	0.00E+00	1.78E-05
793	ALL	463899.2	3773538	NonCancer	0.00E+00	6.08E-09	0.00E+00	4.30E-10	4.30E-10	2.03E-07	1.79E-05	0.00E+00	1.87E-08	0.00E+00	4.30E-10	6.94E-07	0.00E+00	0.00E+00	1.79E-05
794	ALL	463895.9	3773547	NonCancer	0.00E+00	6.12E-09	0.00E+00	4.32E-10	4.32E-10	2.04E-07	1.79E-05	0.00E+00	1.88E-08	0.00E+00	4.32E-10	6.98E-07	0.00E+00	0.00E+00	1.79E-05
795	ALL	463892.7	3773555	NonCancer	0.00E+00	6.15E-09	0.00E+00	4.34E-10	4.34E-10	2.05E-07	1.80E-05	0.00E+00	1.89E-08	0.00E+00	4.34E-10	7.02E-07	0.00E+00	0.00E+00	1.80E-05
796	ALL	463889.5	3773564	NonCancer	0.00E+00	6.18E-09	0.00E+00	4.37E-10	4.37E-10	2.06E-07	1.81E-05	0.00E+00	1.90E-08	0.00E+00	4.37E-10	7.05E-07	0.00E+00	0.00E+00	1.81E-05
797	ALL	463886.2	3773573	NonCancer	0.00E+00	6.21E-09	0.00E+00	4.39E-10	4.39E-10	2.07E-07	1.82E-05	0.00E+00	1.91E-08	0.00E+00	4.39E-10	7.09E-07	0.00E+00	0.00E+00	1.82E-05
798	ALL	463883	3773581	NonCancer	0.00E+00	6.24E-09	0.00E+00	4.41E-10	4.41E-10	2.08E-07	1.82E-05	0.00E+00	1.92E-08	0.00E+00	4.41E-10	7.12E-07	0.00E+00	0.00E+00	1.82E-05
799	ALL	463879.8	3773590	NonCancer	0.00E+00	6.27E-09	0.00E+00	4.43E-10	4.43E-10	2.09E-07	1.83E-05	0.00E+00	1.93E-08	0.00E+00	4.43E-10	7.15E-07	0.00E+00	0.00E+00	1.83E-05
800	ALL	463876.5	3773599	NonCancer	0.00E+00	6.29E-09	0.00E+00	4.45E-10	4.45E-10	2.10E-07	1.83E-05	0.00E+00	1.94E-08	0.00E+00	4.45E-10	7.18E-07	0.00E+00	0.00E+00	1.83E-05
801	ALL	463873.3	3773608	NonCancer	0.00E+00	6.32E-09	0.00E+00	4.46E-10	4.46E-10	2.11E-07	1.84E-05	0.00E+00	1.94E-08	0.00E+00	4.46E-10	7.21E-07	0.00E+00	0.00E+00	1.84E-05
802	ALL	463870	3773616	NonCancer	0.00E+00	6.34E-09	0.00E+00	4.48E-10	4.48E-10	2.11E-07	1.84E-05	0.00E+00	1.95E-08	0.00E+00	4.48E-10	7.24E-07	0.00E+00	0.00E+00	1.84E-05
803	ALL	463866.8	3773625	NonCancer	0.00E+00	6.36E-09	0.00E+00	4.49E-10	4.49E-10	2.12E-07	1.85E-05	0.00E+00	1.96E-08	0.00E+00	4.49E-10	7.26E-07	0.00E+00	0.00E+00	1.85E-05
804	ALL	463863.6	3773634	NonCancer	0.00E+00	6.38E-09	0.00E+00	4.51E-10	4.51E-10	2.13E-07	1.85E-05	0.00E+00	1.96E-08	0.00E+00	4.51E-10	7.28E-07	0.00E+00	0.00E+00	1.85E-05
805	ALL	463860.3	3773643	NonCancer	0.00E+00	6.40E-09	0.00E+00	4.52E-10	4.52E-10	2.13E-07	1.86E-05	0.00E+00	1.97E-08	0.00E+00	4.52E-10	7.31E-07	0.00E+00	0.00E+00	1.86E-05
806	ALL	463857.1	3773651	NonCancer	0.00E+00	6.42E-09	0.00E+00	4.54E-10	4.54E-10	2.14E-07	1.86E-05	0.00E+00	1.98E-08	0.00E+00	4.54E-10	7.33E-07	0.00E+00	0.00E+00	1.86E-05
807	ALL	463853.9	3773660	NonCancer	0.00E+00	6.44E-09	0.00E+00	4.55E-10	4.55E-10	2.15E-07	1.86E-05	0.00E+00	1.98E-08	0.00E+00	4.55E-10	7.35E-07	0.00E+00	0.00E+00	1.86E-05
808	ALL	463850.6	3773669	NonCancer	0.00E+00	6.45E-09	0.00E+00	4.56E-10	4.56E-10	2.15E-07	1.87E-05	0.00E+00	1.99E-08	0.00E+00	4.56E-10	7.37E-07	0.00E+00	0.00E+00	1.87E-05

809	ALL	463847.4	3773678	NonCancer	0.00E+00	6.47E-09	0.00E+00	4.57E-10	4.57E-10	2.16E-07	1.87E-05	0.00E+00	1.99E-08	0.00E+00	4.57E-10	7.38E-07	0.00E+00	0.00E+00	1.87E-05
810	ALL	463844.2	3773686	NonCancer	0.00E+00	6.49E-09	0.00E+00	4.58E-10	4.58E-10	2.16E-07	1.87E-05	0.00E+00	2.00E-08	0.00E+00	4.58E-10	7.40E-07	0.00E+00	0.00E+00	1.87E-05
811	ALL	463840.9	3773695	NonCancer	0.00E+00	6.50E-09	0.00E+00	4.59E-10	4.59E-10	2.17E-07	1.87E-05	0.00E+00	2.00E-08	0.00E+00	4.59E-10	7.42E-07	0.00E+00	0.00E+00	1.87E-05
812	ALL	463837.7	3773704	NonCancer	0.00E+00	6.52E-09	0.00E+00	4.60E-10	4.60E-10	2.17E-07	1.88E-05	0.00E+00	2.01E-08	0.00E+00	4.60E-10	7.44E-07	0.00E+00	0.00E+00	1.88E-05
813	ALL	463834.5	3773713	NonCancer	0.00E+00	6.54E-09	0.00E+00	4.62E-10	4.62E-10	2.18E-07	1.90E-05	0.00E+00	2.01E-08	0.00E+00	4.62E-10	7.46E-07	0.00E+00	0.00E+00	1.90E-05
814	ALL	463831.2	3773721	NonCancer	0.00E+00	6.55E-09	0.00E+00	4.63E-10	4.63E-10	2.19E-07	1.90E-05	0.00E+00	2.02E-08	0.00E+00	4.63E-10	7.48E-07	0.00E+00	0.00E+00	1.90E-05
815	ALL	463828	3773730	NonCancer	0.00E+00	6.57E-09	0.00E+00	4.64E-10	4.64E-10	2.19E-07	1.90E-05	0.00E+00	2.02E-08	0.00E+00	4.64E-10	7.49E-07	0.00E+00	0.00E+00	1.90E-05
816	ALL	463824.7	3773739	NonCancer	0.00E+00	6.58E-09	0.00E+00	4.65E-10	4.65E-10	2.19E-07	1.90E-05	0.00E+00	2.03E-08	0.00E+00	4.65E-10	7.51E-07	0.00E+00	0.00E+00	1.90E-05
817	ALL	463821.5	3773747	NonCancer	0.00E+00	6.59E-09	0.00E+00	4.66E-10	4.66E-10	2.20E-07	1.90E-05	0.00E+00	2.03E-08	0.00E+00	4.66E-10	7.53E-07	0.00E+00	0.00E+00	1.90E-05
818	ALL	463818.3	3773756	NonCancer	0.00E+00	6.61E-09	0.00E+00	4.67E-10	4.67E-10	2.21E-07	1.91E-05	0.00E+00	2.04E-08	0.00E+00	4.67E-10	7.55E-07	0.00E+00	0.00E+00	1.91E-05
819	ALL	463815	3773765	NonCancer	0.00E+00	6.64E-09	0.00E+00	4.69E-10	4.69E-10	2.21E-07	1.92E-05	0.00E+00	2.04E-08	0.00E+00	4.69E-10	7.57E-07	0.00E+00	0.00E+00	1.92E-05
820	ALL	463811.8	3773774	NonCancer	0.00E+00	6.66E-09	0.00E+00	4.70E-10	4.70E-10	2.22E-07	1.92E-05	0.00E+00	2.05E-08	0.00E+00	4.70E-10	7.60E-07	0.00E+00	0.00E+00	1.92E-05
821	ALL	463808.6	3773782	NonCancer	0.00E+00	6.67E-09	0.00E+00	4.72E-10	4.72E-10	2.23E-07	1.92E-05	0.00E+00	2.05E-08	0.00E+00	4.72E-10	7.62E-07	0.00E+00	0.00E+00	1.92E-05
822	ALL	463805.3	3773791	NonCancer	0.00E+00	6.68E-09	0.00E+00	4.72E-10	4.72E-10	2.23E-07	1.92E-05	0.00E+00	2.06E-08	0.00E+00	4.72E-10	7.63E-07	0.00E+00	0.00E+00	1.92E-05
823	ALL	463802.1	3773800	NonCancer	0.00E+00	6.70E-09	0.00E+00	4.73E-10	4.73E-10	2.23E-07	1.92E-05	0.00E+00	2.06E-08	0.00E+00	4.73E-10	7.64E-07	0.00E+00	0.00E+00	1.92E-05
824	ALL	463798.9	3773809	NonCancer	0.00E+00	6.71E-09	0.00E+00	4.74E-10	4.74E-10	2.24E-07	1.92E-05	0.00E+00	2.07E-08	0.00E+00	4.74E-10	7.66E-07	0.00E+00	0.00E+00	1.92E-05
825	ALL	463795.6	3773817	NonCancer	0.00E+00	6.74E-09	0.00E+00	4.77E-10	4.77E-10	2.25E-07	1.93E-05	0.00E+00	2.08E-08	0.00E+00	4.77E-10	7.70E-07	0.00E+00	0.00E+00	1.93E-05
826	ALL	463792.4	3773826	NonCancer	0.00E+00	6.77E-09	0.00E+00	4.79E-10	4.79E-10	2.26E-07	1.94E-05	0.00E+00	2.08E-08	0.00E+00	4.79E-10	7.73E-07	0.00E+00	0.00E+00	1.94E-05
827	ALL	463789.2	3773835	NonCancer	0.00E+00	6.80E-09	0.00E+00	4.80E-10	4.80E-10	2.27E-07	1.94E-05	0.00E+00	2.09E-08	0.00E+00	4.80E-10	7.76E-07	0.00E+00	0.00E+00	1.94E-05
828	ALL	463785.9	3773844	NonCancer	0.00E+00	6.81E-09	0.00E+00	4.81E-10	4.81E-10	2.27E-07	1.94E-05	0.00E+00	2.10E-08	0.00E+00	4.81E-10	7.77E-07	0.00E+00	0.00E+00	1.94E-05
829	ALL	463782.7	3773852	NonCancer	0.00E+00	6.82E-09	0.00E+00	4.82E-10	4.82E-10	2.27E-07	1.94E-05	0.00E+00	2.10E-08	0.00E+00	4.82E-10	7.78E-07	0.00E+00	0.00E+00	1.94E-05
830	ALL	463779.4	3773861	NonCancer	0.00E+00	6.82E-09	0.00E+00	4.82E-10	4.82E-10	2.28E-07	1.94E-05	0.00E+00	2.10E-08	0.00E+00	4.82E-10	7.79E-07	0.00E+00	0.00E+00	1.94E-05
831	ALL	463776.2	3773870	NonCancer	0.00E+00	6.84E-09	0.00E+00	4.83E-10	4.83E-10	2.28E-07	1.94E-05	0.00E+00	2.11E-08	0.00E+00	4.83E-10	7.80E-07	0.00E+00	0.00E+00	1.94E-05
832	ALL	463773	3773878	NonCancer	0.00E+00	6.86E-09	0.00E+00	4.84E-10	4.84E-10	2.29E-07	1.94E-05	0.00E+00	2.11E-08	0.00E+00	4.84E-10	7.82E-07	0.00E+00	0.00E+00	1.94E-05
833	ALL	463769.7	3773887	NonCancer	0.00E+00	6.87E-09	0.00E+00	4.86E-10	4.86E-10	2.29E-07	1.94E-05	0.00E+00	2.12E-08	0.00E+00	4.86E-10	7.84E-07	0.00E+00	0.00E+00	1.94E-05
834	ALL	462999.7	3773059	NonCancer	0.00E+00	3.21E-08	0.00E+00	2.27E-09	2.27E-09	1.07E-06	1.50E-04	0.00E+00	9.88E-08	0.00E+00	2.27E-09	3.66E-06	0.00E+00	0.00E+00	1.50E-04
835	ALL	462990.6	3773059	NonCancer	0.00E+00	3.18E-08	0.00E+00	2.25E-09	2.25E-09	1.06E-06	1.49E-04	0.00E+00	9.80E-08	0.00E+00	2.25E-09	3.63E-06	0.00E+00	0.00E+00	1.49E-04
836	ALL	462981.5	3773059	NonCancer	0.00E+00	3.13E-08	0.00E+00	2.21E-09	2.21E-09	1.04E-06	1.48E-04	0.00E+00	9.64E-08	0.00E+00	2.21E-09	3.57E-06	0.00E+00	0.00E+00	1.48E-04
837	ALL	462972.4	3773059	NonCancer	0.00E+00	3.05E-08	0.00E+00	2.16E-09	2.16E-09	1.02E-06	1.44E-04	0.00E+00	9.40E-08	0.00E+00	2.16E-09	3.48E-06	0.00E+00	0.00E+00	1.44E-04
838	ALL	462963.3	3773059	NonCancer	0.00E+00	2.95E-08	0.00E+00	2.09E-09	2.09E-09	9.85E-07	1.40E-04	0.00E+00	9.09E-08	0.00E+00	2.09E-09	3.37E-06	0.00E+00	0.00E+00	1.40E-04
839	ALL	462954.2	3773059	NonCancer	0.00E+00	2.84E-08	0.00E+00	2.00E-09	2.00E-09	9.46E-07	1.34E-04	0.00E+00	8.73E-08	0.00E+00	2.00E-09	3.24E-06	0.00E+00	0.00E+00	1.34E-04
840	ALL	462945.1	3773059	NonCancer	0.00E+00	2.71E-08	0.00E+00	1.91E-09	1.91E-09	9.02E-07	1.28E-04	0.00E+00	8.33E-08	0.00E+00	1.91E-09	3.09E-06	0.00E+00	0.00E+00	1.28E-04
841	ALL	462936	3773059	NonCancer	0.00E+00	2.57E-08	0.00E+00	1.81E-09	1.81E-09	8.57E-07	1.21E-04	0.00E+00	7.91E-08	0.00E+00	1.81E-09	2.93E-06	0.00E+00	0.00E+00	1.21E-04
842	ALL	462926.9	3773059	NonCancer	0.00E+00	2.43E-08	0.00E+00	1.72E-09	1.72E-09	8.10E-07	1.14E-04	0.00E+00	7.48E-08	0.00E+00	1.72E-09	2.77E-06	0.00E+00	0.00E+00	1.14E-04
843	ALL	462917.8	3773059	NonCancer	0.00E+00	2.29E-08	0.00E+00	1.62E-09	1.62E-09	7.64E-07	1.07E-04	0.00E+00	7.05E-08	0.00E+00	1.62E-09	2.62E-06	0.00E+00	0.00E+00	1.07E-04
844	ALL	462999.7	3773049	NonCancer	0.00E+00	2.85E-08	0.00E+00	2.01E-09	2.01E-09	9.50E-07	1.31E-04	0.00E+00	8.77E-08	0.00E+00	2.01E-09	3.25E-06	0.00E+00	0.00E+00	1.31E-04
845	ALL	462990.6	3773049	NonCancer	0.00E+00	2.83E-08	0.00E+00	2.00E-09	2.00E-09	9.42E-07	1.30E-04	0.00E+00	8.70E-08	0.00E+00	2.00E-09	3.22E-06	0.00E+00	0.00E+00	1.30E-04
846	ALL	462981.5	3773049	NonCancer	0.00E+00	2.79E-08	0.00E+00	1.97E-09	1.97E-09	9.29E-07	1.29E-04	0.00E+00	8.57E-08	0.00E+00	1.97E-09	3.18E-06	0.00E+00	0.00E+00	1.29E-04
847	ALL	462972.4	3773049	NonCancer	0.00E+00	2.73E-08	0.00E+00	1.93E-09	1.93E-09	9.09E-07	1.27E-04	0.00E+00	8.40E-08	0.00E+00	1.93E-09	3.11E-06	0.00E+00	0.00E+00	1.27E-04
848	ALL	462963.3	3773049	NonCancer	0.00E+00	2.65E-08	0.00E+00	1.87E-09	1.87E-09	8.84E-07	1.24E-04	0.00E+00	8.16E-08	0.00E+00	1.87E-09	3.03E-06	0.00E+00	0.00E+00	1.24E-04
849	ALL	462954.2	3773049	NonCancer	0.00E+00	2.56E-08	0.00E+00	1.81E-09	1.81E-09	8.55E-07	1.19E-04	0.00E+00	7.89E-08	0.00E+00	1.81E-09	2.92E-06	0.00E+00	0.00E+00	1.19E-04
850	ALL	462945.1	3773049	NonCancer	0.00E+00	2.46E-08	0.00E+00	1.74E-09	1.74E-09	8.21E-07	1.15E-04	0.00E+00	7.58E-08	0.00E+00	1.74E-09	2.81E-06	0.00E+00	0.00E+00	1.15E-04
851	ALL	462936	3773049	NonCancer	0.00E+00	2.35E-08	0.00E+00	1.66E-09	1.66E-09	7.85E-07	1.09E-04	0.00E+00	7.25E-08	0.00E+00	1.66E-09	2.69E-06	0.00E+00	0.00E+00	1.09E-04
852	ALL	462926.9	3773049	NonCancer	0.00E+00	2.24E-08	0.00E+00	1.59E-09	1.59E-09	7.48E-07	1.04E-04	0.00E+00	6.91E-08	0.00E+00	1.59E-09	2.56E-06	0.00E+00	0.00E+00	1.04E-04
853	ALL	462917.8	3773049	NonCancer	0.00E+00	2.13E-08	0.00E+00	1.51E-09	1.51E-09	7.11E-07	9.83E-05	0.00E+00	6.56E-08	0.00E+00	1.51E-09	2.43E-06	0.00E+00	0.00E+00	9.83E-05
854	ALL	462999.6	3773029	NonCancer	0.00E+00	2.32E-08	0.00E+00	1.64E-09	1.64E-09	7.74E-07	1.03E-04	0.00E+00	7.15E-08	0.00E+00	1.64E-09	2.65E-06	0.00E+00	0.00E+00	1.03E-04
855	ALL	462990.5	3773029	NonCancer	0.00E+00	2.31E-08	0.00E+00	1.63E-09	1.63E-09	7.69E-07	1.03E-04	0.00E+00	7.10E-08	0.00E+00	1.63E-09	2.63E-06	0.00E+00	0.00E+00	1.03E-04
856	ALL	462981.4	3773029	NonCancer	0.00E+00	2.28E-08	0.00E+00	1.61E-09	1.61E-09	7.60E-07	1.03E-04	0.00E+00	7.01E-08	0.00E+00	1.61E-09	2.60E-06	0.00E+00	0.00E+00	1.03E-04
857	ALL	462972.3	3773029	NonCancer	0.00E+00	2.24E-08	0.00E+00	1.58E-09	1.58E-09	7.48E-07	1.01E-04	0.00E+00	6.90E-08	0.00E+00	1.58E-09	2.56E-06	0.00E+00	0.00E+00	1.01E-04
858	ALL	462963.2	3773029	NonCancer	0.00E+00	2.20E-08	0.00E+00	1.55E-09	1.55E-09	7.32E-07	9.93E-05	0.00E+00	6.76E-08	0.00E+00	1.55E-09	2.51E-06	0.00E+00	0.00E+00	9.93E-05
859	ALL	462954.2	3773029	NonCancer	0.00E+00	2.14E-08	0.00E+00	1.51E-09	1.51E-09	7.14E-07	9.69E-05	0.00E+00	6.59E-08	0.00E+00	1.51E-09	2.44E-06	0.00E+00	0.00E+00	9.69E-05
860	ALL	462945.1	3773029	NonCancer	0.00E+00	2.08E-08	0.00E+00	1.47E-09	1.47E-09	6.93E-07	9.41E-05	0.00E+00	6.39E-08	0.00E+00	1.47E-09	2.37E-06	0.00E+00	0.00E+00	9.41E-05
861	ALL	462936	3773029	NonCancer	0.00E+00	2.01E-08	0.00E+00	1.42E-09	1.42E-09	6.69E-07	9.09E-05	0.00E+00	6.18E-08	0.00E+00	1.42E-09	2.29E-06	0.00E+00	0.00E+00	9.09E-05
862	ALL	462926.9	3773029	NonCancer	0.00E+00	1.93E-08	0.00E+00	1.37E-09	1.37E-09	6.45E-07	8.74E-05	0.00E+00	5.95E-08	0.00E+00	1.37E-09	2.21E-06	0.00E+00	0.00E+00	8.74E-05

863	ALL	462917.8	3773029	NonCancer	0.00E+00	1.86E-08	0.00E+00	1.31E-09	1.31E-09	6.20E-07	8.37E-05	0.00E+00	5.72E-08	0.00E+00	1.31E-09	2.12E-06	0.00E+00	0.00E+00	8.37E-05
864	ALL	462999.6	3773009	NonCancer	0.00E+00	1.96E-08	0.00E+00	1.38E-09	1.38E-09	6.53E-07	8.49E-05	0.00E+00	6.03E-08	0.00E+00	1.38E-09	2.24E-06	0.00E+00	0.00E+00	8.49E-05
865	ALL	462990.5	3773009	NonCancer	0.00E+00	1.94E-08	0.00E+00	1.37E-09	1.37E-09	6.49E-07	8.47E-05	0.00E+00	5.99E-08	0.00E+00	1.37E-09	2.22E-06	0.00E+00	0.00E+00	8.47E-05
866	ALL	462981.4	3773009	NonCancer	0.00E+00	1.92E-08	0.00E+00	1.36E-09	1.36E-09	6.42E-07	8.42E-05	0.00E+00	5.93E-08	0.00E+00	1.36E-09	2.20E-06	0.00E+00	0.00E+00	8.42E-05
867	ALL	462972.3	3773009	NonCancer	0.00E+00	1.90E-08	0.00E+00	1.34E-09	1.34E-09	6.33E-07	8.34E-05	0.00E+00	5.85E-08	0.00E+00	1.34E-09	2.17E-06	0.00E+00	0.00E+00	8.34E-05
868	ALL	462963.2	3773009	NonCancer	0.00E+00	1.87E-08	0.00E+00	1.32E-09	1.32E-09	6.23E-07	8.22E-05	0.00E+00	5.75E-08	0.00E+00	1.32E-09	2.13E-06	0.00E+00	0.00E+00	8.22E-05
869	ALL	462954.1	3773009	NonCancer	0.00E+00	1.83E-08	0.00E+00	1.29E-09	1.29E-09	6.10E-07	8.07E-05	0.00E+00	5.63E-08	0.00E+00	1.29E-09	2.09E-06	0.00E+00	0.00E+00	8.07E-05
870	ALL	462945	3773009	NonCancer	0.00E+00	1.79E-08	0.00E+00	1.26E-09	1.26E-09	5.96E-07	7.89E-05	0.00E+00	5.50E-08	0.00E+00	1.26E-09	2.04E-06	0.00E+00	0.00E+00	7.89E-05
871	ALL	462935.9	3773009	NonCancer	0.00E+00	1.74E-08	0.00E+00	1.23E-09	1.23E-09	5.81E-07	7.68E-05	0.00E+00	5.36E-08	0.00E+00	1.23E-09	1.99E-06	0.00E+00	0.00E+00	7.68E-05
872	ALL	462926.8	3773009	NonCancer	0.00E+00	1.69E-08	0.00E+00	1.19E-09	1.19E-09	5.64E-07	7.46E-05	0.00E+00	5.20E-08	0.00E+00	1.19E-09	1.93E-06	0.00E+00	0.00E+00	7.46E-05
873	ALL	462917.7	3773009	NonCancer	0.00E+00	1.64E-08	0.00E+00	1.16E-09	1.16E-09	5.46E-07	7.21E-05	0.00E+00	5.04E-08	0.00E+00	1.16E-09	1.87E-06	0.00E+00	0.00E+00	7.21E-05
874	ALL	462999.6	3772989	NonCancer	0.00E+00	1.70E-08	0.00E+00	1.20E-09	1.20E-09	5.65E-07	7.17E-05	0.00E+00	5.22E-08	0.00E+00	1.20E-09	1.94E-06	0.00E+00	0.00E+00	7.17E-05
875	ALL	462990.5	3772989	NonCancer	0.00E+00	1.68E-08	0.00E+00	1.19E-09	1.19E-09	5.61E-07	7.15E-05	0.00E+00	5.18E-08	0.00E+00	1.19E-09	1.92E-06	0.00E+00	0.00E+00	7.15E-05
876	ALL	462981.4	3772989	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.56E-07	7.11E-05	0.00E+00	5.13E-08	0.00E+00	1.18E-09	1.90E-06	0.00E+00	0.00E+00	7.11E-05
877	ALL	462972.3	3772989	NonCancer	0.00E+00	1.65E-08	0.00E+00	1.16E-09	1.16E-09	5.49E-07	7.05E-05	0.00E+00	5.07E-08	0.00E+00	1.16E-09	1.88E-06	0.00E+00	0.00E+00	7.05E-05
878	ALL	462963.2	3772989	NonCancer	0.00E+00	1.62E-08	0.00E+00	1.15E-09	1.15E-09	5.42E-07	6.97E-05	0.00E+00	5.00E-08	0.00E+00	1.15E-09	1.85E-06	0.00E+00	0.00E+00	6.97E-05
879	ALL	462954.1	3772989	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.33E-07	6.87E-05	0.00E+00	4.92E-08	0.00E+00	1.13E-09	1.82E-06	0.00E+00	0.00E+00	6.87E-05
880	ALL	462945	3772989	NonCancer	0.00E+00	1.57E-08	0.00E+00	1.11E-09	1.11E-09	5.23E-07	6.75E-05	0.00E+00	4.82E-08	0.00E+00	1.11E-09	1.79E-06	0.00E+00	0.00E+00	6.75E-05
881	ALL	462935.9	3772989	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.11E-07	6.61E-05	0.00E+00	4.72E-08	0.00E+00	1.08E-09	1.75E-06	0.00E+00	0.00E+00	6.61E-05
882	ALL	462926.8	3772989	NonCancer	0.00E+00	1.50E-08	0.00E+00	1.06E-09	1.06E-09	4.99E-07	6.46E-05	0.00E+00	4.61E-08	0.00E+00	1.06E-09	1.71E-06	0.00E+00	0.00E+00	6.46E-05
883	ALL	462917.7	3772989	NonCancer	0.00E+00	1.46E-08	0.00E+00	1.03E-09	1.03E-09	4.86E-07	6.29E-05	0.00E+00	4.49E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	6.29E-05
884	ALL	462999.5	3772969	NonCancer	0.00E+00	1.50E-08	0.00E+00	1.06E-09	1.06E-09	4.99E-07	6.19E-05	0.00E+00	4.61E-08	0.00E+00	1.06E-09	1.71E-06	0.00E+00	0.00E+00	6.19E-05
885	ALL	462990.4	3772969	NonCancer	0.00E+00	1.49E-08	0.00E+00	1.05E-09	1.05E-09	4.95E-07	6.18E-05	0.00E+00	4.57E-08	0.00E+00	1.05E-09	1.70E-06	0.00E+00	0.00E+00	6.18E-05
886	ALL	462981.3	3772969	NonCancer	0.00E+00	1.47E-08	0.00E+00	1.04E-09	1.04E-09	4.91E-07	6.14E-05	0.00E+00	4.53E-08	0.00E+00	1.04E-09	1.68E-06	0.00E+00	0.00E+00	6.14E-05
887	ALL	462972.2	3772969	NonCancer	0.00E+00	1.46E-08	0.00E+00	1.03E-09	1.03E-09	4.86E-07	6.10E-05	0.00E+00	4.48E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	6.10E-05
888	ALL	462963.1	3772969	NonCancer	0.00E+00	1.44E-08	0.00E+00	1.02E-09	1.02E-09	4.80E-07	6.04E-05	0.00E+00	4.43E-08	0.00E+00	1.02E-09	1.64E-06	0.00E+00	0.00E+00	6.04E-05
889	ALL	462954	3772969	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.73E-07	5.97E-05	0.00E+00	4.36E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	5.97E-05
890	ALL	462944.9	3772969	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.85E-10	9.85E-10	4.65E-07	5.88E-05	0.00E+00	4.29E-08	0.00E+00	9.85E-10	1.59E-06	0.00E+00	0.00E+00	5.88E-05
891	ALL	462935.8	3772969	NonCancer	0.00E+00	1.37E-08	0.00E+00	9.67E-10	9.67E-10	4.56E-07	5.78E-05	0.00E+00	4.21E-08	0.00E+00	9.67E-10	1.56E-06	0.00E+00	0.00E+00	5.78E-05
892	ALL	462926.7	3772969	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.48E-10	9.48E-10	4.47E-07	5.67E-05	0.00E+00	4.13E-08	0.00E+00	9.48E-10	1.53E-06	0.00E+00	0.00E+00	5.67E-05
893	ALL	462917.6	3772969	NonCancer	0.00E+00	1.31E-08	0.00E+00	9.27E-10	9.27E-10	4.37E-07	5.54E-05	0.00E+00	4.04E-08	0.00E+00	9.27E-10	1.50E-06	0.00E+00	0.00E+00	5.54E-05
894	ALL	462999.5	3772949	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.47E-10	9.47E-10	4.47E-07	5.44E-05	0.00E+00	4.13E-08	0.00E+00	9.47E-10	1.53E-06	0.00E+00	0.00E+00	5.44E-05
895	ALL	462990.4	3772949	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.40E-10	9.40E-10	4.44E-07	5.42E-05	0.00E+00	4.09E-08	0.00E+00	9.40E-10	1.52E-06	0.00E+00	0.00E+00	5.42E-05
896	ALL	462981.3	3772949	NonCancer	0.00E+00	1.32E-08	0.00E+00	9.31E-10	9.31E-10	4.40E-07	5.39E-05	0.00E+00	4.06E-08	0.00E+00	9.31E-10	1.50E-06	0.00E+00	0.00E+00	5.39E-05
897	ALL	462972.2	3772949	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.22E-10	9.22E-10	4.35E-07	5.36E-05	0.00E+00	4.02E-08	0.00E+00	9.22E-10	1.49E-06	0.00E+00	0.00E+00	5.36E-05
898	ALL	462963.1	3772949	NonCancer	0.00E+00	1.29E-08	0.00E+00	9.12E-10	9.12E-10	4.30E-07	5.31E-05	0.00E+00	3.97E-08	0.00E+00	9.12E-10	1.47E-06	0.00E+00	0.00E+00	5.31E-05
899	ALL	462954	3772949	NonCancer	0.00E+00	1.27E-08	0.00E+00	9.00E-10	9.00E-10	4.25E-07	5.26E-05	0.00E+00	3.92E-08	0.00E+00	9.00E-10	1.45E-06	0.00E+00	0.00E+00	5.26E-05
900	ALL	462944.9	3772949	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.87E-10	8.87E-10	4.19E-07	5.19E-05	0.00E+00	3.86E-08	0.00E+00	8.87E-10	1.43E-06	0.00E+00	0.00E+00	5.19E-05
901	ALL	462935.8	3772949	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.73E-10	8.73E-10	4.12E-07	5.12E-05	0.00E+00	3.80E-08	0.00E+00	8.73E-10	1.41E-06	0.00E+00	0.00E+00	5.12E-05
902	ALL	462926.7	3772949	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.58E-10	8.58E-10	4.05E-07	5.03E-05	0.00E+00	3.74E-08	0.00E+00	8.58E-10	1.39E-06	0.00E+00	0.00E+00	5.03E-05
903	ALL	462917.6	3772949	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.41E-10	8.41E-10	3.97E-07	4.94E-05	0.00E+00	3.67E-08	0.00E+00	8.41E-10	1.36E-06	0.00E+00	0.00E+00	4.94E-05
904	ALL	462999.4	3772929	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.59E-10	8.59E-10	4.05E-07	4.84E-05	0.00E+00	3.74E-08	0.00E+00	8.59E-10	1.39E-06	0.00E+00	0.00E+00	4.84E-05
905	ALL	462990.3	3772929	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.52E-10	8.52E-10	4.02E-07	4.82E-05	0.00E+00	3.71E-08	0.00E+00	8.52E-10	1.38E-06	0.00E+00	0.00E+00	4.82E-05
906	ALL	462981.2	3772929	NonCancer	0.00E+00	1.20E-08	0.00E+00	8.44E-10	8.44E-10	3.99E-07	4.80E-05	0.00E+00	3.68E-08	0.00E+00	8.44E-10	1.36E-06	0.00E+00	0.00E+00	4.80E-05
907	ALL	462972.1	3772929	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.36E-10	8.36E-10	3.95E-07	4.77E-05	0.00E+00	3.64E-08	0.00E+00	8.36E-10	1.35E-06	0.00E+00	0.00E+00	4.77E-05
908	ALL	462963	3772929	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.27E-10	8.27E-10	3.90E-07	4.73E-05	0.00E+00	3.60E-08	0.00E+00	8.27E-10	1.34E-06	0.00E+00	0.00E+00	4.73E-05
909	ALL	462953.9	3772929	NonCancer	0.00E+00	1.16E-08	0.00E+00	8.18E-10	8.18E-10	3.86E-07	4.69E-05	0.00E+00	3.56E-08	0.00E+00	8.18E-10	1.32E-06	0.00E+00	0.00E+00	4.69E-05
910	ALL	462944.8	3772929	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.07E-10	8.07E-10	3.81E-07	4.64E-05	0.00E+00	3.52E-08	0.00E+00	8.07E-10	1.30E-06	0.00E+00	0.00E+00	4.64E-05
911	ALL	462935.7	3772929	NonCancer	0.00E+00	1.13E-08	0.00E+00	7.95E-10	7.95E-10	3.75E-07	4.58E-05	0.00E+00	3.47E-08	0.00E+00	7.95E-10	1.28E-06	0.00E+00	0.00E+00	4.58E-05
912	ALL	462926.6	3772929	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.83E-10	7.83E-10	3.70E-07	4.52E-05	0.00E+00	3.41E-08	0.00E+00	7.83E-10	1.26E-06	0.00E+00	0.00E+00	4.52E-05
913	ALL	462917.5	3772929	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.70E-10	7.70E-10	3.63E-07	4.44E-05	0.00E+00	3.35E-08	0.00E+00	7.70E-10	1.24E-06	0.00E+00	0.00E+00	4.44E-05
914	ALL	462999.4	3772909	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.86E-10	7.86E-10	3.71E-07	4.37E-05	0.00E+00	3.43E-08	0.00E+00	7.86E-10	1.27E-06	0.00E+00	0.00E+00	4.37E-05
915	ALL	462990.3	3772909	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.80E-10	7.80E-10	3.68E-07	4.35E-05	0.00E+00	3.40E-08	0.00E+00	7.80E-10	1.26E-06	0.00E+00	0.00E+00	4.35E-05
916	ALL	462981.2	3772909	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.73E-10	7.73E-10	3.65E-07	4.32E-05	0.00E+00	3.37E-08	0.00E+00	7.73E-10	1.25E-06	0.00E+00	0.00E+00	4.32E-05

917	ALL	462972.1	3772909	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.66E-10	7.66E-10	3.61E-07	4.30E-05	0.00E+00	3.34E-08	0.00E+00	7.66E-10	1.24E-06	0.00E+00	0.00E+00	4.30E-05
918	ALL	462963	3772909	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.58E-10	7.58E-10	3.58E-07	4.26E-05	0.00E+00	3.30E-08	0.00E+00	7.58E-10	1.22E-06	0.00E+00	0.00E+00	4.26E-05
919	ALL	462953.9	3772909	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.49E-10	7.49E-10	3.54E-07	4.23E-05	0.00E+00	3.27E-08	0.00E+00	7.49E-10	1.21E-06	0.00E+00	0.00E+00	4.23E-05
920	ALL	462944.8	3772909	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.40E-10	7.40E-10	3.49E-07	4.19E-05	0.00E+00	3.23E-08	0.00E+00	7.40E-10	1.20E-06	0.00E+00	0.00E+00	4.19E-05
921	ALL	462935.7	3772909	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.31E-10	7.31E-10	3.45E-07	4.14E-05	0.00E+00	3.18E-08	0.00E+00	7.31E-10	1.18E-06	0.00E+00	0.00E+00	4.14E-05
922	ALL	462926.6	3772909	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.20E-10	7.20E-10	3.40E-07	4.09E-05	0.00E+00	3.14E-08	0.00E+00	7.20E-10	1.16E-06	0.00E+00	0.00E+00	4.09E-05
923	ALL	462917.5	3772909	NonCancer	0.00E+00	1.00E-08	0.00E+00	7.10E-10	7.10E-10	3.35E-07	4.03E-05	0.00E+00	3.09E-08	0.00E+00	7.10E-10	1.15E-06	0.00E+00	0.00E+00	4.03E-05
924	ALL	462999.3	3772849	NonCancer	0.00E+00	8.94E-09	0.00E+00	6.31E-10	6.31E-10	2.98E-07	3.37E-05	0.00E+00	2.75E-08	0.00E+00	6.31E-10	1.02E-06	0.00E+00	0.00E+00	3.37E-05
925	ALL	462990.2	3772849	NonCancer	0.00E+00	8.86E-09	0.00E+00	6.26E-10	6.26E-10	2.95E-07	3.35E-05	0.00E+00	2.73E-08	0.00E+00	6.26E-10	1.01E-06	0.00E+00	0.00E+00	3.35E-05
926	ALL	462981.1	3772849	NonCancer	0.00E+00	8.78E-09	0.00E+00	6.20E-10	6.20E-10	2.93E-07	3.33E-05	0.00E+00	2.70E-08	0.00E+00	6.20E-10	1.00E-06	0.00E+00	0.00E+00	3.33E-05
927	ALL	462972	3772849	NonCancer	0.00E+00	8.70E-09	0.00E+00	6.15E-10	6.15E-10	2.90E-07	3.31E-05	0.00E+00	2.68E-08	0.00E+00	6.15E-10	9.93E-07	0.00E+00	0.00E+00	3.31E-05
928	ALL	462962.9	3772849	NonCancer	0.00E+00	8.61E-09	0.00E+00	6.09E-10	6.09E-10	2.87E-07	3.28E-05	0.00E+00	2.65E-08	0.00E+00	6.09E-10	9.83E-07	0.00E+00	0.00E+00	3.28E-05
929	ALL	462953.8	3772849	NonCancer	0.00E+00	8.52E-09	0.00E+00	6.02E-10	6.02E-10	2.84E-07	3.26E-05	0.00E+00	2.62E-08	0.00E+00	6.02E-10	9.73E-07	0.00E+00	0.00E+00	3.26E-05
930	ALL	462944.7	3772849	NonCancer	0.00E+00	8.43E-09	0.00E+00	5.96E-10	5.96E-10	2.81E-07	3.23E-05	0.00E+00	2.60E-08	0.00E+00	5.96E-10	9.62E-07	0.00E+00	0.00E+00	3.23E-05
931	ALL	462935.6	3772849	NonCancer	0.00E+00	8.34E-09	0.00E+00	5.89E-10	5.89E-10	2.78E-07	3.20E-05	0.00E+00	2.57E-08	0.00E+00	5.89E-10	9.52E-07	0.00E+00	0.00E+00	3.20E-05
932	ALL	462926.5	3772849	NonCancer	0.00E+00	8.24E-09	0.00E+00	5.82E-10	5.82E-10	2.75E-07	3.17E-05	0.00E+00	2.54E-08	0.00E+00	5.82E-10	9.41E-07	0.00E+00	0.00E+00	3.17E-05
933	ALL	462917.4	3772849	NonCancer	0.00E+00	8.14E-09	0.00E+00	5.75E-10	5.75E-10	2.71E-07	3.14E-05	0.00E+00	2.51E-08	0.00E+00	5.75E-10	9.29E-07	0.00E+00	0.00E+00	3.14E-05
934	ALL	462999.2	3772819	NonCancer	0.00E+00	8.16E-09	0.00E+00	5.76E-10	5.76E-10	2.72E-07	3.03E-05	0.00E+00	2.51E-08	0.00E+00	5.76E-10	9.31E-07	0.00E+00	0.00E+00	3.03E-05
935	ALL	462990.1	3772819	NonCancer	0.00E+00	8.08E-09	0.00E+00	5.71E-10	5.71E-10	2.70E-07	3.01E-05	0.00E+00	2.49E-08	0.00E+00	5.71E-10	9.23E-07	0.00E+00	0.00E+00	3.01E-05
936	ALL	462981	3772819	NonCancer	0.00E+00	8.01E-09	0.00E+00	5.66E-10	5.66E-10	2.67E-07	2.99E-05	0.00E+00	2.47E-08	0.00E+00	5.66E-10	9.14E-07	0.00E+00	0.00E+00	2.99E-05
937	ALL	462971.9	3772819	NonCancer	0.00E+00	7.93E-09	0.00E+00	5.61E-10	5.61E-10	2.65E-07	2.97E-05	0.00E+00	2.44E-08	0.00E+00	5.61E-10	9.06E-07	0.00E+00	0.00E+00	2.97E-05
938	ALL	462999.1	3772789	NonCancer	0.00E+00	7.52E-09	0.00E+00	5.31E-10	5.31E-10	2.51E-07	2.75E-05	0.00E+00	2.32E-08	0.00E+00	5.31E-10	8.59E-07	0.00E+00	0.00E+00	2.75E-05
939	ALL	462990	3772789	NonCancer	0.00E+00	7.45E-09	0.00E+00	5.27E-10	5.27E-10	2.48E-07	2.73E-05	0.00E+00	2.29E-08	0.00E+00	5.27E-10	8.51E-07	0.00E+00	0.00E+00	2.73E-05
940	ALL	462980.9	3772789	NonCancer	0.00E+00	7.38E-09	0.00E+00	5.22E-10	5.22E-10	2.46E-07	2.71E-05	0.00E+00	2.27E-08	0.00E+00	5.22E-10	8.42E-07	0.00E+00	0.00E+00	2.71E-05
941	ALL	462971.8	3772789	NonCancer	0.00E+00	7.31E-09	0.00E+00	5.17E-10	5.17E-10	2.44E-07	2.69E-05	0.00E+00	2.25E-08	0.00E+00	5.17E-10	8.34E-07	0.00E+00	0.00E+00	2.69E-05
942	ALL	462944.6	3772789	NonCancer	0.00E+00	7.09E-09	0.00E+00	5.01E-10	5.01E-10	2.36E-07	2.63E-05	0.00E+00	2.18E-08	0.00E+00	5.01E-10	8.09E-07	0.00E+00	0.00E+00	2.63E-05
943	ALL	462935.5	3772789	NonCancer	0.00E+00	7.02E-09	0.00E+00	4.96E-10	4.96E-10	2.34E-07	2.61E-05	0.00E+00	2.16E-08	0.00E+00	4.96E-10	8.01E-07	0.00E+00	0.00E+00	2.61E-05
944	ALL	462926.4	3772789	NonCancer	0.00E+00	6.94E-09	0.00E+00	4.91E-10	4.91E-10	2.32E-07	2.59E-05	0.00E+00	2.14E-08	0.00E+00	4.91E-10	7.92E-07	0.00E+00	0.00E+00	2.59E-05
945	ALL	462917.3	3772789	NonCancer	0.00E+00	6.87E-09	0.00E+00	4.85E-10	4.85E-10	2.29E-07	2.56E-05	0.00E+00	2.11E-08	0.00E+00	4.85E-10	7.84E-07	0.00E+00	0.00E+00	2.56E-05
946	ALL	462999.1	3772759	NonCancer	0.00E+00	6.99E-09	0.00E+00	4.94E-10	4.94E-10	2.33E-07	2.52E-05	0.00E+00	2.15E-08	0.00E+00	4.94E-10	7.97E-07	0.00E+00	0.00E+00	2.52E-05
947	ALL	462990	3772759	NonCancer	0.00E+00	6.92E-09	0.00E+00	4.89E-10	4.89E-10	2.31E-07	2.50E-05	0.00E+00	2.13E-08	0.00E+00	4.89E-10	7.90E-07	0.00E+00	0.00E+00	2.50E-05
948	ALL	462980.9	3772759	NonCancer	0.00E+00	6.85E-09	0.00E+00	4.84E-10	4.84E-10	2.28E-07	2.49E-05	0.00E+00	2.11E-08	0.00E+00	4.84E-10	7.82E-07	0.00E+00	0.00E+00	2.49E-05
949	ALL	462971.8	3772759	NonCancer	0.00E+00	6.78E-09	0.00E+00	4.79E-10	4.79E-10	2.26E-07	2.47E-05	0.00E+00	2.09E-08	0.00E+00	4.79E-10	7.74E-07	0.00E+00	0.00E+00	2.47E-05
950	ALL	462944.5	3772759	NonCancer	0.00E+00	6.58E-09	0.00E+00	4.65E-10	4.65E-10	2.20E-07	2.41E-05	0.00E+00	2.03E-08	0.00E+00	4.65E-10	7.51E-07	0.00E+00	0.00E+00	2.41E-05
951	ALL	462935.4	3772759	NonCancer	0.00E+00	6.52E-09	0.00E+00	4.60E-10	4.60E-10	2.17E-07	2.39E-05	0.00E+00	2.01E-08	0.00E+00	4.60E-10	7.44E-07	0.00E+00	0.00E+00	2.39E-05
952	ALL	462926.3	3772759	NonCancer	0.00E+00	6.45E-09	0.00E+00	4.56E-10	4.56E-10	2.15E-07	2.37E-05	0.00E+00	1.99E-08	0.00E+00	4.56E-10	7.36E-07	0.00E+00	0.00E+00	2.37E-05
953	ALL	462917.2	3772759	NonCancer	0.00E+00	6.38E-09	0.00E+00	4.51E-10	4.51E-10	2.13E-07	2.35E-05	0.00E+00	1.96E-08	0.00E+00	4.51E-10	7.28E-07	0.00E+00	0.00E+00	2.35E-05
954	ALL	462999	3772729	NonCancer	0.00E+00	6.53E-09	0.00E+00	4.61E-10	4.61E-10	2.18E-07	2.33E-05	0.00E+00	2.01E-08	0.00E+00	4.61E-10	7.45E-07	0.00E+00	0.00E+00	2.33E-05
955	ALL	462989.9	3772729	NonCancer	0.00E+00	6.47E-09	0.00E+00	4.57E-10	4.57E-10	2.16E-07	2.31E-05	0.00E+00	1.99E-08	0.00E+00	4.57E-10	7.38E-07	0.00E+00	0.00E+00	2.31E-05
956	ALL	462980.8	3772729	NonCancer	0.00E+00	6.40E-09	0.00E+00	4.52E-10	4.52E-10	2.13E-07	2.29E-05	0.00E+00	1.97E-08	0.00E+00	4.52E-10	7.31E-07	0.00E+00	0.00E+00	2.29E-05
957	ALL	462971.7	3772729	NonCancer	0.00E+00	6.34E-09	0.00E+00	4.48E-10	4.48E-10	2.11E-07	2.28E-05	0.00E+00	1.95E-08	0.00E+00	4.48E-10	7.23E-07	0.00E+00	0.00E+00	2.28E-05
958	ALL	462944.4	3772729	NonCancer	0.00E+00	6.15E-09	0.00E+00	4.35E-10	4.35E-10	2.05E-07	2.22E-05	0.00E+00	1.89E-08	0.00E+00	4.35E-10	7.02E-07	0.00E+00	0.00E+00	2.22E-05
959	ALL	462935.3	3772729	NonCancer	0.00E+00	6.09E-09	0.00E+00	4.30E-10	4.30E-10	2.03E-07	2.21E-05	0.00E+00	1.87E-08	0.00E+00	4.30E-10	6.95E-07	0.00E+00	0.00E+00	2.21E-05
960	ALL	462926.2	3772729	NonCancer	0.00E+00	6.02E-09	0.00E+00	4.26E-10	4.26E-10	2.01E-07	2.19E-05	0.00E+00	1.85E-08	0.00E+00	4.26E-10	6.87E-07	0.00E+00	0.00E+00	2.19E-05
961	ALL	462917.1	3772729	NonCancer	0.00E+00	5.96E-09	0.00E+00	4.21E-10	4.21E-10	1.99E-07	2.17E-05	0.00E+00	1.83E-08	0.00E+00	4.21E-10	6.80E-07	0.00E+00	0.00E+00	2.17E-05
962	ALL	462998.9	3772669	NonCancer	0.00E+00	5.79E-09	0.00E+00	4.09E-10	4.09E-10	1.93E-07	2.03E-05	0.00E+00	1.78E-08	0.00E+00	4.09E-10	6.61E-07	0.00E+00	0.00E+00	2.03E-05
963	ALL	462989.8	3772669	NonCancer	0.00E+00	5.73E-09	0.00E+00	4.05E-10	4.05E-10	1.91E-07	2.01E-05	0.00E+00	1.77E-08	0.00E+00	4.05E-10	6.54E-07	0.00E+00	0.00E+00	2.01E-05
964	ALL	462980.7	3772669	NonCancer	0.00E+00	5.67E-09	0.00E+00	4.01E-10	4.01E-10	1.89E-07	1.99E-05	0.00E+00	1.75E-08	0.00E+00	4.01E-10	6.48E-07	0.00E+00	0.00E+00	1.99E-05
965	ALL	462971.6	3772669	NonCancer	0.00E+00	5.61E-09	0.00E+00	3.97E-10	3.97E-10	1.87E-07	1.98E-05	0.00E+00	1.73E-08	0.00E+00	3.97E-10	6.41E-07	0.00E+00	0.00E+00	1.98E-05
966	ALL	462962.5	3772669	NonCancer	0.00E+00	5.56E-09	0.00E+00	3.93E-10	3.93E-10	1.85E-07	1.96E-05	0.00E+00	1.71E-08	0.00E+00	3.93E-10	6.34E-07	0.00E+00	0.00E+00	1.96E-05
967	ALL	462953.4	3772669	NonCancer	0.00E+00	5.50E-09	0.00E+00	3.89E-10	3.89E-10	1.83E-07	1.94E-05	0.00E+00	1.69E-08	0.00E+00	3.89E-10	6.28E-07	0.00E+00	0.00E+00	1.94E-05
968	ALL	462944.3	3772669	NonCancer	0.00E+00	5.44E-09	0.00E+00	3.85E-10	3.85E-10	1.82E-07	1.93E-05	0.00E+00	1.68E-08	0.00E+00	3.85E-10	6.21E-07	0.00E+00	0.00E+00	1.93E-05
969	ALL	462935.2	3772669	NonCancer	0.00E+00	5.39E-09	0.00E+00	3.81E-10	3.81E-10	1.80E-07	1.91E-05	0.00E+00	1.66E-08	0.00E+00	3.81E-10	6.15E-07	0.00E+00	0.00E+00	1.91E-05
970	ALL	462926.1	3772669	NonCancer	0.00E+00	5.33E-09	0.00E+00	3.77E-10	3.77E-10	1.78E-07	1.90E-05	0.00E+00	1.64E-08	0.00E+00	3.77E-10	6.09E-07	0.00E+00	0.00E+00	1.90E-05

971	ALL	462917	3772669	NonCancer	0.00E+00	5.28E-09	0.00E+00	3.73E-10	3.73E-10	1.76E-07	1.88E-05	0.00E+00	1.62E-08	0.00E+00	3.73E-10	6.02E-07	0.00E+00	0.00E+00	1.88E-05
972	ALL	462998.8	3772639	NonCancer	0.00E+00	5.49E-09	0.00E+00	3.88E-10	3.88E-10	1.83E-07	1.91E-05	0.00E+00	1.69E-08	0.00E+00	3.88E-10	6.26E-07	0.00E+00	0.00E+00	1.91E-05
973	ALL	462989.7	3772639	NonCancer	0.00E+00	5.43E-09	0.00E+00	3.84E-10	3.84E-10	1.81E-07	1.89E-05	0.00E+00	1.67E-08	0.00E+00	3.84E-10	6.20E-07	0.00E+00	0.00E+00	1.89E-05
974	ALL	462980.6	3772639	NonCancer	0.00E+00	5.37E-09	0.00E+00	3.80E-10	3.80E-10	1.79E-07	1.87E-05	0.00E+00	1.65E-08	0.00E+00	3.80E-10	6.13E-07	0.00E+00	0.00E+00	1.87E-05
975	ALL	462971.5	3772639	NonCancer	0.00E+00	5.31E-09	0.00E+00	3.76E-10	3.76E-10	1.77E-07	1.86E-05	0.00E+00	1.64E-08	0.00E+00	3.76E-10	6.07E-07	0.00E+00	0.00E+00	1.86E-05
976	ALL	462962.4	3772639	NonCancer	0.00E+00	5.26E-09	0.00E+00	3.72E-10	3.72E-10	1.75E-07	1.84E-05	0.00E+00	1.62E-08	0.00E+00	3.72E-10	6.00E-07	0.00E+00	0.00E+00	1.84E-05
977	ALL	462953.3	3772639	NonCancer	0.00E+00	5.20E-09	0.00E+00	3.68E-10	3.68E-10	1.74E-07	1.83E-05	0.00E+00	1.60E-08	0.00E+00	3.68E-10	5.94E-07	0.00E+00	0.00E+00	1.83E-05
978	ALL	462944.2	3772639	NonCancer	0.00E+00	5.15E-09	0.00E+00	3.64E-10	3.64E-10	1.72E-07	1.81E-05	0.00E+00	1.59E-08	0.00E+00	3.64E-10	5.88E-07	0.00E+00	0.00E+00	1.81E-05
979	ALL	462935.1	3772639	NonCancer	0.00E+00	5.10E-09	0.00E+00	3.60E-10	3.60E-10	1.70E-07	1.79E-05	0.00E+00	1.57E-08	0.00E+00	3.60E-10	5.82E-07	0.00E+00	0.00E+00	1.79E-05
980	ALL	462926	3772639	NonCancer	0.00E+00	5.05E-09	0.00E+00	3.56E-10	3.56E-10	1.68E-07	1.78E-05	0.00E+00	1.55E-08	0.00E+00	3.56E-10	5.76E-07	0.00E+00	0.00E+00	1.78E-05
981	ALL	462916.9	3772639	NonCancer	0.00E+00	4.99E-09	0.00E+00	3.53E-10	3.53E-10	1.67E-07	1.76E-05	0.00E+00	1.54E-08	0.00E+00	3.53E-10	5.70E-07	0.00E+00	0.00E+00	1.76E-05
982	ALL	462998.8	3772609	NonCancer	0.00E+00	5.22E-09	0.00E+00	3.69E-10	3.69E-10	1.74E-07	1.80E-05	0.00E+00	1.61E-08	0.00E+00	3.69E-10	5.96E-07	0.00E+00	0.00E+00	1.80E-05
983	ALL	462989.7	3772609	NonCancer	0.00E+00	5.16E-09	0.00E+00	3.65E-10	3.65E-10	1.72E-07	1.78E-05	0.00E+00	1.59E-08	0.00E+00	3.65E-10	5.89E-07	0.00E+00	0.00E+00	1.78E-05
984	ALL	462980.6	3772609	NonCancer	0.00E+00	5.10E-09	0.00E+00	3.61E-10	3.61E-10	1.70E-07	1.77E-05	0.00E+00	1.57E-08	0.00E+00	3.61E-10	5.83E-07	0.00E+00	0.00E+00	1.77E-05
985	ALL	462971.5	3772609	NonCancer	0.00E+00	5.05E-09	0.00E+00	3.57E-10	3.57E-10	1.68E-07	1.75E-05	0.00E+00	1.55E-08	0.00E+00	3.57E-10	5.76E-07	0.00E+00	0.00E+00	1.75E-05
986	ALL	462962.4	3772609	NonCancer	0.00E+00	5.00E-09	0.00E+00	3.53E-10	3.53E-10	1.67E-07	1.74E-05	0.00E+00	1.54E-08	0.00E+00	3.53E-10	5.70E-07	0.00E+00	0.00E+00	1.74E-05
987	ALL	462953.3	3772609	NonCancer	0.00E+00	4.94E-09	0.00E+00	3.49E-10	3.49E-10	1.65E-07	1.72E-05	0.00E+00	1.52E-08	0.00E+00	3.49E-10	5.64E-07	0.00E+00	0.00E+00	1.72E-05
988	ALL	462944.2	3772609	NonCancer	0.00E+00	4.89E-09	0.00E+00	3.46E-10	3.46E-10	1.63E-07	1.70E-05	0.00E+00	1.51E-08	0.00E+00	3.46E-10	5.58E-07	0.00E+00	0.00E+00	1.70E-05
989	ALL	462935.1	3772609	NonCancer	0.00E+00	4.84E-09	0.00E+00	3.42E-10	3.42E-10	1.61E-07	1.69E-05	0.00E+00	1.49E-08	0.00E+00	3.42E-10	5.52E-07	0.00E+00	0.00E+00	1.69E-05
990	ALL	462926	3772609	NonCancer	0.00E+00	4.79E-09	0.00E+00	3.38E-10	3.38E-10	1.60E-07	1.67E-05	0.00E+00	1.47E-08	0.00E+00	3.38E-10	5.47E-07	0.00E+00	0.00E+00	1.67E-05
991	ALL	462916.9	3772609	NonCancer	0.00E+00	4.74E-09	0.00E+00	3.35E-10	3.35E-10	1.58E-07	1.66E-05	0.00E+00	1.46E-08	0.00E+00	3.35E-10	5.41E-07	0.00E+00	0.00E+00	1.66E-05
992	ALL	463007.8	3772579	NonCancer	0.00E+00	5.03E-09	0.00E+00	3.55E-10	3.55E-10	1.68E-07	1.72E-05	0.00E+00	1.55E-08	0.00E+00	3.55E-10	5.74E-07	0.00E+00	0.00E+00	1.72E-05
993	ALL	462998.7	3772579	NonCancer	0.00E+00	4.97E-09	0.00E+00	3.51E-10	3.51E-10	1.66E-07	1.70E-05	0.00E+00	1.53E-08	0.00E+00	3.51E-10	5.67E-07	0.00E+00	0.00E+00	1.70E-05
994	ALL	462989.6	3772579	NonCancer	0.00E+00	4.92E-09	0.00E+00	3.47E-10	3.47E-10	1.64E-07	1.69E-05	0.00E+00	1.51E-08	0.00E+00	3.47E-10	5.61E-07	0.00E+00	0.00E+00	1.69E-05
995	ALL	462980.5	3772579	NonCancer	0.00E+00	4.86E-09	0.00E+00	3.43E-10	3.43E-10	1.62E-07	1.67E-05	0.00E+00	1.50E-08	0.00E+00	3.43E-10	5.55E-07	0.00E+00	0.00E+00	1.67E-05
996	ALL	462971.4	3772579	NonCancer	0.00E+00	4.81E-09	0.00E+00	3.40E-10	3.40E-10	1.60E-07	1.66E-05	0.00E+00	1.48E-08	0.00E+00	3.40E-10	5.49E-07	0.00E+00	0.00E+00	1.66E-05
997	ALL	462962.3	3772579	NonCancer	0.00E+00	4.76E-09	0.00E+00	3.36E-10	3.36E-10	1.59E-07	1.64E-05	0.00E+00	1.46E-08	0.00E+00	3.36E-10	5.43E-07	0.00E+00	0.00E+00	1.64E-05
998	ALL	462953.2	3772579	NonCancer	0.00E+00	4.70E-09	0.00E+00	3.32E-10	3.32E-10	1.57E-07	1.63E-05	0.00E+00	1.45E-08	0.00E+00	3.32E-10	5.37E-07	0.00E+00	0.00E+00	1.63E-05
999	ALL	462944.1	3772579	NonCancer	0.00E+00	4.65E-09	0.00E+00	3.29E-10	3.29E-10	1.55E-07	1.61E-05	0.00E+00	1.43E-08	0.00E+00	3.29E-10	5.31E-07	0.00E+00	0.00E+00	1.61E-05
1000	ALL	462935	3772579	NonCancer	0.00E+00	4.61E-09	0.00E+00	3.25E-10	3.25E-10	1.54E-07	1.60E-05	0.00E+00	1.42E-08	0.00E+00	3.25E-10	5.26E-07	0.00E+00	0.00E+00	1.60E-05
1001	ALL	462925.9	3772579	NonCancer	0.00E+00	4.56E-09	0.00E+00	3.22E-10	3.22E-10	1.52E-07	1.58E-05	0.00E+00	1.40E-08	0.00E+00	3.22E-10	5.20E-07	0.00E+00	0.00E+00	1.58E-05
1002	ALL	462916.8	3772579	NonCancer	0.00E+00	4.51E-09	0.00E+00	3.19E-10	3.19E-10	1.50E-07	1.57E-05	0.00E+00	1.39E-08	0.00E+00	3.19E-10	5.15E-07	0.00E+00	0.00E+00	1.57E-05
1003	ALL	462998.6	3772549	NonCancer	0.00E+00	4.75E-09	0.00E+00	3.36E-10	3.36E-10	1.58E-07	1.62E-05	0.00E+00	1.46E-08	0.00E+00	3.36E-10	5.42E-07	0.00E+00	0.00E+00	1.62E-05
1004	ALL	462989.5	3772549	NonCancer	0.00E+00	4.69E-09	0.00E+00	3.32E-10	3.32E-10	1.57E-07	1.60E-05	0.00E+00	1.44E-08	0.00E+00	3.32E-10	5.36E-07	0.00E+00	0.00E+00	1.60E-05
1005	ALL	462980.4	3772549	NonCancer	0.00E+00	4.64E-09	0.00E+00	3.28E-10	3.28E-10	1.55E-07	1.59E-05	0.00E+00	1.43E-08	0.00E+00	3.28E-10	5.30E-07	0.00E+00	0.00E+00	1.59E-05
1006	ALL	462971.3	3772549	NonCancer	0.00E+00	4.59E-09	0.00E+00	3.24E-10	3.24E-10	1.53E-07	1.57E-05	0.00E+00	1.41E-08	0.00E+00	3.24E-10	5.24E-07	0.00E+00	0.00E+00	1.57E-05
1007	ALL	462962.2	3772549	NonCancer	0.00E+00	4.54E-09	0.00E+00	3.21E-10	3.21E-10	1.51E-07	1.56E-05	0.00E+00	1.40E-08	0.00E+00	3.21E-10	5.18E-07	0.00E+00	0.00E+00	1.56E-05
1008	ALL	462953.1	3772549	NonCancer	0.00E+00	4.49E-09	0.00E+00	3.17E-10	3.17E-10	1.50E-07	1.54E-05	0.00E+00	1.38E-08	0.00E+00	3.17E-10	5.12E-07	0.00E+00	0.00E+00	1.54E-05
1009	ALL	462944	3772549	NonCancer	0.00E+00	4.44E-09	0.00E+00	3.14E-10	3.14E-10	1.48E-07	1.53E-05	0.00E+00	1.37E-08	0.00E+00	3.14E-10	5.07E-07	0.00E+00	0.00E+00	1.53E-05
1010	ALL	462935	3772549	NonCancer	0.00E+00	4.39E-09	0.00E+00	3.10E-10	3.10E-10	1.47E-07	1.51E-05	0.00E+00	1.35E-08	0.00E+00	3.10E-10	5.01E-07	0.00E+00	0.00E+00	1.51E-05
1011	ALL	462925.9	3772549	NonCancer	0.00E+00	4.35E-09	0.00E+00	3.07E-10	3.07E-10	1.45E-07	1.50E-05	0.00E+00	1.34E-08	0.00E+00	3.07E-10	4.96E-07	0.00E+00	0.00E+00	1.50E-05
1012	ALL	462916.8	3772549	NonCancer	0.00E+00	4.30E-09	0.00E+00	3.04E-10	3.04E-10	1.43E-07	1.49E-05	0.00E+00	1.32E-08	0.00E+00	3.04E-10	4.91E-07	0.00E+00	0.00E+00	1.49E-05
1013	ALL	462998.6	3772509	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.51E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.51E-05
1014	ALL	462989.5	3772509	NonCancer	0.00E+00	4.42E-09	0.00E+00	3.12E-10	3.12E-10	1.47E-07	1.50E-05	0.00E+00	1.36E-08	0.00E+00	3.12E-10	5.05E-07	0.00E+00	0.00E+00	1.50E-05
1015	ALL	462980.4	3772509	NonCancer	0.00E+00	4.37E-09	0.00E+00	3.09E-10	3.09E-10	1.46E-07	1.48E-05	0.00E+00	1.35E-08	0.00E+00	3.09E-10	4.99E-07	0.00E+00	0.00E+00	1.48E-05
1016	ALL	462971.3	3772509	NonCancer	0.00E+00	4.32E-09	0.00E+00	3.05E-10	3.05E-10	1.44E-07	1.47E-05	0.00E+00	1.33E-08	0.00E+00	3.05E-10	4.93E-07	0.00E+00	0.00E+00	1.47E-05
1017	ALL	462962.2	3772509	NonCancer	0.00E+00	4.27E-09	0.00E+00	3.02E-10	3.02E-10	1.42E-07	1.45E-05	0.00E+00	1.32E-08	0.00E+00	3.02E-10	4.88E-07	0.00E+00	0.00E+00	1.45E-05
1018	ALL	462953.1	3772509	NonCancer	0.00E+00	4.23E-09	0.00E+00	2.99E-10	2.99E-10	1.41E-07	1.44E-05	0.00E+00	1.30E-08	0.00E+00	2.99E-10	4.82E-07	0.00E+00	0.00E+00	1.44E-05
1019	ALL	462944	3772509	NonCancer	0.00E+00	4.18E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.43E-05	0.00E+00	1.29E-08	0.00E+00	2.95E-10	4.77E-07	0.00E+00	0.00E+00	1.43E-05
1020	ALL	462934.9	3772509	NonCancer	0.00E+00	4.14E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.41E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.72E-07	0.00E+00	0.00E+00	1.41E-05
1021	ALL	462925.8	3772509	NonCancer	0.00E+00	4.09E-09	0.00E+00	2.89E-10	2.89E-10	1.36E-07	1.40E-05	0.00E+00	1.26E-08	0.00E+00	2.89E-10	4.67E-07	0.00E+00	0.00E+00	1.40E-05
1022	ALL	462916.7	3772509	NonCancer	0.00E+00	4.05E-09	0.00E+00	2.86E-10	2.86E-10	1.35E-07	1.39E-05	0.00E+00	1.25E-08	0.00E+00	2.86E-10	4.62E-07	0.00E+00	0.00E+00	1.39E-05
1023	ALL	462998.4	3772429	NonCancer	0.00E+00	3.99E-09	0.00E+00	2.82E-10	2.82E-10	1.33E-07	1.34E-05	0.00E+00	1.23E-08	0.00E+00	2.82E-10	4.56E-07	0.00E+00	0.00E+00	1.34E-05
1024	ALL	462989.3	3772429	NonCancer	0.00E+00	3.95E-09	0.00E+00	2.79E-10	2.79E-10	1.32E-07	1.32E-05	0.00E+00	1.22E-08	0.00E+00	2.79E-10	4.50E-07	0.00E+00	0.00E+00	1.32E-05

1025	ALL	462980.2	3772429	NonCancer	0.00E+00	3.90E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.31E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.45E-07	0.00E+00	0.00E+00	1.31E-05
1026	ALL	462971.1	3772429	NonCancer	0.00E+00	3.85E-09	0.00E+00	2.72E-10	2.72E-10	1.29E-07	1.30E-05	0.00E+00	1.19E-08	0.00E+00	2.72E-10	4.40E-07	0.00E+00	0.00E+00	1.30E-05
1027	ALL	462962	3772429	NonCancer	0.00E+00	3.81E-09	0.00E+00	2.69E-10	2.69E-10	1.27E-07	1.28E-05	0.00E+00	1.17E-08	0.00E+00	2.69E-10	4.35E-07	0.00E+00	0.00E+00	1.28E-05
1028	ALL	462952.9	3772429	NonCancer	0.00E+00	3.77E-09	0.00E+00	2.66E-10	2.66E-10	1.26E-07	1.27E-05	0.00E+00	1.16E-08	0.00E+00	2.66E-10	4.30E-07	0.00E+00	0.00E+00	1.27E-05
1029	ALL	462943.8	3772429	NonCancer	0.00E+00	3.73E-09	0.00E+00	2.63E-10	2.63E-10	1.24E-07	1.26E-05	0.00E+00	1.15E-08	0.00E+00	2.63E-10	4.26E-07	0.00E+00	0.00E+00	1.26E-05
1030	ALL	462934.7	3772429	NonCancer	0.00E+00	3.69E-09	0.00E+00	2.61E-10	2.61E-10	1.23E-07	1.25E-05	0.00E+00	1.14E-08	0.00E+00	2.61E-10	4.21E-07	0.00E+00	0.00E+00	1.25E-05
1031	ALL	462925.6	3772429	NonCancer	0.00E+00	3.65E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.23E-05	0.00E+00	1.12E-08	0.00E+00	2.58E-10	4.17E-07	0.00E+00	0.00E+00	1.23E-05
1032	ALL	462916.5	3772429	NonCancer	0.00E+00	3.61E-09	0.00E+00	2.55E-10	2.55E-10	1.20E-07	1.22E-05	0.00E+00	1.11E-08	0.00E+00	2.55E-10	4.12E-07	0.00E+00	0.00E+00	1.22E-05
1033	ALL	462998.3	3772389	NonCancer	0.00E+00	3.78E-09	0.00E+00	2.67E-10	2.67E-10	1.26E-07	1.26E-05	0.00E+00	1.16E-08	0.00E+00	2.67E-10	4.32E-07	0.00E+00	0.00E+00	1.26E-05
1034	ALL	462989.2	3772389	NonCancer	0.00E+00	3.73E-09	0.00E+00	2.64E-10	2.64E-10	1.25E-07	1.25E-05	0.00E+00	1.15E-08	0.00E+00	2.64E-10	4.26E-07	0.00E+00	0.00E+00	1.25E-05
1035	ALL	462980.1	3772389	NonCancer	0.00E+00	3.69E-09	0.00E+00	2.61E-10	2.61E-10	1.23E-07	1.23E-05	0.00E+00	1.14E-08	0.00E+00	2.61E-10	4.21E-07	0.00E+00	0.00E+00	1.23E-05
1036	ALL	462971	3772389	NonCancer	0.00E+00	3.65E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.22E-05	0.00E+00	1.12E-08	0.00E+00	2.58E-10	4.16E-07	0.00E+00	0.00E+00	1.22E-05
1037	ALL	462961.9	3772389	NonCancer	0.00E+00	3.61E-09	0.00E+00	2.55E-10	2.55E-10	1.20E-07	1.21E-05	0.00E+00	1.11E-08	0.00E+00	2.55E-10	4.12E-07	0.00E+00	0.00E+00	1.21E-05
1038	ALL	462952.8	3772389	NonCancer	0.00E+00	3.57E-09	0.00E+00	2.52E-10	2.52E-10	1.19E-07	1.20E-05	0.00E+00	1.10E-08	0.00E+00	2.52E-10	4.07E-07	0.00E+00	0.00E+00	1.20E-05
1039	ALL	462943.7	3772389	NonCancer	0.00E+00	3.53E-09	0.00E+00	2.49E-10	2.49E-10	1.18E-07	1.18E-05	0.00E+00	1.09E-08	0.00E+00	2.49E-10	4.03E-07	0.00E+00	0.00E+00	1.18E-05
1040	ALL	462934.6	3772389	NonCancer	0.00E+00	3.49E-09	0.00E+00	2.47E-10	2.47E-10	1.16E-07	1.17E-05	0.00E+00	1.07E-08	0.00E+00	2.47E-10	3.98E-07	0.00E+00	0.00E+00	1.17E-05
1041	ALL	462925.5	3772389	NonCancer	0.00E+00	3.45E-09	0.00E+00	2.44E-10	2.44E-10	1.15E-07	1.16E-05	0.00E+00	1.06E-08	0.00E+00	2.44E-10	3.94E-07	0.00E+00	0.00E+00	1.16E-05
1042	ALL	462916.4	3772389	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.15E-05	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.90E-07	0.00E+00	0.00E+00	1.15E-05
1043	ALL	462998.2	3772349	NonCancer	0.00E+00	3.58E-09	0.00E+00	2.53E-10	2.53E-10	1.19E-07	1.19E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.08E-07	0.00E+00	0.00E+00	1.19E-05
1044	ALL	462989.1	3772349	NonCancer	0.00E+00	3.53E-09	0.00E+00	2.50E-10	2.50E-10	1.18E-07	1.17E-05	0.00E+00	1.09E-08	0.00E+00	2.50E-10	4.03E-07	0.00E+00	0.00E+00	1.17E-05
1045	ALL	462980	3772349	NonCancer	0.00E+00	3.49E-09	0.00E+00	2.47E-10	2.47E-10	1.16E-07	1.16E-05	0.00E+00	1.07E-08	0.00E+00	2.47E-10	3.99E-07	0.00E+00	0.00E+00	1.16E-05
1046	ALL	462970.9	3772349	NonCancer	0.00E+00	3.45E-09	0.00E+00	2.44E-10	2.44E-10	1.15E-07	1.15E-05	0.00E+00	1.06E-08	0.00E+00	2.44E-10	3.94E-07	0.00E+00	0.00E+00	1.15E-05
1047	ALL	462961.8	3772349	NonCancer	0.00E+00	3.41E-09	0.00E+00	2.41E-10	2.41E-10	1.14E-07	1.14E-05	0.00E+00	1.05E-08	0.00E+00	2.41E-10	3.90E-07	0.00E+00	0.00E+00	1.14E-05
1048	ALL	462952.7	3772349	NonCancer	0.00E+00	3.38E-09	0.00E+00	2.38E-10	2.38E-10	1.13E-07	1.13E-05	0.00E+00	1.04E-08	0.00E+00	2.38E-10	3.85E-07	0.00E+00	0.00E+00	1.13E-05
1049	ALL	462943.6	3772349	NonCancer	0.00E+00	3.34E-09	0.00E+00	2.36E-10	2.36E-10	1.11E-07	1.12E-05	0.00E+00	1.03E-08	0.00E+00	2.36E-10	3.81E-07	0.00E+00	0.00E+00	1.12E-05
1050	ALL	462934.5	3772349	NonCancer	0.00E+00	3.30E-09	0.00E+00	2.33E-10	2.33E-10	1.10E-07	1.11E-05	0.00E+00	1.02E-08	0.00E+00	2.33E-10	3.77E-07	0.00E+00	0.00E+00	1.11E-05
1051	ALL	462925.4	3772349	NonCancer	0.00E+00	3.27E-09	0.00E+00	2.31E-10	2.31E-10	1.09E-07	1.10E-05	0.00E+00	1.01E-08	0.00E+00	2.31E-10	3.73E-07	0.00E+00	0.00E+00	1.10E-05
1052	ALL	462916.3	3772349	NonCancer	0.00E+00	3.24E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.09E-05	0.00E+00	9.97E-09	0.00E+00	2.29E-10	3.69E-07	0.00E+00	0.00E+00	1.09E-05
1053	ALL	462998.1	3772309	NonCancer	0.00E+00	3.38E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	1.12E-05	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.86E-07	0.00E+00	0.00E+00	1.12E-05
1054	ALL	462989	3772309	NonCancer	0.00E+00	3.34E-09	0.00E+00	2.36E-10	2.36E-10	1.11E-07	1.11E-05	0.00E+00	1.03E-08	0.00E+00	2.36E-10	3.82E-07	0.00E+00	0.00E+00	1.11E-05
1055	ALL	462979.9	3772309	NonCancer	0.00E+00	3.30E-09	0.00E+00	2.33E-10	2.33E-10	1.10E-07	1.10E-05	0.00E+00	1.02E-08	0.00E+00	2.33E-10	3.77E-07	0.00E+00	0.00E+00	1.10E-05
1056	ALL	462970.8	3772309	NonCancer	0.00E+00	3.27E-09	0.00E+00	2.31E-10	2.31E-10	1.09E-07	1.08E-05	0.00E+00	1.01E-08	0.00E+00	2.31E-10	3.73E-07	0.00E+00	0.00E+00	1.08E-05
1057	ALL	462961.7	3772309	NonCancer	0.00E+00	3.23E-09	0.00E+00	2.28E-10	2.28E-10	1.08E-07	1.07E-05	0.00E+00	9.95E-09	0.00E+00	2.28E-10	3.69E-07	0.00E+00	0.00E+00	1.07E-05
1058	ALL	462952.6	3772309	NonCancer	0.00E+00	3.20E-09	0.00E+00	2.26E-10	2.26E-10	1.07E-07	1.06E-05	0.00E+00	9.84E-09	0.00E+00	2.26E-10	3.65E-07	0.00E+00	0.00E+00	1.06E-05
1059	ALL	462943.5	3772309	NonCancer	0.00E+00	3.16E-09	0.00E+00	2.23E-10	2.23E-10	1.05E-07	1.05E-05	0.00E+00	9.73E-09	0.00E+00	2.23E-10	3.61E-07	0.00E+00	0.00E+00	1.05E-05
1060	ALL	462934.4	3772309	NonCancer	0.00E+00	3.13E-09	0.00E+00	2.21E-10	2.21E-10	1.04E-07	1.04E-05	0.00E+00	9.63E-09	0.00E+00	2.21E-10	3.57E-07	0.00E+00	0.00E+00	1.04E-05
1061	ALL	462925.3	3772309	NonCancer	0.00E+00	3.10E-09	0.00E+00	2.19E-10	2.19E-10	1.03E-07	1.03E-05	0.00E+00	9.53E-09	0.00E+00	2.19E-10	3.53E-07	0.00E+00	0.00E+00	1.03E-05
1062	ALL	462916.3	3772309	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.02E-07	1.02E-05	0.00E+00	9.44E-09	0.00E+00	2.17E-10	3.50E-07	0.00E+00	0.00E+00	1.02E-05
1063	ALL	462998.1	3772269	NonCancer	0.00E+00	3.20E-09	0.00E+00	2.26E-10	2.26E-10	1.07E-07	1.05E-05	0.00E+00	9.84E-09	0.00E+00	2.26E-10	3.65E-07	0.00E+00	0.00E+00	1.05E-05
1064	ALL	462989	3772269	NonCancer	0.00E+00	3.16E-09	0.00E+00	2.23E-10	2.23E-10	1.05E-07	1.04E-05	0.00E+00	9.73E-09	0.00E+00	2.23E-10	3.61E-07	0.00E+00	0.00E+00	1.04E-05
1065	ALL	462979.9	3772269	NonCancer	0.00E+00	3.12E-09	0.00E+00	2.21E-10	2.21E-10	1.04E-07	1.03E-05	0.00E+00	9.62E-09	0.00E+00	2.21E-10	3.57E-07	0.00E+00	0.00E+00	1.03E-05
1066	ALL	462970.8	3772269	NonCancer	0.00E+00	3.09E-09	0.00E+00	2.18E-10	2.18E-10	1.03E-07	1.02E-05	0.00E+00	9.51E-09	0.00E+00	2.18E-10	3.53E-07	0.00E+00	0.00E+00	1.02E-05
1067	ALL	462961.7	3772269	NonCancer	0.00E+00	3.06E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	1.01E-05	0.00E+00	9.41E-09	0.00E+00	2.16E-10	3.49E-07	0.00E+00	0.00E+00	1.01E-05
1068	ALL	462952.6	3772269	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.00E-05	0.00E+00	9.31E-09	0.00E+00	2.14E-10	3.45E-07	0.00E+00	0.00E+00	1.00E-05
1069	ALL	462943.5	3772269	NonCancer	0.00E+00	2.99E-09	0.00E+00	2.11E-10	2.11E-10	9.98E-08	9.94E-06	0.00E+00	9.21E-09	0.00E+00	2.11E-10	3.42E-07	0.00E+00	0.00E+00	9.94E-06
1070	ALL	462934.4	3772269	NonCancer	0.00E+00	2.96E-09	0.00E+00	2.09E-10	2.09E-10	9.88E-08	9.85E-06	0.00E+00	9.12E-09	0.00E+00	2.09E-10	3.38E-07	0.00E+00	0.00E+00	9.85E-06
1071	ALL	462925.3	3772269	NonCancer	0.00E+00	2.93E-09	0.00E+00	2.07E-10	2.07E-10	9.78E-08	9.76E-06	0.00E+00	9.03E-09	0.00E+00	2.07E-10	3.35E-07	0.00E+00	0.00E+00	9.76E-06
1072	ALL	462916.2	3772269	NonCancer	0.00E+00	2.91E-09	0.00E+00	2.05E-10	2.05E-10	9.69E-08	9.68E-06	0.00E+00	8.95E-09	0.00E+00	2.05E-10	3.32E-07	0.00E+00	0.00E+00	9.68E-06
1073	ALL	463032.1	3772239	NonCancer	0.00E+00	3.20E-09	0.00E+00	2.26E-10	2.26E-10	1.07E-07	1.05E-05	0.00E+00	9.86E-09	0.00E+00	2.26E-10	3.66E-07	0.00E+00	0.00E+00	1.05E-05
1074	ALL	463040.5	3772242	NonCancer	0.00E+00	3.26E-09	0.00E+00	2.30E-10	2.30E-10	1.09E-07	1.07E-05	0.00E+00	1.00E-08	0.00E+00	2.30E-10	3.72E-07	0.00E+00	0.00E+00	1.07E-05
1075	ALL	463057.2	3772249	NonCancer	0.00E+00	3.37E-09	0.00E+00	2.38E-10	2.38E-10	1.12E-07	1.10E-05	0.00E+00	1.04E-08	0.00E+00	2.38E-10	3.85E-07	0.00E+00	0.00E+00	1.10E-05
1076	ALL	463065.5	3772253	NonCancer	0.00E+00	3.43E-09	0.00E+00	2.43E-10	2.43E-10	1.15E-07	1.12E-05	0.00E+00	1.06E-08	0.00E+00	2.43E-10	3.92E-07	0.00E+00	0.00E+00	1.12E-05
1077	ALL	463073.9	3772256	NonCancer	0.00E+00	3.50E-09	0.00E+00	2.47E-10	2.47E-10	1.17E-07	1.14E-05	0.00E+00	1.08E-08	0.00E+00	2.47E-10	3.99E-07	0.00E+00	0.00E+00	1.14E-05
1078	ALL	463441.2	3772407	NonCancer	0.00E+00	4.78E-08	0.00E+00	3.38E-09	3.38E-09	1.59E-06	1.32E-04	0.00E+00	1.47E-07	0.00E+00	3.38E-09	5.46E-06	0.00E+00	0.00E+00	1.32E-04

1079	ALL	463457.9	3772414	NonCancer	0.00E+00	2.76E-08	0.00E+00	1.95E-09	1.95E-09	9.21E-07	8.00E-05	0.00E+00	8.51E-08	0.00E+00	1.95E-09	3.15E-06	0.00E+00	0.00E+00	8.00E-05
1080	ALL	463466.2	3772418	NonCancer	0.00E+00	2.32E-08	0.00E+00	1.64E-09	1.64E-09	7.72E-07	6.79E-05	0.00E+00	7.13E-08	0.00E+00	1.64E-09	2.64E-06	0.00E+00	0.00E+00	6.79E-05
1081	ALL	463474.5	3772421	NonCancer	0.00E+00	2.01E-08	0.00E+00	1.42E-09	1.42E-09	6.69E-07	5.93E-05	0.00E+00	6.18E-08	0.00E+00	1.42E-09	2.29E-06	0.00E+00	0.00E+00	5.93E-05
1082	ALL	463491.2	3772428	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.35E-07	4.79E-05	0.00E+00	4.94E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	4.79E-05
1083	ALL	463499.6	3772431	NonCancer	0.00E+00	1.46E-08	0.00E+00	1.03E-09	1.03E-09	4.88E-07	4.39E-05	0.00E+00	4.50E-08	0.00E+00	1.03E-09	1.67E-06	0.00E+00	0.00E+00	4.39E-05
1084	ALL	463507.9	3772435	NonCancer	0.00E+00	1.35E-08	0.00E+00	9.51E-10	9.51E-10	4.49E-07	4.06E-05	0.00E+00	4.14E-08	0.00E+00	9.51E-10	1.54E-06	0.00E+00	0.00E+00	4.06E-05
1085	ALL	463524.6	3772442	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.25E-10	8.25E-10	3.89E-07	3.54E-05	0.00E+00	3.59E-08	0.00E+00	8.25E-10	1.33E-06	0.00E+00	0.00E+00	3.54E-05
1086	ALL	462998	3772229	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.13E-10	2.13E-10	1.01E-07	9.94E-06	0.00E+00	9.29E-09	0.00E+00	2.13E-10	3.44E-07	0.00E+00	0.00E+00	9.94E-06
1087	ALL	462988.9	3772229	NonCancer	0.00E+00	2.98E-09	0.00E+00	2.11E-10	2.11E-10	9.95E-08	9.84E-06	0.00E+00	9.19E-09	0.00E+00	2.11E-10	3.41E-07	0.00E+00	0.00E+00	9.84E-06
1088	ALL	462979.8	3772229	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.09E-10	2.09E-10	9.85E-08	9.74E-06	0.00E+00	9.09E-09	0.00E+00	2.09E-10	3.37E-07	0.00E+00	0.00E+00	9.74E-06
1089	ALL	462970.7	3772229	NonCancer	0.00E+00	2.92E-09	0.00E+00	2.06E-10	2.06E-10	9.74E-08	9.65E-06	0.00E+00	8.99E-09	0.00E+00	2.06E-10	3.33E-07	0.00E+00	0.00E+00	9.65E-06
1090	ALL	462961.6	3772229	NonCancer	0.00E+00	2.89E-09	0.00E+00	2.04E-10	2.04E-10	9.64E-08	9.56E-06	0.00E+00	8.90E-09	0.00E+00	2.04E-10	3.30E-07	0.00E+00	0.00E+00	9.56E-06
1091	ALL	462952.5	3772229	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.55E-08	9.47E-06	0.00E+00	8.81E-09	0.00E+00	2.02E-10	3.27E-07	0.00E+00	0.00E+00	9.47E-06
1092	ALL	462943.4	3772229	NonCancer	0.00E+00	2.83E-09	0.00E+00	2.00E-10	2.00E-10	9.45E-08	9.39E-06	0.00E+00	8.73E-09	0.00E+00	2.00E-10	3.24E-07	0.00E+00	0.00E+00	9.39E-06
1093	ALL	462934.3	3772229	NonCancer	0.00E+00	2.81E-09	0.00E+00	1.98E-10	1.98E-10	9.36E-08	9.31E-06	0.00E+00	8.64E-09	0.00E+00	1.98E-10	3.20E-07	0.00E+00	0.00E+00	9.31E-06
1094	ALL	462925.2	3772229	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.96E-10	1.96E-10	9.27E-08	9.23E-06	0.00E+00	8.56E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	9.23E-06
1095	ALL	462916.1	3772229	NonCancer	0.00E+00	2.75E-09	0.00E+00	1.95E-10	1.95E-10	9.18E-08	9.15E-06	0.00E+00	8.48E-09	0.00E+00	1.95E-10	3.14E-07	0.00E+00	0.00E+00	9.15E-06
1096	ALL	463032.2	3772199	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.13E-10	2.13E-10	1.01E-07	9.89E-06	0.00E+00	9.29E-09	0.00E+00	2.13E-10	3.44E-07	0.00E+00	0.00E+00	9.89E-06
1097	ALL	463040.5	3772202	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.02E-07	1.00E-05	0.00E+00	9.44E-09	0.00E+00	2.17E-10	3.50E-07	0.00E+00	0.00E+00	1.00E-05
1098	ALL	463048.9	3772206	NonCancer	0.00E+00	3.12E-09	0.00E+00	2.20E-10	2.20E-10	1.04E-07	1.02E-05	0.00E+00	9.60E-09	0.00E+00	2.20E-10	3.56E-07	0.00E+00	0.00E+00	1.02E-05
1099	ALL	463057.3	3772209	NonCancer	0.00E+00	3.17E-09	0.00E+00	2.24E-10	2.24E-10	1.06E-07	1.04E-05	0.00E+00	9.77E-09	0.00E+00	2.24E-10	3.62E-07	0.00E+00	0.00E+00	1.04E-05
1100	ALL	463099.3	3772227	NonCancer	0.00E+00	3.48E-09	0.00E+00	2.46E-10	2.46E-10	1.16E-07	1.13E-05	0.00E+00	1.07E-08	0.00E+00	2.46E-10	3.98E-07	0.00E+00	0.00E+00	1.13E-05
1101	ALL	463107.6	3772230	NonCancer	0.00E+00	3.55E-09	0.00E+00	2.51E-10	2.51E-10	1.19E-07	1.16E-05	0.00E+00	1.09E-08	0.00E+00	2.51E-10	4.06E-07	0.00E+00	0.00E+00	1.16E-05
1102	ALL	463116	3772234	NonCancer	0.00E+00	3.63E-09	0.00E+00	2.57E-10	2.57E-10	1.21E-07	1.18E-05	0.00E+00	1.12E-08	0.00E+00	2.57E-10	4.14E-07	0.00E+00	0.00E+00	1.18E-05
1103	ALL	463124.4	3772237	NonCancer	0.00E+00	3.71E-09	0.00E+00	2.62E-10	2.62E-10	1.24E-07	1.20E-05	0.00E+00	1.14E-08	0.00E+00	2.62E-10	4.23E-07	0.00E+00	0.00E+00	1.20E-05
1104	ALL	463132.8	3772240	NonCancer	0.00E+00	3.79E-09	0.00E+00	2.68E-10	2.68E-10	1.27E-07	1.23E-05	0.00E+00	1.17E-08	0.00E+00	2.68E-10	4.33E-07	0.00E+00	0.00E+00	1.23E-05
1105	ALL	463141.2	3772244	NonCancer	0.00E+00	3.88E-09	0.00E+00	2.74E-10	2.74E-10	1.30E-07	1.26E-05	0.00E+00	1.20E-08	0.00E+00	2.74E-10	4.43E-07	0.00E+00	0.00E+00	1.26E-05
1106	ALL	463149.6	3772247	NonCancer	0.00E+00	3.98E-09	0.00E+00	2.81E-10	2.81E-10	1.33E-07	1.29E-05	0.00E+00	1.22E-08	0.00E+00	2.81E-10	4.54E-07	0.00E+00	0.00E+00	1.29E-05
1107	ALL	463158	3772251	NonCancer	0.00E+00	4.08E-09	0.00E+00	2.88E-10	2.88E-10	1.36E-07	1.32E-05	0.00E+00	1.26E-08	0.00E+00	2.88E-10	4.66E-07	0.00E+00	0.00E+00	1.32E-05
1108	ALL	463166.4	3772254	NonCancer	0.00E+00	4.19E-09	0.00E+00	2.96E-10	2.96E-10	1.40E-07	1.35E-05	0.00E+00	1.29E-08	0.00E+00	2.96E-10	4.78E-07	0.00E+00	0.00E+00	1.35E-05
1109	ALL	463174.8	3772258	NonCancer	0.00E+00	4.30E-09	0.00E+00	3.04E-10	3.04E-10	1.44E-07	1.39E-05	0.00E+00	1.33E-08	0.00E+00	3.04E-10	4.91E-07	0.00E+00	0.00E+00	1.39E-05
1110	ALL	463434.8	3772365	NonCancer	0.00E+00	6.75E-08	0.00E+00	4.77E-09	4.77E-09	2.25E-06	1.80E-04	0.00E+00	2.08E-07	0.00E+00	4.77E-09	7.71E-06	0.00E+00	0.00E+00	1.80E-04
1111	ALL	463443.2	3772368	NonCancer	0.00E+00	4.31E-08	0.00E+00	3.04E-09	3.04E-09	1.44E-06	1.20E-04	0.00E+00	1.33E-07	0.00E+00	3.04E-09	4.91E-06	0.00E+00	0.00E+00	1.20E-04
1112	ALL	463451.6	3772372	NonCancer	0.00E+00	3.21E-08	0.00E+00	2.27E-09	2.27E-09	1.07E-06	9.16E-05	0.00E+00	9.87E-08	0.00E+00	2.27E-09	3.66E-06	0.00E+00	0.00E+00	9.16E-05
1113	ALL	463459.9	3772375	NonCancer	0.00E+00	2.58E-08	0.00E+00	1.82E-09	1.82E-09	8.60E-07	7.49E-05	0.00E+00	7.94E-08	0.00E+00	1.82E-09	2.94E-06	0.00E+00	0.00E+00	7.49E-05
1114	ALL	463468.3	3772379	NonCancer	0.00E+00	2.18E-08	0.00E+00	1.54E-09	1.54E-09	7.25E-07	6.38E-05	0.00E+00	6.70E-08	0.00E+00	1.54E-09	2.48E-06	0.00E+00	0.00E+00	6.38E-05
1115	ALL	463485.1	3772386	NonCancer	0.00E+00	1.68E-08	0.00E+00	1.19E-09	1.19E-09	5.61E-07	5.00E-05	0.00E+00	5.17E-08	0.00E+00	1.19E-09	1.92E-06	0.00E+00	0.00E+00	5.00E-05
1116	ALL	463493.5	3772389	NonCancer	0.00E+00	1.52E-08	0.00E+00	1.07E-09	1.07E-09	5.06E-07	4.54E-05	0.00E+00	4.67E-08	0.00E+00	1.07E-09	1.73E-06	0.00E+00	0.00E+00	4.54E-05
1117	ALL	463501.9	3772392	NonCancer	0.00E+00	1.38E-08	0.00E+00	9.78E-10	9.78E-10	4.62E-07	4.16E-05	0.00E+00	4.26E-08	0.00E+00	9.78E-10	1.58E-06	0.00E+00	0.00E+00	4.16E-05
1118	ALL	463510.3	3772396	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.01E-10	9.01E-10	4.25E-07	3.84E-05	0.00E+00	3.93E-08	0.00E+00	9.01E-10	1.46E-06	0.00E+00	0.00E+00	3.84E-05
1119	ALL	463527	3772403	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.83E-10	7.83E-10	3.70E-07	3.36E-05	0.00E+00	3.41E-08	0.00E+00	7.83E-10	1.26E-06	0.00E+00	0.00E+00	3.36E-05
1120	ALL	463535.4	3772406	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.36E-10	7.36E-10	3.47E-07	3.16E-05	0.00E+00	3.21E-08	0.00E+00	7.36E-10	1.19E-06	0.00E+00	0.00E+00	3.16E-05
1121	ALL	463543.8	3772410	NonCancer	0.00E+00	9.84E-09	0.00E+00	6.95E-10	6.95E-10	3.28E-07	3.00E-05	0.00E+00	3.03E-08	0.00E+00	6.95E-10	1.12E-06	0.00E+00	0.00E+00	3.00E-05
1122	ALL	463552.2	3772413	NonCancer	0.00E+00	9.33E-09	0.00E+00	6.59E-10	6.59E-10	3.11E-07	2.85E-05	0.00E+00	2.87E-08	0.00E+00	6.59E-10	1.06E-06	0.00E+00	0.00E+00	2.85E-05
1123	ALL	463569	3772420	NonCancer	0.00E+00	8.46E-09	0.00E+00	5.98E-10	5.98E-10	2.82E-07	2.59E-05	0.00E+00	2.61E-08	0.00E+00	5.98E-10	9.66E-07	0.00E+00	0.00E+00	2.59E-05
1124	ALL	463594.2	3772430	NonCancer	0.00E+00	7.48E-09	0.00E+00	5.29E-10	5.29E-10	2.49E-07	2.30E-05	0.00E+00	2.30E-08	0.00E+00	5.29E-10	8.54E-07	0.00E+00	0.00E+00	2.30E-05
1125	ALL	463602.5	3772434	NonCancer	0.00E+00	7.21E-09	0.00E+00	5.10E-10	5.10E-10	2.40E-07	2.22E-05	0.00E+00	2.22E-08	0.00E+00	5.10E-10	8.23E-07	0.00E+00	0.00E+00	2.22E-05
1126	ALL	463610.9	3772437	NonCancer	0.00E+00	6.96E-09	0.00E+00	4.92E-10	4.92E-10	2.32E-07	2.15E-05	0.00E+00	2.14E-08	0.00E+00	4.92E-10	7.95E-07	0.00E+00	0.00E+00	2.15E-05
1127	ALL	463619.3	3772441	NonCancer	0.00E+00	6.74E-09	0.00E+00	4.76E-10	4.76E-10	2.25E-07	2.08E-05	0.00E+00	2.07E-08	0.00E+00	4.76E-10	7.69E-07	0.00E+00	0.00E+00	2.08E-05
1128	ALL	462997.9	3772189	NonCancer	0.00E+00	2.85E-09	0.00E+00	2.01E-10	2.01E-10	9.50E-08	9.36E-06	0.00E+00	8.77E-09	0.00E+00	2.01E-10	3.25E-07	0.00E+00	0.00E+00	9.36E-06
1129	ALL	462988.8	3772189	NonCancer	0.00E+00	2.82E-09	0.00E+00	1.99E-10	1.99E-10	9.40E-08	9.27E-06	0.00E+00	8.68E-09	0.00E+00	1.99E-10	3.22E-07	0.00E+00	0.00E+00	9.27E-06
1130	ALL	462979.7	3772189	NonCancer	0.00E+00	2.79E-09	0.00E+00	1.97E-10	1.97E-10	9.31E-08	9.19E-06	0.00E+00	8.59E-09	0.00E+00	1.97E-10	3.18E-07	0.00E+00	0.00E+00	9.19E-06
1131	ALL	462970.6	3772189	NonCancer	0.00E+00	2.76E-09	0.00E+00	1.95E-10	1.95E-10	9.21E-08	9.10E-06	0.00E+00	8.50E-09	0.00E+00	1.95E-10	3.15E-07	0.00E+00	0.00E+00	9.10E-06
1132	ALL	462961.5	3772189	NonCancer	0.00E+00	2.73E-09	0.00E+00	1.93E-10	1.93E-10	9.12E-08	9.02E-06	0.00E+00	8.42E-09	0.00E+00	1.93E-10	3.12E-07	0.00E+00	0.00E+00	9.02E-06

1133	ALL	462952.4	3772189	NonCancer	0.00E+00	2.71E-09	0.00E+00	1.91E-10	1.91E-10	9.03E-08	8.94E-06	0.00E+00	8.34E-09	0.00E+00	1.91E-10	3.09E-07	0.00E+00	0.00E+00	8.94E-06
1134	ALL	462943.3	3772189	NonCancer	0.00E+00	2.68E-09	0.00E+00	1.90E-10	1.90E-10	8.95E-08	8.86E-06	0.00E+00	8.26E-09	0.00E+00	1.90E-10	3.06E-07	0.00E+00	0.00E+00	8.86E-06
1135	ALL	462934.2	3772189	NonCancer	0.00E+00	2.66E-09	0.00E+00	1.88E-10	1.88E-10	8.86E-08	8.79E-06	0.00E+00	8.18E-09	0.00E+00	1.88E-10	3.03E-07	0.00E+00	0.00E+00	8.79E-06
1136	ALL	462925.1	3772189	NonCancer	0.00E+00	2.63E-09	0.00E+00	1.86E-10	1.86E-10	8.78E-08	8.72E-06	0.00E+00	8.11E-09	0.00E+00	1.86E-10	3.01E-07	0.00E+00	0.00E+00	8.72E-06
1137	ALL	462916	3772189	NonCancer	0.00E+00	2.61E-09	0.00E+00	1.84E-10	1.84E-10	8.70E-08	8.64E-06	0.00E+00	8.03E-09	0.00E+00	1.84E-10	2.98E-07	0.00E+00	0.00E+00	8.64E-06
1138	ALL	463031.9	3772159	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.01E-10	2.01E-10	9.46E-08	9.29E-06	0.00E+00	8.74E-09	0.00E+00	2.01E-10	3.24E-07	0.00E+00	0.00E+00	9.29E-06
1139	ALL	463048.5	3772166	NonCancer	0.00E+00	2.93E-09	0.00E+00	2.07E-10	2.07E-10	9.77E-08	9.57E-06	0.00E+00	9.02E-09	0.00E+00	2.07E-10	3.34E-07	0.00E+00	0.00E+00	9.57E-06
1140	ALL	463056.9	3772169	NonCancer	0.00E+00	2.98E-09	0.00E+00	2.10E-10	2.10E-10	9.93E-08	9.72E-06	0.00E+00	9.16E-09	0.00E+00	2.10E-10	3.40E-07	0.00E+00	0.00E+00	9.72E-06
1141	ALL	463065.2	3772173	NonCancer	0.00E+00	3.03E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	9.87E-06	0.00E+00	9.32E-09	0.00E+00	2.14E-10	3.45E-07	0.00E+00	0.00E+00	9.87E-06
1142	ALL	463081.8	3772180	NonCancer	0.00E+00	3.13E-09	0.00E+00	2.21E-10	2.21E-10	1.05E-07	1.02E-05	0.00E+00	9.65E-09	0.00E+00	2.21E-10	3.58E-07	0.00E+00	0.00E+00	1.02E-05
1143	ALL	463090.2	3772183	NonCancer	0.00E+00	3.19E-09	0.00E+00	2.25E-10	2.25E-10	1.06E-07	1.04E-05	0.00E+00	9.82E-09	0.00E+00	2.25E-10	3.64E-07	0.00E+00	0.00E+00	1.04E-05
1144	ALL	463106.8	3772190	NonCancer	0.00E+00	3.31E-09	0.00E+00	2.34E-10	2.34E-10	1.11E-07	1.08E-05	0.00E+00	1.02E-08	0.00E+00	2.34E-10	3.78E-07	0.00E+00	0.00E+00	1.08E-05
1145	ALL	463115.1	3772193	NonCancer	0.00E+00	3.38E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	1.10E-05	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.86E-07	0.00E+00	0.00E+00	1.10E-05
1146	ALL	463123.5	3772197	NonCancer	0.00E+00	3.45E-09	0.00E+00	2.44E-10	2.44E-10	1.15E-07	1.12E-05	0.00E+00	1.06E-08	0.00E+00	2.44E-10	3.94E-07	0.00E+00	0.00E+00	1.12E-05
1147	ALL	463140.1	3772204	NonCancer	0.00E+00	3.61E-09	0.00E+00	2.55E-10	2.55E-10	1.20E-07	1.17E-05	0.00E+00	1.11E-08	0.00E+00	2.55E-10	4.12E-07	0.00E+00	0.00E+00	1.17E-05
1148	ALL	463148.5	3772207	NonCancer	0.00E+00	3.69E-09	0.00E+00	2.61E-10	2.61E-10	1.23E-07	1.19E-05	0.00E+00	1.14E-08	0.00E+00	2.61E-10	4.21E-07	0.00E+00	0.00E+00	1.19E-05
1149	ALL	463198.4	3772228	NonCancer	0.00E+00	4.32E-09	0.00E+00	3.05E-10	3.05E-10	1.44E-07	1.39E-05	0.00E+00	1.33E-08	0.00E+00	3.05E-10	4.93E-07	0.00E+00	0.00E+00	1.39E-05
1150	ALL	463206.7	3772231	NonCancer	0.00E+00	4.46E-09	0.00E+00	3.15E-10	3.15E-10	1.49E-07	1.43E-05	0.00E+00	1.37E-08	0.00E+00	3.15E-10	5.09E-07	0.00E+00	0.00E+00	1.43E-05
1151	ALL	463223.4	3772238	NonCancer	0.00E+00	4.77E-09	0.00E+00	3.37E-10	3.37E-10	1.59E-07	1.53E-05	0.00E+00	1.47E-08	0.00E+00	3.37E-10	5.44E-07	0.00E+00	0.00E+00	1.53E-05
1152	ALL	463231.7	3772241	NonCancer	0.00E+00	4.94E-09	0.00E+00	3.49E-10	3.49E-10	1.65E-07	1.58E-05	0.00E+00	1.52E-08	0.00E+00	3.49E-10	5.64E-07	0.00E+00	0.00E+00	1.58E-05
1153	ALL	463240	3772245	NonCancer	0.00E+00	5.14E-09	0.00E+00	3.63E-10	3.63E-10	1.71E-07	1.64E-05	0.00E+00	1.58E-08	0.00E+00	3.63E-10	5.86E-07	0.00E+00	0.00E+00	1.64E-05
1154	ALL	463256.7	3772252	NonCancer	0.00E+00	5.59E-09	0.00E+00	3.95E-10	3.95E-10	1.86E-07	1.78E-05	0.00E+00	1.72E-08	0.00E+00	3.95E-10	6.38E-07	0.00E+00	0.00E+00	1.78E-05
1155	ALL	463265	3772255	NonCancer	0.00E+00	5.85E-09	0.00E+00	4.14E-10	4.14E-10	1.95E-07	1.87E-05	0.00E+00	1.80E-08	0.00E+00	4.14E-10	6.68E-07	0.00E+00	0.00E+00	1.87E-05
1156	ALL	463439.9	3772327	NonCancer	0.00E+00	4.90E-08	0.00E+00	3.46E-09	3.46E-09	1.63E-06	1.35E-04	0.00E+00	1.51E-07	0.00E+00	3.46E-09	5.59E-06	0.00E+00	0.00E+00	1.35E-04
1157	ALL	463456.5	3772334	NonCancer	0.00E+00	2.72E-08	0.00E+00	1.92E-09	1.92E-09	9.07E-07	7.84E-05	0.00E+00	8.38E-08	0.00E+00	1.92E-09	3.11E-06	0.00E+00	0.00E+00	7.84E-05
1158	ALL	463464.9	3772337	NonCancer	0.00E+00	2.25E-08	0.00E+00	1.59E-09	1.59E-09	7.51E-07	6.57E-05	0.00E+00	6.93E-08	0.00E+00	1.59E-09	2.57E-06	0.00E+00	0.00E+00	6.57E-05
1159	ALL	463473.2	3772341	NonCancer	0.00E+00	1.93E-08	0.00E+00	1.37E-09	1.37E-09	6.45E-07	5.70E-05	0.00E+00	5.95E-08	0.00E+00	1.37E-09	2.21E-06	0.00E+00	0.00E+00	5.70E-05
1160	ALL	463489.8	3772348	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.09E-07	4.55E-05	0.00E+00	4.70E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	4.55E-05
1161	ALL	463498.2	3772351	NonCancer	0.00E+00	1.38E-08	0.00E+00	9.78E-10	9.78E-10	4.62E-07	4.15E-05	0.00E+00	4.26E-08	0.00E+00	9.78E-10	1.58E-06	0.00E+00	0.00E+00	4.15E-05
1162	ALL	463506.5	3772354	NonCancer	0.00E+00	1.27E-08	0.00E+00	8.98E-10	8.98E-10	4.24E-07	3.82E-05	0.00E+00	3.91E-08	0.00E+00	8.98E-10	1.45E-06	0.00E+00	0.00E+00	3.82E-05
1163	ALL	463523.1	3772361	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.73E-10	7.73E-10	3.65E-07	3.31E-05	0.00E+00	3.37E-08	0.00E+00	7.73E-10	1.25E-06	0.00E+00	0.00E+00	3.31E-05
1164	ALL	463531.5	3772365	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.25E-10	7.25E-10	3.42E-07	3.11E-05	0.00E+00	3.16E-08	0.00E+00	7.25E-10	1.17E-06	0.00E+00	0.00E+00	3.11E-05
1165	ALL	463548.1	3772372	NonCancer	0.00E+00	9.14E-09	0.00E+00	6.46E-10	6.46E-10	3.05E-07	2.78E-05	0.00E+00	2.81E-08	0.00E+00	6.46E-10	1.04E-06	0.00E+00	0.00E+00	2.78E-05
1166	ALL	463556.4	3772375	NonCancer	0.00E+00	8.68E-09	0.00E+00	6.13E-10	6.13E-10	2.89E-07	2.65E-05	0.00E+00	2.67E-08	0.00E+00	6.13E-10	9.91E-07	0.00E+00	0.00E+00	2.65E-05
1167	ALL	463564.8	3772378	NonCancer	0.00E+00	8.27E-09	0.00E+00	5.85E-10	5.85E-10	2.76E-07	2.53E-05	0.00E+00	2.55E-08	0.00E+00	5.85E-10	9.44E-07	0.00E+00	0.00E+00	2.53E-05
1168	ALL	463589.8	3772389	NonCancer	0.00E+00	7.29E-09	0.00E+00	5.15E-10	5.15E-10	2.43E-07	2.24E-05	0.00E+00	2.24E-08	0.00E+00	5.15E-10	8.32E-07	0.00E+00	0.00E+00	2.24E-05
1169	ALL	463606.4	3772396	NonCancer	0.00E+00	6.77E-09	0.00E+00	4.79E-10	4.79E-10	2.26E-07	2.08E-05	0.00E+00	2.09E-08	0.00E+00	4.79E-10	7.73E-07	0.00E+00	0.00E+00	2.08E-05
1170	ALL	463614.7	3772399	NonCancer	0.00E+00	6.54E-09	0.00E+00	4.62E-10	4.62E-10	2.18E-07	2.02E-05	0.00E+00	2.01E-08	0.00E+00	4.62E-10	7.47E-07	0.00E+00	0.00E+00	2.02E-05
1171	ALL	463623.1	3772402	NonCancer	0.00E+00	6.33E-09	0.00E+00	4.47E-10	4.47E-10	2.11E-07	1.95E-05	0.00E+00	1.95E-08	0.00E+00	4.47E-10	7.23E-07	0.00E+00	0.00E+00	1.95E-05
1172	ALL	463639.7	3772409	NonCancer	0.00E+00	5.96E-09	0.00E+00	4.21E-10	4.21E-10	1.99E-07	1.84E-05	0.00E+00	1.84E-08	0.00E+00	4.21E-10	6.80E-07	0.00E+00	0.00E+00	1.84E-05
1173	ALL	463648	3772413	NonCancer	0.00E+00	5.80E-09	0.00E+00	4.10E-10	4.10E-10	1.93E-07	1.79E-05	0.00E+00	1.78E-08	0.00E+00	4.10E-10	6.62E-07	0.00E+00	0.00E+00	1.79E-05
1174	ALL	463664.7	3772420	NonCancer	0.00E+00	5.50E-09	0.00E+00	3.88E-10	3.88E-10	1.83E-07	1.70E-05	0.00E+00	1.69E-08	0.00E+00	3.88E-10	6.28E-07	0.00E+00	0.00E+00	1.70E-05
1175	ALL	463673	3772423	NonCancer	0.00E+00	5.36E-09	0.00E+00	3.79E-10	3.79E-10	1.79E-07	1.66E-05	0.00E+00	1.65E-08	0.00E+00	3.79E-10	6.12E-07	0.00E+00	0.00E+00	1.66E-05
1176	ALL	463681.3	3772426	NonCancer	0.00E+00	5.24E-09	0.00E+00	3.70E-10	3.70E-10	1.75E-07	1.62E-05	0.00E+00	1.61E-08	0.00E+00	3.70E-10	5.98E-07	0.00E+00	0.00E+00	1.62E-05
1177	ALL	463698	3772433	NonCancer	0.00E+00	5.00E-09	0.00E+00	3.53E-10	3.53E-10	1.67E-07	1.55E-05	0.00E+00	1.54E-08	0.00E+00	3.53E-10	5.71E-07	0.00E+00	0.00E+00	1.55E-05
1178	ALL	463706.3	3772437	NonCancer	0.00E+00	4.89E-09	0.00E+00	3.46E-10	3.46E-10	1.63E-07	1.52E-05	0.00E+00	1.51E-08	0.00E+00	3.46E-10	5.58E-07	0.00E+00	0.00E+00	1.52E-05
1179	ALL	462997.8	3772149	NonCancer	0.00E+00	2.69E-09	0.00E+00	1.90E-10	1.90E-10	8.96E-08	8.82E-06	0.00E+00	8.27E-09	0.00E+00	1.90E-10	3.07E-07	0.00E+00	0.00E+00	8.82E-06
1180	ALL	462988.7	3772149	NonCancer	0.00E+00	2.66E-09	0.00E+00	1.88E-10	1.88E-10	8.87E-08	8.74E-06	0.00E+00	8.19E-09	0.00E+00	1.88E-10	3.04E-07	0.00E+00	0.00E+00	8.74E-06
1181	ALL	462979.6	3772149	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.86E-10	1.86E-10	8.79E-08	8.66E-06	0.00E+00	8.11E-09	0.00E+00	1.86E-10	3.01E-07	0.00E+00	0.00E+00	8.66E-06
1182	ALL	462970.5	3772149	NonCancer	0.00E+00	2.61E-09	0.00E+00	1.85E-10	1.85E-10	8.71E-08	8.59E-06	0.00E+00	8.04E-09	0.00E+00	1.85E-10	2.98E-07	0.00E+00	0.00E+00	8.59E-06
1183	ALL	462961.4	3772149	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.63E-08	8.52E-06	0.00E+00	7.97E-09	0.00E+00	1.83E-10	2.95E-07	0.00E+00	0.00E+00	8.52E-06
1184	ALL	462952.3	3772149	NonCancer	0.00E+00	2.56E-09	0.00E+00	1.81E-10	1.81E-10	8.55E-08	8.45E-06	0.00E+00	7.89E-09	0.00E+00	1.81E-10	2.93E-07	0.00E+00	0.00E+00	8.45E-06
1185	ALL	462943.2	3772149	NonCancer	0.00E+00	2.54E-09	0.00E+00	1.80E-10	1.80E-10	8.47E-08	8.38E-06	0.00E+00	7.82E-09	0.00E+00	1.80E-10	2.90E-07	0.00E+00	0.00E+00	8.38E-06
1186	ALL	462934.1	3772149	NonCancer	0.00E+00	2.52E-09	0.00E+00	1.78E-10	1.78E-10	8.40E-08	8.31E-06	0.00E+00	7.75E-09	0.00E+00	1.78E-10	2.87E-07	0.00E+00	0.00E+00	8.31E-06

1187	ALL	462925	3772149	NonCancer	0.00E+00	2.50E-09	0.00E+00	1.76E-10	1.76E-10	8.32E-08	8.24E-06	0.00E+00	7.69E-09	0.00E+00	1.76E-10	2.85E-07	0.00E+00	0.00E+00	8.24E-06
1188	ALL	462915.9	3772149	NonCancer	0.00E+00	2.47E-09	0.00E+00	1.75E-10	1.75E-10	8.25E-08	8.18E-06	0.00E+00	7.62E-09	0.00E+00	1.75E-10	2.82E-07	0.00E+00	0.00E+00	8.18E-06
1189	ALL	462908	3773149	NonCancer	0.00E+00	3.62E-08	0.00E+00	2.56E-09	2.56E-09	1.21E-06	1.82E-04	0.00E+00	1.11E-07	0.00E+00	2.56E-09	4.13E-06	0.00E+00	0.00E+00	1.82E-04
1190	ALL	462908.1	3773159	NonCancer	0.00E+00	3.72E-08	0.00E+00	2.63E-09	2.63E-09	1.24E-06	1.87E-04	0.00E+00	1.14E-07	0.00E+00	2.63E-09	4.24E-06	0.00E+00	0.00E+00	1.87E-04
1191	ALL	462908.2	3773169	NonCancer	0.00E+00	3.78E-08	0.00E+00	2.67E-09	2.67E-09	1.26E-06	1.89E-04	0.00E+00	1.16E-07	0.00E+00	2.67E-09	4.31E-06	0.00E+00	0.00E+00	1.89E-04
1192	ALL	462908.3	3773179	NonCancer	0.00E+00	3.80E-08	0.00E+00	2.69E-09	2.69E-09	1.27E-06	1.89E-04	0.00E+00	1.17E-07	0.00E+00	2.69E-09	4.34E-06	0.00E+00	0.00E+00	1.89E-04
1193	ALL	462908.4	3773189	NonCancer	0.00E+00	3.79E-08	0.00E+00	2.67E-09	2.67E-09	1.26E-06	1.86E-04	0.00E+00	1.17E-07	0.00E+00	2.67E-09	4.32E-06	0.00E+00	0.00E+00	1.86E-04
1194	ALL	462908.5	3773199	NonCancer	0.00E+00	3.74E-08	0.00E+00	2.64E-09	2.64E-09	1.25E-06	1.81E-04	0.00E+00	1.15E-07	0.00E+00	2.64E-09	4.27E-06	0.00E+00	0.00E+00	1.81E-04
1195	ALL	462908.6	3773209	NonCancer	0.00E+00	3.66E-08	0.00E+00	2.59E-09	2.59E-09	1.22E-06	1.75E-04	0.00E+00	1.13E-07	0.00E+00	2.59E-09	4.18E-06	0.00E+00	0.00E+00	1.75E-04
1196	ALL	462908.6	3773219	NonCancer	0.00E+00	3.57E-08	0.00E+00	2.52E-09	2.52E-09	1.19E-06	1.67E-04	0.00E+00	1.10E-07	0.00E+00	2.52E-09	4.07E-06	0.00E+00	0.00E+00	1.67E-04
1197	ALL	462908.7	3773229	NonCancer	0.00E+00	3.46E-08	0.00E+00	2.44E-09	2.44E-09	1.15E-06	1.58E-04	0.00E+00	1.06E-07	0.00E+00	2.44E-09	3.94E-06	0.00E+00	0.00E+00	1.58E-04
1198	ALL	462908.8	3773239	NonCancer	0.00E+00	3.33E-08	0.00E+00	2.35E-09	2.35E-09	1.11E-06	1.50E-04	0.00E+00	1.03E-07	0.00E+00	2.35E-09	3.80E-06	0.00E+00	0.00E+00	1.50E-04
1199	ALL	462900.9	3773142	NonCancer	0.00E+00	3.21E-08	0.00E+00	2.27E-09	2.27E-09	1.07E-06	1.59E-04	0.00E+00	9.87E-08	0.00E+00	2.27E-09	3.66E-06	0.00E+00	0.00E+00	1.59E-04
1200	ALL	462898.1	3773159	NonCancer	0.00E+00	3.23E-08	0.00E+00	2.28E-09	2.28E-09	1.08E-06	1.59E-04	0.00E+00	9.95E-08	0.00E+00	2.28E-09	3.69E-06	0.00E+00	0.00E+00	1.59E-04
1201	ALL	462898.2	3773169	NonCancer	0.00E+00	3.28E-08	0.00E+00	2.32E-09	2.32E-09	1.09E-06	1.61E-04	0.00E+00	1.01E-07	0.00E+00	2.32E-09	3.75E-06	0.00E+00	0.00E+00	1.61E-04
1202	ALL	462898.3	3773179	NonCancer	0.00E+00	3.30E-08	0.00E+00	2.33E-09	2.33E-09	1.10E-06	1.61E-04	0.00E+00	1.02E-07	0.00E+00	2.33E-09	3.77E-06	0.00E+00	0.00E+00	1.61E-04
1203	ALL	462898.4	3773189	NonCancer	0.00E+00	3.30E-08	0.00E+00	2.33E-09	2.33E-09	1.10E-06	1.59E-04	0.00E+00	1.02E-07	0.00E+00	2.33E-09	3.76E-06	0.00E+00	0.00E+00	1.59E-04
1204	ALL	462898.5	3773199	NonCancer	0.00E+00	3.27E-08	0.00E+00	2.31E-09	2.31E-09	1.09E-06	1.56E-04	0.00E+00	1.01E-07	0.00E+00	2.31E-09	3.73E-06	0.00E+00	0.00E+00	1.56E-04
1205	ALL	462898.6	3773209	NonCancer	0.00E+00	3.22E-08	0.00E+00	2.27E-09	2.27E-09	1.07E-06	1.51E-04	0.00E+00	9.90E-08	0.00E+00	2.27E-09	3.67E-06	0.00E+00	0.00E+00	1.51E-04
1206	ALL	462898.6	3773219	NonCancer	0.00E+00	3.15E-08	0.00E+00	2.22E-09	2.22E-09	1.05E-06	1.46E-04	0.00E+00	9.69E-08	0.00E+00	2.22E-09	3.59E-06	0.00E+00	0.00E+00	1.46E-04
1207	ALL	462898.7	3773229	NonCancer	0.00E+00	3.06E-08	0.00E+00	2.16E-09	2.16E-09	1.02E-06	1.39E-04	0.00E+00	9.43E-08	0.00E+00	2.16E-09	3.50E-06	0.00E+00	0.00E+00	1.39E-04
1208	ALL	462898.8	3773239	NonCancer	0.00E+00	2.97E-08	0.00E+00	2.10E-09	2.10E-09	9.90E-07	1.33E-04	0.00E+00	9.14E-08	0.00E+00	2.10E-09	3.39E-06	0.00E+00	0.00E+00	1.33E-04
1209	ALL	462890.9	3773142	NonCancer	0.00E+00	2.83E-08	0.00E+00	2.00E-09	2.00E-09	9.45E-07	1.38E-04	0.00E+00	8.72E-08	0.00E+00	2.00E-09	3.23E-06	0.00E+00	0.00E+00	1.38E-04
1210	ALL	462903.8	3773125	NonCancer	0.00E+00	3.10E-08	0.00E+00	2.19E-09	2.19E-09	1.03E-06	1.53E-04	0.00E+00	9.53E-08	0.00E+00	2.19E-09	3.53E-06	0.00E+00	0.00E+00	1.53E-04
1211	ALL	462888.1	3773159	NonCancer	0.00E+00	2.85E-08	0.00E+00	2.01E-09	2.01E-09	9.51E-07	1.38E-04	0.00E+00	8.78E-08	0.00E+00	2.01E-09	3.25E-06	0.00E+00	0.00E+00	1.38E-04
1212	ALL	462888.2	3773169	NonCancer	0.00E+00	2.89E-08	0.00E+00	2.04E-09	2.04E-09	9.64E-07	1.39E-04	0.00E+00	8.90E-08	0.00E+00	2.04E-09	3.30E-06	0.00E+00	0.00E+00	1.39E-04
1213	ALL	462888.3	3773179	NonCancer	0.00E+00	2.91E-08	0.00E+00	2.06E-09	2.06E-09	9.71E-07	1.39E-04	0.00E+00	8.96E-08	0.00E+00	2.06E-09	3.32E-06	0.00E+00	0.00E+00	1.39E-04
1214	ALL	462888.4	3773189	NonCancer	0.00E+00	2.91E-08	0.00E+00	2.06E-09	2.06E-09	9.70E-07	1.38E-04	0.00E+00	8.96E-08	0.00E+00	2.06E-09	3.32E-06	0.00E+00	0.00E+00	1.38E-04
1215	ALL	462888.5	3773199	NonCancer	0.00E+00	2.89E-08	0.00E+00	2.04E-09	2.04E-09	9.64E-07	1.36E-04	0.00E+00	8.90E-08	0.00E+00	2.04E-09	3.30E-06	0.00E+00	0.00E+00	1.36E-04
1216	ALL	462888.6	3773209	NonCancer	0.00E+00	2.85E-08	0.00E+00	2.02E-09	2.02E-09	9.51E-07	1.32E-04	0.00E+00	8.78E-08	0.00E+00	2.02E-09	3.26E-06	0.00E+00	0.00E+00	1.32E-04
1217	ALL	462888.6	3773219	NonCancer	0.00E+00	2.80E-08	0.00E+00	1.98E-09	1.98E-09	9.34E-07	1.28E-04	0.00E+00	8.63E-08	0.00E+00	1.98E-09	3.20E-06	0.00E+00	0.00E+00	1.28E-04
1218	ALL	462888.7	3773229	NonCancer	0.00E+00	2.74E-08	0.00E+00	1.94E-09	1.94E-09	9.14E-07	1.24E-04	0.00E+00	8.43E-08	0.00E+00	1.94E-09	3.13E-06	0.00E+00	0.00E+00	1.24E-04
1219	ALL	462888.8	3773239	NonCancer	0.00E+00	2.67E-08	0.00E+00	1.88E-09	1.88E-09	8.89E-07	1.19E-04	0.00E+00	8.21E-08	0.00E+00	1.88E-09	3.04E-06	0.00E+00	0.00E+00	1.19E-04
1220	ALL	462880.9	3773142	NonCancer	0.00E+00	2.53E-08	0.00E+00	1.79E-09	1.79E-09	8.44E-07	1.21E-04	0.00E+00	7.79E-08	0.00E+00	1.79E-09	2.89E-06	0.00E+00	0.00E+00	1.21E-04
1221	ALL	462886.7	3773128	NonCancer	0.00E+00	2.58E-08	0.00E+00	1.82E-09	1.82E-09	8.60E-07	1.24E-04	0.00E+00	7.94E-08	0.00E+00	1.82E-09	2.94E-06	0.00E+00	0.00E+00	1.24E-04
1222	ALL	462896.7	3773118	NonCancer	0.00E+00	2.76E-08	0.00E+00	1.95E-09	1.95E-09	9.19E-07	1.34E-04	0.00E+00	8.48E-08	0.00E+00	1.95E-09	3.15E-06	0.00E+00	0.00E+00	1.34E-04
1223	ALL	462878.1	3773159	NonCancer	0.00E+00	2.54E-08	0.00E+00	1.80E-09	1.80E-09	8.48E-07	1.21E-04	0.00E+00	7.83E-08	0.00E+00	1.80E-09	2.90E-06	0.00E+00	0.00E+00	1.21E-04
1224	ALL	462878.2	3773169	NonCancer	0.00E+00	2.58E-08	0.00E+00	1.82E-09	1.82E-09	8.59E-07	1.22E-04	0.00E+00	7.93E-08	0.00E+00	1.82E-09	2.94E-06	0.00E+00	0.00E+00	1.22E-04
1225	ALL	462878.3	3773179	NonCancer	0.00E+00	2.59E-08	0.00E+00	1.83E-09	1.83E-09	8.65E-07	1.22E-04	0.00E+00	7.99E-08	0.00E+00	1.83E-09	2.96E-06	0.00E+00	0.00E+00	1.22E-04
1226	ALL	462878.4	3773189	NonCancer	0.00E+00	2.60E-08	0.00E+00	1.83E-09	1.83E-09	8.65E-07	1.21E-04	0.00E+00	7.99E-08	0.00E+00	1.83E-09	2.96E-06	0.00E+00	0.00E+00	1.21E-04
1227	ALL	462878.5	3773199	NonCancer	0.00E+00	2.58E-08	0.00E+00	1.82E-09	1.82E-09	8.61E-07	1.19E-04	0.00E+00	7.94E-08	0.00E+00	1.82E-09	2.95E-06	0.00E+00	0.00E+00	1.19E-04
1228	ALL	462878.6	3773209	NonCancer	0.00E+00	2.55E-08	0.00E+00	1.80E-09	1.80E-09	8.51E-07	1.17E-04	0.00E+00	7.86E-08	0.00E+00	1.80E-09	2.91E-06	0.00E+00	0.00E+00	1.17E-04
1229	ALL	462878.6	3773219	NonCancer	0.00E+00	2.52E-08	0.00E+00	1.78E-09	1.78E-09	8.39E-07	1.14E-04	0.00E+00	7.75E-08	0.00E+00	1.78E-09	2.87E-06	0.00E+00	0.00E+00	1.14E-04
1230	ALL	462878.7	3773229	NonCancer	0.00E+00	2.47E-08	0.00E+00	1.74E-09	1.74E-09	8.23E-07	1.10E-04	0.00E+00	7.60E-08	0.00E+00	1.74E-09	2.82E-06	0.00E+00	0.00E+00	1.10E-04
1231	ALL	462878.8	3773239	NonCancer	0.00E+00	2.41E-08	0.00E+00	1.70E-09	1.70E-09	8.05E-07	1.07E-04	0.00E+00	7.43E-08	0.00E+00	1.70E-09	2.75E-06	0.00E+00	0.00E+00	1.07E-04
1232	ALL	462871.6	3773140	NonCancer	0.00E+00	2.29E-08	0.00E+00	1.62E-09	1.62E-09	7.64E-07	1.08E-04	0.00E+00	7.05E-08	0.00E+00	1.62E-09	2.61E-06	0.00E+00	0.00E+00	1.08E-04
1233	ALL	462875.2	3773131	NonCancer	0.00E+00	2.32E-08	0.00E+00	1.64E-09	1.64E-09	7.73E-07	1.09E-04	0.00E+00	7.14E-08	0.00E+00	1.64E-09	2.65E-06	0.00E+00	0.00E+00	1.09E-04
1234	ALL	462878.8	3773123	NonCancer	0.00E+00	2.33E-08	0.00E+00	1.65E-09	1.65E-09	7.79E-07	1.11E-04	0.00E+00	7.19E-08	0.00E+00	1.65E-09	2.66E-06	0.00E+00	0.00E+00	1.11E-04
1235	ALL	462891.3	3773110	NonCancer	0.00E+00	2.51E-08	0.00E+00	1.77E-09	1.77E-09	8.38E-07	1.20E-04	0.00E+00	7.73E-08	0.00E+00	1.77E-09	2.87E-06	0.00E+00	0.00E+00	1.20E-04
1236	ALL	462900.2	3773106	NonCancer	0.00E+00	2.70E-08	0.00E+00	1.91E-09	1.91E-09	9.00E-07	1.31E-04	0.00E+00	8.31E-08	0.00E+00	1.91E-09	3.08E-06	0.00E+00	0.00E+00	1.31E-04
1237	ALL	462909	3773103	NonCancer	0.00E+00	2.90E-08	0.00E+00	2.05E-09	2.05E-09	9.66E-07	1.41E-04	0.00E+00	8.92E-08	0.00E+00	2.05E-09	3.31E-06	0.00E+00	0.00E+00	1.41E-04
1238	ALL	462868	3773149	NonCancer	0.00E+00	2.25E-08	0.00E+00	1.59E-09	1.59E-09	7.51E-07	1.05E-04	0.00E+00	6.93E-08	0.00E+00	1.59E-09	2.57E-06	0.00E+00	0.00E+00	1.05E-04
1239	ALL	462868.1	3773159	NonCancer	0.00E+00	2.29E-08	0.00E+00	1.62E-09	1.62E-09	7.64E-07	1.07E-04	0.00E+00	7.05E-08	0.00E+00	1.62E-09	2.61E-06	0.00E+00	0.00E+00	1.07E-04
1240	ALL	462868.2	3773169	NonCancer	0.00E+00	2.32E-08	0.00E+00	1.64E-09	1.64E-09	7.73E-07	1.08E-04	0.00E+00	7.14E-08	0.00E+00	1.64E-09	2.65E-06	0.00E+00	0.00E+00	1.08E-04

1241	ALL	462868.3	3773179	NonCancer	0.00E+00	2.33E-08	0.00E+00	1.65E-09	1.65E-09	7.78E-07	1.08E-04	0.00E+00	7.19E-08	0.00E+00	1.65E-09	2.66E-06	0.00E+00	0.00E+00	1.08E-04
1242	ALL	462868.4	3773189	NonCancer	0.00E+00	2.34E-08	0.00E+00	1.65E-09	1.65E-09	7.79E-07	1.08E-04	0.00E+00	7.19E-08	0.00E+00	1.65E-09	2.67E-06	0.00E+00	0.00E+00	1.08E-04
1243	ALL	462868.5	3773199	NonCancer	0.00E+00	2.33E-08	0.00E+00	1.64E-09	1.64E-09	7.76E-07	1.06E-04	0.00E+00	7.16E-08	0.00E+00	1.64E-09	2.66E-06	0.00E+00	0.00E+00	1.06E-04
1244	ALL	462868.6	3773209	NonCancer	0.00E+00	2.31E-08	0.00E+00	1.63E-09	1.63E-09	7.69E-07	1.04E-04	0.00E+00	7.10E-08	0.00E+00	1.63E-09	2.63E-06	0.00E+00	0.00E+00	1.04E-04
1245	ALL	462868.6	3773219	NonCancer	0.00E+00	2.28E-08	0.00E+00	1.61E-09	1.61E-09	7.60E-07	1.02E-04	0.00E+00	7.01E-08	0.00E+00	1.61E-09	2.60E-06	0.00E+00	0.00E+00	1.02E-04
1246	ALL	462868.7	3773229	NonCancer	0.00E+00	2.24E-08	0.00E+00	1.58E-09	1.58E-09	7.47E-07	9.94E-05	0.00E+00	6.90E-08	0.00E+00	1.58E-09	2.56E-06	0.00E+00	0.00E+00	9.94E-05
1247	ALL	462868.8	3773239	NonCancer	0.00E+00	2.20E-08	0.00E+00	1.55E-09	1.55E-09	7.33E-07	9.63E-05	0.00E+00	6.76E-08	0.00E+00	1.55E-09	2.51E-06	0.00E+00	0.00E+00	9.63E-05
1248	ALL	462861.5	3773141	NonCancer	0.00E+00	2.08E-08	0.00E+00	1.47E-09	1.47E-09	6.94E-07	9.65E-05	0.00E+00	6.40E-08	0.00E+00	1.47E-09	2.37E-06	0.00E+00	0.00E+00	9.65E-05
1249	ALL	462864.9	3773132	NonCancer	0.00E+00	2.11E-08	0.00E+00	1.49E-09	1.49E-09	7.02E-07	9.80E-05	0.00E+00	6.48E-08	0.00E+00	1.49E-09	2.40E-06	0.00E+00	0.00E+00	9.80E-05
1250	ALL	462868.4	3773124	NonCancer	0.00E+00	2.12E-08	0.00E+00	1.50E-09	1.50E-09	7.08E-07	9.91E-05	0.00E+00	6.53E-08	0.00E+00	1.50E-09	2.42E-06	0.00E+00	0.00E+00	9.91E-05
1251	ALL	462871.9	3773115	NonCancer	0.00E+00	2.13E-08	0.00E+00	1.51E-09	1.51E-09	7.11E-07	9.96E-05	0.00E+00	6.56E-08	0.00E+00	1.51E-09	2.43E-06	0.00E+00	0.00E+00	9.96E-05
1252	ALL	462883.8	3773103	NonCancer	0.00E+00	2.27E-08	0.00E+00	1.60E-09	1.60E-09	7.56E-07	1.07E-04	0.00E+00	6.98E-08	0.00E+00	1.60E-09	2.59E-06	0.00E+00	0.00E+00	1.07E-04
1253	ALL	462892.4	3773100	NonCancer	0.00E+00	2.41E-08	0.00E+00	1.70E-09	1.70E-09	8.04E-07	1.15E-04	0.00E+00	7.42E-08	0.00E+00	1.70E-09	2.75E-06	0.00E+00	0.00E+00	1.15E-04
1254	ALL	462900.9	3773096	NonCancer	0.00E+00	2.56E-08	0.00E+00	1.81E-09	1.81E-09	8.55E-07	1.23E-04	0.00E+00	7.89E-08	0.00E+00	1.81E-09	2.93E-06	0.00E+00	0.00E+00	1.23E-04
1255	ALL	462909.4	3773092	NonCancer	0.00E+00	2.72E-08	0.00E+00	1.92E-09	1.92E-09	9.07E-07	1.31E-04	0.00E+00	8.38E-08	0.00E+00	1.92E-09	3.11E-06	0.00E+00	0.00E+00	1.31E-04
1256	ALL	462858	3773149	NonCancer	0.00E+00	2.05E-08	0.00E+00	1.45E-09	1.45E-09	6.83E-07	9.45E-05	0.00E+00	6.30E-08	0.00E+00	1.45E-09	2.34E-06	0.00E+00	0.00E+00	9.45E-05
1257	ALL	462858.1	3773159	NonCancer	0.00E+00	2.08E-08	0.00E+00	1.47E-09	1.47E-09	6.93E-07	9.58E-05	0.00E+00	6.40E-08	0.00E+00	1.47E-09	2.37E-06	0.00E+00	0.00E+00	9.58E-05
1258	ALL	462858.2	3773169	NonCancer	0.00E+00	2.10E-08	0.00E+00	1.49E-09	1.49E-09	7.01E-07	9.66E-05	0.00E+00	6.47E-08	0.00E+00	1.49E-09	2.40E-06	0.00E+00	0.00E+00	9.66E-05
1259	ALL	462858.3	3773179	NonCancer	0.00E+00	2.12E-08	0.00E+00	1.50E-09	1.50E-09	7.06E-07	9.68E-05	0.00E+00	6.52E-08	0.00E+00	1.50E-09	2.42E-06	0.00E+00	0.00E+00	9.68E-05
1260	ALL	462858.4	3773189	NonCancer	0.00E+00	2.12E-08	0.00E+00	1.50E-09	1.50E-09	7.07E-07	9.64E-05	0.00E+00	6.53E-08	0.00E+00	1.50E-09	2.42E-06	0.00E+00	0.00E+00	9.64E-05
1261	ALL	462858.5	3773199	NonCancer	0.00E+00	2.11E-08	0.00E+00	1.49E-09	1.49E-09	7.05E-07	9.54E-05	0.00E+00	6.51E-08	0.00E+00	1.49E-09	2.41E-06	0.00E+00	0.00E+00	9.54E-05
1262	ALL	462858.6	3773209	NonCancer	0.00E+00	2.10E-08	0.00E+00	1.48E-09	1.48E-09	7.00E-07	9.39E-05	0.00E+00	6.46E-08	0.00E+00	1.48E-09	2.39E-06	0.00E+00	0.00E+00	9.39E-05
1263	ALL	462858.6	3773219	NonCancer	0.00E+00	2.08E-08	0.00E+00	1.47E-09	1.47E-09	6.92E-07	9.22E-05	0.00E+00	6.39E-08	0.00E+00	1.47E-09	2.37E-06	0.00E+00	0.00E+00	9.22E-05
1264	ALL	462858.7	3773229	NonCancer	0.00E+00	2.05E-08	0.00E+00	1.45E-09	1.45E-09	6.83E-07	9.00E-05	0.00E+00	6.30E-08	0.00E+00	1.45E-09	2.34E-06	0.00E+00	0.00E+00	9.00E-05
1265	ALL	462858.8	3773239	NonCancer	0.00E+00	2.01E-08	0.00E+00	1.42E-09	1.42E-09	6.71E-07	8.75E-05	0.00E+00	6.19E-08	0.00E+00	1.42E-09	2.30E-06	0.00E+00	0.00E+00	8.75E-05
1266	ALL	462851.4	3773141	NonCancer	0.00E+00	1.90E-08	0.00E+00	1.34E-09	1.34E-09	6.34E-07	8.70E-05	0.00E+00	5.86E-08	0.00E+00	1.34E-09	2.17E-06	0.00E+00	0.00E+00	8.70E-05
1267	ALL	462854.7	3773133	NonCancer	0.00E+00	1.92E-08	0.00E+00	1.36E-09	1.36E-09	6.42E-07	8.84E-05	0.00E+00	5.93E-08	0.00E+00	1.36E-09	2.20E-06	0.00E+00	0.00E+00	8.84E-05
1268	ALL	462861.5	3773116	NonCancer	0.00E+00	1.95E-08	0.00E+00	1.38E-09	1.38E-09	6.51E-07	9.01E-05	0.00E+00	6.01E-08	0.00E+00	1.38E-09	2.23E-06	0.00E+00	0.00E+00	9.01E-05
1269	ALL	462876.5	3773096	NonCancer	0.00E+00	2.06E-08	0.00E+00	1.46E-09	1.46E-09	6.88E-07	9.61E-05	0.00E+00	6.35E-08	0.00E+00	1.46E-09	2.35E-06	0.00E+00	0.00E+00	9.61E-05
1270	ALL	462893	3773089	NonCancer	0.00E+00	2.30E-08	0.00E+00	1.62E-09	1.62E-09	7.67E-07	1.09E-04	0.00E+00	7.08E-08	0.00E+00	1.62E-09	2.62E-06	0.00E+00	0.00E+00	1.09E-04
1271	ALL	462848.1	3773159	NonCancer	0.00E+00	1.90E-08	0.00E+00	1.34E-09	1.34E-09	6.34E-07	8.64E-05	0.00E+00	5.85E-08	0.00E+00	1.34E-09	2.17E-06	0.00E+00	0.00E+00	8.64E-05
1272	ALL	462848.2	3773169	NonCancer	0.00E+00	1.92E-08	0.00E+00	1.36E-09	1.36E-09	6.41E-07	8.71E-05	0.00E+00	5.91E-08	0.00E+00	1.36E-09	2.19E-06	0.00E+00	0.00E+00	8.71E-05
1273	ALL	462848.3	3773179	NonCancer	0.00E+00	1.93E-08	0.00E+00	1.37E-09	1.37E-09	6.45E-07	8.73E-05	0.00E+00	5.95E-08	0.00E+00	1.37E-09	2.21E-06	0.00E+00	0.00E+00	8.73E-05
1274	ALL	462848.4	3773189	NonCancer	0.00E+00	1.94E-08	0.00E+00	1.37E-09	1.37E-09	6.46E-07	8.70E-05	0.00E+00	5.96E-08	0.00E+00	1.37E-09	2.21E-06	0.00E+00	0.00E+00	8.70E-05
1275	ALL	462848.5	3773199	NonCancer	0.00E+00	1.93E-08	0.00E+00	1.37E-09	1.37E-09	6.44E-07	8.62E-05	0.00E+00	5.95E-08	0.00E+00	1.37E-09	2.21E-06	0.00E+00	0.00E+00	8.62E-05
1276	ALL	462848.6	3773209	NonCancer	0.00E+00	1.92E-08	0.00E+00	1.36E-09	1.36E-09	6.40E-07	8.51E-05	0.00E+00	5.91E-08	0.00E+00	1.36E-09	2.19E-06	0.00E+00	0.00E+00	8.51E-05
1277	ALL	462848.6	3773219	NonCancer	0.00E+00	1.90E-08	0.00E+00	1.35E-09	1.35E-09	6.35E-07	8.37E-05	0.00E+00	5.86E-08	0.00E+00	1.35E-09	2.17E-06	0.00E+00	0.00E+00	8.37E-05
1278	ALL	462848.7	3773229	NonCancer	0.00E+00	1.88E-08	0.00E+00	1.33E-09	1.33E-09	6.27E-07	8.20E-05	0.00E+00	5.79E-08	0.00E+00	1.33E-09	2.15E-06	0.00E+00	0.00E+00	8.20E-05
1279	ALL	462848.8	3773239	NonCancer	0.00E+00	1.85E-08	0.00E+00	1.31E-09	1.31E-09	6.18E-07	8.00E-05	0.00E+00	5.70E-08	0.00E+00	1.31E-09	2.11E-06	0.00E+00	0.00E+00	8.00E-05
1280	ALL	462841.3	3773141	NonCancer	0.00E+00	1.75E-08	0.00E+00	1.24E-09	1.24E-09	5.84E-07	7.91E-05	0.00E+00	5.39E-08	0.00E+00	1.24E-09	2.00E-06	0.00E+00	0.00E+00	7.91E-05
1281	ALL	462847.9	3773125	NonCancer	0.00E+00	1.79E-08	0.00E+00	1.26E-09	1.26E-09	5.96E-07	8.13E-05	0.00E+00	5.50E-08	0.00E+00	1.26E-09	2.04E-06	0.00E+00	0.00E+00	8.13E-05
1282	ALL	462854.5	3773109	NonCancer	0.00E+00	1.80E-08	0.00E+00	1.27E-09	1.27E-09	6.01E-07	8.23E-05	0.00E+00	5.55E-08	0.00E+00	1.27E-09	2.06E-06	0.00E+00	0.00E+00	8.23E-05
1283	ALL	462869.2	3773089	NonCancer	0.00E+00	1.89E-08	0.00E+00	1.34E-09	1.34E-09	6.31E-07	8.70E-05	0.00E+00	5.82E-08	0.00E+00	1.34E-09	2.16E-06	0.00E+00	0.00E+00	8.70E-05
1284	ALL	462885.4	3773082	NonCancer	0.00E+00	2.08E-08	0.00E+00	1.47E-09	1.47E-09	6.95E-07	9.71E-05	0.00E+00	6.42E-08	0.00E+00	1.47E-09	2.38E-06	0.00E+00	0.00E+00	9.71E-05
1285	ALL	462901.6	3773076	NonCancer	0.00E+00	2.28E-08	0.00E+00	1.61E-09	1.61E-09	7.62E-07	1.07E-04	0.00E+00	7.03E-08	0.00E+00	1.61E-09	2.61E-06	0.00E+00	0.00E+00	1.07E-04
1286	ALL	462838.1	3773160	NonCancer	0.00E+00	1.75E-08	0.00E+00	1.24E-09	1.24E-09	5.83E-07	7.86E-05	0.00E+00	5.38E-08	0.00E+00	1.24E-09	2.00E-06	0.00E+00	0.00E+00	7.86E-05
1287	ALL	462838.2	3773169	NonCancer	0.00E+00	1.77E-08	0.00E+00	1.25E-09	1.25E-09	5.89E-07	7.91E-05	0.00E+00	5.44E-08	0.00E+00	1.25E-09	2.02E-06	0.00E+00	0.00E+00	7.91E-05
1288	ALL	462838.3	3773179	NonCancer	0.00E+00	1.78E-08	0.00E+00	1.26E-09	1.26E-09	5.92E-07	7.93E-05	0.00E+00	5.47E-08	0.00E+00	1.26E-09	2.03E-06	0.00E+00	0.00E+00	7.93E-05
1289	ALL	462838.4	3773189	NonCancer	0.00E+00	1.78E-08	0.00E+00	1.26E-09	1.26E-09	5.93E-07	7.91E-05	0.00E+00	5.48E-08	0.00E+00	1.26E-09	2.03E-06	0.00E+00	0.00E+00	7.91E-05
1290	ALL	462838.5	3773199	NonCancer	0.00E+00	1.78E-08	0.00E+00	1.26E-09	1.26E-09	5.92E-07	7.85E-05	0.00E+00	5.47E-08	0.00E+00	1.26E-09	2.03E-06	0.00E+00	0.00E+00	7.85E-05
1291	ALL	462838.6	3773209	NonCancer	0.00E+00	1.77E-08	0.00E+00	1.25E-09	1.25E-09	5.90E-07	7.76E-05	0.00E+00	5.44E-08	0.00E+00	1.25E-09	2.02E-06	0.00E+00	0.00E+00	7.76E-05
1292	ALL	462838.6	3773219	NonCancer	0.00E+00	1.75E-08	0.00E+00	1.24E-09	1.24E-09	5.85E-07	7.65E-05	0.00E+00	5.40E-08	0.00E+00	1.24E-09	2.00E-06	0.00E+00	0.00E+00	7.65E-05
1293	ALL	462838.7	3773229	NonCancer	0.00E+00	1.74E-08	0.00E+00	1.23E-09	1.23E-09	5.79E-07	7.51E-05	0.00E+00	5.35E-08	0.00E+00	1.23E-09	1.98E-06	0.00E+00	0.00E+00	7.51E-05
1294	ALL	462838.8	3773239	NonCancer	0.00E+00	1.71E-08	0.00E+00	1.21E-09	1.21E-09	5.71E-07	7.35E-05	0.00E+00	5.27E-08	0.00E+00	1.21E-09	1.95E-06	0.00E+00	0.00E+00	7.35E-05

1295	ALL	462831.7	3773141	NonCancer	0.00E+00	1.62E-08	0.00E+00	1.15E-09	1.15E-09	5.41E-07	7.25E-05	0.00E+00	4.99E-08	0.00E+00	1.15E-09	1.85E-06	0.00E+00	0.00E+00	7.25E-05
1296	ALL	462835.4	3773131	NonCancer	0.00E+00	1.64E-08	0.00E+00	1.16E-09	1.16E-09	5.48E-07	7.37E-05	0.00E+00	5.06E-08	0.00E+00	1.16E-09	1.87E-06	0.00E+00	0.00E+00	7.37E-05
1297	ALL	462839.2	3773122	NonCancer	0.00E+00	1.66E-08	0.00E+00	1.17E-09	1.17E-09	5.53E-07	7.46E-05	0.00E+00	5.10E-08	0.00E+00	1.17E-09	1.89E-06	0.00E+00	0.00E+00	7.46E-05
1298	ALL	462842.9	3773113	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.56E-07	7.52E-05	0.00E+00	5.14E-08	0.00E+00	1.18E-09	1.90E-06	0.00E+00	0.00E+00	7.52E-05
1299	ALL	462846.6	3773104	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.58E-07	7.56E-05	0.00E+00	5.15E-08	0.00E+00	1.18E-09	1.91E-06	0.00E+00	0.00E+00	7.56E-05
1300	ALL	462850.3	3773095	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.58E-07	7.56E-05	0.00E+00	5.15E-08	0.00E+00	1.18E-09	1.91E-06	0.00E+00	0.00E+00	7.56E-05
1301	ALL	462863.1	3773082	NonCancer	0.00E+00	1.75E-08	0.00E+00	1.24E-09	1.24E-09	5.85E-07	7.99E-05	0.00E+00	5.40E-08	0.00E+00	1.24E-09	2.00E-06	0.00E+00	0.00E+00	7.99E-05
1302	ALL	462872.2	3773078	NonCancer	0.00E+00	1.85E-08	0.00E+00	1.30E-09	1.30E-09	6.16E-07	8.46E-05	0.00E+00	5.68E-08	0.00E+00	1.30E-09	2.11E-06	0.00E+00	0.00E+00	8.46E-05
1303	ALL	462881.4	3773074	NonCancer	0.00E+00	1.94E-08	0.00E+00	1.37E-09	1.37E-09	6.47E-07	8.94E-05	0.00E+00	5.97E-08	0.00E+00	1.37E-09	2.21E-06	0.00E+00	0.00E+00	8.94E-05
1304	ALL	462890.5	3773070	NonCancer	0.00E+00	2.03E-08	0.00E+00	1.44E-09	1.44E-09	6.78E-07	9.43E-05	0.00E+00	6.26E-08	0.00E+00	1.44E-09	2.32E-06	0.00E+00	0.00E+00	9.43E-05
1305	ALL	462899.6	3773066	NonCancer	0.00E+00	2.13E-08	0.00E+00	1.50E-09	1.50E-09	7.09E-07	9.89E-05	0.00E+00	6.55E-08	0.00E+00	1.50E-09	2.43E-06	0.00E+00	0.00E+00	9.89E-05
1306	ALL	462908.7	3773063	NonCancer	0.00E+00	2.21E-08	0.00E+00	1.56E-09	1.56E-09	7.38E-07	1.03E-04	0.00E+00	6.81E-08	0.00E+00	1.56E-09	2.53E-06	0.00E+00	0.00E+00	1.03E-04
1307	ALL	462828	3773150	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.33E-07	7.11E-05	0.00E+00	4.92E-08	0.00E+00	1.13E-09	1.82E-06	0.00E+00	0.00E+00	7.11E-05
1308	ALL	462828.1	3773160	NonCancer	0.00E+00	1.62E-08	0.00E+00	1.14E-09	1.14E-09	5.39E-07	7.18E-05	0.00E+00	4.98E-08	0.00E+00	1.14E-09	1.85E-06	0.00E+00	0.00E+00	7.18E-05
1309	ALL	462828.2	3773170	NonCancer	0.00E+00	1.63E-08	0.00E+00	1.15E-09	1.15E-09	5.44E-07	7.23E-05	0.00E+00	5.02E-08	0.00E+00	1.15E-09	1.86E-06	0.00E+00	0.00E+00	7.23E-05
1310	ALL	462828.3	3773180	NonCancer	0.00E+00	1.64E-08	0.00E+00	1.16E-09	1.16E-09	5.47E-07	7.25E-05	0.00E+00	5.05E-08	0.00E+00	1.16E-09	1.87E-06	0.00E+00	0.00E+00	7.25E-05
1311	ALL	462828.4	3773189	NonCancer	0.00E+00	1.64E-08	0.00E+00	1.16E-09	1.16E-09	5.48E-07	7.23E-05	0.00E+00	5.06E-08	0.00E+00	1.16E-09	1.88E-06	0.00E+00	0.00E+00	7.23E-05
1312	ALL	462828.5	3773199	NonCancer	0.00E+00	1.64E-08	0.00E+00	1.16E-09	1.16E-09	5.48E-07	7.18E-05	0.00E+00	5.06E-08	0.00E+00	1.16E-09	1.87E-06	0.00E+00	0.00E+00	7.18E-05
1313	ALL	462828.6	3773209	NonCancer	0.00E+00	1.64E-08	0.00E+00	1.16E-09	1.16E-09	5.45E-07	7.11E-05	0.00E+00	5.03E-08	0.00E+00	1.16E-09	1.87E-06	0.00E+00	0.00E+00	7.11E-05
1314	ALL	462828.6	3773219	NonCancer	0.00E+00	1.63E-08	0.00E+00	1.15E-09	1.15E-09	5.42E-07	7.02E-05	0.00E+00	5.00E-08	0.00E+00	1.15E-09	1.85E-06	0.00E+00	0.00E+00	7.02E-05
1315	ALL	462828.7	3773229	NonCancer	0.00E+00	1.61E-08	0.00E+00	1.14E-09	1.14E-09	5.37E-07	6.91E-05	0.00E+00	4.96E-08	0.00E+00	1.14E-09	1.84E-06	0.00E+00	0.00E+00	6.91E-05
1316	ALL	462828.8	3773239	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.12E-09	1.12E-09	5.30E-07	6.78E-05	0.00E+00	4.90E-08	0.00E+00	1.12E-09	1.82E-06	0.00E+00	0.00E+00	6.78E-05
1317	ALL	462821.6	3773141	NonCancer	0.00E+00	1.51E-08	0.00E+00	1.07E-09	1.07E-09	5.03E-07	6.66E-05	0.00E+00	4.64E-08	0.00E+00	1.07E-09	1.72E-06	0.00E+00	0.00E+00	6.66E-05
1318	ALL	462825.2	3773132	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.09E-07	6.77E-05	0.00E+00	4.70E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	6.77E-05
1319	ALL	462828.8	3773123	NonCancer	0.00E+00	1.54E-08	0.00E+00	1.09E-09	1.09E-09	5.13E-07	6.85E-05	0.00E+00	4.74E-08	0.00E+00	1.09E-09	1.76E-06	0.00E+00	0.00E+00	6.85E-05
1320	ALL	462832.5	3773114	NonCancer	0.00E+00	1.55E-08	0.00E+00	1.10E-09	1.10E-09	5.17E-07	6.91E-05	0.00E+00	4.77E-08	0.00E+00	1.10E-09	1.77E-06	0.00E+00	0.00E+00	6.91E-05
1321	ALL	462836.1	3773105	NonCancer	0.00E+00	1.56E-08	0.00E+00	1.10E-09	1.10E-09	5.19E-07	6.96E-05	0.00E+00	4.79E-08	0.00E+00	1.10E-09	1.78E-06	0.00E+00	0.00E+00	6.96E-05
1322	ALL	462839.7	3773096	NonCancer	0.00E+00	1.56E-08	0.00E+00	1.10E-09	1.10E-09	5.20E-07	6.97E-05	0.00E+00	4.80E-08	0.00E+00	1.10E-09	1.78E-06	0.00E+00	0.00E+00	6.97E-05
1323	ALL	462843.3	3773087	NonCancer	0.00E+00	1.56E-08	0.00E+00	1.10E-09	1.10E-09	5.19E-07	6.97E-05	0.00E+00	4.79E-08	0.00E+00	1.10E-09	1.78E-06	0.00E+00	0.00E+00	6.97E-05
1324	ALL	462855.8	3773075	NonCancer	0.00E+00	1.62E-08	0.00E+00	1.15E-09	1.15E-09	5.42E-07	7.31E-05	0.00E+00	5.00E-08	0.00E+00	1.15E-09	1.85E-06	0.00E+00	0.00E+00	7.31E-05
1325	ALL	462864.6	3773071	NonCancer	0.00E+00	1.70E-08	0.00E+00	1.20E-09	1.20E-09	5.67E-07	7.70E-05	0.00E+00	5.24E-08	0.00E+00	1.20E-09	1.94E-06	0.00E+00	0.00E+00	7.70E-05
1326	ALL	462873.5	3773067	NonCancer	0.00E+00	1.78E-08	0.00E+00	1.26E-09	1.26E-09	5.93E-07	8.10E-05	0.00E+00	5.48E-08	0.00E+00	1.26E-09	2.03E-06	0.00E+00	0.00E+00	8.10E-05
1327	ALL	462882.3	3773064	NonCancer	0.00E+00	1.86E-08	0.00E+00	1.31E-09	1.31E-09	6.19E-07	8.49E-05	0.00E+00	5.72E-08	0.00E+00	1.31E-09	2.12E-06	0.00E+00	0.00E+00	8.49E-05
1328	ALL	462891.2	3773060	NonCancer	0.00E+00	1.93E-08	0.00E+00	1.37E-09	1.37E-09	6.45E-07	8.87E-05	0.00E+00	5.95E-08	0.00E+00	1.37E-09	2.21E-06	0.00E+00	0.00E+00	8.87E-05
1329	ALL	462900.1	3773056	NonCancer	0.00E+00	2.01E-08	0.00E+00	1.42E-09	1.42E-09	6.69E-07	9.23E-05	0.00E+00	6.18E-08	0.00E+00	1.42E-09	2.29E-06	0.00E+00	0.00E+00	9.23E-05
1330	ALL	462908.9	3773053	NonCancer	0.00E+00	2.07E-08	0.00E+00	1.46E-09	1.46E-09	6.91E-07	9.56E-05	0.00E+00	6.38E-08	0.00E+00	1.46E-09	2.37E-06	0.00E+00	0.00E+00	9.56E-05
1331	ALL	462818	3773150	NonCancer	0.00E+00	1.49E-08	0.00E+00	1.05E-09	1.05E-09	4.95E-07	6.54E-05	0.00E+00	4.57E-08	0.00E+00	1.05E-09	1.70E-06	0.00E+00	0.00E+00	6.54E-05
1332	ALL	462818.1	3773160	NonCancer	0.00E+00	1.50E-08	0.00E+00	1.06E-09	1.06E-09	5.01E-07	6.60E-05	0.00E+00	4.63E-08	0.00E+00	1.06E-09	1.71E-06	0.00E+00	0.00E+00	6.60E-05
1333	ALL	462818.2	3773170	NonCancer	0.00E+00	1.51E-08	0.00E+00	1.07E-09	1.07E-09	5.05E-07	6.64E-05	0.00E+00	4.66E-08	0.00E+00	1.07E-09	1.73E-06	0.00E+00	0.00E+00	6.64E-05
1334	ALL	462818.3	3773180	NonCancer	0.00E+00	1.52E-08	0.00E+00	1.08E-09	1.08E-09	5.08E-07	6.66E-05	0.00E+00	4.69E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	6.66E-05
1335	ALL	462818.4	3773190	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.09E-07	6.65E-05	0.00E+00	4.70E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	6.65E-05
1336	ALL	462818.5	3773200	NonCancer	0.00E+00	1.52E-08	0.00E+00	1.08E-09	1.08E-09	5.08E-07	6.61E-05	0.00E+00	4.69E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	6.61E-05
1337	ALL	462818.6	3773209	NonCancer	0.00E+00	1.52E-08	0.00E+00	1.07E-09	1.07E-09	5.07E-07	6.55E-05	0.00E+00	4.68E-08	0.00E+00	1.07E-09	1.73E-06	0.00E+00	0.00E+00	6.55E-05
1338	ALL	462818.6	3773219	NonCancer	0.00E+00	1.51E-08	0.00E+00	1.07E-09	1.07E-09	5.04E-07	6.48E-05	0.00E+00	4.65E-08	0.00E+00	1.07E-09	1.73E-06	0.00E+00	0.00E+00	6.48E-05
1339	ALL	462818.7	3773229	NonCancer	0.00E+00	1.50E-08	0.00E+00	1.06E-09	1.06E-09	5.00E-07	6.39E-05	0.00E+00	4.62E-08	0.00E+00	1.06E-09	1.71E-06	0.00E+00	0.00E+00	6.39E-05
1340	ALL	462818.8	3773239	NonCancer	0.00E+00	1.48E-08	0.00E+00	1.05E-09	1.05E-09	4.95E-07	6.27E-05	0.00E+00	4.57E-08	0.00E+00	1.05E-09	1.69E-06	0.00E+00	0.00E+00	6.27E-05
1341	ALL	462801.5	3773141	NonCancer	0.00E+00	1.32E-08	0.00E+00	9.30E-10	9.30E-10	4.39E-07	5.71E-05	0.00E+00	4.05E-08	0.00E+00	9.30E-10	1.50E-06	0.00E+00	0.00E+00	5.71E-05
1342	ALL	462804.9	3773133	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.41E-10	9.41E-10	4.44E-07	5.79E-05	0.00E+00	4.10E-08	0.00E+00	9.41E-10	1.52E-06	0.00E+00	0.00E+00	5.79E-05
1343	ALL	462808.4	3773124	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.50E-10	9.50E-10	4.48E-07	5.86E-05	0.00E+00	4.14E-08	0.00E+00	9.50E-10	1.53E-06	0.00E+00	0.00E+00	5.86E-05
1344	ALL	462811.9	3773116	NonCancer	0.00E+00	1.35E-08	0.00E+00	9.57E-10	9.57E-10	4.52E-07	5.92E-05	0.00E+00	4.17E-08	0.00E+00	9.57E-10	1.55E-06	0.00E+00	0.00E+00	5.92E-05
1345	ALL	462815.3	3773107	NonCancer	0.00E+00	1.36E-08	0.00E+00	9.62E-10	9.62E-10	4.54E-07	5.96E-05	0.00E+00	4.19E-08	0.00E+00	9.62E-10	1.55E-06	0.00E+00	0.00E+00	5.96E-05
1346	ALL	462818.8	3773099	NonCancer	0.00E+00	1.37E-08	0.00E+00	9.66E-10	9.66E-10	4.56E-07	5.99E-05	0.00E+00	4.21E-08	0.00E+00	9.66E-10	1.56E-06	0.00E+00	0.00E+00	5.99E-05
1347	ALL	462822.3	3773090	NonCancer	0.00E+00	1.37E-08	0.00E+00	9.67E-10	9.67E-10	4.56E-07	6.01E-05	0.00E+00	4.21E-08	0.00E+00	9.67E-10	1.56E-06	0.00E+00	0.00E+00	6.01E-05
1348	ALL	462825.7	3773082	NonCancer	0.00E+00	1.37E-08	0.00E+00	9.67E-10	9.67E-10	4.56E-07	6.01E-05	0.00E+00	4.21E-08	0.00E+00	9.67E-10	1.56E-06	0.00E+00	0.00E+00	6.01E-05

1349	ALL	462829.2	3773073	NonCancer	0.00E+00	1.36E-08	0.00E+00	9.64E-10	9.64E-10	4.55E-07	5.99E-05	0.00E+00	4.20E-08	0.00E+00	9.64E-10	1.56E-06	0.00E+00	0.00E+00	5.99E-05
1350	ALL	462841.2	3773061	NonCancer	0.00E+00	1.41E-08	0.00E+00	9.98E-10	9.98E-10	4.71E-07	6.23E-05	0.00E+00	4.35E-08	0.00E+00	9.98E-10	1.61E-06	0.00E+00	0.00E+00	6.23E-05
1351	ALL	462849.7	3773057	NonCancer	0.00E+00	1.47E-08	0.00E+00	1.04E-09	1.04E-09	4.90E-07	6.51E-05	0.00E+00	4.52E-08	0.00E+00	1.04E-09	1.68E-06	0.00E+00	0.00E+00	6.51E-05
1352	ALL	462858.2	3773054	NonCancer	0.00E+00	1.52E-08	0.00E+00	1.08E-09	1.08E-09	5.08E-07	6.79E-05	0.00E+00	4.69E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	6.79E-05
1353	ALL	462866.7	3773050	NonCancer	0.00E+00	1.58E-08	0.00E+00	1.12E-09	1.12E-09	5.27E-07	7.06E-05	0.00E+00	4.87E-08	0.00E+00	1.12E-09	1.80E-06	0.00E+00	0.00E+00	7.06E-05
1354	ALL	462875.2	3773047	NonCancer	0.00E+00	1.64E-08	0.00E+00	1.16E-09	1.16E-09	5.46E-07	7.33E-05	0.00E+00	5.04E-08	0.00E+00	1.16E-09	1.87E-06	0.00E+00	0.00E+00	7.33E-05
1355	ALL	462883.7	3773043	NonCancer	0.00E+00	1.69E-08	0.00E+00	1.19E-09	1.19E-09	5.63E-07	7.59E-05	0.00E+00	5.20E-08	0.00E+00	1.19E-09	1.93E-06	0.00E+00	0.00E+00	7.59E-05
1356	ALL	462892.2	3773040	NonCancer	0.00E+00	1.74E-08	0.00E+00	1.23E-09	1.23E-09	5.80E-07	7.84E-05	0.00E+00	5.36E-08	0.00E+00	1.23E-09	1.99E-06	0.00E+00	0.00E+00	7.84E-05
1357	ALL	462900.7	3773036	NonCancer	0.00E+00	1.79E-08	0.00E+00	1.26E-09	1.26E-09	5.95E-07	8.05E-05	0.00E+00	5.50E-08	0.00E+00	1.26E-09	2.04E-06	0.00E+00	0.00E+00	8.05E-05
1358	ALL	462909.2	3773032	NonCancer	0.00E+00	1.83E-08	0.00E+00	1.29E-09	1.29E-09	6.09E-07	8.23E-05	0.00E+00	5.62E-08	0.00E+00	1.29E-09	2.08E-06	0.00E+00	0.00E+00	8.23E-05
1359	ALL	462798	3773150	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.19E-10	9.19E-10	4.34E-07	5.61E-05	0.00E+00	4.00E-08	0.00E+00	9.19E-10	1.48E-06	0.00E+00	0.00E+00	5.61E-05
1360	ALL	462798.1	3773160	NonCancer	0.00E+00	1.31E-08	0.00E+00	9.27E-10	9.27E-10	4.38E-07	5.66E-05	0.00E+00	4.04E-08	0.00E+00	9.27E-10	1.50E-06	0.00E+00	0.00E+00	5.66E-05
1361	ALL	462798.2	3773170	NonCancer	0.00E+00	1.32E-08	0.00E+00	9.34E-10	9.34E-10	4.41E-07	5.69E-05	0.00E+00	4.07E-08	0.00E+00	9.34E-10	1.51E-06	0.00E+00	0.00E+00	5.69E-05
1362	ALL	462798.3	3773180	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.39E-10	9.39E-10	4.43E-07	5.70E-05	0.00E+00	4.09E-08	0.00E+00	9.39E-10	1.52E-06	0.00E+00	0.00E+00	5.70E-05
1363	ALL	462798.4	3773190	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.41E-10	9.41E-10	4.44E-07	5.69E-05	0.00E+00	4.10E-08	0.00E+00	9.41E-10	1.52E-06	0.00E+00	0.00E+00	5.69E-05
1364	ALL	462798.5	3773200	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.40E-10	9.40E-10	4.44E-07	5.67E-05	0.00E+00	4.10E-08	0.00E+00	9.40E-10	1.52E-06	0.00E+00	0.00E+00	5.67E-05
1365	ALL	462798.6	3773210	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.38E-10	9.38E-10	4.43E-07	5.63E-05	0.00E+00	4.09E-08	0.00E+00	9.38E-10	1.52E-06	0.00E+00	0.00E+00	5.63E-05
1366	ALL	462798.6	3773220	NonCancer	0.00E+00	1.32E-08	0.00E+00	9.34E-10	9.34E-10	4.41E-07	5.58E-05	0.00E+00	4.07E-08	0.00E+00	9.34E-10	1.51E-06	0.00E+00	0.00E+00	5.58E-05
1367	ALL	462798.7	3773230	NonCancer	0.00E+00	1.31E-08	0.00E+00	9.28E-10	9.28E-10	4.38E-07	5.52E-05	0.00E+00	4.04E-08	0.00E+00	9.28E-10	1.50E-06	0.00E+00	0.00E+00	5.52E-05
1368	ALL	462798.8	3773240	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.20E-10	9.20E-10	4.34E-07	5.44E-05	0.00E+00	4.01E-08	0.00E+00	9.20E-10	1.49E-06	0.00E+00	0.00E+00	5.44E-05
1369	ALL	462781.7	3773141	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.25E-10	8.25E-10	3.89E-07	4.97E-05	0.00E+00	3.59E-08	0.00E+00	8.25E-10	1.33E-06	0.00E+00	0.00E+00	4.97E-05
1370	ALL	462785.4	3773132	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.34E-10	8.34E-10	3.93E-07	5.04E-05	0.00E+00	3.63E-08	0.00E+00	8.34E-10	1.35E-06	0.00E+00	0.00E+00	5.04E-05
1371	ALL	462789	3773123	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.42E-10	8.42E-10	3.97E-07	5.11E-05	0.00E+00	3.67E-08	0.00E+00	8.42E-10	1.36E-06	0.00E+00	0.00E+00	5.11E-05
1372	ALL	462792.7	3773114	NonCancer	0.00E+00	1.20E-08	0.00E+00	8.48E-10	8.48E-10	4.00E-07	5.16E-05	0.00E+00	3.70E-08	0.00E+00	8.48E-10	1.37E-06	0.00E+00	0.00E+00	5.16E-05
1373	ALL	462796.4	3773105	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.54E-10	8.54E-10	4.03E-07	5.20E-05	0.00E+00	3.72E-08	0.00E+00	8.54E-10	1.38E-06	0.00E+00	0.00E+00	5.20E-05
1374	ALL	462800.1	3773096	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.57E-10	8.57E-10	4.05E-07	5.23E-05	0.00E+00	3.74E-08	0.00E+00	8.57E-10	1.38E-06	0.00E+00	0.00E+00	5.23E-05
1375	ALL	462803.7	3773087	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.59E-10	8.59E-10	4.06E-07	5.25E-05	0.00E+00	3.74E-08	0.00E+00	8.59E-10	1.39E-06	0.00E+00	0.00E+00	5.25E-05
1376	ALL	462807.4	3773078	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.60E-10	8.60E-10	4.06E-07	5.25E-05	0.00E+00	3.75E-08	0.00E+00	8.60E-10	1.39E-06	0.00E+00	0.00E+00	5.25E-05
1377	ALL	462811.1	3773069	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.59E-10	8.59E-10	4.05E-07	5.25E-05	0.00E+00	3.74E-08	0.00E+00	8.59E-10	1.39E-06	0.00E+00	0.00E+00	5.25E-05
1378	ALL	462814.8	3773059	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.56E-10	8.56E-10	4.04E-07	5.23E-05	0.00E+00	3.73E-08	0.00E+00	8.56E-10	1.38E-06	0.00E+00	0.00E+00	5.23E-05
1379	ALL	462827.5	3773047	NonCancer	0.00E+00	1.25E-08	0.00E+00	8.84E-10	8.84E-10	4.17E-07	5.42E-05	0.00E+00	3.85E-08	0.00E+00	8.84E-10	1.43E-06	0.00E+00	0.00E+00	5.42E-05
1380	ALL	462836.5	3773043	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.17E-10	9.17E-10	4.33E-07	5.64E-05	0.00E+00	3.99E-08	0.00E+00	9.17E-10	1.48E-06	0.00E+00	0.00E+00	5.64E-05
1381	ALL	462845.5	3773039	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.50E-10	9.50E-10	4.48E-07	5.87E-05	0.00E+00	4.14E-08	0.00E+00	9.50E-10	1.53E-06	0.00E+00	0.00E+00	5.87E-05
1382	ALL	462854.5	3773035	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.82E-10	9.82E-10	4.64E-07	6.09E-05	0.00E+00	4.28E-08	0.00E+00	9.82E-10	1.59E-06	0.00E+00	0.00E+00	6.09E-05
1383	ALL	462863.6	3773032	NonCancer	0.00E+00	1.44E-08	0.00E+00	1.01E-09	1.01E-09	4.79E-07	6.31E-05	0.00E+00	4.42E-08	0.00E+00	1.01E-09	1.64E-06	0.00E+00	0.00E+00	6.31E-05
1384	ALL	462872.6	3773028	NonCancer	0.00E+00	1.48E-08	0.00E+00	1.05E-09	1.05E-09	4.93E-07	6.52E-05	0.00E+00	4.55E-08	0.00E+00	1.05E-09	1.69E-06	0.00E+00	0.00E+00	6.52E-05
1385	ALL	462881.6	3773024	NonCancer	0.00E+00	1.52E-08	0.00E+00	1.07E-09	1.07E-09	5.07E-07	6.71E-05	0.00E+00	4.68E-08	0.00E+00	1.07E-09	1.74E-06	0.00E+00	0.00E+00	6.71E-05
1386	ALL	462890.6	3773020	NonCancer	0.00E+00	1.56E-08	0.00E+00	1.10E-09	1.10E-09	5.19E-07	6.88E-05	0.00E+00	4.80E-08	0.00E+00	1.10E-09	1.78E-06	0.00E+00	0.00E+00	6.88E-05
1387	ALL	462899.7	3773016	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.12E-09	1.12E-09	5.30E-07	7.03E-05	0.00E+00	4.90E-08	0.00E+00	1.12E-09	1.82E-06	0.00E+00	0.00E+00	7.03E-05
1388	ALL	462908.7	3773013	NonCancer	0.00E+00	1.62E-08	0.00E+00	1.14E-09	1.14E-09	5.39E-07	7.14E-05	0.00E+00	4.98E-08	0.00E+00	1.14E-09	1.85E-06	0.00E+00	0.00E+00	7.14E-05
1389	ALL	462778	3773150	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.14E-10	8.14E-10	3.84E-07	4.89E-05	0.00E+00	3.55E-08	0.00E+00	8.14E-10	1.32E-06	0.00E+00	0.00E+00	4.89E-05
1390	ALL	462778.1	3773160	NonCancer	0.00E+00	1.16E-08	0.00E+00	8.21E-10	8.21E-10	3.87E-07	4.92E-05	0.00E+00	3.58E-08	0.00E+00	8.21E-10	1.33E-06	0.00E+00	0.00E+00	4.92E-05
1391	ALL	462778.2	3773170	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.26E-10	8.26E-10	3.90E-07	4.95E-05	0.00E+00	3.60E-08	0.00E+00	8.26E-10	1.33E-06	0.00E+00	0.00E+00	4.95E-05
1392	ALL	462778.3	3773180	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.30E-10	8.30E-10	3.92E-07	4.96E-05	0.00E+00	3.62E-08	0.00E+00	8.30E-10	1.34E-06	0.00E+00	0.00E+00	4.96E-05
1393	ALL	462778.4	3773190	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.32E-10	8.32E-10	3.92E-07	4.95E-05	0.00E+00	3.62E-08	0.00E+00	8.32E-10	1.34E-06	0.00E+00	0.00E+00	4.95E-05
1394	ALL	462778.5	3773200	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.32E-10	8.32E-10	3.92E-07	4.94E-05	0.00E+00	3.62E-08	0.00E+00	8.32E-10	1.34E-06	0.00E+00	0.00E+00	4.94E-05
1395	ALL	462778.6	3773210	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.30E-10	8.30E-10	3.92E-07	4.91E-05	0.00E+00	3.62E-08	0.00E+00	8.30E-10	1.34E-06	0.00E+00	0.00E+00	4.91E-05
1396	ALL	462778.6	3773220	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.28E-10	8.28E-10	3.91E-07	4.87E-05	0.00E+00	3.61E-08	0.00E+00	8.28E-10	1.34E-06	0.00E+00	0.00E+00	4.87E-05
1397	ALL	462778.7	3773230	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.24E-10	8.24E-10	3.89E-07	4.83E-05	0.00E+00	3.59E-08	0.00E+00	8.24E-10	1.33E-06	0.00E+00	0.00E+00	4.83E-05
1398	ALL	462778.8	3773240	NonCancer	0.00E+00	1.16E-08	0.00E+00	8.18E-10	8.18E-10	3.86E-07	4.77E-05	0.00E+00	3.56E-08	0.00E+00	8.18E-10	1.32E-06	0.00E+00	0.00E+00	4.77E-05
1399	ALL	462761.6	3773142	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.38E-10	7.38E-10	3.48E-07	4.38E-05	0.00E+00	3.22E-08	0.00E+00	7.38E-10	1.19E-06	0.00E+00	0.00E+00	4.38E-05
1400	ALL	462765.1	3773133	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.46E-10	7.46E-10	3.52E-07	4.44E-05	0.00E+00	3.25E-08	0.00E+00	7.46E-10	1.20E-06	0.00E+00	0.00E+00	4.44E-05
1401	ALL	462768.7	3773124	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.52E-10	7.52E-10	3.55E-07	4.49E-05	0.00E+00	3.28E-08	0.00E+00	7.52E-10	1.22E-06	0.00E+00	0.00E+00	4.49E-05
1402	ALL	462772.2	3773115	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.58E-10	7.58E-10	3.58E-07	4.54E-05	0.00E+00	3.30E-08	0.00E+00	7.58E-10	1.23E-06	0.00E+00	0.00E+00	4.54E-05

1403	ALL	462775.8	3773106	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.63E-10	7.63E-10	3.60E-07	4.58E-05	0.00E+00	3.33E-08	0.00E+00	7.63E-10	1.23E-06	0.00E+00	0.00E+00	4.58E-05
1404	ALL	462779.3	3773098	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.67E-10	7.67E-10	3.62E-07	4.61E-05	0.00E+00	3.34E-08	0.00E+00	7.67E-10	1.24E-06	0.00E+00	0.00E+00	4.61E-05
1405	ALL	462782.9	3773089	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.70E-10	7.70E-10	3.64E-07	4.63E-05	0.00E+00	3.36E-08	0.00E+00	7.70E-10	1.24E-06	0.00E+00	0.00E+00	4.63E-05
1406	ALL	462786.5	3773080	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.72E-10	7.72E-10	3.64E-07	4.64E-05	0.00E+00	3.36E-08	0.00E+00	7.72E-10	1.25E-06	0.00E+00	0.00E+00	4.64E-05
1407	ALL	462790	3773071	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.73E-10	7.73E-10	3.65E-07	4.65E-05	0.00E+00	3.37E-08	0.00E+00	7.73E-10	1.25E-06	0.00E+00	0.00E+00	4.65E-05
1408	ALL	462793.6	3773063	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.72E-10	7.72E-10	3.65E-07	4.65E-05	0.00E+00	3.37E-08	0.00E+00	7.72E-10	1.25E-06	0.00E+00	0.00E+00	4.65E-05
1409	ALL	462797.1	3773054	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.71E-10	7.71E-10	3.64E-07	4.64E-05	0.00E+00	3.36E-08	0.00E+00	7.71E-10	1.25E-06	0.00E+00	0.00E+00	4.64E-05
1410	ALL	462800.7	3773045	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.68E-10	7.68E-10	3.63E-07	4.62E-05	0.00E+00	3.35E-08	0.00E+00	7.68E-10	1.24E-06	0.00E+00	0.00E+00	4.62E-05
1411	ALL	462813	3773033	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.90E-10	7.90E-10	3.73E-07	4.76E-05	0.00E+00	3.44E-08	0.00E+00	7.90E-10	1.28E-06	0.00E+00	0.00E+00	4.76E-05
1412	ALL	462821.7	3773029	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.15E-10	8.15E-10	3.85E-07	4.93E-05	0.00E+00	3.55E-08	0.00E+00	8.15E-10	1.32E-06	0.00E+00	0.00E+00	4.93E-05
1413	ALL	462830.4	3773025	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.40E-10	8.40E-10	3.97E-07	5.10E-05	0.00E+00	3.66E-08	0.00E+00	8.40E-10	1.36E-06	0.00E+00	0.00E+00	5.10E-05
1414	ALL	462839.1	3773022	NonCancer	0.00E+00	1.23E-08	0.00E+00	8.66E-10	8.66E-10	4.09E-07	5.27E-05	0.00E+00	3.77E-08	0.00E+00	8.66E-10	1.40E-06	0.00E+00	0.00E+00	5.27E-05
1415	ALL	462847.9	3773018	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.91E-10	8.91E-10	4.20E-07	5.44E-05	0.00E+00	3.88E-08	0.00E+00	8.91E-10	1.44E-06	0.00E+00	0.00E+00	5.44E-05
1416	ALL	462856.6	3773014	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.15E-10	9.15E-10	4.32E-07	5.60E-05	0.00E+00	3.99E-08	0.00E+00	9.15E-10	1.48E-06	0.00E+00	0.00E+00	5.60E-05
1417	ALL	462865.3	3773011	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.38E-10	9.38E-10	4.43E-07	5.75E-05	0.00E+00	4.09E-08	0.00E+00	9.38E-10	1.52E-06	0.00E+00	0.00E+00	5.75E-05
1418	ALL	462874	3773007	NonCancer	0.00E+00	1.36E-08	0.00E+00	9.60E-10	9.60E-10	4.53E-07	5.89E-05	0.00E+00	4.18E-08	0.00E+00	9.60E-10	1.55E-06	0.00E+00	0.00E+00	5.89E-05
1419	ALL	462882.8	3773003	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.79E-10	9.79E-10	4.62E-07	6.01E-05	0.00E+00	4.27E-08	0.00E+00	9.79E-10	1.58E-06	0.00E+00	0.00E+00	6.01E-05
1420	ALL	462891.5	3773000	NonCancer	0.00E+00	1.41E-08	0.00E+00	9.97E-10	9.97E-10	4.70E-07	6.12E-05	0.00E+00	4.34E-08	0.00E+00	9.97E-10	1.61E-06	0.00E+00	0.00E+00	6.12E-05
1421	ALL	462900.2	3772996	NonCancer	0.00E+00	1.43E-08	0.00E+00	1.01E-09	1.01E-09	4.77E-07	6.20E-05	0.00E+00	4.41E-08	0.00E+00	1.01E-09	1.63E-06	0.00E+00	0.00E+00	6.20E-05
1422	ALL	462908.9	3772992	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.02E-09	1.02E-09	4.82E-07	6.26E-05	0.00E+00	4.45E-08	0.00E+00	1.02E-09	1.65E-06	0.00E+00	0.00E+00	6.26E-05
1423	ALL	462758	3773150	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.30E-10	7.30E-10	3.44E-07	4.32E-05	0.00E+00	3.18E-08	0.00E+00	7.30E-10	1.18E-06	0.00E+00	0.00E+00	4.32E-05
1424	ALL	462758.1	3773160	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.35E-10	7.35E-10	3.47E-07	4.34E-05	0.00E+00	3.20E-08	0.00E+00	7.35E-10	1.19E-06	0.00E+00	0.00E+00	4.34E-05
1425	ALL	462758.2	3773170	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.39E-10	7.39E-10	3.49E-07	4.36E-05	0.00E+00	3.22E-08	0.00E+00	7.39E-10	1.19E-06	0.00E+00	0.00E+00	4.36E-05
1426	ALL	462758.3	3773180	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.42E-10	7.42E-10	3.50E-07	4.37E-05	0.00E+00	3.23E-08	0.00E+00	7.42E-10	1.20E-06	0.00E+00	0.00E+00	4.37E-05
1427	ALL	462758.4	3773190	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.44E-10	7.44E-10	3.51E-07	4.37E-05	0.00E+00	3.24E-08	0.00E+00	7.44E-10	1.20E-06	0.00E+00	0.00E+00	4.37E-05
1428	ALL	462758.5	3773200	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.44E-10	7.44E-10	3.51E-07	4.35E-05	0.00E+00	3.24E-08	0.00E+00	7.44E-10	1.20E-06	0.00E+00	0.00E+00	4.35E-05
1429	ALL	462758.6	3773210	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.43E-10	7.43E-10	3.51E-07	4.33E-05	0.00E+00	3.24E-08	0.00E+00	7.43E-10	1.20E-06	0.00E+00	0.00E+00	4.33E-05
1430	ALL	462758.6	3773220	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.41E-10	7.41E-10	3.50E-07	4.31E-05	0.00E+00	3.23E-08	0.00E+00	7.41E-10	1.20E-06	0.00E+00	0.00E+00	4.31E-05
1431	ALL	462758.7	3773230	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.38E-10	7.38E-10	3.48E-07	4.28E-05	0.00E+00	3.22E-08	0.00E+00	7.38E-10	1.19E-06	0.00E+00	0.00E+00	4.28E-05
1432	ALL	462758.8	3773240	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.34E-10	7.34E-10	3.46E-07	4.23E-05	0.00E+00	3.20E-08	0.00E+00	7.34E-10	1.19E-06	0.00E+00	0.00E+00	4.23E-05
1433	ALL	462745.4	3773132	NonCancer	0.00E+00	9.54E-09	0.00E+00	6.74E-10	6.74E-10	3.18E-07	3.96E-05	0.00E+00	2.94E-08	0.00E+00	6.74E-10	1.09E-06	0.00E+00	0.00E+00	3.96E-05
1434	ALL	462749.2	3773123	NonCancer	0.00E+00	9.63E-09	0.00E+00	6.80E-10	6.80E-10	3.21E-07	4.00E-05	0.00E+00	2.96E-08	0.00E+00	6.80E-10	1.10E-06	0.00E+00	0.00E+00	4.00E-05
1435	ALL	462752.9	3773114	NonCancer	0.00E+00	9.70E-09	0.00E+00	6.86E-10	6.86E-10	3.24E-07	4.04E-05	0.00E+00	2.99E-08	0.00E+00	6.86E-10	1.11E-06	0.00E+00	0.00E+00	4.04E-05
1436	ALL	462756.6	3773105	NonCancer	0.00E+00	9.77E-09	0.00E+00	6.91E-10	6.91E-10	3.26E-07	4.08E-05	0.00E+00	3.01E-08	0.00E+00	6.91E-10	1.12E-06	0.00E+00	0.00E+00	4.08E-05
1437	ALL	462760.3	3773096	NonCancer	0.00E+00	9.83E-09	0.00E+00	6.94E-10	6.94E-10	3.28E-07	4.11E-05	0.00E+00	3.03E-08	0.00E+00	6.94E-10	1.12E-06	0.00E+00	0.00E+00	4.11E-05
1438	ALL	462764	3773086	NonCancer	0.00E+00	9.87E-09	0.00E+00	6.97E-10	6.97E-10	3.29E-07	4.13E-05	0.00E+00	3.04E-08	0.00E+00	6.97E-10	1.13E-06	0.00E+00	0.00E+00	4.13E-05
1439	ALL	462767.7	3773077	NonCancer	0.00E+00	9.90E-09	0.00E+00	6.99E-10	6.99E-10	3.30E-07	4.15E-05	0.00E+00	3.05E-08	0.00E+00	6.99E-10	1.13E-06	0.00E+00	0.00E+00	4.15E-05
1440	ALL	462771.4	3773068	NonCancer	0.00E+00	9.91E-09	0.00E+00	7.00E-10	7.00E-10	3.31E-07	4.16E-05	0.00E+00	3.05E-08	0.00E+00	7.00E-10	1.13E-06	0.00E+00	0.00E+00	4.16E-05
1441	ALL	462775.2	3773059	NonCancer	0.00E+00	9.91E-09	0.00E+00	7.01E-10	7.01E-10	3.31E-07	4.16E-05	0.00E+00	3.05E-08	0.00E+00	7.01E-10	1.13E-06	0.00E+00	0.00E+00	4.16E-05
1442	ALL	462778.9	3773050	NonCancer	0.00E+00	9.91E-09	0.00E+00	7.00E-10	7.00E-10	3.30E-07	4.15E-05	0.00E+00	3.05E-08	0.00E+00	7.00E-10	1.13E-06	0.00E+00	0.00E+00	4.15E-05
1443	ALL	462782.6	3773041	NonCancer	0.00E+00	9.89E-09	0.00E+00	6.99E-10	6.99E-10	3.30E-07	4.14E-05	0.00E+00	3.04E-08	0.00E+00	6.99E-10	1.13E-06	0.00E+00	0.00E+00	4.14E-05
1444	ALL	462786.3	3773031	NonCancer	0.00E+00	9.85E-09	0.00E+00	6.96E-10	6.96E-10	3.29E-07	4.12E-05	0.00E+00	3.03E-08	0.00E+00	6.96E-10	1.12E-06	0.00E+00	0.00E+00	4.12E-05
1445	ALL	462799.1	3773018	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.14E-10	7.14E-10	3.37E-07	4.24E-05	0.00E+00	3.11E-08	0.00E+00	7.14E-10	1.15E-06	0.00E+00	0.00E+00	4.24E-05
1446	ALL	462808.2	3773015	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.36E-10	7.36E-10	3.47E-07	4.38E-05	0.00E+00	3.21E-08	0.00E+00	7.36E-10	1.19E-06	0.00E+00	0.00E+00	4.38E-05
1447	ALL	462817.4	3773011	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.58E-10	7.58E-10	3.58E-07	4.53E-05	0.00E+00	3.30E-08	0.00E+00	7.58E-10	1.22E-06	0.00E+00	0.00E+00	4.53E-05
1448	ALL	462826.5	3773007	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.79E-10	7.79E-10	3.68E-07	4.67E-05	0.00E+00	3.40E-08	0.00E+00	7.79E-10	1.26E-06	0.00E+00	0.00E+00	4.67E-05
1449	ALL	462835.6	3773003	NonCancer	0.00E+00	1.13E-08	0.00E+00	8.01E-10	8.01E-10	3.78E-07	4.81E-05	0.00E+00	3.49E-08	0.00E+00	8.01E-10	1.29E-06	0.00E+00	0.00E+00	4.81E-05
1450	ALL	462844.7	3772999	NonCancer	0.00E+00	1.16E-08	0.00E+00	8.21E-10	8.21E-10	3.88E-07	4.94E-05	0.00E+00	3.58E-08	0.00E+00	8.21E-10	1.33E-06	0.00E+00	0.00E+00	4.94E-05
1451	ALL	462853.8	3772996	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.41E-10	8.41E-10	3.97E-07	5.07E-05	0.00E+00	3.66E-08	0.00E+00	8.41E-10	1.36E-06	0.00E+00	0.00E+00	5.07E-05
1452	ALL	462862.9	3772992	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.59E-10	8.59E-10	4.06E-07	5.19E-05	0.00E+00	3.74E-08	0.00E+00	8.59E-10	1.39E-06	0.00E+00	0.00E+00	5.19E-05
1453	ALL	462872.1	3772988	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.76E-10	8.76E-10	4.14E-07	5.29E-05	0.00E+00	3.82E-08	0.00E+00	8.76E-10	1.42E-06	0.00E+00	0.00E+00	5.29E-05
1454	ALL	462881.2	3772984	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.91E-10	8.91E-10	4.21E-07	5.38E-05	0.00E+00	3.88E-08	0.00E+00	8.91E-10	1.44E-06	0.00E+00	0.00E+00	5.38E-05
1455	ALL	462890.3	3772980	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.04E-10	9.04E-10	4.27E-07	5.45E-05	0.00E+00	3.94E-08	0.00E+00	9.04E-10	1.46E-06	0.00E+00	0.00E+00	5.45E-05
1456	ALL	462899.4	3772976	NonCancer	0.00E+00	1.29E-08	0.00E+00	9.14E-10	9.14E-10	4.31E-07	5.50E-05	0.00E+00	3.98E-08	0.00E+00	9.14E-10	1.48E-06	0.00E+00	0.00E+00	5.50E-05

1457	ALL	462908.5	3772973	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.22E-10	9.22E-10	4.35E-07	5.53E-05	0.00E+00	4.02E-08	0.00E+00	9.22E-10	1.49E-06	0.00E+00	0.00E+00	5.53E-05
1458	ALL	462721.6	3773142	NonCancer	0.00E+00	8.60E-09	0.00E+00	6.08E-10	6.08E-10	2.87E-07	3.51E-05	0.00E+00	2.65E-08	0.00E+00	6.08E-10	9.82E-07	0.00E+00	0.00E+00	3.51E-05
1459	ALL	462725.2	3773133	NonCancer	0.00E+00	8.68E-09	0.00E+00	6.14E-10	6.14E-10	2.90E-07	3.55E-05	0.00E+00	2.67E-08	0.00E+00	6.14E-10	9.91E-07	0.00E+00	0.00E+00	3.55E-05
1460	ALL	462728.8	3773124	NonCancer	0.00E+00	8.76E-09	0.00E+00	6.19E-10	6.19E-10	2.92E-07	3.59E-05	0.00E+00	2.70E-08	0.00E+00	6.19E-10	1.00E-06	0.00E+00	0.00E+00	3.59E-05
1461	ALL	462746.9	3773079	NonCancer	0.00E+00	9.02E-09	0.00E+00	6.37E-10	6.37E-10	3.01E-07	3.73E-05	0.00E+00	2.78E-08	0.00E+00	6.37E-10	1.03E-06	0.00E+00	0.00E+00	3.73E-05
1462	ALL	462750.5	3773071	NonCancer	0.00E+00	9.04E-09	0.00E+00	6.39E-10	6.39E-10	3.01E-07	3.74E-05	0.00E+00	2.78E-08	0.00E+00	6.39E-10	1.03E-06	0.00E+00	0.00E+00	3.74E-05
1463	ALL	462754.1	3773062	NonCancer	0.00E+00	9.05E-09	0.00E+00	6.40E-10	6.40E-10	3.02E-07	3.75E-05	0.00E+00	2.79E-08	0.00E+00	6.40E-10	1.03E-06	0.00E+00	0.00E+00	3.75E-05
1464	ALL	462757.7	3773053	NonCancer	0.00E+00	9.06E-09	0.00E+00	6.40E-10	6.40E-10	3.02E-07	3.75E-05	0.00E+00	2.79E-08	0.00E+00	6.40E-10	1.03E-06	0.00E+00	0.00E+00	3.75E-05
1465	ALL	462761.3	3773044	NonCancer	0.00E+00	9.06E-09	0.00E+00	6.40E-10	6.40E-10	3.02E-07	3.75E-05	0.00E+00	2.79E-08	0.00E+00	6.40E-10	1.03E-06	0.00E+00	0.00E+00	3.75E-05
1466	ALL	462765	3773035	NonCancer	0.00E+00	9.04E-09	0.00E+00	6.39E-10	6.39E-10	3.02E-07	3.74E-05	0.00E+00	2.78E-08	0.00E+00	6.39E-10	1.03E-06	0.00E+00	0.00E+00	3.74E-05
1467	ALL	462768.6	3773026	NonCancer	0.00E+00	9.02E-09	0.00E+00	6.37E-10	6.37E-10	3.01E-07	3.73E-05	0.00E+00	2.78E-08	0.00E+00	6.37E-10	1.03E-06	0.00E+00	0.00E+00	3.73E-05
1468	ALL	462772.2	3773017	NonCancer	0.00E+00	8.99E-09	0.00E+00	6.35E-10	6.35E-10	3.00E-07	3.71E-05	0.00E+00	2.77E-08	0.00E+00	6.35E-10	1.03E-06	0.00E+00	0.00E+00	3.71E-05
1469	ALL	462784.7	3773005	NonCancer	0.00E+00	9.19E-09	0.00E+00	6.50E-10	6.50E-10	3.07E-07	3.81E-05	0.00E+00	2.83E-08	0.00E+00	6.50E-10	1.05E-06	0.00E+00	0.00E+00	3.81E-05
1470	ALL	462793.5	3773001	NonCancer	0.00E+00	9.44E-09	0.00E+00	6.67E-10	6.67E-10	3.15E-07	3.92E-05	0.00E+00	2.91E-08	0.00E+00	6.67E-10	1.08E-06	0.00E+00	0.00E+00	3.92E-05
1471	ALL	462802.4	3772997	NonCancer	0.00E+00	9.69E-09	0.00E+00	6.85E-10	6.85E-10	3.23E-07	4.03E-05	0.00E+00	2.98E-08	0.00E+00	6.85E-10	1.11E-06	0.00E+00	0.00E+00	4.03E-05
1472	ALL	462811.2	3772993	NonCancer	0.00E+00	9.94E-09	0.00E+00	7.03E-10	7.03E-10	3.32E-07	4.15E-05	0.00E+00	3.06E-08	0.00E+00	7.03E-10	1.13E-06	0.00E+00	0.00E+00	4.15E-05
1473	ALL	462820.1	3772990	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.20E-10	7.20E-10	3.40E-07	4.26E-05	0.00E+00	3.14E-08	0.00E+00	7.20E-10	1.16E-06	0.00E+00	0.00E+00	4.26E-05
1474	ALL	462829	3772986	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.37E-10	7.37E-10	3.48E-07	4.37E-05	0.00E+00	3.21E-08	0.00E+00	7.37E-10	1.19E-06	0.00E+00	0.00E+00	4.37E-05
1475	ALL	462837.8	3772982	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.53E-10	7.53E-10	3.56E-07	4.47E-05	0.00E+00	3.28E-08	0.00E+00	7.53E-10	1.22E-06	0.00E+00	0.00E+00	4.47E-05
1476	ALL	462846.7	3772979	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.69E-10	7.69E-10	3.63E-07	4.57E-05	0.00E+00	3.35E-08	0.00E+00	7.69E-10	1.24E-06	0.00E+00	0.00E+00	4.57E-05
1477	ALL	462855.6	3772975	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.83E-10	7.83E-10	3.70E-07	4.65E-05	0.00E+00	3.41E-08	0.00E+00	7.83E-10	1.27E-06	0.00E+00	0.00E+00	4.65E-05
1478	ALL	462864.4	3772971	NonCancer	0.00E+00	1.13E-08	0.00E+00	7.97E-10	7.97E-10	3.76E-07	4.73E-05	0.00E+00	3.47E-08	0.00E+00	7.97E-10	1.29E-06	0.00E+00	0.00E+00	4.73E-05
1479	ALL	462873.3	3772967	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.08E-10	8.08E-10	3.82E-07	4.80E-05	0.00E+00	3.52E-08	0.00E+00	8.08E-10	1.31E-06	0.00E+00	0.00E+00	4.80E-05
1480	ALL	462882.1	3772964	NonCancer	0.00E+00	1.16E-08	0.00E+00	8.19E-10	8.19E-10	3.86E-07	4.86E-05	0.00E+00	3.57E-08	0.00E+00	8.19E-10	1.32E-06	0.00E+00	0.00E+00	4.86E-05
1481	ALL	462891	3772960	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.27E-10	8.27E-10	3.90E-07	4.90E-05	0.00E+00	3.60E-08	0.00E+00	8.27E-10	1.34E-06	0.00E+00	0.00E+00	4.90E-05
1482	ALL	462899.9	3772956	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.34E-10	8.34E-10	3.93E-07	4.93E-05	0.00E+00	3.63E-08	0.00E+00	8.34E-10	1.35E-06	0.00E+00	0.00E+00	4.93E-05
1483	ALL	462908.7	3772953	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.38E-10	8.38E-10	3.96E-07	4.94E-05	0.00E+00	3.65E-08	0.00E+00	8.38E-10	1.35E-06	0.00E+00	0.00E+00	4.94E-05
1484	ALL	462718	3773151	NonCancer	0.00E+00	8.51E-09	0.00E+00	6.01E-10	6.01E-10	2.84E-07	3.46E-05	0.00E+00	2.62E-08	0.00E+00	6.01E-10	9.71E-07	0.00E+00	0.00E+00	3.46E-05
1485	ALL	462718.1	3773161	NonCancer	0.00E+00	8.55E-09	0.00E+00	6.04E-10	6.04E-10	2.85E-07	3.48E-05	0.00E+00	2.63E-08	0.00E+00	6.04E-10	9.76E-07	0.00E+00	0.00E+00	3.48E-05
1486	ALL	462718.2	3773171	NonCancer	0.00E+00	8.59E-09	0.00E+00	6.07E-10	6.07E-10	2.86E-07	3.49E-05	0.00E+00	2.64E-08	0.00E+00	6.07E-10	9.80E-07	0.00E+00	0.00E+00	3.49E-05
1487	ALL	462718.3	3773181	NonCancer	0.00E+00	8.61E-09	0.00E+00	6.08E-10	6.08E-10	2.87E-07	3.49E-05	0.00E+00	2.65E-08	0.00E+00	6.08E-10	9.83E-07	0.00E+00	0.00E+00	3.49E-05
1488	ALL	462718.4	3773190	NonCancer	0.00E+00	8.63E-09	0.00E+00	6.10E-10	6.10E-10	2.88E-07	3.49E-05	0.00E+00	2.66E-08	0.00E+00	6.10E-10	9.85E-07	0.00E+00	0.00E+00	3.49E-05
1489	ALL	462718.5	3773200	NonCancer	0.00E+00	8.64E-09	0.00E+00	6.11E-10	6.11E-10	2.88E-07	3.49E-05	0.00E+00	2.66E-08	0.00E+00	6.11E-10	9.86E-07	0.00E+00	0.00E+00	3.49E-05
1490	ALL	462718.6	3773210	NonCancer	0.00E+00	8.64E-09	0.00E+00	6.10E-10	6.10E-10	2.88E-07	3.48E-05	0.00E+00	2.66E-08	0.00E+00	6.10E-10	9.86E-07	0.00E+00	0.00E+00	3.48E-05
1491	ALL	462718.7	3773220	NonCancer	0.00E+00	8.62E-09	0.00E+00	6.09E-10	6.09E-10	2.88E-07	3.46E-05	0.00E+00	2.66E-08	0.00E+00	6.09E-10	9.84E-07	0.00E+00	0.00E+00	3.46E-05
1492	ALL	462718.7	3773230	NonCancer	0.00E+00	8.60E-09	0.00E+00	6.08E-10	6.08E-10	2.87E-07	3.44E-05	0.00E+00	2.65E-08	0.00E+00	6.08E-10	9.82E-07	0.00E+00	0.00E+00	3.44E-05
1493	ALL	462718.8	3773240	NonCancer	0.00E+00	8.57E-09	0.00E+00	6.05E-10	6.05E-10	2.86E-07	3.42E-05	0.00E+00	2.64E-08	0.00E+00	6.05E-10	9.78E-07	0.00E+00	0.00E+00	3.42E-05
1494	ALL	462701.8	3773142	NonCancer	0.00E+00	7.89E-09	0.00E+00	5.57E-10	5.57E-10	2.63E-07	3.18E-05	0.00E+00	2.43E-08	0.00E+00	5.57E-10	9.00E-07	0.00E+00	0.00E+00	3.18E-05
1495	ALL	462705.5	3773132	NonCancer	0.00E+00	7.96E-09	0.00E+00	5.63E-10	5.63E-10	2.66E-07	3.22E-05	0.00E+00	2.45E-08	0.00E+00	5.63E-10	9.09E-07	0.00E+00	0.00E+00	3.22E-05
1496	ALL	462709.2	3773123	NonCancer	0.00E+00	8.03E-09	0.00E+00	5.67E-10	5.67E-10	2.68E-07	3.26E-05	0.00E+00	2.47E-08	0.00E+00	5.67E-10	9.17E-07	0.00E+00	0.00E+00	3.26E-05
1497	ALL	462713	3773114	NonCancer	0.00E+00	8.09E-09	0.00E+00	5.72E-10	5.72E-10	2.70E-07	3.29E-05	0.00E+00	2.49E-08	0.00E+00	5.72E-10	9.24E-07	0.00E+00	0.00E+00	3.29E-05
1498	ALL	462716.7	3773105	NonCancer	0.00E+00	8.15E-09	0.00E+00	5.76E-10	5.76E-10	2.72E-07	3.32E-05	0.00E+00	2.51E-08	0.00E+00	5.76E-10	9.30E-07	0.00E+00	0.00E+00	3.32E-05
1499	ALL	462720.4	3773096	NonCancer	0.00E+00	8.20E-09	0.00E+00	5.79E-10	5.79E-10	2.73E-07	3.34E-05	0.00E+00	2.52E-08	0.00E+00	5.79E-10	9.36E-07	0.00E+00	0.00E+00	3.34E-05
1500	ALL	462724.2	3773086	NonCancer	0.00E+00	8.24E-09	0.00E+00	5.82E-10	5.82E-10	2.75E-07	3.36E-05	0.00E+00	2.54E-08	0.00E+00	5.82E-10	9.41E-07	0.00E+00	0.00E+00	3.36E-05
1501	ALL	462727.9	3773077	NonCancer	0.00E+00	8.28E-09	0.00E+00	5.85E-10	5.85E-10	2.76E-07	3.38E-05	0.00E+00	2.55E-08	0.00E+00	5.85E-10	9.45E-07	0.00E+00	0.00E+00	3.38E-05
1502	ALL	462731.7	3773068	NonCancer	0.00E+00	8.30E-09	0.00E+00	5.86E-10	5.86E-10	2.77E-07	3.39E-05	0.00E+00	2.56E-08	0.00E+00	5.86E-10	9.47E-07	0.00E+00	0.00E+00	3.39E-05
1503	ALL	462735.4	3773059	NonCancer	0.00E+00	8.32E-09	0.00E+00	5.88E-10	5.88E-10	2.77E-07	3.40E-05	0.00E+00	2.56E-08	0.00E+00	5.88E-10	9.49E-07	0.00E+00	0.00E+00	3.40E-05
1504	ALL	462739.1	3773049	NonCancer	0.00E+00	8.33E-09	0.00E+00	5.88E-10	5.88E-10	2.78E-07	3.41E-05	0.00E+00	2.56E-08	0.00E+00	5.88E-10	9.50E-07	0.00E+00	0.00E+00	3.41E-05
1505	ALL	462742.9	3773040	NonCancer	0.00E+00	8.33E-09	0.00E+00	5.88E-10	5.88E-10	2.78E-07	3.41E-05	0.00E+00	2.56E-08	0.00E+00	5.88E-10	9.50E-07	0.00E+00	0.00E+00	3.41E-05
1506	ALL	462746.6	3773031	NonCancer	0.00E+00	8.32E-09	0.00E+00	5.88E-10	5.88E-10	2.78E-07	3.41E-05	0.00E+00	2.56E-08	0.00E+00	5.88E-10	9.50E-07	0.00E+00	0.00E+00	3.41E-05
1507	ALL	462750.4	3773022	NonCancer	0.00E+00	8.31E-09	0.00E+00	5.87E-10	5.87E-10	2.77E-07	3.40E-05	0.00E+00	2.56E-08	0.00E+00	5.87E-10	9.48E-07	0.00E+00	0.00E+00	3.40E-05
1508	ALL	462754.1	3773013	NonCancer	0.00E+00	8.29E-09	0.00E+00	5.86E-10	5.86E-10	2.76E-07	3.39E-05	0.00E+00	2.55E-08	0.00E+00	5.86E-10	9.46E-07	0.00E+00	0.00E+00	3.39E-05
1509	ALL	462757.8	3773003	NonCancer	0.00E+00	8.26E-09	0.00E+00	5.84E-10	5.84E-10	2.75E-07	3.37E-05	0.00E+00	2.54E-08	0.00E+00	5.84E-10	9.43E-07	0.00E+00	0.00E+00	3.37E-05
1510	ALL	462770.7	3772990	NonCancer	0.00E+00	8.44E-09	0.00E+00	5.96E-10	5.96E-10	2.81E-07	3.45E-05	0.00E+00	2.60E-08	0.00E+00	5.96E-10	9.63E-07	0.00E+00	0.00E+00	3.45E-05

1511	ALL	462779.9	3772986	NonCancer	0.00E+00	8.66E-09	0.00E+00	6.12E-10	6.12E-10	2.89E-07	3.55E-05	0.00E+00	2.66E-08	0.00E+00	6.12E-10	9.88E-07	0.00E+00	0.00E+00	3.55E-05
1512	ALL	462789.1	3772983	NonCancer	0.00E+00	8.87E-09	0.00E+00	6.27E-10	6.27E-10	2.96E-07	3.65E-05	0.00E+00	2.73E-08	0.00E+00	6.27E-10	1.01E-06	0.00E+00	0.00E+00	3.65E-05
1513	ALL	462798.3	3772979	NonCancer	0.00E+00	9.09E-09	0.00E+00	6.43E-10	6.43E-10	3.03E-07	3.75E-05	0.00E+00	2.80E-08	0.00E+00	6.43E-10	1.04E-06	0.00E+00	0.00E+00	3.75E-05
1514	ALL	462807.4	3772975	NonCancer	0.00E+00	9.31E-09	0.00E+00	6.58E-10	6.58E-10	3.10E-07	3.84E-05	0.00E+00	2.87E-08	0.00E+00	6.58E-10	1.06E-06	0.00E+00	0.00E+00	3.84E-05
1515	ALL	462816.6	3772971	NonCancer	0.00E+00	9.52E-09	0.00E+00	6.73E-10	6.73E-10	3.17E-07	3.93E-05	0.00E+00	2.93E-08	0.00E+00	6.73E-10	1.09E-06	0.00E+00	0.00E+00	3.93E-05
1516	ALL	462825.8	3772967	NonCancer	0.00E+00	9.72E-09	0.00E+00	6.87E-10	6.87E-10	3.24E-07	4.02E-05	0.00E+00	2.99E-08	0.00E+00	6.87E-10	1.11E-06	0.00E+00	0.00E+00	4.02E-05
1517	ALL	462835	3772963	NonCancer	0.00E+00	9.92E-09	0.00E+00	7.01E-10	7.01E-10	3.31E-07	4.11E-05	0.00E+00	3.05E-08	0.00E+00	7.01E-10	1.13E-06	0.00E+00	0.00E+00	4.11E-05
1518	ALL	462844.1	3772960	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.14E-10	7.14E-10	3.37E-07	4.18E-05	0.00E+00	3.11E-08	0.00E+00	7.14E-10	1.15E-06	0.00E+00	0.00E+00	4.18E-05
1519	ALL	462853.3	3772956	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.26E-10	7.26E-10	3.42E-07	4.25E-05	0.00E+00	3.16E-08	0.00E+00	7.26E-10	1.17E-06	0.00E+00	0.00E+00	4.25E-05
1520	ALL	462862.5	3772952	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.36E-10	7.36E-10	3.47E-07	4.31E-05	0.00E+00	3.21E-08	0.00E+00	7.36E-10	1.19E-06	0.00E+00	0.00E+00	4.31E-05
1521	ALL	462871.7	3772948	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.46E-10	7.46E-10	3.52E-07	4.36E-05	0.00E+00	3.25E-08	0.00E+00	7.46E-10	1.20E-06	0.00E+00	0.00E+00	4.36E-05
1522	ALL	462880.8	3772944	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.54E-10	7.54E-10	3.56E-07	4.40E-05	0.00E+00	3.28E-08	0.00E+00	7.54E-10	1.22E-06	0.00E+00	0.00E+00	4.40E-05
1523	ALL	462890	3772940	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.60E-10	7.60E-10	3.59E-07	4.43E-05	0.00E+00	3.31E-08	0.00E+00	7.60E-10	1.23E-06	0.00E+00	0.00E+00	4.43E-05
1524	ALL	462899.2	3772937	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.65E-10	7.65E-10	3.61E-07	4.45E-05	0.00E+00	3.33E-08	0.00E+00	7.65E-10	1.24E-06	0.00E+00	0.00E+00	4.45E-05
1525	ALL	462908.4	3772933	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.68E-10	7.68E-10	3.62E-07	4.45E-05	0.00E+00	3.35E-08	0.00E+00	7.68E-10	1.24E-06	0.00E+00	0.00E+00	4.45E-05
1526	ALL	462698	3773151	NonCancer	0.00E+00	7.80E-09	0.00E+00	5.51E-10	5.51E-10	2.60E-07	3.14E-05	0.00E+00	2.40E-08	0.00E+00	5.51E-10	8.91E-07	0.00E+00	0.00E+00	3.14E-05
1527	ALL	462698.1	3773161	NonCancer	0.00E+00	7.84E-09	0.00E+00	5.54E-10	5.54E-10	2.61E-07	3.15E-05	0.00E+00	2.41E-08	0.00E+00	5.54E-10	8.95E-07	0.00E+00	0.00E+00	3.15E-05
1528	ALL	462698.2	3773171	NonCancer	0.00E+00	7.87E-09	0.00E+00	5.56E-10	5.56E-10	2.62E-07	3.16E-05	0.00E+00	2.42E-08	0.00E+00	5.56E-10	8.98E-07	0.00E+00	0.00E+00	3.16E-05
1529	ALL	462698.3	3773181	NonCancer	0.00E+00	7.89E-09	0.00E+00	5.57E-10	5.57E-10	2.63E-07	3.16E-05	0.00E+00	2.43E-08	0.00E+00	5.57E-10	9.00E-07	0.00E+00	0.00E+00	3.16E-05
1530	ALL	462698.4	3773191	NonCancer	0.00E+00	7.91E-09	0.00E+00	5.59E-10	5.59E-10	2.64E-07	3.16E-05	0.00E+00	2.43E-08	0.00E+00	5.59E-10	9.02E-07	0.00E+00	0.00E+00	3.16E-05
1531	ALL	462698.5	3773201	NonCancer	0.00E+00	7.91E-09	0.00E+00	5.59E-10	5.59E-10	2.64E-07	3.16E-05	0.00E+00	2.44E-08	0.00E+00	5.59E-10	9.03E-07	0.00E+00	0.00E+00	3.16E-05
1532	ALL	462698.6	3773211	NonCancer	0.00E+00	7.91E-09	0.00E+00	5.59E-10	5.59E-10	2.64E-07	3.15E-05	0.00E+00	2.44E-08	0.00E+00	5.59E-10	9.03E-07	0.00E+00	0.00E+00	3.15E-05
1533	ALL	462698.7	3773221	NonCancer	0.00E+00	7.90E-09	0.00E+00	5.58E-10	5.58E-10	2.63E-07	3.14E-05	0.00E+00	2.43E-08	0.00E+00	5.58E-10	9.01E-07	0.00E+00	0.00E+00	3.14E-05
1534	ALL	462698.7	3773230	NonCancer	0.00E+00	7.88E-09	0.00E+00	5.56E-10	5.56E-10	2.63E-07	3.12E-05	0.00E+00	2.42E-08	0.00E+00	5.56E-10	8.99E-07	0.00E+00	0.00E+00	3.12E-05
1535	ALL	462698.8	3773240	NonCancer	0.00E+00	7.85E-09	0.00E+00	5.54E-10	5.54E-10	2.62E-07	3.10E-05	0.00E+00	2.42E-08	0.00E+00	5.54E-10	8.96E-07	0.00E+00	0.00E+00	3.10E-05
1536	ALL	462681.7	3773142	NonCancer	0.00E+00	7.26E-09	0.00E+00	5.13E-10	5.13E-10	2.42E-07	2.90E-05	0.00E+00	2.24E-08	0.00E+00	5.13E-10	8.29E-07	0.00E+00	0.00E+00	2.90E-05
1537	ALL	462685.3	3773133	NonCancer	0.00E+00	7.33E-09	0.00E+00	5.18E-10	5.18E-10	2.45E-07	2.93E-05	0.00E+00	2.26E-08	0.00E+00	5.18E-10	8.37E-07	0.00E+00	0.00E+00	2.93E-05
1538	ALL	462689	3773124	NonCancer	0.00E+00	7.39E-09	0.00E+00	5.22E-10	5.22E-10	2.47E-07	2.96E-05	0.00E+00	2.28E-08	0.00E+00	5.22E-10	8.44E-07	0.00E+00	0.00E+00	2.96E-05
1539	ALL	462692.6	3773115	NonCancer	0.00E+00	7.45E-09	0.00E+00	5.26E-10	5.26E-10	2.48E-07	2.99E-05	0.00E+00	2.29E-08	0.00E+00	5.26E-10	8.50E-07	0.00E+00	0.00E+00	2.99E-05
1540	ALL	462696.3	3773106	NonCancer	0.00E+00	7.50E-09	0.00E+00	5.30E-10	5.30E-10	2.50E-07	3.02E-05	0.00E+00	2.31E-08	0.00E+00	5.30E-10	8.56E-07	0.00E+00	0.00E+00	3.02E-05
1541	ALL	462699.9	3773097	NonCancer	0.00E+00	7.54E-09	0.00E+00	5.33E-10	5.33E-10	2.52E-07	3.04E-05	0.00E+00	2.32E-08	0.00E+00	5.33E-10	8.61E-07	0.00E+00	0.00E+00	3.04E-05
1542	ALL	462703.6	3773088	NonCancer	0.00E+00	7.58E-09	0.00E+00	5.36E-10	5.36E-10	2.53E-07	3.06E-05	0.00E+00	2.33E-08	0.00E+00	5.36E-10	8.66E-07	0.00E+00	0.00E+00	3.06E-05
1543	ALL	462707.2	3773079	NonCancer	0.00E+00	7.62E-09	0.00E+00	5.38E-10	5.38E-10	2.54E-07	3.08E-05	0.00E+00	2.35E-08	0.00E+00	5.38E-10	8.70E-07	0.00E+00	0.00E+00	3.08E-05
1544	ALL	462710.9	3773070	NonCancer	0.00E+00	7.65E-09	0.00E+00	5.40E-10	5.40E-10	2.55E-07	3.09E-05	0.00E+00	2.35E-08	0.00E+00	5.40E-10	8.73E-07	0.00E+00	0.00E+00	3.09E-05
1545	ALL	462714.5	3773061	NonCancer	0.00E+00	7.67E-09	0.00E+00	5.42E-10	5.42E-10	2.56E-07	3.10E-05	0.00E+00	2.36E-08	0.00E+00	5.42E-10	8.75E-07	0.00E+00	0.00E+00	3.10E-05
1546	ALL	462718.2	3773052	NonCancer	0.00E+00	7.69E-09	0.00E+00	5.43E-10	5.43E-10	2.56E-07	3.11E-05	0.00E+00	2.37E-08	0.00E+00	5.43E-10	8.77E-07	0.00E+00	0.00E+00	3.11E-05
1547	ALL	462721.8	3773043	NonCancer	0.00E+00	7.69E-09	0.00E+00	5.44E-10	5.44E-10	2.57E-07	3.12E-05	0.00E+00	2.37E-08	0.00E+00	5.44E-10	8.78E-07	0.00E+00	0.00E+00	3.12E-05
1548	ALL	462725.5	3773034	NonCancer	0.00E+00	7.70E-09	0.00E+00	5.44E-10	5.44E-10	2.57E-07	3.12E-05	0.00E+00	2.37E-08	0.00E+00	5.44E-10	8.78E-07	0.00E+00	0.00E+00	3.12E-05
1549	ALL	462729.1	3773025	NonCancer	0.00E+00	7.69E-09	0.00E+00	5.44E-10	5.44E-10	2.57E-07	3.12E-05	0.00E+00	2.37E-08	0.00E+00	5.44E-10	8.78E-07	0.00E+00	0.00E+00	3.12E-05
1550	ALL	462732.8	3773016	NonCancer	0.00E+00	7.69E-09	0.00E+00	5.43E-10	5.43E-10	2.56E-07	3.11E-05	0.00E+00	2.37E-08	0.00E+00	5.43E-10	8.77E-07	0.00E+00	0.00E+00	3.11E-05
1551	ALL	462736.4	3773007	NonCancer	0.00E+00	7.67E-09	0.00E+00	5.42E-10	5.42E-10	2.56E-07	3.10E-05	0.00E+00	2.36E-08	0.00E+00	5.42E-10	8.76E-07	0.00E+00	0.00E+00	3.10E-05
1552	ALL	462740.1	3772998	NonCancer	0.00E+00	7.65E-09	0.00E+00	5.41E-10	5.41E-10	2.55E-07	3.09E-05	0.00E+00	2.36E-08	0.00E+00	5.41E-10	8.74E-07	0.00E+00	0.00E+00	3.09E-05
1553	ALL	462743.7	3772989	NonCancer	0.00E+00	7.63E-09	0.00E+00	5.39E-10	5.39E-10	2.54E-07	3.08E-05	0.00E+00	2.35E-08	0.00E+00	5.39E-10	8.71E-07	0.00E+00	0.00E+00	3.08E-05
1554	ALL	462756.3	3772976	NonCancer	0.00E+00	7.78E-09	0.00E+00	5.50E-10	5.50E-10	2.59E-07	3.14E-05	0.00E+00	2.39E-08	0.00E+00	5.50E-10	8.88E-07	0.00E+00	0.00E+00	3.14E-05
1555	ALL	462765.3	3772973	NonCancer	0.00E+00	7.96E-09	0.00E+00	5.62E-10	5.62E-10	2.65E-07	3.23E-05	0.00E+00	2.45E-08	0.00E+00	5.62E-10	9.09E-07	0.00E+00	0.00E+00	3.23E-05
1556	ALL	462774.2	3772969	NonCancer	0.00E+00	8.14E-09	0.00E+00	5.75E-10	5.75E-10	2.72E-07	3.31E-05	0.00E+00	2.51E-08	0.00E+00	5.75E-10	9.30E-07	0.00E+00	0.00E+00	3.31E-05
1557	ALL	462783.2	3772965	NonCancer	0.00E+00	8.33E-09	0.00E+00	5.88E-10	5.88E-10	2.78E-07	3.39E-05	0.00E+00	2.56E-08	0.00E+00	5.88E-10	9.50E-07	0.00E+00	0.00E+00	3.39E-05
1558	ALL	462792.1	3772961	NonCancer	0.00E+00	8.51E-09	0.00E+00	6.01E-10	6.01E-10	2.84E-07	3.47E-05	0.00E+00	2.62E-08	0.00E+00	6.01E-10	9.71E-07	0.00E+00	0.00E+00	3.47E-05
1559	ALL	462801.1	3772958	NonCancer	0.00E+00	8.69E-09	0.00E+00	6.14E-10	6.14E-10	2.90E-07	3.55E-05	0.00E+00	2.67E-08	0.00E+00	6.14E-10	9.92E-07	0.00E+00	0.00E+00	3.55E-05
1560	ALL	462810	3772954	NonCancer	0.00E+00	8.86E-09	0.00E+00	6.26E-10	6.26E-10	2.96E-07	3.62E-05	0.00E+00	2.73E-08	0.00E+00	6.26E-10	1.01E-06	0.00E+00	0.00E+00	3.62E-05
1561	ALL	462819	3772950	NonCancer	0.00E+00	9.03E-09	0.00E+00	6.38E-10	6.38E-10	3.01E-07	3.69E-05	0.00E+00	2.78E-08	0.00E+00	6.38E-10	1.03E-06	0.00E+00	0.00E+00	3.69E-05
1562	ALL	462827.9	3772946	NonCancer	0.00E+00	9.19E-09	0.00E+00	6.49E-10	6.49E-10	3.06E-07	3.76E-05	0.00E+00	2.83E-08	0.00E+00	6.49E-10	1.05E-06	0.00E+00	0.00E+00	3.76E-05
1563	ALL	462836.9	3772943	NonCancer	0.00E+00	9.34E-09	0.00E+00	6.60E-10	6.60E-10	3.11E-07	3.82E-05	0.00E+00	2.87E-08	0.00E+00	6.60E-10	1.07E-06	0.00E+00	0.00E+00	3.82E-05
1564	ALL	462845.9	3772939	NonCancer	0.00E+00	9.48E-09	0.00E+00	6.70E-10	6.70E-10	3.16E-07	3.87E-05	0.00E+00	2.92E-08	0.00E+00	6.70E-10	1.08E-06	0.00E+00	0.00E+00	3.87E-05

1565	ALL	462854.8	3772935	NonCancer	0.00E+00	9.60E-09	0.00E+00	6.78E-10	6.78E-10	3.20E-07	3.92E-05	0.00E+00	2.96E-08	0.00E+00	6.78E-10	1.10E-06	0.00E+00	0.00E+00	3.92E-05
1566	ALL	462863.8	3772931	NonCancer	0.00E+00	9.71E-09	0.00E+00	6.86E-10	6.86E-10	3.24E-07	3.96E-05	0.00E+00	2.99E-08	0.00E+00	6.86E-10	1.11E-06	0.00E+00	0.00E+00	3.96E-05
1567	ALL	462872.7	3772928	NonCancer	0.00E+00	9.81E-09	0.00E+00	6.93E-10	6.93E-10	3.27E-07	3.99E-05	0.00E+00	3.02E-08	0.00E+00	6.93E-10	1.12E-06	0.00E+00	0.00E+00	3.99E-05
1568	ALL	462881.7	3772924	NonCancer	0.00E+00	9.88E-09	0.00E+00	6.98E-10	6.98E-10	3.30E-07	4.02E-05	0.00E+00	3.04E-08	0.00E+00	6.98E-10	1.13E-06	0.00E+00	0.00E+00	4.02E-05
1569	ALL	462890.6	3772920	NonCancer	0.00E+00	9.95E-09	0.00E+00	7.03E-10	7.03E-10	3.32E-07	4.03E-05	0.00E+00	3.06E-08	0.00E+00	7.03E-10	1.14E-06	0.00E+00	0.00E+00	4.03E-05
1570	ALL	462899.6	3772916	NonCancer	0.00E+00	9.99E-09	0.00E+00	7.06E-10	7.06E-10	3.33E-07	4.04E-05	0.00E+00	3.08E-08	0.00E+00	7.06E-10	1.14E-06	0.00E+00	0.00E+00	4.04E-05
1571	ALL	462908.5	3772913	NonCancer	0.00E+00	1.00E-08	0.00E+00	7.08E-10	7.08E-10	3.34E-07	4.04E-05	0.00E+00	3.09E-08	0.00E+00	7.08E-10	1.14E-06	0.00E+00	0.00E+00	4.04E-05
1572	ALL	462678	3773151	NonCancer	0.00E+00	7.19E-09	0.00E+00	5.08E-10	5.08E-10	2.40E-07	2.86E-05	0.00E+00	2.21E-08	0.00E+00	5.08E-10	8.21E-07	0.00E+00	0.00E+00	2.86E-05
1573	ALL	462678.1	3773161	NonCancer	0.00E+00	7.22E-09	0.00E+00	5.10E-10	5.10E-10	2.41E-07	2.87E-05	0.00E+00	2.22E-08	0.00E+00	5.10E-10	8.24E-07	0.00E+00	0.00E+00	2.87E-05
1574	ALL	462678.2	3773171	NonCancer	0.00E+00	7.25E-09	0.00E+00	5.12E-10	5.12E-10	2.42E-07	2.88E-05	0.00E+00	2.23E-08	0.00E+00	5.12E-10	8.27E-07	0.00E+00	0.00E+00	2.88E-05
1575	ALL	462678.3	3773181	NonCancer	0.00E+00	7.27E-09	0.00E+00	5.14E-10	5.14E-10	2.42E-07	2.88E-05	0.00E+00	2.24E-08	0.00E+00	5.14E-10	8.29E-07	0.00E+00	0.00E+00	2.88E-05
1576	ALL	462678.4	3773191	NonCancer	0.00E+00	7.28E-09	0.00E+00	5.14E-10	5.14E-10	2.43E-07	2.88E-05	0.00E+00	2.24E-08	0.00E+00	5.14E-10	8.31E-07	0.00E+00	0.00E+00	2.88E-05
1577	ALL	462678.5	3773201	NonCancer	0.00E+00	7.28E-09	0.00E+00	5.15E-10	5.15E-10	2.43E-07	2.88E-05	0.00E+00	2.24E-08	0.00E+00	5.15E-10	8.31E-07	0.00E+00	0.00E+00	2.88E-05
1578	ALL	462678.6	3773211	NonCancer	0.00E+00	7.28E-09	0.00E+00	5.14E-10	5.14E-10	2.43E-07	2.87E-05	0.00E+00	2.24E-08	0.00E+00	5.14E-10	8.31E-07	0.00E+00	0.00E+00	2.87E-05
1579	ALL	462678.7	3773221	NonCancer	0.00E+00	7.27E-09	0.00E+00	5.14E-10	5.14E-10	2.43E-07	2.86E-05	0.00E+00	2.24E-08	0.00E+00	5.14E-10	8.30E-07	0.00E+00	0.00E+00	2.86E-05
1580	ALL	462678.7	3773231	NonCancer	0.00E+00	7.26E-09	0.00E+00	5.13E-10	5.13E-10	2.42E-07	2.85E-05	0.00E+00	2.23E-08	0.00E+00	5.13E-10	8.29E-07	0.00E+00	0.00E+00	2.85E-05
1581	ALL	462678.8	3773241	NonCancer	0.00E+00	7.24E-09	0.00E+00	5.12E-10	5.12E-10	2.41E-07	2.84E-05	0.00E+00	2.23E-08	0.00E+00	5.12E-10	8.26E-07	0.00E+00	0.00E+00	2.84E-05
1582	ALL	462661.6	3773142	NonCancer	0.00E+00	6.72E-09	0.00E+00	4.75E-10	4.75E-10	2.24E-07	2.66E-05	0.00E+00	2.07E-08	0.00E+00	4.75E-10	7.68E-07	0.00E+00	0.00E+00	2.66E-05
1583	ALL	462665.2	3773134	NonCancer	0.00E+00	6.79E-09	0.00E+00	4.79E-10	4.79E-10	2.26E-07	2.69E-05	0.00E+00	2.09E-08	0.00E+00	4.79E-10	7.74E-07	0.00E+00	0.00E+00	2.69E-05
1584	ALL	462668.7	3773125	NonCancer	0.00E+00	6.84E-09	0.00E+00	4.83E-10	4.83E-10	2.28E-07	2.72E-05	0.00E+00	2.11E-08	0.00E+00	4.83E-10	7.81E-07	0.00E+00	0.00E+00	2.72E-05
1585	ALL	462672.3	3773116	NonCancer	0.00E+00	6.90E-09	0.00E+00	4.87E-10	4.87E-10	2.30E-07	2.74E-05	0.00E+00	2.12E-08	0.00E+00	4.87E-10	7.87E-07	0.00E+00	0.00E+00	2.74E-05
1586	ALL	462675.9	3773107	NonCancer	0.00E+00	6.94E-09	0.00E+00	4.90E-10	4.90E-10	2.31E-07	2.76E-05	0.00E+00	2.14E-08	0.00E+00	4.90E-10	7.92E-07	0.00E+00	0.00E+00	2.76E-05
1587	ALL	462679.5	3773098	NonCancer	0.00E+00	6.98E-09	0.00E+00	4.93E-10	4.93E-10	2.33E-07	2.78E-05	0.00E+00	2.15E-08	0.00E+00	4.93E-10	7.97E-07	0.00E+00	0.00E+00	2.78E-05
1588	ALL	462683.1	3773089	NonCancer	0.00E+00	7.02E-09	0.00E+00	4.96E-10	4.96E-10	2.34E-07	2.80E-05	0.00E+00	2.16E-08	0.00E+00	4.96E-10	8.01E-07	0.00E+00	0.00E+00	2.80E-05
1589	ALL	462686.6	3773081	NonCancer	0.00E+00	7.05E-09	0.00E+00	4.98E-10	4.98E-10	2.35E-07	2.82E-05	0.00E+00	2.17E-08	0.00E+00	4.98E-10	8.05E-07	0.00E+00	0.00E+00	2.82E-05
1590	ALL	462690.2	3773072	NonCancer	0.00E+00	7.08E-09	0.00E+00	5.00E-10	5.00E-10	2.36E-07	2.83E-05	0.00E+00	2.18E-08	0.00E+00	5.00E-10	8.08E-07	0.00E+00	0.00E+00	2.83E-05
1591	ALL	462693.8	3773063	NonCancer	0.00E+00	7.11E-09	0.00E+00	5.02E-10	5.02E-10	2.37E-07	2.85E-05	0.00E+00	2.19E-08	0.00E+00	5.02E-10	8.11E-07	0.00E+00	0.00E+00	2.85E-05
1592	ALL	462697.4	3773054	NonCancer	0.00E+00	7.12E-09	0.00E+00	5.03E-10	5.03E-10	2.38E-07	2.86E-05	0.00E+00	2.19E-08	0.00E+00	5.03E-10	8.13E-07	0.00E+00	0.00E+00	2.86E-05
1593	ALL	462700.9	3773045	NonCancer	0.00E+00	7.14E-09	0.00E+00	5.04E-10	5.04E-10	2.38E-07	2.86E-05	0.00E+00	2.20E-08	0.00E+00	5.04E-10	8.15E-07	0.00E+00	0.00E+00	2.86E-05
1594	ALL	462704.5	3773037	NonCancer	0.00E+00	7.15E-09	0.00E+00	5.05E-10	5.05E-10	2.38E-07	2.87E-05	0.00E+00	2.20E-08	0.00E+00	5.05E-10	8.16E-07	0.00E+00	0.00E+00	2.87E-05
1595	ALL	462708.1	3773028	NonCancer	0.00E+00	7.15E-09	0.00E+00	5.05E-10	5.05E-10	2.38E-07	2.87E-05	0.00E+00	2.20E-08	0.00E+00	5.05E-10	8.16E-07	0.00E+00	0.00E+00	2.87E-05
1596	ALL	462711.7	3773019	NonCancer	0.00E+00	7.15E-09	0.00E+00	5.05E-10	5.05E-10	2.38E-07	2.87E-05	0.00E+00	2.20E-08	0.00E+00	5.05E-10	8.16E-07	0.00E+00	0.00E+00	2.87E-05
1597	ALL	462715.2	3773010	NonCancer	0.00E+00	7.15E-09	0.00E+00	5.05E-10	5.05E-10	2.38E-07	2.87E-05	0.00E+00	2.20E-08	0.00E+00	5.05E-10	8.16E-07	0.00E+00	0.00E+00	2.87E-05
1598	ALL	462718.8	3773001	NonCancer	0.00E+00	7.14E-09	0.00E+00	5.04E-10	5.04E-10	2.38E-07	2.86E-05	0.00E+00	2.20E-08	0.00E+00	5.04E-10	8.15E-07	0.00E+00	0.00E+00	2.86E-05
1599	ALL	462722.4	3772992	NonCancer	0.00E+00	7.12E-09	0.00E+00	5.03E-10	5.03E-10	2.38E-07	2.85E-05	0.00E+00	2.19E-08	0.00E+00	5.03E-10	8.13E-07	0.00E+00	0.00E+00	2.85E-05
1600	ALL	462726	3772984	NonCancer	0.00E+00	7.11E-09	0.00E+00	5.02E-10	5.02E-10	2.37E-07	2.84E-05	0.00E+00	2.19E-08	0.00E+00	5.02E-10	8.11E-07	0.00E+00	0.00E+00	2.84E-05
1601	ALL	462729.6	3772975	NonCancer	0.00E+00	7.08E-09	0.00E+00	5.00E-10	5.00E-10	2.36E-07	2.83E-05	0.00E+00	2.18E-08	0.00E+00	5.00E-10	8.08E-07	0.00E+00	0.00E+00	2.83E-05
1602	ALL	462741.9	3772962	NonCancer	0.00E+00	7.21E-09	0.00E+00	5.09E-10	5.09E-10	2.40E-07	2.88E-05	0.00E+00	2.22E-08	0.00E+00	5.09E-10	8.23E-07	0.00E+00	0.00E+00	2.88E-05
1603	ALL	462750.7	3772959	NonCancer	0.00E+00	7.36E-09	0.00E+00	5.20E-10	5.20E-10	2.46E-07	2.95E-05	0.00E+00	2.27E-08	0.00E+00	5.20E-10	8.41E-07	0.00E+00	0.00E+00	2.95E-05
1604	ALL	462759.5	3772955	NonCancer	0.00E+00	7.52E-09	0.00E+00	5.32E-10	5.32E-10	2.51E-07	3.02E-05	0.00E+00	2.32E-08	0.00E+00	5.32E-10	8.59E-07	0.00E+00	0.00E+00	3.02E-05
1605	ALL	462768.2	3772951	NonCancer	0.00E+00	7.68E-09	0.00E+00	5.43E-10	5.43E-10	2.56E-07	3.09E-05	0.00E+00	2.36E-08	0.00E+00	5.43E-10	8.76E-07	0.00E+00	0.00E+00	3.09E-05
1606	ALL	462777	3772948	NonCancer	0.00E+00	7.83E-09	0.00E+00	5.54E-10	5.54E-10	2.61E-07	3.15E-05	0.00E+00	2.41E-08	0.00E+00	5.54E-10	8.94E-07	0.00E+00	0.00E+00	3.15E-05
1607	ALL	462785.8	3772944	NonCancer	0.00E+00	7.99E-09	0.00E+00	5.64E-10	5.64E-10	2.66E-07	3.22E-05	0.00E+00	2.46E-08	0.00E+00	5.64E-10	9.12E-07	0.00E+00	0.00E+00	3.22E-05
1608	ALL	462794.6	3772940	NonCancer	0.00E+00	8.14E-09	0.00E+00	5.75E-10	5.75E-10	2.71E-07	3.28E-05	0.00E+00	2.51E-08	0.00E+00	5.75E-10	9.29E-07	0.00E+00	0.00E+00	3.28E-05
1609	ALL	462803.4	3772937	NonCancer	0.00E+00	8.28E-09	0.00E+00	5.85E-10	5.85E-10	2.76E-07	3.35E-05	0.00E+00	2.55E-08	0.00E+00	5.85E-10	9.45E-07	0.00E+00	0.00E+00	3.35E-05
1610	ALL	462812.1	3772933	NonCancer	0.00E+00	8.42E-09	0.00E+00	5.95E-10	5.95E-10	2.81E-07	3.40E-05	0.00E+00	2.59E-08	0.00E+00	5.95E-10	9.61E-07	0.00E+00	0.00E+00	3.40E-05
1611	ALL	462820.9	3772929	NonCancer	0.00E+00	8.55E-09	0.00E+00	6.04E-10	6.04E-10	2.85E-07	3.46E-05	0.00E+00	2.63E-08	0.00E+00	6.04E-10	9.76E-07	0.00E+00	0.00E+00	3.46E-05
1612	ALL	462829.7	3772926	NonCancer	0.00E+00	8.68E-09	0.00E+00	6.13E-10	6.13E-10	2.89E-07	3.51E-05	0.00E+00	2.67E-08	0.00E+00	6.13E-10	9.90E-07	0.00E+00	0.00E+00	3.51E-05
1613	ALL	462838.5	3772922	NonCancer	0.00E+00	8.79E-09	0.00E+00	6.21E-10	6.21E-10	2.93E-07	3.55E-05	0.00E+00	2.71E-08	0.00E+00	6.21E-10	1.00E-06	0.00E+00	0.00E+00	3.55E-05
1614	ALL	462847.2	3772918	NonCancer	0.00E+00	8.90E-09	0.00E+00	6.29E-10	6.29E-10	2.97E-07	3.59E-05	0.00E+00	2.74E-08	0.00E+00	6.29E-10	1.02E-06	0.00E+00	0.00E+00	3.59E-05
1615	ALL	462856	3772915	NonCancer	0.00E+00	8.99E-09	0.00E+00	6.35E-10	6.35E-10	3.00E-07	3.62E-05	0.00E+00	2.77E-08	0.00E+00	6.35E-10	1.03E-06	0.00E+00	0.00E+00	3.62E-05
1616	ALL	462864.8	3772911	NonCancer	0.00E+00	9.07E-09	0.00E+00	6.41E-10	6.41E-10	3.03E-07	3.65E-05	0.00E+00	2.79E-08	0.00E+00	6.41E-10	1.04E-06	0.00E+00	0.00E+00	3.65E-05
1617	ALL	462873.6	3772907	NonCancer	0.00E+00	9.14E-09	0.00E+00	6.46E-10	6.46E-10	3.05E-07	3.67E-05	0.00E+00	2.81E-08	0.00E+00	6.46E-10	1.04E-06	0.00E+00	0.00E+00	3.67E-05
1618	ALL	462882.4	3772904	NonCancer	0.00E+00	9.20E-09	0.00E+00	6.50E-10	6.50E-10	3.07E-07	3.69E-05	0.00E+00	2.83E-08	0.00E+00	6.50E-10	1.05E-06	0.00E+00	0.00E+00	3.69E-05

1619	ALL	462891.1	3772900	NonCancer	0.00E+00	9.25E-09	0.00E+00	6.53E-10	6.53E-10	3.08E-07	3.70E-05	0.00E+00	2.85E-08	0.00E+00	6.53E-10	1.06E-06	0.00E+00	0.00E+00	3.70E-05
1620	ALL	462658	3773151	NonCancer	0.00E+00	6.66E-09	0.00E+00	4.71E-10	4.71E-10	2.22E-07	2.63E-05	0.00E+00	2.05E-08	0.00E+00	4.71E-10	7.60E-07	0.00E+00	0.00E+00	2.63E-05
1621	ALL	462658.1	3773161	NonCancer	0.00E+00	6.69E-09	0.00E+00	4.73E-10	4.73E-10	2.23E-07	2.64E-05	0.00E+00	2.06E-08	0.00E+00	4.73E-10	7.64E-07	0.00E+00	0.00E+00	2.64E-05
1622	ALL	462658.2	3773171	NonCancer	0.00E+00	6.71E-09	0.00E+00	4.74E-10	4.74E-10	2.24E-07	2.64E-05	0.00E+00	2.07E-08	0.00E+00	4.74E-10	7.66E-07	0.00E+00	0.00E+00	2.64E-05
1623	ALL	462658.3	3773181	NonCancer	0.00E+00	6.73E-09	0.00E+00	4.76E-10	4.76E-10	2.24E-07	2.64E-05	0.00E+00	2.07E-08	0.00E+00	4.76E-10	7.68E-07	0.00E+00	0.00E+00	2.64E-05
1624	ALL	462658.4	3773191	NonCancer	0.00E+00	6.74E-09	0.00E+00	4.76E-10	4.76E-10	2.25E-07	2.64E-05	0.00E+00	2.07E-08	0.00E+00	4.76E-10	7.69E-07	0.00E+00	0.00E+00	2.64E-05
1625	ALL	462658.5	3773201	NonCancer	0.00E+00	6.74E-09	0.00E+00	4.76E-10	4.76E-10	2.25E-07	2.64E-05	0.00E+00	2.07E-08	0.00E+00	4.76E-10	7.69E-07	0.00E+00	0.00E+00	2.64E-05
1626	ALL	462658.6	3773211	NonCancer	0.00E+00	6.74E-09	0.00E+00	4.76E-10	4.76E-10	2.25E-07	2.63E-05	0.00E+00	2.07E-08	0.00E+00	4.76E-10	7.69E-07	0.00E+00	0.00E+00	2.63E-05
1627	ALL	462658.7	3773221	NonCancer	0.00E+00	6.73E-09	0.00E+00	4.76E-10	4.76E-10	2.25E-07	2.63E-05	0.00E+00	2.07E-08	0.00E+00	4.76E-10	7.69E-07	0.00E+00	0.00E+00	2.63E-05
1628	ALL	462658.7	3773231	NonCancer	0.00E+00	6.73E-09	0.00E+00	4.75E-10	4.75E-10	2.24E-07	2.62E-05	0.00E+00	2.07E-08	0.00E+00	4.75E-10	7.68E-07	0.00E+00	0.00E+00	2.62E-05
1629	ALL	462658.8	3773241	NonCancer	0.00E+00	6.71E-09	0.00E+00	4.74E-10	4.74E-10	2.24E-07	2.61E-05	0.00E+00	2.07E-08	0.00E+00	4.74E-10	7.66E-07	0.00E+00	0.00E+00	2.61E-05
1630	ALL	462641.7	3773142	NonCancer	0.00E+00	6.26E-09	0.00E+00	4.42E-10	4.42E-10	2.09E-07	2.45E-05	0.00E+00	1.93E-08	0.00E+00	4.42E-10	7.15E-07	0.00E+00	0.00E+00	2.45E-05
1631	ALL	462645.4	3773133	NonCancer	0.00E+00	6.32E-09	0.00E+00	4.46E-10	4.46E-10	2.11E-07	2.48E-05	0.00E+00	1.94E-08	0.00E+00	4.46E-10	7.21E-07	0.00E+00	0.00E+00	2.48E-05
1632	ALL	462649	3773124	NonCancer	0.00E+00	6.37E-09	0.00E+00	4.50E-10	4.50E-10	2.12E-07	2.50E-05	0.00E+00	1.96E-08	0.00E+00	4.50E-10	7.27E-07	0.00E+00	0.00E+00	2.50E-05
1633	ALL	462652.7	3773115	NonCancer	0.00E+00	6.42E-09	0.00E+00	4.54E-10	4.54E-10	2.14E-07	2.53E-05	0.00E+00	1.98E-08	0.00E+00	4.54E-10	7.33E-07	0.00E+00	0.00E+00	2.53E-05
1634	ALL	462656.4	3773106	NonCancer	0.00E+00	6.46E-09	0.00E+00	4.56E-10	4.56E-10	2.15E-07	2.55E-05	0.00E+00	1.99E-08	0.00E+00	4.56E-10	7.37E-07	0.00E+00	0.00E+00	2.55E-05
1635	ALL	462660.1	3773097	NonCancer	0.00E+00	6.50E-09	0.00E+00	4.59E-10	4.59E-10	2.17E-07	2.57E-05	0.00E+00	2.00E-08	0.00E+00	4.59E-10	7.42E-07	0.00E+00	0.00E+00	2.57E-05
1636	ALL	462663.8	3773088	NonCancer	0.00E+00	6.53E-09	0.00E+00	4.62E-10	4.62E-10	2.18E-07	2.58E-05	0.00E+00	2.01E-08	0.00E+00	4.62E-10	7.46E-07	0.00E+00	0.00E+00	2.58E-05
1637	ALL	462667.4	3773079	NonCancer	0.00E+00	6.56E-09	0.00E+00	4.64E-10	4.64E-10	2.19E-07	2.60E-05	0.00E+00	2.02E-08	0.00E+00	4.64E-10	7.49E-07	0.00E+00	0.00E+00	2.60E-05
1638	ALL	462671.1	3773070	NonCancer	0.00E+00	6.59E-09	0.00E+00	4.66E-10	4.66E-10	2.20E-07	2.61E-05	0.00E+00	2.03E-08	0.00E+00	4.66E-10	7.53E-07	0.00E+00	0.00E+00	2.61E-05
1639	ALL	462674.8	3773061	NonCancer	0.00E+00	6.62E-09	0.00E+00	4.68E-10	4.68E-10	2.21E-07	2.63E-05	0.00E+00	2.04E-08	0.00E+00	4.68E-10	7.55E-07	0.00E+00	0.00E+00	2.63E-05
1640	ALL	462678.5	3773052	NonCancer	0.00E+00	6.64E-09	0.00E+00	4.69E-10	4.69E-10	2.21E-07	2.64E-05	0.00E+00	2.04E-08	0.00E+00	4.69E-10	7.58E-07	0.00E+00	0.00E+00	2.64E-05
1641	ALL	462682.1	3773043	NonCancer	0.00E+00	6.65E-09	0.00E+00	4.70E-10	4.70E-10	2.22E-07	2.64E-05	0.00E+00	2.05E-08	0.00E+00	4.70E-10	7.59E-07	0.00E+00	0.00E+00	2.64E-05
1642	ALL	462685.8	3773034	NonCancer	0.00E+00	6.66E-09	0.00E+00	4.71E-10	4.71E-10	2.22E-07	2.65E-05	0.00E+00	2.05E-08	0.00E+00	4.71E-10	7.60E-07	0.00E+00	0.00E+00	2.65E-05
1643	ALL	462689.5	3773024	NonCancer	0.00E+00	6.67E-09	0.00E+00	4.71E-10	4.71E-10	2.22E-07	2.65E-05	0.00E+00	2.05E-08	0.00E+00	4.71E-10	7.61E-07	0.00E+00	0.00E+00	2.65E-05
1644	ALL	462693.2	3773015	NonCancer	0.00E+00	6.67E-09	0.00E+00	4.71E-10	4.71E-10	2.23E-07	2.65E-05	0.00E+00	2.05E-08	0.00E+00	4.71E-10	7.62E-07	0.00E+00	0.00E+00	2.65E-05
1645	ALL	462696.8	3773006	NonCancer	0.00E+00	6.67E-09	0.00E+00	4.71E-10	4.71E-10	2.23E-07	2.65E-05	0.00E+00	2.05E-08	0.00E+00	4.71E-10	7.62E-07	0.00E+00	0.00E+00	2.65E-05
1646	ALL	462700.5	3772997	NonCancer	0.00E+00	6.67E-09	0.00E+00	4.71E-10	4.71E-10	2.22E-07	2.65E-05	0.00E+00	2.05E-08	0.00E+00	4.71E-10	7.61E-07	0.00E+00	0.00E+00	2.65E-05
1647	ALL	462704.2	3772988	NonCancer	0.00E+00	6.66E-09	0.00E+00	4.70E-10	4.70E-10	2.22E-07	2.64E-05	0.00E+00	2.05E-08	0.00E+00	4.70E-10	7.60E-07	0.00E+00	0.00E+00	2.64E-05
1648	ALL	462707.9	3772979	NonCancer	0.00E+00	6.64E-09	0.00E+00	4.69E-10	4.69E-10	2.22E-07	2.64E-05	0.00E+00	2.05E-08	0.00E+00	4.69E-10	7.58E-07	0.00E+00	0.00E+00	2.64E-05
1649	ALL	462711.6	3772970	NonCancer	0.00E+00	6.63E-09	0.00E+00	4.68E-10	4.68E-10	2.21E-07	2.63E-05	0.00E+00	2.04E-08	0.00E+00	4.68E-10	7.56E-07	0.00E+00	0.00E+00	2.63E-05
1650	ALL	462715.2	3772961	NonCancer	0.00E+00	6.60E-09	0.00E+00	4.67E-10	4.67E-10	2.20E-07	2.61E-05	0.00E+00	2.03E-08	0.00E+00	4.67E-10	7.54E-07	0.00E+00	0.00E+00	2.61E-05
1651	ALL	462727.9	3772948	NonCancer	0.00E+00	6.72E-09	0.00E+00	4.75E-10	4.75E-10	2.24E-07	2.66E-05	0.00E+00	2.07E-08	0.00E+00	4.75E-10	7.67E-07	0.00E+00	0.00E+00	2.66E-05
1652	ALL	462737	3772944	NonCancer	0.00E+00	6.86E-09	0.00E+00	4.85E-10	4.85E-10	2.29E-07	2.72E-05	0.00E+00	2.11E-08	0.00E+00	4.85E-10	7.83E-07	0.00E+00	0.00E+00	2.72E-05
1653	ALL	462746	3772941	NonCancer	0.00E+00	7.00E-09	0.00E+00	4.95E-10	4.95E-10	2.34E-07	2.78E-05	0.00E+00	2.16E-08	0.00E+00	4.95E-10	7.99E-07	0.00E+00	0.00E+00	2.78E-05
1654	ALL	462755	3772937	NonCancer	0.00E+00	7.15E-09	0.00E+00	5.05E-10	5.05E-10	2.38E-07	2.84E-05	0.00E+00	2.20E-08	0.00E+00	5.05E-10	8.16E-07	0.00E+00	0.00E+00	2.84E-05
1655	ALL	462764	3772933	NonCancer	0.00E+00	7.28E-09	0.00E+00	5.15E-10	5.15E-10	2.43E-07	2.90E-05	0.00E+00	2.24E-08	0.00E+00	5.15E-10	8.31E-07	0.00E+00	0.00E+00	2.90E-05
1656	ALL	462773	3772929	NonCancer	0.00E+00	7.42E-09	0.00E+00	5.24E-10	5.24E-10	2.48E-07	2.96E-05	0.00E+00	2.29E-08	0.00E+00	5.24E-10	8.47E-07	0.00E+00	0.00E+00	2.96E-05
1657	ALL	462782.1	3772926	NonCancer	0.00E+00	7.56E-09	0.00E+00	5.34E-10	5.34E-10	2.52E-07	3.02E-05	0.00E+00	2.33E-08	0.00E+00	5.34E-10	8.63E-07	0.00E+00	0.00E+00	3.02E-05
1658	ALL	462791.1	3772922	NonCancer	0.00E+00	7.69E-09	0.00E+00	5.43E-10	5.43E-10	2.56E-07	3.07E-05	0.00E+00	2.37E-08	0.00E+00	5.43E-10	8.78E-07	0.00E+00	0.00E+00	3.07E-05
1659	ALL	462800.1	3772918	NonCancer	0.00E+00	7.81E-09	0.00E+00	5.52E-10	5.52E-10	2.61E-07	3.12E-05	0.00E+00	2.41E-08	0.00E+00	5.52E-10	8.92E-07	0.00E+00	0.00E+00	3.12E-05
1660	ALL	462809.1	3772914	NonCancer	0.00E+00	7.93E-09	0.00E+00	5.61E-10	5.61E-10	2.65E-07	3.17E-05	0.00E+00	2.44E-08	0.00E+00	5.61E-10	9.06E-07	0.00E+00	0.00E+00	3.17E-05
1661	ALL	462818.2	3772910	NonCancer	0.00E+00	8.05E-09	0.00E+00	5.69E-10	5.69E-10	2.68E-07	3.22E-05	0.00E+00	2.48E-08	0.00E+00	5.69E-10	9.19E-07	0.00E+00	0.00E+00	3.22E-05
1662	ALL	462827.2	3772907	NonCancer	0.00E+00	8.15E-09	0.00E+00	5.76E-10	5.76E-10	2.72E-07	3.26E-05	0.00E+00	2.51E-08	0.00E+00	5.76E-10	9.31E-07	0.00E+00	0.00E+00	3.26E-05
1663	ALL	462836.2	3772903	NonCancer	0.00E+00	8.25E-09	0.00E+00	5.83E-10	5.83E-10	2.75E-07	3.30E-05	0.00E+00	2.54E-08	0.00E+00	5.83E-10	9.42E-07	0.00E+00	0.00E+00	3.30E-05
1664	ALL	462845.2	3772899	NonCancer	0.00E+00	8.34E-09	0.00E+00	5.89E-10	5.89E-10	2.78E-07	3.33E-05	0.00E+00	2.57E-08	0.00E+00	5.89E-10	9.52E-07	0.00E+00	0.00E+00	3.33E-05
1665	ALL	462638	3773151	NonCancer	0.00E+00	6.20E-09	0.00E+00	4.38E-10	4.38E-10	2.07E-07	2.42E-05	0.00E+00	1.91E-08	0.00E+00	4.38E-10	7.08E-07	0.00E+00	0.00E+00	2.42E-05
1666	ALL	462638.1	3773161	NonCancer	0.00E+00	6.23E-09	0.00E+00	4.40E-10	4.40E-10	2.08E-07	2.43E-05	0.00E+00	1.92E-08	0.00E+00	4.40E-10	7.11E-07	0.00E+00	0.00E+00	2.43E-05
1667	ALL	462638.2	3773171	NonCancer	0.00E+00	6.25E-09	0.00E+00	4.41E-10	4.41E-10	2.08E-07	2.44E-05	0.00E+00	1.92E-08	0.00E+00	4.41E-10	7.13E-07	0.00E+00	0.00E+00	2.44E-05
1668	ALL	462638.3	3773181	NonCancer	0.00E+00	6.26E-09	0.00E+00	4.42E-10	4.42E-10	2.09E-07	2.44E-05	0.00E+00	1.93E-08	0.00E+00	4.42E-10	7.15E-07	0.00E+00	0.00E+00	2.44E-05
1669	ALL	462638.4	3773191	NonCancer	0.00E+00	6.27E-09	0.00E+00	4.43E-10	4.43E-10	2.09E-07	2.44E-05	0.00E+00	1.93E-08	0.00E+00	4.43E-10	7.15E-07	0.00E+00	0.00E+00	2.44E-05
1670	ALL	462638.5	3773201	NonCancer	0.00E+00	6.27E-09	0.00E+00	4.43E-10	4.43E-10	2.09E-07	2.44E-05	0.00E+00	1.93E-08	0.00E+00	4.43E-10	7.16E-07	0.00E+00	0.00E+00	2.44E-05
1671	ALL	462638.6	3773211	NonCancer	0.00E+00	6.27E-09	0.00E+00	4.43E-10	4.43E-10	2.09E-07	2.43E-05	0.00E+00	1.93E-08	0.00E+00	4.43E-10	7.15E-07	0.00E+00	0.00E+00	2.43E-05
1672	ALL	462638.7	3773221	NonCancer	0.00E+00	6.27E-09	0.00E+00	4.43E-10	4.43E-10	2.09E-07	2.43E-05	0.00E+00	1.93E-08	0.00E+00	4.43E-10	7.15E-07	0.00E+00	0.00E+00	2.43E-05

1673	ALL	462638.7	3773231	NonCancer	0.00E+00	6.26E-09	0.00E+00	4.42E-10	4.42E-10	2.09E-07	2.42E-05	0.00E+00	1.93E-08	0.00E+00	4.42E-10	7.14E-07	0.00E+00	0.00E+00	2.42E-05
1674	ALL	462638.8	3773241	NonCancer	0.00E+00	6.25E-09	0.00E+00	4.41E-10	4.41E-10	2.08E-07	2.41E-05	0.00E+00	1.92E-08	0.00E+00	4.41E-10	7.13E-07	0.00E+00	0.00E+00	2.41E-05
1675	ALL	462628.9	3773125	NonCancer	0.00E+00	5.95E-09	0.00E+00	4.20E-10	4.20E-10	1.98E-07	2.32E-05	0.00E+00	1.83E-08	0.00E+00	4.20E-10	6.79E-07	0.00E+00	0.00E+00	2.32E-05
1676	ALL	462632.5	3773116	NonCancer	0.00E+00	5.99E-09	0.00E+00	4.23E-10	4.23E-10	2.00E-07	2.34E-05	0.00E+00	1.84E-08	0.00E+00	4.23E-10	6.84E-07	0.00E+00	0.00E+00	2.34E-05
1677	ALL	462636.1	3773107	NonCancer	0.00E+00	6.03E-09	0.00E+00	4.26E-10	4.26E-10	2.01E-07	2.36E-05	0.00E+00	1.86E-08	0.00E+00	4.26E-10	6.88E-07	0.00E+00	0.00E+00	2.36E-05
1678	ALL	462639.7	3773098	NonCancer	0.00E+00	6.06E-09	0.00E+00	4.28E-10	4.28E-10	2.02E-07	2.37E-05	0.00E+00	1.87E-08	0.00E+00	4.28E-10	6.92E-07	0.00E+00	0.00E+00	2.37E-05
1679	ALL	462643.3	3773089	NonCancer	0.00E+00	6.09E-09	0.00E+00	4.31E-10	4.31E-10	2.03E-07	2.39E-05	0.00E+00	1.88E-08	0.00E+00	4.31E-10	6.96E-07	0.00E+00	0.00E+00	2.39E-05
1680	ALL	462646.9	3773080	NonCancer	0.00E+00	6.13E-09	0.00E+00	4.33E-10	4.33E-10	2.04E-07	2.41E-05	0.00E+00	1.89E-08	0.00E+00	4.33E-10	6.99E-07	0.00E+00	0.00E+00	2.41E-05
1681	ALL	462650.5	3773071	NonCancer	0.00E+00	6.15E-09	0.00E+00	4.35E-10	4.35E-10	2.05E-07	2.42E-05	0.00E+00	1.89E-08	0.00E+00	4.35E-10	7.02E-07	0.00E+00	0.00E+00	2.42E-05
1682	ALL	462654.1	3773063	NonCancer	0.00E+00	6.18E-09	0.00E+00	4.37E-10	4.37E-10	2.06E-07	2.43E-05	0.00E+00	1.90E-08	0.00E+00	4.37E-10	7.05E-07	0.00E+00	0.00E+00	2.43E-05
1683	ALL	462657.7	3773054	NonCancer	0.00E+00	6.20E-09	0.00E+00	4.38E-10	4.38E-10	2.07E-07	2.44E-05	0.00E+00	1.91E-08	0.00E+00	4.38E-10	7.08E-07	0.00E+00	0.00E+00	2.44E-05
1684	ALL	462661.4	3773045	NonCancer	0.00E+00	6.22E-09	0.00E+00	4.39E-10	4.39E-10	2.07E-07	2.45E-05	0.00E+00	1.91E-08	0.00E+00	4.39E-10	7.09E-07	0.00E+00	0.00E+00	2.45E-05
1685	ALL	462665	3773036	NonCancer	0.00E+00	6.23E-09	0.00E+00	4.40E-10	4.40E-10	2.08E-07	2.45E-05	0.00E+00	1.92E-08	0.00E+00	4.40E-10	7.11E-07	0.00E+00	0.00E+00	2.45E-05
1686	ALL	462668.6	3773027	NonCancer	0.00E+00	6.24E-09	0.00E+00	4.41E-10	4.41E-10	2.08E-07	2.46E-05	0.00E+00	1.92E-08	0.00E+00	4.41E-10	7.12E-07	0.00E+00	0.00E+00	2.46E-05
1687	ALL	462672.2	3773018	NonCancer	0.00E+00	6.24E-09	0.00E+00	4.41E-10	4.41E-10	2.08E-07	2.46E-05	0.00E+00	1.92E-08	0.00E+00	4.41E-10	7.13E-07	0.00E+00	0.00E+00	2.46E-05
1688	ALL	462675.8	3773009	NonCancer	0.00E+00	6.25E-09	0.00E+00	4.42E-10	4.42E-10	2.08E-07	2.46E-05	0.00E+00	1.92E-08	0.00E+00	4.42E-10	7.13E-07	0.00E+00	0.00E+00	2.46E-05
1689	ALL	462679.4	3773000	NonCancer	0.00E+00	6.25E-09	0.00E+00	4.42E-10	4.42E-10	2.08E-07	2.46E-05	0.00E+00	1.92E-08	0.00E+00	4.42E-10	7.14E-07	0.00E+00	0.00E+00	2.46E-05
1690	ALL	462683	3772991	NonCancer	0.00E+00	6.25E-09	0.00E+00	4.42E-10	4.42E-10	2.08E-07	2.46E-05	0.00E+00	1.92E-08	0.00E+00	4.42E-10	7.13E-07	0.00E+00	0.00E+00	2.46E-05
1691	ALL	462686.6	3772982	NonCancer	0.00E+00	6.24E-09	0.00E+00	4.41E-10	4.41E-10	2.08E-07	2.46E-05	0.00E+00	1.92E-08	0.00E+00	4.41E-10	7.12E-07	0.00E+00	0.00E+00	2.46E-05
1692	ALL	462690.2	3772974	NonCancer	0.00E+00	6.23E-09	0.00E+00	4.40E-10	4.40E-10	2.08E-07	2.45E-05	0.00E+00	1.92E-08	0.00E+00	4.40E-10	7.11E-07	0.00E+00	0.00E+00	2.45E-05
1693	ALL	462693.9	3772965	NonCancer	0.00E+00	6.22E-09	0.00E+00	4.39E-10	4.39E-10	2.07E-07	2.44E-05	0.00E+00	1.91E-08	0.00E+00	4.39E-10	7.10E-07	0.00E+00	0.00E+00	2.44E-05
1694	ALL	462697.5	3772956	NonCancer	0.00E+00	6.20E-09	0.00E+00	4.38E-10	4.38E-10	2.07E-07	2.44E-05	0.00E+00	1.91E-08	0.00E+00	4.38E-10	7.08E-07	0.00E+00	0.00E+00	2.44E-05
1695	ALL	462701.1	3772947	NonCancer	0.00E+00	6.18E-09	0.00E+00	4.37E-10	4.37E-10	2.06E-07	2.43E-05	0.00E+00	1.90E-08	0.00E+00	4.37E-10	7.06E-07	0.00E+00	0.00E+00	2.43E-05
1696	ALL	462713.5	3772934	NonCancer	0.00E+00	6.28E-09	0.00E+00	4.44E-10	4.44E-10	2.10E-07	2.47E-05	0.00E+00	1.93E-08	0.00E+00	4.44E-10	7.17E-07	0.00E+00	0.00E+00	2.47E-05
1697	ALL	462722.4	3772930	NonCancer	0.00E+00	6.41E-09	0.00E+00	4.53E-10	4.53E-10	2.14E-07	2.52E-05	0.00E+00	1.97E-08	0.00E+00	4.53E-10	7.31E-07	0.00E+00	0.00E+00	2.52E-05
1698	ALL	462731.3	3772927	NonCancer	0.00E+00	6.53E-09	0.00E+00	4.61E-10	4.61E-10	2.18E-07	2.57E-05	0.00E+00	2.01E-08	0.00E+00	4.61E-10	7.45E-07	0.00E+00	0.00E+00	2.57E-05
1699	ALL	462740.1	3772923	NonCancer	0.00E+00	6.65E-09	0.00E+00	4.70E-10	4.70E-10	2.22E-07	2.62E-05	0.00E+00	2.05E-08	0.00E+00	4.70E-10	7.59E-07	0.00E+00	0.00E+00	2.62E-05
1700	ALL	462749	3772919	NonCancer	0.00E+00	6.77E-09	0.00E+00	4.79E-10	4.79E-10	2.26E-07	2.67E-05	0.00E+00	2.09E-08	0.00E+00	4.79E-10	7.73E-07	0.00E+00	0.00E+00	2.67E-05
1701	ALL	462757.9	3772916	NonCancer	0.00E+00	6.89E-09	0.00E+00	4.87E-10	4.87E-10	2.30E-07	2.72E-05	0.00E+00	2.12E-08	0.00E+00	4.87E-10	7.87E-07	0.00E+00	0.00E+00	2.72E-05
1702	ALL	462766.7	3772912	NonCancer	0.00E+00	7.01E-09	0.00E+00	4.95E-10	4.95E-10	2.34E-07	2.77E-05	0.00E+00	2.16E-08	0.00E+00	4.95E-10	8.00E-07	0.00E+00	0.00E+00	2.77E-05
1703	ALL	462775.6	3772908	NonCancer	0.00E+00	7.13E-09	0.00E+00	5.04E-10	5.04E-10	2.38E-07	2.82E-05	0.00E+00	2.19E-08	0.00E+00	5.04E-10	8.14E-07	0.00E+00	0.00E+00	2.82E-05
1704	ALL	462784.4	3772905	NonCancer	0.00E+00	7.24E-09	0.00E+00	5.12E-10	5.12E-10	2.41E-07	2.87E-05	0.00E+00	2.23E-08	0.00E+00	5.12E-10	8.26E-07	0.00E+00	0.00E+00	2.87E-05
1705	ALL	462793.3	3772901	NonCancer	0.00E+00	7.35E-09	0.00E+00	5.19E-10	5.19E-10	2.45E-07	2.91E-05	0.00E+00	2.26E-08	0.00E+00	5.19E-10	8.39E-07	0.00E+00	0.00E+00	2.91E-05
1706	ALL	462802.2	3772897	NonCancer	0.00E+00	7.45E-09	0.00E+00	5.27E-10	5.27E-10	2.48E-07	2.95E-05	0.00E+00	2.29E-08	0.00E+00	5.27E-10	8.50E-07	0.00E+00	0.00E+00	2.95E-05
1707	ALL	462890.8	3772860	NonCancer	0.00E+00	8.10E-09	0.00E+00	5.72E-10	5.72E-10	2.70E-07	3.15E-05	0.00E+00	2.49E-08	0.00E+00	5.72E-10	9.24E-07	0.00E+00	0.00E+00	3.15E-05
1708	ALL	462899.7	3772856	NonCancer	0.00E+00	8.12E-09	0.00E+00	5.74E-10	5.74E-10	2.71E-07	3.15E-05	0.00E+00	2.50E-08	0.00E+00	5.74E-10	9.26E-07	0.00E+00	0.00E+00	3.15E-05
1709	ALL	462908.5	3772853	NonCancer	0.00E+00	8.13E-09	0.00E+00	5.75E-10	5.75E-10	2.71E-07	3.15E-05	0.00E+00	2.50E-08	0.00E+00	5.75E-10	9.28E-07	0.00E+00	0.00E+00	3.15E-05
1710	ALL	462591.7	3773143	NonCancer	0.00E+00	5.32E-09	0.00E+00	3.76E-10	3.76E-10	1.77E-07	2.04E-05	0.00E+00	1.64E-08	0.00E+00	3.76E-10	6.07E-07	0.00E+00	0.00E+00	2.04E-05
1711	ALL	462595.4	3773134	NonCancer	0.00E+00	5.36E-09	0.00E+00	3.79E-10	3.79E-10	1.79E-07	2.06E-05	0.00E+00	1.65E-08	0.00E+00	3.79E-10	6.12E-07	0.00E+00	0.00E+00	2.06E-05
1712	ALL	462599	3773125	NonCancer	0.00E+00	5.40E-09	0.00E+00	3.82E-10	3.82E-10	1.80E-07	2.08E-05	0.00E+00	1.66E-08	0.00E+00	3.82E-10	6.17E-07	0.00E+00	0.00E+00	2.08E-05
1713	ALL	462602.7	3773116	NonCancer	0.00E+00	5.44E-09	0.00E+00	3.85E-10	3.85E-10	1.81E-07	2.10E-05	0.00E+00	1.68E-08	0.00E+00	3.85E-10	6.21E-07	0.00E+00	0.00E+00	2.10E-05
1714	ALL	462606.4	3773107	NonCancer	0.00E+00	5.48E-09	0.00E+00	3.87E-10	3.87E-10	1.83E-07	2.12E-05	0.00E+00	1.69E-08	0.00E+00	3.87E-10	6.25E-07	0.00E+00	0.00E+00	2.12E-05
1715	ALL	462628.4	3773052	NonCancer	0.00E+00	5.64E-09	0.00E+00	3.98E-10	3.98E-10	1.88E-07	2.19E-05	0.00E+00	1.74E-08	0.00E+00	3.98E-10	6.43E-07	0.00E+00	0.00E+00	2.19E-05
1716	ALL	462632	3773043	NonCancer	0.00E+00	5.65E-09	0.00E+00	3.99E-10	3.99E-10	1.89E-07	2.20E-05	0.00E+00	1.74E-08	0.00E+00	3.99E-10	6.45E-07	0.00E+00	0.00E+00	2.20E-05
1717	ALL	462635.7	3773034	NonCancer	0.00E+00	5.67E-09	0.00E+00	4.00E-10	4.00E-10	1.89E-07	2.21E-05	0.00E+00	1.74E-08	0.00E+00	4.00E-10	6.47E-07	0.00E+00	0.00E+00	2.21E-05
1718	ALL	462639.4	3773025	NonCancer	0.00E+00	5.68E-09	0.00E+00	4.01E-10	4.01E-10	1.89E-07	2.21E-05	0.00E+00	1.75E-08	0.00E+00	4.01E-10	6.48E-07	0.00E+00	0.00E+00	2.21E-05
1719	ALL	462643	3773016	NonCancer	0.00E+00	5.69E-09	0.00E+00	4.02E-10	4.02E-10	1.90E-07	2.22E-05	0.00E+00	1.75E-08	0.00E+00	4.02E-10	6.49E-07	0.00E+00	0.00E+00	2.22E-05
1720	ALL	462646.7	3773007	NonCancer	0.00E+00	5.70E-09	0.00E+00	4.02E-10	4.02E-10	1.90E-07	2.22E-05	0.00E+00	1.75E-08	0.00E+00	4.02E-10	6.50E-07	0.00E+00	0.00E+00	2.22E-05
1721	ALL	462650.4	3772998	NonCancer	0.00E+00	5.70E-09	0.00E+00	4.03E-10	4.03E-10	1.90E-07	2.22E-05	0.00E+00	1.76E-08	0.00E+00	4.03E-10	6.51E-07	0.00E+00	0.00E+00	2.22E-05
1722	ALL	462654	3772989	NonCancer	0.00E+00	5.70E-09	0.00E+00	4.03E-10	4.03E-10	1.90E-07	2.22E-05	0.00E+00	1.76E-08	0.00E+00	4.03E-10	6.51E-07	0.00E+00	0.00E+00	2.22E-05
1723	ALL	462657.7	3772980	NonCancer	0.00E+00	5.70E-09	0.00E+00	4.03E-10	4.03E-10	1.90E-07	2.22E-05	0.00E+00	1.75E-08	0.00E+00	4.03E-10	6.51E-07	0.00E+00	0.00E+00	2.22E-05
1724	ALL	462661.4	3772971	NonCancer	0.00E+00	5.69E-09	0.00E+00	4.02E-10	4.02E-10	1.90E-07	2.22E-05	0.00E+00	1.75E-08	0.00E+00	4.02E-10	6.50E-07	0.00E+00	0.00E+00	2.22E-05
1725	ALL	462665	3772962	NonCancer	0.00E+00	5.69E-09	0.00E+00	4.02E-10	4.02E-10	1.90E-07	2.21E-05	0.00E+00	1.75E-08	0.00E+00	4.02E-10	6.49E-07	0.00E+00	0.00E+00	2.21E-05
1726	ALL	462668.7	3772953	NonCancer	0.00E+00	5.68E-09	0.00E+00	4.01E-10	4.01E-10	1.89E-07	2.21E-05	0.00E+00	1.75E-08	0.00E+00	4.01E-10	6.48E-07	0.00E+00	0.00E+00	2.21E-05

1727	ALL	462672.4	3772944	NonCancer	0.00E+00	5.67E-09	0.00E+00	4.01E-10	4.01E-10	1.89E-07	2.20E-05	0.00E+00	1.75E-08	0.00E+00	4.01E-10	6.47E-07	0.00E+00	0.00E+00	2.20E-05
1728	ALL	462676	3772935	NonCancer	0.00E+00	5.66E-09	0.00E+00	4.00E-10	4.00E-10	1.89E-07	2.19E-05	0.00E+00	1.74E-08	0.00E+00	4.00E-10	6.46E-07	0.00E+00	0.00E+00	2.19E-05
1729	ALL	462679.7	3772926	NonCancer	0.00E+00	5.64E-09	0.00E+00	3.98E-10	3.98E-10	1.88E-07	2.19E-05	0.00E+00	1.74E-08	0.00E+00	3.98E-10	6.44E-07	0.00E+00	0.00E+00	2.19E-05
1730	ALL	462692.4	3772913	NonCancer	0.00E+00	5.72E-09	0.00E+00	4.04E-10	4.04E-10	1.91E-07	2.22E-05	0.00E+00	1.76E-08	0.00E+00	4.04E-10	6.53E-07	0.00E+00	0.00E+00	2.22E-05
1731	ALL	462701.4	3772909	NonCancer	0.00E+00	5.83E-09	0.00E+00	4.12E-10	4.12E-10	1.94E-07	2.26E-05	0.00E+00	1.79E-08	0.00E+00	4.12E-10	6.65E-07	0.00E+00	0.00E+00	2.26E-05
1732	ALL	462710.3	3772906	NonCancer	0.00E+00	5.93E-09	0.00E+00	4.19E-10	4.19E-10	1.98E-07	2.31E-05	0.00E+00	1.83E-08	0.00E+00	4.19E-10	6.77E-07	0.00E+00	0.00E+00	2.31E-05
1733	ALL	462719.3	3772902	NonCancer	0.00E+00	6.04E-09	0.00E+00	4.27E-10	4.27E-10	2.01E-07	2.35E-05	0.00E+00	1.86E-08	0.00E+00	4.27E-10	6.89E-07	0.00E+00	0.00E+00	2.35E-05
1734	ALL	462728.3	3772898	NonCancer	0.00E+00	6.14E-09	0.00E+00	4.34E-10	4.34E-10	2.05E-07	2.39E-05	0.00E+00	1.89E-08	0.00E+00	4.34E-10	7.01E-07	0.00E+00	0.00E+00	2.39E-05
1735	ALL	462737.3	3772894	NonCancer	0.00E+00	6.25E-09	0.00E+00	4.41E-10	4.41E-10	2.08E-07	2.44E-05	0.00E+00	1.92E-08	0.00E+00	4.41E-10	7.13E-07	0.00E+00	0.00E+00	2.44E-05
1736	ALL	462827.3	3772857	NonCancer	0.00E+00	7.12E-09	0.00E+00	5.03E-10	5.03E-10	2.37E-07	2.77E-05	0.00E+00	2.19E-08	0.00E+00	5.03E-10	8.12E-07	0.00E+00	0.00E+00	2.77E-05
1737	ALL	462836.3	3772853	NonCancer	0.00E+00	7.18E-09	0.00E+00	5.07E-10	5.07E-10	2.39E-07	2.79E-05	0.00E+00	2.21E-08	0.00E+00	5.07E-10	8.19E-07	0.00E+00	0.00E+00	2.79E-05
1738	ALL	462845.3	3772849	NonCancer	0.00E+00	7.23E-09	0.00E+00	5.11E-10	5.11E-10	2.41E-07	2.80E-05	0.00E+00	2.23E-08	0.00E+00	5.11E-10	8.25E-07	0.00E+00	0.00E+00	2.80E-05
1739	ALL	462854.3	3772845	NonCancer	0.00E+00	7.28E-09	0.00E+00	5.14E-10	5.14E-10	2.43E-07	2.82E-05	0.00E+00	2.24E-08	0.00E+00	5.14E-10	8.30E-07	0.00E+00	0.00E+00	2.82E-05
1740	ALL	462863.3	3772841	NonCancer	0.00E+00	7.32E-09	0.00E+00	5.17E-10	5.17E-10	2.44E-07	2.83E-05	0.00E+00	2.25E-08	0.00E+00	5.17E-10	8.35E-07	0.00E+00	0.00E+00	2.83E-05
1741	ALL	462872.3	3772838	NonCancer	0.00E+00	7.35E-09	0.00E+00	5.20E-10	5.20E-10	2.45E-07	2.83E-05	0.00E+00	2.26E-08	0.00E+00	5.20E-10	8.39E-07	0.00E+00	0.00E+00	2.83E-05
1742	ALL	462881.3	3772834	NonCancer	0.00E+00	7.38E-09	0.00E+00	5.22E-10	5.22E-10	2.46E-07	2.83E-05	0.00E+00	2.27E-08	0.00E+00	5.22E-10	8.43E-07	0.00E+00	0.00E+00	2.83E-05
1743	ALL	462890.3	3772830	NonCancer	0.00E+00	7.41E-09	0.00E+00	5.23E-10	5.23E-10	2.47E-07	2.83E-05	0.00E+00	2.28E-08	0.00E+00	5.23E-10	8.45E-07	0.00E+00	0.00E+00	2.83E-05
1744	ALL	462899.3	3772826	NonCancer	0.00E+00	7.42E-09	0.00E+00	5.25E-10	5.25E-10	2.48E-07	2.83E-05	0.00E+00	2.29E-08	0.00E+00	5.25E-10	8.47E-07	0.00E+00	0.00E+00	2.83E-05
1745	ALL	462588	3773152	NonCancer	0.00E+00	5.27E-09	0.00E+00	3.73E-10	3.73E-10	1.76E-07	2.02E-05	0.00E+00	1.62E-08	0.00E+00	3.73E-10	6.02E-07	0.00E+00	0.00E+00	2.02E-05
1746	ALL	462588.1	3773162	NonCancer	0.00E+00	5.29E-09	0.00E+00	3.74E-10	3.74E-10	1.76E-07	2.03E-05	0.00E+00	1.63E-08	0.00E+00	3.74E-10	6.04E-07	0.00E+00	0.00E+00	2.03E-05
1747	ALL	462588.2	3773172	NonCancer	0.00E+00	5.30E-09	0.00E+00	3.75E-10	3.75E-10	1.77E-07	2.03E-05	0.00E+00	1.63E-08	0.00E+00	3.75E-10	6.05E-07	0.00E+00	0.00E+00	2.03E-05
1748	ALL	462588.3	3773182	NonCancer	0.00E+00	5.31E-09	0.00E+00	3.75E-10	3.75E-10	1.77E-07	2.03E-05	0.00E+00	1.64E-08	0.00E+00	3.75E-10	6.07E-07	0.00E+00	0.00E+00	2.03E-05
1749	ALL	462588.4	3773192	NonCancer	0.00E+00	5.32E-09	0.00E+00	3.76E-10	3.76E-10	1.77E-07	2.03E-05	0.00E+00	1.64E-08	0.00E+00	3.76E-10	6.07E-07	0.00E+00	0.00E+00	2.03E-05
1750	ALL	462588.5	3773202	NonCancer	0.00E+00	5.32E-09	0.00E+00	3.76E-10	3.76E-10	1.77E-07	2.03E-05	0.00E+00	1.64E-08	0.00E+00	3.76E-10	6.07E-07	0.00E+00	0.00E+00	2.03E-05
1751	ALL	462588.6	3773212	NonCancer	0.00E+00	5.32E-09	0.00E+00	3.76E-10	3.76E-10	1.77E-07	2.02E-05	0.00E+00	1.64E-08	0.00E+00	3.76E-10	6.07E-07	0.00E+00	0.00E+00	2.02E-05
1752	ALL	462588.7	3773222	NonCancer	0.00E+00	5.32E-09	0.00E+00	3.76E-10	3.76E-10	1.77E-07	2.02E-05	0.00E+00	1.64E-08	0.00E+00	3.76E-10	6.07E-07	0.00E+00	0.00E+00	2.02E-05
1753	ALL	462588.7	3773232	NonCancer	0.00E+00	5.32E-09	0.00E+00	3.76E-10	3.76E-10	1.77E-07	2.02E-05	0.00E+00	1.64E-08	0.00E+00	3.76E-10	6.07E-07	0.00E+00	0.00E+00	2.02E-05
1754	ALL	462588.8	3773241	NonCancer	0.00E+00	5.31E-09	0.00E+00	3.75E-10	3.75E-10	1.77E-07	2.01E-05	0.00E+00	1.63E-08	0.00E+00	3.75E-10	6.06E-07	0.00E+00	0.00E+00	2.01E-05
1755	ALL	462561.7	3773143	NonCancer	0.00E+00	4.87E-09	0.00E+00	3.44E-10	3.44E-10	1.62E-07	1.85E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.55E-07	0.00E+00	0.00E+00	1.85E-05
1756	ALL	462565.4	3773134	NonCancer	0.00E+00	4.90E-09	0.00E+00	3.47E-10	3.47E-10	1.64E-07	1.87E-05	0.00E+00	1.51E-08	0.00E+00	3.47E-10	5.60E-07	0.00E+00	0.00E+00	1.87E-05
1757	ALL	462569.2	3773125	NonCancer	0.00E+00	4.94E-09	0.00E+00	3.49E-10	3.49E-10	1.65E-07	1.88E-05	0.00E+00	1.52E-08	0.00E+00	3.49E-10	5.64E-07	0.00E+00	0.00E+00	1.88E-05
1758	ALL	462572.9	3773116	NonCancer	0.00E+00	4.98E-09	0.00E+00	3.52E-10	3.52E-10	1.66E-07	1.90E-05	0.00E+00	1.53E-08	0.00E+00	3.52E-10	5.68E-07	0.00E+00	0.00E+00	1.90E-05
1759	ALL	462576.6	3773106	NonCancer	0.00E+00	5.01E-09	0.00E+00	3.54E-10	3.54E-10	1.67E-07	1.91E-05	0.00E+00	1.54E-08	0.00E+00	3.54E-10	5.72E-07	0.00E+00	0.00E+00	1.91E-05
1760	ALL	462580.3	3773097	NonCancer	0.00E+00	5.04E-09	0.00E+00	3.56E-10	3.56E-10	1.68E-07	1.93E-05	0.00E+00	1.55E-08	0.00E+00	3.56E-10	5.75E-07	0.00E+00	0.00E+00	1.93E-05
1761	ALL	462584	3773088	NonCancer	0.00E+00	5.06E-09	0.00E+00	3.58E-10	3.58E-10	1.69E-07	1.94E-05	0.00E+00	1.56E-08	0.00E+00	3.58E-10	5.78E-07	0.00E+00	0.00E+00	1.94E-05
1762	ALL	462587.7	3773079	NonCancer	0.00E+00	5.09E-09	0.00E+00	3.60E-10	3.60E-10	1.70E-07	1.95E-05	0.00E+00	1.57E-08	0.00E+00	3.60E-10	5.81E-07	0.00E+00	0.00E+00	1.95E-05
1763	ALL	462591.4	3773070	NonCancer	0.00E+00	5.11E-09	0.00E+00	3.61E-10	3.61E-10	1.71E-07	1.96E-05	0.00E+00	1.57E-08	0.00E+00	3.61E-10	5.84E-07	0.00E+00	0.00E+00	1.96E-05
1764	ALL	462595.2	3773061	NonCancer	0.00E+00	5.14E-09	0.00E+00	3.63E-10	3.63E-10	1.71E-07	1.97E-05	0.00E+00	1.58E-08	0.00E+00	3.63E-10	5.86E-07	0.00E+00	0.00E+00	1.97E-05
1765	ALL	462598.9	3773051	NonCancer	0.00E+00	5.16E-09	0.00E+00	3.64E-10	3.64E-10	1.72E-07	1.98E-05	0.00E+00	1.59E-08	0.00E+00	3.64E-10	5.89E-07	0.00E+00	0.00E+00	1.98E-05
1766	ALL	462602.6	3773042	NonCancer	0.00E+00	5.17E-09	0.00E+00	3.66E-10	3.66E-10	1.73E-07	1.99E-05	0.00E+00	1.59E-08	0.00E+00	3.66E-10	5.90E-07	0.00E+00	0.00E+00	1.99E-05
1767	ALL	462606.3	3773033	NonCancer	0.00E+00	5.19E-09	0.00E+00	3.67E-10	3.67E-10	1.73E-07	2.00E-05	0.00E+00	1.60E-08	0.00E+00	3.67E-10	5.92E-07	0.00E+00	0.00E+00	2.00E-05
1768	ALL	462628.6	3772978	NonCancer	0.00E+00	5.23E-09	0.00E+00	3.70E-10	3.70E-10	1.74E-07	2.02E-05	0.00E+00	1.61E-08	0.00E+00	3.70E-10	5.97E-07	0.00E+00	0.00E+00	2.02E-05
1769	ALL	462632.3	3772969	NonCancer	0.00E+00	5.23E-09	0.00E+00	3.70E-10	3.70E-10	1.74E-07	2.02E-05	0.00E+00	1.61E-08	0.00E+00	3.70E-10	5.97E-07	0.00E+00	0.00E+00	2.02E-05
1770	ALL	462636	3772960	NonCancer	0.00E+00	5.23E-09	0.00E+00	3.69E-10	3.69E-10	1.74E-07	2.01E-05	0.00E+00	1.61E-08	0.00E+00	3.69E-10	5.97E-07	0.00E+00	0.00E+00	2.01E-05
1771	ALL	462639.7	3772951	NonCancer	0.00E+00	5.22E-09	0.00E+00	3.69E-10	3.69E-10	1.74E-07	2.01E-05	0.00E+00	1.61E-08	0.00E+00	3.69E-10	5.96E-07	0.00E+00	0.00E+00	2.01E-05
1772	ALL	462643.4	3772942	NonCancer	0.00E+00	5.22E-09	0.00E+00	3.69E-10	3.69E-10	1.74E-07	2.01E-05	0.00E+00	1.61E-08	0.00E+00	3.69E-10	5.95E-07	0.00E+00	0.00E+00	2.01E-05
1773	ALL	462647.2	3772932	NonCancer	0.00E+00	5.21E-09	0.00E+00	3.68E-10	3.68E-10	1.74E-07	2.00E-05	0.00E+00	1.60E-08	0.00E+00	3.68E-10	5.95E-07	0.00E+00	0.00E+00	2.00E-05
1774	ALL	462650.9	3772923	NonCancer	0.00E+00	5.20E-09	0.00E+00	3.67E-10	3.67E-10	1.73E-07	2.00E-05	0.00E+00	1.60E-08	0.00E+00	3.67E-10	5.94E-07	0.00E+00	0.00E+00	2.00E-05
1775	ALL	462654.6	3772914	NonCancer	0.00E+00	5.19E-09	0.00E+00	3.67E-10	3.67E-10	1.73E-07	1.99E-05	0.00E+00	1.60E-08	0.00E+00	3.67E-10	5.92E-07	0.00E+00	0.00E+00	1.99E-05
1776	ALL	462658.3	3772905	NonCancer	0.00E+00	5.17E-09	0.00E+00	3.66E-10	3.66E-10	1.73E-07	1.98E-05	0.00E+00	1.59E-08	0.00E+00	3.66E-10	5.91E-07	0.00E+00	0.00E+00	1.98E-05
1777	ALL	462671.1	3772892	NonCancer	0.00E+00	5.25E-09	0.00E+00	3.71E-10	3.71E-10	1.75E-07	2.01E-05	0.00E+00	1.62E-08	0.00E+00	3.71E-10	5.99E-07	0.00E+00	0.00E+00	2.01E-05
1778	ALL	462762.3	3772854	NonCancer	0.00E+00	6.13E-09	0.00E+00	4.33E-10	4.33E-10	2.04E-07	2.37E-05	0.00E+00	1.89E-08	0.00E+00	4.33E-10	7.00E-07	0.00E+00	0.00E+00	2.37E-05
1779	ALL	462771.4	3772850	NonCancer	0.00E+00	6.21E-09	0.00E+00	4.39E-10	4.39E-10	2.07E-07	2.39E-05	0.00E+00	1.91E-08	0.00E+00	4.39E-10	7.08E-07	0.00E+00	0.00E+00	2.39E-05
1780	ALL	462780.5	3772846	NonCancer	0.00E+00	6.28E-09	0.00E+00	4.44E-10	4.44E-10	2.09E-07	2.42E-05	0.00E+00	1.93E-08	0.00E+00	4.44E-10	7.17E-07	0.00E+00	0.00E+00	2.42E-05

1781	ALL	462789.6	3772842	NonCancer	0.00E+00	6.35E-09	0.00E+00	4.49E-10	4.49E-10	2.12E-07	2.45E-05	0.00E+00	1.96E-08	0.00E+00	4.49E-10	7.25E-07	0.00E+00	0.00E+00	2.45E-05
1782	ALL	462798.8	3772838	NonCancer	0.00E+00	6.42E-09	0.00E+00	4.53E-10	4.53E-10	2.14E-07	2.47E-05	0.00E+00	1.98E-08	0.00E+00	4.53E-10	7.32E-07	0.00E+00	0.00E+00	2.47E-05
1783	ALL	462807.9	3772835	NonCancer	0.00E+00	6.48E-09	0.00E+00	4.58E-10	4.58E-10	2.16E-07	2.49E-05	0.00E+00	1.99E-08	0.00E+00	4.58E-10	7.39E-07	0.00E+00	0.00E+00	2.49E-05
1784	ALL	462817	3772831	NonCancer	0.00E+00	6.54E-09	0.00E+00	4.62E-10	4.62E-10	2.18E-07	2.51E-05	0.00E+00	2.01E-08	0.00E+00	4.62E-10	7.46E-07	0.00E+00	0.00E+00	2.51E-05
1785	ALL	462826.1	3772827	NonCancer	0.00E+00	6.59E-09	0.00E+00	4.66E-10	4.66E-10	2.20E-07	2.53E-05	0.00E+00	2.03E-08	0.00E+00	4.66E-10	7.52E-07	0.00E+00	0.00E+00	2.53E-05
1786	ALL	462889.9	3772800	NonCancer	0.00E+00	6.83E-09	0.00E+00	4.82E-10	4.82E-10	2.28E-07	2.57E-05	0.00E+00	2.10E-08	0.00E+00	4.82E-10	7.79E-07	0.00E+00	0.00E+00	2.57E-05
1787	ALL	462899	3772796	NonCancer	0.00E+00	6.84E-09	0.00E+00	4.84E-10	4.84E-10	2.28E-07	2.57E-05	0.00E+00	2.11E-08	0.00E+00	4.84E-10	7.81E-07	0.00E+00	0.00E+00	2.57E-05
1788	ALL	462908.1	3772793	NonCancer	0.00E+00	6.86E-09	0.00E+00	4.84E-10	4.84E-10	2.29E-07	2.57E-05	0.00E+00	2.11E-08	0.00E+00	4.84E-10	7.83E-07	0.00E+00	0.00E+00	2.57E-05
1789	ALL	462558	3773152	NonCancer	0.00E+00	4.83E-09	0.00E+00	3.41E-10	3.41E-10	1.61E-07	1.83E-05	0.00E+00	1.49E-08	0.00E+00	3.41E-10	5.51E-07	0.00E+00	0.00E+00	1.83E-05
1790	ALL	462558.1	3773162	NonCancer	0.00E+00	4.84E-09	0.00E+00	3.42E-10	3.42E-10	1.61E-07	1.84E-05	0.00E+00	1.49E-08	0.00E+00	3.42E-10	5.53E-07	0.00E+00	0.00E+00	1.84E-05
1791	ALL	462558.2	3773172	NonCancer	0.00E+00	4.85E-09	0.00E+00	3.43E-10	3.43E-10	1.62E-07	1.84E-05	0.00E+00	1.49E-08	0.00E+00	3.43E-10	5.54E-07	0.00E+00	0.00E+00	1.84E-05
1792	ALL	462558.3	3773182	NonCancer	0.00E+00	4.86E-09	0.00E+00	3.43E-10	3.43E-10	1.62E-07	1.84E-05	0.00E+00	1.50E-08	0.00E+00	3.43E-10	5.55E-07	0.00E+00	0.00E+00	1.84E-05
1793	ALL	462558.4	3773192	NonCancer	0.00E+00	4.86E-09	0.00E+00	3.44E-10	3.44E-10	1.62E-07	1.84E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.55E-07	0.00E+00	0.00E+00	1.84E-05
1794	ALL	462558.5	3773202	NonCancer	0.00E+00	4.86E-09	0.00E+00	3.44E-10	3.44E-10	1.62E-07	1.84E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.55E-07	0.00E+00	0.00E+00	1.84E-05
1795	ALL	462558.6	3773212	NonCancer	0.00E+00	4.87E-09	0.00E+00	3.44E-10	3.44E-10	1.62E-07	1.83E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.55E-07	0.00E+00	0.00E+00	1.83E-05
1796	ALL	462558.7	3773222	NonCancer	0.00E+00	4.87E-09	0.00E+00	3.44E-10	3.44E-10	1.62E-07	1.83E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.55E-07	0.00E+00	0.00E+00	1.83E-05
1797	ALL	462558.7	3773232	NonCancer	0.00E+00	4.86E-09	0.00E+00	3.44E-10	3.44E-10	1.62E-07	1.83E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.55E-07	0.00E+00	0.00E+00	1.83E-05
1798	ALL	462558.8	3773242	NonCancer	0.00E+00	4.86E-09	0.00E+00	3.43E-10	3.43E-10	1.62E-07	1.82E-05	0.00E+00	1.50E-08	0.00E+00	3.43E-10	5.54E-07	0.00E+00	0.00E+00	1.82E-05
1799	ALL	462531.7	3773143	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.69E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.69E-05
1800	ALL	462535.3	3773134	NonCancer	0.00E+00	4.51E-09	0.00E+00	3.19E-10	3.19E-10	1.50E-07	1.70E-05	0.00E+00	1.39E-08	0.00E+00	3.19E-10	5.15E-07	0.00E+00	0.00E+00	1.70E-05
1801	ALL	462538.9	3773126	NonCancer	0.00E+00	4.54E-09	0.00E+00	3.21E-10	3.21E-10	1.51E-07	1.71E-05	0.00E+00	1.40E-08	0.00E+00	3.21E-10	5.18E-07	0.00E+00	0.00E+00	1.71E-05
1802	ALL	462542.6	3773117	NonCancer	0.00E+00	4.57E-09	0.00E+00	3.23E-10	3.23E-10	1.52E-07	1.73E-05	0.00E+00	1.41E-08	0.00E+00	3.23E-10	5.22E-07	0.00E+00	0.00E+00	1.73E-05
1803	ALL	462546.2	3773108	NonCancer	0.00E+00	4.60E-09	0.00E+00	3.25E-10	3.25E-10	1.53E-07	1.74E-05	0.00E+00	1.42E-08	0.00E+00	3.25E-10	5.25E-07	0.00E+00	0.00E+00	1.74E-05
1804	ALL	462549.8	3773099	NonCancer	0.00E+00	4.63E-09	0.00E+00	3.27E-10	3.27E-10	1.54E-07	1.75E-05	0.00E+00	1.42E-08	0.00E+00	3.27E-10	5.28E-07	0.00E+00	0.00E+00	1.75E-05
1805	ALL	462553.5	3773090	NonCancer	0.00E+00	4.65E-09	0.00E+00	3.29E-10	3.29E-10	1.55E-07	1.76E-05	0.00E+00	1.43E-08	0.00E+00	3.29E-10	5.31E-07	0.00E+00	0.00E+00	1.76E-05
1806	ALL	462557.1	3773081	NonCancer	0.00E+00	4.67E-09	0.00E+00	3.30E-10	3.30E-10	1.56E-07	1.78E-05	0.00E+00	1.44E-08	0.00E+00	3.30E-10	5.33E-07	0.00E+00	0.00E+00	1.78E-05
1807	ALL	462560.7	3773072	NonCancer	0.00E+00	4.70E-09	0.00E+00	3.32E-10	3.32E-10	1.57E-07	1.79E-05	0.00E+00	1.45E-08	0.00E+00	3.32E-10	5.36E-07	0.00E+00	0.00E+00	1.79E-05
1808	ALL	462564.4	3773063	NonCancer	0.00E+00	4.72E-09	0.00E+00	3.33E-10	3.33E-10	1.57E-07	1.79E-05	0.00E+00	1.45E-08	0.00E+00	3.33E-10	5.38E-07	0.00E+00	0.00E+00	1.79E-05
1809	ALL	462568	3773054	NonCancer	0.00E+00	4.74E-09	0.00E+00	3.35E-10	3.35E-10	1.58E-07	1.80E-05	0.00E+00	1.46E-08	0.00E+00	3.35E-10	5.41E-07	0.00E+00	0.00E+00	1.80E-05
1810	ALL	462571.6	3773045	NonCancer	0.00E+00	4.75E-09	0.00E+00	3.36E-10	3.36E-10	1.59E-07	1.81E-05	0.00E+00	1.46E-08	0.00E+00	3.36E-10	5.43E-07	0.00E+00	0.00E+00	1.81E-05
1811	ALL	462575.3	3773036	NonCancer	0.00E+00	4.77E-09	0.00E+00	3.37E-10	3.37E-10	1.59E-07	1.82E-05	0.00E+00	1.47E-08	0.00E+00	3.37E-10	5.44E-07	0.00E+00	0.00E+00	1.82E-05
1812	ALL	462578.9	3773027	NonCancer	0.00E+00	4.78E-09	0.00E+00	3.38E-10	3.38E-10	1.59E-07	1.82E-05	0.00E+00	1.47E-08	0.00E+00	3.38E-10	5.46E-07	0.00E+00	0.00E+00	1.82E-05
1813	ALL	462582.5	3773018	NonCancer	0.00E+00	4.79E-09	0.00E+00	3.39E-10	3.39E-10	1.60E-07	1.83E-05	0.00E+00	1.48E-08	0.00E+00	3.39E-10	5.47E-07	0.00E+00	0.00E+00	1.83E-05
1814	ALL	462586.2	3773009	NonCancer	0.00E+00	4.80E-09	0.00E+00	3.39E-10	3.39E-10	1.60E-07	1.83E-05	0.00E+00	1.48E-08	0.00E+00	3.39E-10	5.48E-07	0.00E+00	0.00E+00	1.83E-05
1815	ALL	462589.8	3773000	NonCancer	0.00E+00	4.81E-09	0.00E+00	3.40E-10	3.40E-10	1.60E-07	1.84E-05	0.00E+00	1.48E-08	0.00E+00	3.40E-10	5.49E-07	0.00E+00	0.00E+00	1.84E-05
1816	ALL	462593.4	3772991	NonCancer	0.00E+00	4.82E-09	0.00E+00	3.40E-10	3.40E-10	1.61E-07	1.84E-05	0.00E+00	1.48E-08	0.00E+00	3.40E-10	5.50E-07	0.00E+00	0.00E+00	1.84E-05
1817	ALL	462597.1	3772982	NonCancer	0.00E+00	4.82E-09	0.00E+00	3.41E-10	3.41E-10	1.61E-07	1.84E-05	0.00E+00	1.48E-08	0.00E+00	3.41E-10	5.50E-07	0.00E+00	0.00E+00	1.84E-05
1818	ALL	462600.7	3772973	NonCancer	0.00E+00	4.83E-09	0.00E+00	3.41E-10	3.41E-10	1.61E-07	1.84E-05	0.00E+00	1.49E-08	0.00E+00	3.41E-10	5.51E-07	0.00E+00	0.00E+00	1.84E-05
1819	ALL	462604.3	3772964	NonCancer	0.00E+00	4.83E-09	0.00E+00	3.41E-10	3.41E-10	1.61E-07	1.84E-05	0.00E+00	1.49E-08	0.00E+00	3.41E-10	5.51E-07	0.00E+00	0.00E+00	1.84E-05
1820	ALL	462622.5	3772919	NonCancer	0.00E+00	4.81E-09	0.00E+00	3.40E-10	3.40E-10	1.61E-07	1.83E-05	0.00E+00	1.48E-08	0.00E+00	3.40E-10	5.49E-07	0.00E+00	0.00E+00	1.83E-05
1821	ALL	462626.2	3772910	NonCancer	0.00E+00	4.81E-09	0.00E+00	3.40E-10	3.40E-10	1.60E-07	1.83E-05	0.00E+00	1.48E-08	0.00E+00	3.40E-10	5.49E-07	0.00E+00	0.00E+00	1.83E-05
1822	ALL	462629.8	3772902	NonCancer	0.00E+00	4.80E-09	0.00E+00	3.39E-10	3.39E-10	1.60E-07	1.82E-05	0.00E+00	1.48E-08	0.00E+00	3.39E-10	5.48E-07	0.00E+00	0.00E+00	1.82E-05
1823	ALL	462633.4	3772893	NonCancer	0.00E+00	4.79E-09	0.00E+00	3.38E-10	3.38E-10	1.60E-07	1.82E-05	0.00E+00	1.47E-08	0.00E+00	3.38E-10	5.46E-07	0.00E+00	0.00E+00	1.82E-05
1824	ALL	462694.2	3772852	NonCancer	0.00E+00	5.22E-09	0.00E+00	3.69E-10	3.69E-10	1.74E-07	1.99E-05	0.00E+00	1.61E-08	0.00E+00	3.69E-10	5.96E-07	0.00E+00	0.00E+00	1.99E-05
1825	ALL	462703.1	3772848	NonCancer	0.00E+00	5.30E-09	0.00E+00	3.74E-10	3.74E-10	1.77E-07	2.02E-05	0.00E+00	1.63E-08	0.00E+00	3.74E-10	6.05E-07	0.00E+00	0.00E+00	2.02E-05
1826	ALL	462712	3772845	NonCancer	0.00E+00	5.37E-09	0.00E+00	3.80E-10	3.80E-10	1.79E-07	2.05E-05	0.00E+00	1.65E-08	0.00E+00	3.80E-10	6.13E-07	0.00E+00	0.00E+00	2.05E-05
1827	ALL	462721	3772841	NonCancer	0.00E+00	5.45E-09	0.00E+00	3.85E-10	3.85E-10	1.82E-07	2.08E-05	0.00E+00	1.68E-08	0.00E+00	3.85E-10	6.22E-07	0.00E+00	0.00E+00	2.08E-05
1828	ALL	462729.9	3772837	NonCancer	0.00E+00	5.52E-09	0.00E+00	3.90E-10	3.90E-10	1.84E-07	2.11E-05	0.00E+00	1.70E-08	0.00E+00	3.90E-10	6.30E-07	0.00E+00	0.00E+00	2.11E-05
1829	ALL	462738.8	3772834	NonCancer	0.00E+00	5.59E-09	0.00E+00	3.95E-10	3.95E-10	1.86E-07	2.13E-05	0.00E+00	1.72E-08	0.00E+00	3.95E-10	6.38E-07	0.00E+00	0.00E+00	2.13E-05
1830	ALL	462747.7	3772830	NonCancer	0.00E+00	5.66E-09	0.00E+00	4.00E-10	4.00E-10	1.89E-07	2.16E-05	0.00E+00	1.74E-08	0.00E+00	4.00E-10	6.46E-07	0.00E+00	0.00E+00	2.16E-05
1831	ALL	462756.6	3772826	NonCancer	0.00E+00	5.72E-09	0.00E+00	4.04E-10	4.04E-10	1.91E-07	2.18E-05	0.00E+00	1.76E-08	0.00E+00	4.04E-10	6.53E-07	0.00E+00	0.00E+00	2.18E-05
1832	ALL	462765.6	3772822	NonCancer	0.00E+00	5.79E-09	0.00E+00	4.09E-10	4.09E-10	1.93E-07	2.21E-05	0.00E+00	1.78E-08	0.00E+00	4.09E-10	6.61E-07	0.00E+00	0.00E+00	2.21E-05
1833	ALL	462801.2	3772807	NonCancer	0.00E+00	6.01E-09	0.00E+00	4.25E-10	4.25E-10	2.00E-07	2.28E-05	0.00E+00	1.85E-08	0.00E+00	4.25E-10	6.86E-07	0.00E+00	0.00E+00	2.28E-05
1834	ALL	462810.2	3772804	NonCancer	0.00E+00	6.06E-09	0.00E+00	4.28E-10	4.28E-10	2.02E-07	2.30E-05	0.00E+00	1.87E-08	0.00E+00	4.28E-10	6.92E-07	0.00E+00	0.00E+00	2.30E-05

1835	ALL	462819.1	3772800	NonCancer	0.00E+00	6.10E-09	0.00E+00	4.31E-10	4.31E-10	2.04E-07	2.31E-05	0.00E+00	1.88E-08	0.00E+00	4.31E-10	6.97E-07	0.00E+00	0.00E+00	2.31E-05
1836	ALL	462828	3772796	NonCancer	0.00E+00	6.15E-09	0.00E+00	4.34E-10	4.34E-10	2.05E-07	2.32E-05	0.00E+00	1.89E-08	0.00E+00	4.34E-10	7.01E-07	0.00E+00	0.00E+00	2.32E-05
1837	ALL	462836.9	3772792	NonCancer	0.00E+00	6.18E-09	0.00E+00	4.37E-10	4.37E-10	2.06E-07	2.33E-05	0.00E+00	1.90E-08	0.00E+00	4.37E-10	7.06E-07	0.00E+00	0.00E+00	2.33E-05
1838	ALL	462845.8	3772789	NonCancer	0.00E+00	6.22E-09	0.00E+00	4.39E-10	4.39E-10	2.07E-07	2.34E-05	0.00E+00	1.91E-08	0.00E+00	4.39E-10	7.10E-07	0.00E+00	0.00E+00	2.34E-05
1839	ALL	462854.8	3772785	NonCancer	0.00E+00	6.25E-09	0.00E+00	4.41E-10	4.41E-10	2.08E-07	2.35E-05	0.00E+00	1.92E-08	0.00E+00	4.41E-10	7.13E-07	0.00E+00	0.00E+00	2.35E-05
1840	ALL	462863.7	3772781	NonCancer	0.00E+00	6.27E-09	0.00E+00	4.43E-10	4.43E-10	2.09E-07	2.35E-05	0.00E+00	1.93E-08	0.00E+00	4.43E-10	7.16E-07	0.00E+00	0.00E+00	2.35E-05
1841	ALL	462890.4	3772770	NonCancer	0.00E+00	6.34E-09	0.00E+00	4.48E-10	4.48E-10	2.11E-07	2.36E-05	0.00E+00	1.95E-08	0.00E+00	4.48E-10	7.23E-07	0.00E+00	0.00E+00	2.36E-05
1842	ALL	462899.4	3772766	NonCancer	0.00E+00	6.35E-09	0.00E+00	4.49E-10	4.49E-10	2.12E-07	2.35E-05	0.00E+00	1.96E-08	0.00E+00	4.49E-10	7.25E-07	0.00E+00	0.00E+00	2.35E-05
1843	ALL	462908.3	3772763	NonCancer	0.00E+00	6.37E-09	0.00E+00	4.50E-10	4.50E-10	2.12E-07	2.35E-05	0.00E+00	1.96E-08	0.00E+00	4.50E-10	7.27E-07	0.00E+00	0.00E+00	2.35E-05
1844	ALL	462528	3773152	NonCancer	0.00E+00	4.44E-09	0.00E+00	3.14E-10	3.14E-10	1.48E-07	1.67E-05	0.00E+00	1.37E-08	0.00E+00	3.14E-10	5.07E-07	0.00E+00	0.00E+00	1.67E-05
1845	ALL	462528.1	3773162	NonCancer	0.00E+00	4.46E-09	0.00E+00	3.15E-10	3.15E-10	1.49E-07	1.67E-05	0.00E+00	1.37E-08	0.00E+00	3.15E-10	5.09E-07	0.00E+00	0.00E+00	1.67E-05
1846	ALL	462528.2	3773172	NonCancer	0.00E+00	4.47E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.68E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.10E-07	0.00E+00	0.00E+00	1.68E-05
1847	ALL	462528.3	3773182	NonCancer	0.00E+00	4.47E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.68E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.10E-07	0.00E+00	0.00E+00	1.68E-05
1848	ALL	462528.4	3773192	NonCancer	0.00E+00	4.47E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.68E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.68E-05
1849	ALL	462528.5	3773202	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.68E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.68E-05
1850	ALL	462528.6	3773212	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.67E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.67E-05
1851	ALL	462528.7	3773222	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.67E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.67E-05
1852	ALL	462528.7	3773232	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.67E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.67E-05
1853	ALL	462528.8	3773242	NonCancer	0.00E+00	4.47E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.66E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.10E-07	0.00E+00	0.00E+00	1.66E-05
1854	ALL	462501.7	3773144	NonCancer	0.00E+00	4.14E-09	0.00E+00	2.93E-10	2.93E-10	1.38E-07	1.55E-05	0.00E+00	1.27E-08	0.00E+00	2.93E-10	4.73E-07	0.00E+00	0.00E+00	1.55E-05
1855	ALL	462505.4	3773135	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.56E-05	0.00E+00	1.28E-08	0.00E+00	2.95E-10	4.76E-07	0.00E+00	0.00E+00	1.56E-05
1856	ALL	462527.4	3773080	NonCancer	0.00E+00	4.32E-09	0.00E+00	3.05E-10	3.05E-10	1.44E-07	1.63E-05	0.00E+00	1.33E-08	0.00E+00	3.05E-10	4.93E-07	0.00E+00	0.00E+00	1.63E-05
1857	ALL	462531.1	3773071	NonCancer	0.00E+00	4.34E-09	0.00E+00	3.07E-10	3.07E-10	1.45E-07	1.63E-05	0.00E+00	1.34E-08	0.00E+00	3.07E-10	4.95E-07	0.00E+00	0.00E+00	1.63E-05
1858	ALL	462534.8	3773062	NonCancer	0.00E+00	4.36E-09	0.00E+00	3.08E-10	3.08E-10	1.45E-07	1.64E-05	0.00E+00	1.34E-08	0.00E+00	3.08E-10	4.97E-07	0.00E+00	0.00E+00	1.64E-05
1859	ALL	462538.5	3773053	NonCancer	0.00E+00	4.37E-09	0.00E+00	3.09E-10	3.09E-10	1.46E-07	1.65E-05	0.00E+00	1.35E-08	0.00E+00	3.09E-10	4.99E-07	0.00E+00	0.00E+00	1.65E-05
1860	ALL	462542.1	3773044	NonCancer	0.00E+00	4.39E-09	0.00E+00	3.10E-10	3.10E-10	1.46E-07	1.66E-05	0.00E+00	1.35E-08	0.00E+00	3.10E-10	5.01E-07	0.00E+00	0.00E+00	1.66E-05
1861	ALL	462545.8	3773035	NonCancer	0.00E+00	4.41E-09	0.00E+00	3.11E-10	3.11E-10	1.47E-07	1.67E-05	0.00E+00	1.36E-08	0.00E+00	3.11E-10	5.03E-07	0.00E+00	0.00E+00	1.67E-05
1862	ALL	462549.5	3773026	NonCancer	0.00E+00	4.42E-09	0.00E+00	3.12E-10	3.12E-10	1.47E-07	1.67E-05	0.00E+00	1.36E-08	0.00E+00	3.12E-10	5.05E-07	0.00E+00	0.00E+00	1.67E-05
1863	ALL	462553.2	3773017	NonCancer	0.00E+00	4.43E-09	0.00E+00	3.13E-10	3.13E-10	1.48E-07	1.68E-05	0.00E+00	1.36E-08	0.00E+00	3.13E-10	5.06E-07	0.00E+00	0.00E+00	1.68E-05
1864	ALL	462556.9	3773008	NonCancer	0.00E+00	4.44E-09	0.00E+00	3.14E-10	3.14E-10	1.48E-07	1.68E-05	0.00E+00	1.37E-08	0.00E+00	3.14E-10	5.07E-07	0.00E+00	0.00E+00	1.68E-05
1865	ALL	462560.5	3772999	NonCancer	0.00E+00	4.45E-09	0.00E+00	3.14E-10	3.14E-10	1.48E-07	1.68E-05	0.00E+00	1.37E-08	0.00E+00	3.14E-10	5.08E-07	0.00E+00	0.00E+00	1.68E-05
1866	ALL	462564.2	3772990	NonCancer	0.00E+00	4.46E-09	0.00E+00	3.15E-10	3.15E-10	1.49E-07	1.69E-05	0.00E+00	1.37E-08	0.00E+00	3.15E-10	5.09E-07	0.00E+00	0.00E+00	1.69E-05
1867	ALL	462567.9	3772980	NonCancer	0.00E+00	4.47E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.69E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.10E-07	0.00E+00	0.00E+00	1.69E-05
1868	ALL	462571.6	3772971	NonCancer	0.00E+00	4.47E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.69E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.69E-05
1869	ALL	462575.2	3772962	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.69E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.69E-05
1870	ALL	462578.9	3772953	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.69E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.69E-05
1871	ALL	462582.6	3772944	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.69E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.69E-05
1872	ALL	462586.3	3772935	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.69E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.69E-05
1873	ALL	462593.6	3772917	NonCancer	0.00E+00	4.47E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.69E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.69E-05
1874	ALL	462597.3	3772908	NonCancer	0.00E+00	4.47E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.69E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.10E-07	0.00E+00	0.00E+00	1.69E-05
1875	ALL	462601	3772899	NonCancer	0.00E+00	4.46E-09	0.00E+00	3.15E-10	3.15E-10	1.49E-07	1.69E-05	0.00E+00	1.37E-08	0.00E+00	3.15E-10	5.10E-07	0.00E+00	0.00E+00	1.69E-05
1876	ALL	462604.7	3772890	NonCancer	0.00E+00	4.46E-09	0.00E+00	3.15E-10	3.15E-10	1.49E-07	1.68E-05	0.00E+00	1.37E-08	0.00E+00	3.15E-10	5.09E-07	0.00E+00	0.00E+00	1.68E-05
1877	ALL	462628.4	3772850	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.17E-10	3.17E-10	1.50E-07	1.69E-05	0.00E+00	1.38E-08	0.00E+00	3.17E-10	5.12E-07	0.00E+00	0.00E+00	1.69E-05
1878	ALL	462637.4	3772846	NonCancer	0.00E+00	4.55E-09	0.00E+00	3.22E-10	3.22E-10	1.52E-07	1.71E-05	0.00E+00	1.40E-08	0.00E+00	3.22E-10	5.20E-07	0.00E+00	0.00E+00	1.71E-05
1879	ALL	462646.4	3772842	NonCancer	0.00E+00	4.62E-09	0.00E+00	3.27E-10	3.27E-10	1.54E-07	1.74E-05	0.00E+00	1.42E-08	0.00E+00	3.27E-10	5.27E-07	0.00E+00	0.00E+00	1.74E-05
1880	ALL	462655.5	3772838	NonCancer	0.00E+00	4.69E-09	0.00E+00	3.31E-10	3.31E-10	1.56E-07	1.77E-05	0.00E+00	1.44E-08	0.00E+00	3.31E-10	5.35E-07	0.00E+00	0.00E+00	1.77E-05
1881	ALL	462664.5	3772835	NonCancer	0.00E+00	4.76E-09	0.00E+00	3.36E-10	3.36E-10	1.59E-07	1.80E-05	0.00E+00	1.46E-08	0.00E+00	3.36E-10	5.43E-07	0.00E+00	0.00E+00	1.80E-05
1882	ALL	462673.5	3772831	NonCancer	0.00E+00	4.82E-09	0.00E+00	3.41E-10	3.41E-10	1.61E-07	1.82E-05	0.00E+00	1.49E-08	0.00E+00	3.41E-10	5.51E-07	0.00E+00	0.00E+00	1.82E-05
1883	ALL	462682.5	3772827	NonCancer	0.00E+00	4.89E-09	0.00E+00	3.46E-10	3.46E-10	1.63E-07	1.85E-05	0.00E+00	1.51E-08	0.00E+00	3.46E-10	5.58E-07	0.00E+00	0.00E+00	1.85E-05
1884	ALL	462691.5	3772823	NonCancer	0.00E+00	4.96E-09	0.00E+00	3.50E-10	3.50E-10	1.65E-07	1.87E-05	0.00E+00	1.53E-08	0.00E+00	3.50E-10	5.66E-07	0.00E+00	0.00E+00	1.87E-05
1885	ALL	462700.6	3772820	NonCancer	0.00E+00	5.02E-09	0.00E+00	3.55E-10	3.55E-10	1.68E-07	1.90E-05	0.00E+00	1.55E-08	0.00E+00	3.55E-10	5.73E-07	0.00E+00	0.00E+00	1.90E-05
1886	ALL	462736.7	3772804	NonCancer	0.00E+00	5.27E-09	0.00E+00	3.73E-10	3.73E-10	1.76E-07	1.99E-05	0.00E+00	1.62E-08	0.00E+00	3.73E-10	6.02E-07	0.00E+00	0.00E+00	1.99E-05
1887	ALL	462745.7	3772801	NonCancer	0.00E+00	5.33E-09	0.00E+00	3.77E-10	3.77E-10	1.78E-07	2.01E-05	0.00E+00	1.64E-08	0.00E+00	3.77E-10	6.09E-07	0.00E+00	0.00E+00	2.01E-05
1888	ALL	462754.7	3772797	NonCancer	0.00E+00	5.39E-09	0.00E+00	3.81E-10	3.81E-10	1.80E-07	2.03E-05	0.00E+00	1.66E-08	0.00E+00	3.81E-10	6.15E-07	0.00E+00	0.00E+00	2.03E-05

1889	ALL	462763.7	3772793	NonCancer	0.00E+00	5.44E-09	0.00E+00	3.85E-10	3.85E-10	1.82E-07	2.05E-05	0.00E+00	1.68E-08	0.00E+00	3.85E-10	6.21E-07	0.00E+00	0.00E+00	2.05E-05
1890	ALL	462772.8	3772789	NonCancer	0.00E+00	5.49E-09	0.00E+00	3.88E-10	3.88E-10	1.83E-07	2.07E-05	0.00E+00	1.69E-08	0.00E+00	3.88E-10	6.27E-07	0.00E+00	0.00E+00	2.07E-05
1891	ALL	462799.8	3772778	NonCancer	0.00E+00	5.63E-09	0.00E+00	3.98E-10	3.98E-10	1.88E-07	2.11E-05	0.00E+00	1.73E-08	0.00E+00	3.98E-10	6.43E-07	0.00E+00	0.00E+00	2.11E-05
1892	ALL	462808.8	3772774	NonCancer	0.00E+00	5.67E-09	0.00E+00	4.01E-10	4.01E-10	1.89E-07	2.13E-05	0.00E+00	1.75E-08	0.00E+00	4.01E-10	6.47E-07	0.00E+00	0.00E+00	2.13E-05
1893	ALL	462817.9	3772770	NonCancer	0.00E+00	5.71E-09	0.00E+00	4.03E-10	4.03E-10	1.90E-07	2.14E-05	0.00E+00	1.76E-08	0.00E+00	4.03E-10	6.52E-07	0.00E+00	0.00E+00	2.14E-05
1894	ALL	462826.9	3772767	NonCancer	0.00E+00	5.74E-09	0.00E+00	4.06E-10	4.06E-10	1.92E-07	2.15E-05	0.00E+00	1.77E-08	0.00E+00	4.06E-10	6.56E-07	0.00E+00	0.00E+00	2.15E-05
1895	ALL	462835.9	3772763	NonCancer	0.00E+00	5.78E-09	0.00E+00	4.08E-10	4.08E-10	1.93E-07	2.15E-05	0.00E+00	1.78E-08	0.00E+00	4.08E-10	6.59E-07	0.00E+00	0.00E+00	2.15E-05
1896	ALL	462844.9	3772759	NonCancer	0.00E+00	5.81E-09	0.00E+00	4.10E-10	4.10E-10	1.94E-07	2.16E-05	0.00E+00	1.79E-08	0.00E+00	4.10E-10	6.63E-07	0.00E+00	0.00E+00	2.16E-05
1897	ALL	462854	3772755	NonCancer	0.00E+00	5.83E-09	0.00E+00	4.12E-10	4.12E-10	1.95E-07	2.16E-05	0.00E+00	1.80E-08	0.00E+00	4.12E-10	6.66E-07	0.00E+00	0.00E+00	2.16E-05
1898	ALL	462863	3772752	NonCancer	0.00E+00	5.86E-09	0.00E+00	4.14E-10	4.14E-10	1.95E-07	2.17E-05	0.00E+00	1.80E-08	0.00E+00	4.14E-10	6.68E-07	0.00E+00	0.00E+00	2.17E-05
1899	ALL	462890.1	3772740	NonCancer	0.00E+00	5.91E-09	0.00E+00	4.18E-10	4.18E-10	1.97E-07	2.17E-05	0.00E+00	1.82E-08	0.00E+00	4.18E-10	6.75E-07	0.00E+00	0.00E+00	2.17E-05
1900	ALL	462899.1	3772736	NonCancer	0.00E+00	5.93E-09	0.00E+00	4.19E-10	4.19E-10	1.98E-07	2.17E-05	0.00E+00	1.83E-08	0.00E+00	4.19E-10	6.77E-07	0.00E+00	0.00E+00	2.17E-05
1901	ALL	462908.1	3772733	NonCancer	0.00E+00	5.95E-09	0.00E+00	4.20E-10	4.20E-10	1.98E-07	2.17E-05	0.00E+00	1.83E-08	0.00E+00	4.20E-10	6.79E-07	0.00E+00	0.00E+00	2.17E-05
1902	ALL	462498	3773153	NonCancer	0.00E+00	4.11E-09	0.00E+00	2.90E-10	2.90E-10	1.37E-07	1.53E-05	0.00E+00	1.27E-08	0.00E+00	2.90E-10	4.69E-07	0.00E+00	0.00E+00	1.53E-05
1903	ALL	462498.1	3773163	NonCancer	0.00E+00	4.12E-09	0.00E+00	2.91E-10	2.91E-10	1.37E-07	1.53E-05	0.00E+00	1.27E-08	0.00E+00	2.91E-10	4.70E-07	0.00E+00	0.00E+00	1.53E-05
1904	ALL	462498.2	3773173	NonCancer	0.00E+00	4.12E-09	0.00E+00	2.91E-10	2.91E-10	1.38E-07	1.54E-05	0.00E+00	1.27E-08	0.00E+00	2.91E-10	4.71E-07	0.00E+00	0.00E+00	1.54E-05
1905	ALL	462498.3	3773183	NonCancer	0.00E+00	4.13E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.54E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.71E-07	0.00E+00	0.00E+00	1.54E-05
1906	ALL	462498.4	3773193	NonCancer	0.00E+00	4.13E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.54E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.72E-07	0.00E+00	0.00E+00	1.54E-05
1907	ALL	462498.5	3773202	NonCancer	0.00E+00	4.14E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.54E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.72E-07	0.00E+00	0.00E+00	1.54E-05
1908	ALL	462498.6	3773212	NonCancer	0.00E+00	4.14E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.53E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.72E-07	0.00E+00	0.00E+00	1.53E-05
1909	ALL	462498.7	3773222	NonCancer	0.00E+00	4.14E-09	0.00E+00	2.93E-10	2.93E-10	1.38E-07	1.53E-05	0.00E+00	1.27E-08	0.00E+00	2.93E-10	4.73E-07	0.00E+00	0.00E+00	1.53E-05
1910	ALL	462498.8	3773232	NonCancer	0.00E+00	4.14E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.53E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.72E-07	0.00E+00	0.00E+00	1.53E-05
1911	ALL	462498.8	3773242	NonCancer	0.00E+00	4.13E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.53E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.72E-07	0.00E+00	0.00E+00	1.53E-05
1912	ALL	462471.7	3773144	NonCancer	0.00E+00	3.85E-09	0.00E+00	2.72E-10	2.72E-10	1.28E-07	1.42E-05	0.00E+00	1.18E-08	0.00E+00	2.72E-10	4.39E-07	0.00E+00	0.00E+00	1.42E-05
1913	ALL	462475.5	3773135	NonCancer	0.00E+00	3.87E-09	0.00E+00	2.74E-10	2.74E-10	1.29E-07	1.44E-05	0.00E+00	1.19E-08	0.00E+00	2.74E-10	4.42E-07	0.00E+00	0.00E+00	1.44E-05
1914	ALL	462479.2	3773125	NonCancer	0.00E+00	3.90E-09	0.00E+00	2.75E-10	2.75E-10	1.30E-07	1.45E-05	0.00E+00	1.20E-08	0.00E+00	2.75E-10	4.45E-07	0.00E+00	0.00E+00	1.45E-05
1915	ALL	462482.9	3773116	NonCancer	0.00E+00	3.92E-09	0.00E+00	2.77E-10	2.77E-10	1.31E-07	1.46E-05	0.00E+00	1.21E-08	0.00E+00	2.77E-10	4.47E-07	0.00E+00	0.00E+00	1.46E-05
1916	ALL	462486.6	3773107	NonCancer	0.00E+00	3.94E-09	0.00E+00	2.79E-10	2.79E-10	1.32E-07	1.47E-05	0.00E+00	1.21E-08	0.00E+00	2.79E-10	4.50E-07	0.00E+00	0.00E+00	1.47E-05
1917	ALL	462490.3	3773098	NonCancer	0.00E+00	3.97E-09	0.00E+00	2.80E-10	2.80E-10	1.32E-07	1.48E-05	0.00E+00	1.22E-08	0.00E+00	2.80E-10	4.53E-07	0.00E+00	0.00E+00	1.48E-05
1918	ALL	462494	3773089	NonCancer	0.00E+00	3.99E-09	0.00E+00	2.82E-10	2.82E-10	1.33E-07	1.49E-05	0.00E+00	1.23E-08	0.00E+00	2.82E-10	4.55E-07	0.00E+00	0.00E+00	1.49E-05
1919	ALL	462497.7	3773080	NonCancer	0.00E+00	4.01E-09	0.00E+00	2.83E-10	2.83E-10	1.34E-07	1.50E-05	0.00E+00	1.23E-08	0.00E+00	2.83E-10	4.58E-07	0.00E+00	0.00E+00	1.50E-05
1920	ALL	462505.2	3773061	NonCancer	0.00E+00	4.04E-09	0.00E+00	2.86E-10	2.86E-10	1.35E-07	1.51E-05	0.00E+00	1.25E-08	0.00E+00	2.86E-10	4.62E-07	0.00E+00	0.00E+00	1.51E-05
1921	ALL	462523.7	3773016	NonCancer	0.00E+00	4.12E-09	0.00E+00	2.91E-10	2.91E-10	1.37E-07	1.54E-05	0.00E+00	1.27E-08	0.00E+00	2.91E-10	4.70E-07	0.00E+00	0.00E+00	1.54E-05
1922	ALL	462527.5	3773006	NonCancer	0.00E+00	4.13E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.55E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.71E-07	0.00E+00	0.00E+00	1.55E-05
1923	ALL	462531.2	3772997	NonCancer	0.00E+00	4.14E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.55E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.72E-07	0.00E+00	0.00E+00	1.55E-05
1924	ALL	462534.9	3772988	NonCancer	0.00E+00	4.15E-09	0.00E+00	2.93E-10	2.93E-10	1.38E-07	1.56E-05	0.00E+00	1.28E-08	0.00E+00	2.93E-10	4.73E-07	0.00E+00	0.00E+00	1.56E-05
1925	ALL	462538.6	3772979	NonCancer	0.00E+00	4.15E-09	0.00E+00	2.94E-10	2.94E-10	1.39E-07	1.56E-05	0.00E+00	1.28E-08	0.00E+00	2.94E-10	4.74E-07	0.00E+00	0.00E+00	1.56E-05
1926	ALL	462542.3	3772970	NonCancer	0.00E+00	4.16E-09	0.00E+00	2.94E-10	2.94E-10	1.39E-07	1.56E-05	0.00E+00	1.28E-08	0.00E+00	2.94E-10	4.75E-07	0.00E+00	0.00E+00	1.56E-05
1927	ALL	462546	3772961	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.94E-10	2.94E-10	1.39E-07	1.56E-05	0.00E+00	1.28E-08	0.00E+00	2.94E-10	4.75E-07	0.00E+00	0.00E+00	1.56E-05
1928	ALL	462549.7	3772951	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.57E-05	0.00E+00	1.28E-08	0.00E+00	2.95E-10	4.76E-07	0.00E+00	0.00E+00	1.57E-05
1929	ALL	462553.5	3772942	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.57E-05	0.00E+00	1.28E-08	0.00E+00	2.95E-10	4.76E-07	0.00E+00	0.00E+00	1.57E-05
1930	ALL	462557.2	3772933	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.57E-05	0.00E+00	1.28E-08	0.00E+00	2.95E-10	4.76E-07	0.00E+00	0.00E+00	1.57E-05
1931	ALL	462564.6	3772915	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.57E-05	0.00E+00	1.28E-08	0.00E+00	2.95E-10	4.76E-07	0.00E+00	0.00E+00	1.57E-05
1932	ALL	462568.3	3772906	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.56E-05	0.00E+00	1.28E-08	0.00E+00	2.95E-10	4.76E-07	0.00E+00	0.00E+00	1.56E-05
1933	ALL	462572	3772897	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.94E-10	2.94E-10	1.39E-07	1.56E-05	0.00E+00	1.28E-08	0.00E+00	2.94E-10	4.76E-07	0.00E+00	0.00E+00	1.56E-05
1934	ALL	462575.7	3772887	NonCancer	0.00E+00	4.16E-09	0.00E+00	2.94E-10	2.94E-10	1.39E-07	1.56E-05	0.00E+00	1.28E-08	0.00E+00	2.94E-10	4.75E-07	0.00E+00	0.00E+00	1.56E-05
1935	ALL	462594.3	3772842	NonCancer	0.00E+00	4.13E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.54E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.71E-07	0.00E+00	0.00E+00	1.54E-05
1936	ALL	462661.8	3772806	NonCancer	0.00E+00	4.54E-09	0.00E+00	3.21E-10	3.21E-10	1.51E-07	1.70E-05	0.00E+00	1.40E-08	0.00E+00	3.21E-10	5.18E-07	0.00E+00	0.00E+00	1.70E-05
1937	ALL	462670.9	3772802	NonCancer	0.00E+00	4.60E-09	0.00E+00	3.25E-10	3.25E-10	1.53E-07	1.72E-05	0.00E+00	1.42E-08	0.00E+00	3.25E-10	5.25E-07	0.00E+00	0.00E+00	1.72E-05
1938	ALL	462680.1	3772798	NonCancer	0.00E+00	4.66E-09	0.00E+00	3.29E-10	3.29E-10	1.55E-07	1.75E-05	0.00E+00	1.43E-08	0.00E+00	3.29E-10	5.32E-07	0.00E+00	0.00E+00	1.75E-05
1939	ALL	462689.2	3772794	NonCancer	0.00E+00	4.72E-09	0.00E+00	3.33E-10	3.33E-10	1.57E-07	1.77E-05	0.00E+00	1.45E-08	0.00E+00	3.33E-10	5.38E-07	0.00E+00	0.00E+00	1.77E-05
1940	ALL	462716.5	3772783	NonCancer	0.00E+00	4.88E-09	0.00E+00	3.45E-10	3.45E-10	1.63E-07	1.83E-05	0.00E+00	1.50E-08	0.00E+00	3.45E-10	5.58E-07	0.00E+00	0.00E+00	1.83E-05
1941	ALL	462725.6	3772779	NonCancer	0.00E+00	4.94E-09	0.00E+00	3.49E-10	3.49E-10	1.65E-07	1.85E-05	0.00E+00	1.52E-08	0.00E+00	3.49E-10	5.64E-07	0.00E+00	0.00E+00	1.85E-05
1942	ALL	462734.8	3772775	NonCancer	0.00E+00	4.99E-09	0.00E+00	3.53E-10	3.53E-10	1.66E-07	1.87E-05	0.00E+00	1.54E-08	0.00E+00	3.53E-10	5.69E-07	0.00E+00	0.00E+00	1.87E-05

1943	ALL	462743.9	3772771	NonCancer	0.00E+00	5.04E-09	0.00E+00	3.56E-10	3.56E-10	1.68E-07	1.88E-05	0.00E+00	1.55E-08	0.00E+00	3.56E-10	5.75E-07	0.00E+00	0.00E+00	1.88E-05
1944	ALL	462753	3772768	NonCancer	0.00E+00	5.09E-09	0.00E+00	3.59E-10	3.59E-10	1.70E-07	1.90E-05	0.00E+00	1.57E-08	0.00E+00	3.59E-10	5.81E-07	0.00E+00	0.00E+00	1.90E-05
1945	ALL	462762.1	3772764	NonCancer	0.00E+00	5.13E-09	0.00E+00	3.63E-10	3.63E-10	1.71E-07	1.92E-05	0.00E+00	1.58E-08	0.00E+00	3.63E-10	5.86E-07	0.00E+00	0.00E+00	1.92E-05
1946	ALL	462771.2	3772760	NonCancer	0.00E+00	5.17E-09	0.00E+00	3.66E-10	3.66E-10	1.73E-07	1.93E-05	0.00E+00	1.59E-08	0.00E+00	3.66E-10	5.91E-07	0.00E+00	0.00E+00	1.93E-05
1947	ALL	462780.3	3772756	NonCancer	0.00E+00	5.22E-09	0.00E+00	3.69E-10	3.69E-10	1.74E-07	1.94E-05	0.00E+00	1.61E-08	0.00E+00	3.69E-10	5.95E-07	0.00E+00	0.00E+00	1.94E-05
1948	ALL	462798.6	3772748	NonCancer	0.00E+00	5.29E-09	0.00E+00	3.74E-10	3.74E-10	1.76E-07	1.97E-05	0.00E+00	1.63E-08	0.00E+00	3.74E-10	6.04E-07	0.00E+00	0.00E+00	1.97E-05
1949	ALL	462807.7	3772745	NonCancer	0.00E+00	5.33E-09	0.00E+00	3.76E-10	3.76E-10	1.78E-07	1.97E-05	0.00E+00	1.64E-08	0.00E+00	3.76E-10	6.08E-07	0.00E+00	0.00E+00	1.97E-05
1950	ALL	462816.8	3772741	NonCancer	0.00E+00	5.36E-09	0.00E+00	3.79E-10	3.79E-10	1.79E-07	1.98E-05	0.00E+00	1.65E-08	0.00E+00	3.79E-10	6.12E-07	0.00E+00	0.00E+00	1.98E-05
1951	ALL	462825.9	3772737	NonCancer	0.00E+00	5.39E-09	0.00E+00	3.81E-10	3.81E-10	1.80E-07	1.99E-05	0.00E+00	1.66E-08	0.00E+00	3.81E-10	6.15E-07	0.00E+00	0.00E+00	1.99E-05
1952	ALL	462835	3772733	NonCancer	0.00E+00	5.42E-09	0.00E+00	3.83E-10	3.83E-10	1.81E-07	2.00E-05	0.00E+00	1.67E-08	0.00E+00	3.83E-10	6.18E-07	0.00E+00	0.00E+00	2.00E-05
1953	ALL	462844.1	3772729	NonCancer	0.00E+00	5.44E-09	0.00E+00	3.85E-10	3.85E-10	1.82E-07	2.00E-05	0.00E+00	1.68E-08	0.00E+00	3.85E-10	6.21E-07	0.00E+00	0.00E+00	2.00E-05
1954	ALL	462853.3	3772726	NonCancer	0.00E+00	5.47E-09	0.00E+00	3.86E-10	3.86E-10	1.82E-07	2.01E-05	0.00E+00	1.68E-08	0.00E+00	3.86E-10	6.24E-07	0.00E+00	0.00E+00	2.01E-05
1955	ALL	462862.4	3772722	NonCancer	0.00E+00	5.49E-09	0.00E+00	3.88E-10	3.88E-10	1.83E-07	2.01E-05	0.00E+00	1.69E-08	0.00E+00	3.88E-10	6.27E-07	0.00E+00	0.00E+00	2.01E-05
1956	ALL	462889.7	3772710	NonCancer	0.00E+00	5.55E-09	0.00E+00	3.92E-10	3.92E-10	1.85E-07	2.01E-05	0.00E+00	1.71E-08	0.00E+00	3.92E-10	6.33E-07	0.00E+00	0.00E+00	2.01E-05
1957	ALL	462468	3773153	NonCancer	0.00E+00	3.82E-09	0.00E+00	2.70E-10	2.70E-10	1.27E-07	1.41E-05	0.00E+00	1.18E-08	0.00E+00	2.70E-10	4.36E-07	0.00E+00	0.00E+00	1.41E-05
1958	ALL	462468.1	3773163	NonCancer	0.00E+00	3.82E-09	0.00E+00	2.70E-10	2.70E-10	1.28E-07	1.41E-05	0.00E+00	1.18E-08	0.00E+00	2.70E-10	4.37E-07	0.00E+00	0.00E+00	1.41E-05
1959	ALL	462468.2	3773173	NonCancer	0.00E+00	3.83E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.41E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.37E-07	0.00E+00	0.00E+00	1.41E-05
1960	ALL	462468.3	3773183	NonCancer	0.00E+00	3.83E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.41E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.38E-07	0.00E+00	0.00E+00	1.41E-05
1961	ALL	462468.4	3773193	NonCancer	0.00E+00	3.84E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.42E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.38E-07	0.00E+00	0.00E+00	1.42E-05
1962	ALL	462468.5	3773203	NonCancer	0.00E+00	3.84E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.42E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.38E-07	0.00E+00	0.00E+00	1.42E-05
1963	ALL	462468.6	3773213	NonCancer	0.00E+00	3.84E-09	0.00E+00	2.72E-10	2.72E-10	1.28E-07	1.41E-05	0.00E+00	1.18E-08	0.00E+00	2.72E-10	4.39E-07	0.00E+00	0.00E+00	1.41E-05
1964	ALL	462468.7	3773223	NonCancer	0.00E+00	3.84E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.41E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.38E-07	0.00E+00	0.00E+00	1.41E-05
1965	ALL	462468.8	3773233	NonCancer	0.00E+00	3.84E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.41E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.38E-07	0.00E+00	0.00E+00	1.41E-05
1966	ALL	462468.8	3773243	NonCancer	0.00E+00	3.83E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.40E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.38E-07	0.00E+00	0.00E+00	1.40E-05
1967	ALL	462441.7	3773144	NonCancer	0.00E+00	3.59E-09	0.00E+00	2.54E-10	2.54E-10	1.20E-07	1.32E-05	0.00E+00	1.10E-08	0.00E+00	2.54E-10	4.10E-07	0.00E+00	0.00E+00	1.32E-05
1968	ALL	462445.3	3773135	NonCancer	0.00E+00	3.61E-09	0.00E+00	2.55E-10	2.55E-10	1.20E-07	1.33E-05	0.00E+00	1.11E-08	0.00E+00	2.55E-10	4.12E-07	0.00E+00	0.00E+00	1.33E-05
1969	ALL	462449	3773126	NonCancer	0.00E+00	3.63E-09	0.00E+00	2.57E-10	2.57E-10	1.21E-07	1.34E-05	0.00E+00	1.12E-08	0.00E+00	2.57E-10	4.14E-07	0.00E+00	0.00E+00	1.34E-05
1970	ALL	462452.6	3773117	NonCancer	0.00E+00	3.65E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.35E-05	0.00E+00	1.12E-08	0.00E+00	2.58E-10	4.17E-07	0.00E+00	0.00E+00	1.35E-05
1971	ALL	462456.3	3773108	NonCancer	0.00E+00	3.67E-09	0.00E+00	2.60E-10	2.60E-10	1.22E-07	1.36E-05	0.00E+00	1.13E-08	0.00E+00	2.60E-10	4.19E-07	0.00E+00	0.00E+00	1.36E-05
1972	ALL	462459.9	3773099	NonCancer	0.00E+00	3.69E-09	0.00E+00	2.61E-10	2.61E-10	1.23E-07	1.37E-05	0.00E+00	1.14E-08	0.00E+00	2.61E-10	4.22E-07	0.00E+00	0.00E+00	1.37E-05
1973	ALL	462463.6	3773090	NonCancer	0.00E+00	3.72E-09	0.00E+00	2.63E-10	2.63E-10	1.24E-07	1.38E-05	0.00E+00	1.14E-08	0.00E+00	2.63E-10	4.24E-07	0.00E+00	0.00E+00	1.38E-05
1974	ALL	462467.2	3773081	NonCancer	0.00E+00	3.73E-09	0.00E+00	2.64E-10	2.64E-10	1.25E-07	1.38E-05	0.00E+00	1.15E-08	0.00E+00	2.64E-10	4.26E-07	0.00E+00	0.00E+00	1.38E-05
1975	ALL	462478.2	3773054	NonCancer	0.00E+00	3.78E-09	0.00E+00	2.67E-10	2.67E-10	1.26E-07	1.40E-05	0.00E+00	1.16E-08	0.00E+00	2.67E-10	4.31E-07	0.00E+00	0.00E+00	1.40E-05
1976	ALL	462481.8	3773045	NonCancer	0.00E+00	3.80E-09	0.00E+00	2.68E-10	2.68E-10	1.27E-07	1.41E-05	0.00E+00	1.17E-08	0.00E+00	2.68E-10	4.33E-07	0.00E+00	0.00E+00	1.41E-05
1977	ALL	462485.5	3773036	NonCancer	0.00E+00	3.81E-09	0.00E+00	2.69E-10	2.69E-10	1.27E-07	1.42E-05	0.00E+00	1.17E-08	0.00E+00	2.69E-10	4.35E-07	0.00E+00	0.00E+00	1.42E-05
1978	ALL	462489.1	3773027	NonCancer	0.00E+00	3.82E-09	0.00E+00	2.70E-10	2.70E-10	1.28E-07	1.42E-05	0.00E+00	1.18E-08	0.00E+00	2.70E-10	4.37E-07	0.00E+00	0.00E+00	1.42E-05
1979	ALL	462492.8	3773018	NonCancer	0.00E+00	3.84E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.43E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.38E-07	0.00E+00	0.00E+00	1.43E-05
1980	ALL	462496.4	3773009	NonCancer	0.00E+00	3.85E-09	0.00E+00	2.72E-10	2.72E-10	1.28E-07	1.43E-05	0.00E+00	1.18E-08	0.00E+00	2.72E-10	4.39E-07	0.00E+00	0.00E+00	1.43E-05
1981	ALL	462500.1	3773000	NonCancer	0.00E+00	3.85E-09	0.00E+00	2.72E-10	2.72E-10	1.29E-07	1.44E-05	0.00E+00	1.19E-08	0.00E+00	2.72E-10	4.40E-07	0.00E+00	0.00E+00	1.44E-05
1982	ALL	462503.7	3772991	NonCancer	0.00E+00	3.86E-09	0.00E+00	2.73E-10	2.73E-10	1.29E-07	1.44E-05	0.00E+00	1.19E-08	0.00E+00	2.73E-10	4.41E-07	0.00E+00	0.00E+00	1.44E-05
1983	ALL	462525.6	3772937	NonCancer	0.00E+00	3.90E-09	0.00E+00	2.75E-10	2.75E-10	1.30E-07	1.45E-05	0.00E+00	1.20E-08	0.00E+00	2.75E-10	4.45E-07	0.00E+00	0.00E+00	1.45E-05
1984	ALL	462536.6	3772910	NonCancer	0.00E+00	3.90E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.45E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.45E-07	0.00E+00	0.00E+00	1.45E-05
1985	ALL	462540.2	3772901	NonCancer	0.00E+00	3.90E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.45E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.45E-07	0.00E+00	0.00E+00	1.45E-05
1986	ALL	462543.9	3772892	NonCancer	0.00E+00	3.90E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.45E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.45E-07	0.00E+00	0.00E+00	1.45E-05
1987	ALL	462565.7	3772838	NonCancer	0.00E+00	3.87E-09	0.00E+00	2.74E-10	2.74E-10	1.29E-07	1.44E-05	0.00E+00	1.19E-08	0.00E+00	2.74E-10	4.42E-07	0.00E+00	0.00E+00	1.44E-05
1988	ALL	462569.4	3772829	NonCancer	0.00E+00	3.86E-09	0.00E+00	2.73E-10	2.73E-10	1.29E-07	1.43E-05	0.00E+00	1.19E-08	0.00E+00	2.73E-10	4.41E-07	0.00E+00	0.00E+00	1.43E-05
1989	ALL	462573	3772820	NonCancer	0.00E+00	3.86E-09	0.00E+00	2.72E-10	2.72E-10	1.29E-07	1.43E-05	0.00E+00	1.19E-08	0.00E+00	2.72E-10	4.40E-07	0.00E+00	0.00E+00	1.43E-05
1990	ALL	462585.6	3772808	NonCancer	0.00E+00	3.90E-09	0.00E+00	2.75E-10	2.75E-10	1.30E-07	1.44E-05	0.00E+00	1.20E-08	0.00E+00	2.75E-10	4.45E-07	0.00E+00	0.00E+00	1.44E-05
1991	ALL	462594.6	3772804	NonCancer	0.00E+00	3.95E-09	0.00E+00	2.79E-10	2.79E-10	1.32E-07	1.46E-05	0.00E+00	1.22E-08	0.00E+00	2.79E-10	4.51E-07	0.00E+00	0.00E+00	1.46E-05
1992	ALL	462630.4	3772789	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.94E-10	2.94E-10	1.39E-07	1.55E-05	0.00E+00	1.28E-08	0.00E+00	2.94E-10	4.76E-07	0.00E+00	0.00E+00	1.55E-05
1993	ALL	462639.4	3772785	NonCancer	0.00E+00	4.22E-09	0.00E+00	2.98E-10	2.98E-10	1.41E-07	1.57E-05	0.00E+00	1.30E-08	0.00E+00	2.98E-10	4.82E-07	0.00E+00	0.00E+00	1.57E-05
1994	ALL	462648.3	3772781	NonCancer	0.00E+00	4.27E-09	0.00E+00	3.02E-10	3.02E-10	1.42E-07	1.59E-05	0.00E+00	1.32E-08	0.00E+00	3.02E-10	4.88E-07	0.00E+00	0.00E+00	1.59E-05
1995	ALL	462657.3	3772778	NonCancer	0.00E+00	4.32E-09	0.00E+00	3.06E-10	3.06E-10	1.44E-07	1.61E-05	0.00E+00	1.33E-08	0.00E+00	3.06E-10	4.94E-07	0.00E+00	0.00E+00	1.61E-05
1996	ALL	462666.2	3772774	NonCancer	0.00E+00	4.37E-09	0.00E+00	3.09E-10	3.09E-10	1.46E-07	1.63E-05	0.00E+00	1.35E-08	0.00E+00	3.09E-10	4.99E-07	0.00E+00	0.00E+00	1.63E-05

1997	ALL	462675.2	3772770	NonCancer	0.00E+00	4.43E-09	0.00E+00	3.13E-10	3.13E-10	1.48E-07	1.64E-05	0.00E+00	1.36E-08	0.00E+00	3.13E-10	5.05E-07	0.00E+00	0.00E+00	1.64E-05
1998	ALL	462684.2	3772766	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.66E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.66E-05
1999	ALL	462693.1	3772763	NonCancer	0.00E+00	4.52E-09	0.00E+00	3.20E-10	3.20E-10	1.51E-07	1.68E-05	0.00E+00	1.39E-08	0.00E+00	3.20E-10	5.16E-07	0.00E+00	0.00E+00	1.68E-05
2000	ALL	462720	3772751	NonCancer	0.00E+00	4.66E-09	0.00E+00	3.30E-10	3.30E-10	1.56E-07	1.73E-05	0.00E+00	1.44E-08	0.00E+00	3.30E-10	5.32E-07	0.00E+00	0.00E+00	1.73E-05
2001	ALL	462728.9	3772748	NonCancer	0.00E+00	4.71E-09	0.00E+00	3.33E-10	3.33E-10	1.57E-07	1.75E-05	0.00E+00	1.45E-08	0.00E+00	3.33E-10	5.37E-07	0.00E+00	0.00E+00	1.75E-05
2002	ALL	462737.9	3772744	NonCancer	0.00E+00	4.75E-09	0.00E+00	3.36E-10	3.36E-10	1.58E-07	1.76E-05	0.00E+00	1.46E-08	0.00E+00	3.36E-10	5.42E-07	0.00E+00	0.00E+00	1.76E-05
2003	ALL	462746.8	3772740	NonCancer	0.00E+00	4.79E-09	0.00E+00	3.39E-10	3.39E-10	1.60E-07	1.77E-05	0.00E+00	1.48E-08	0.00E+00	3.39E-10	5.47E-07	0.00E+00	0.00E+00	1.77E-05
2004	ALL	462755.8	3772736	NonCancer	0.00E+00	4.83E-09	0.00E+00	3.41E-10	3.41E-10	1.61E-07	1.79E-05	0.00E+00	1.49E-08	0.00E+00	3.41E-10	5.51E-07	0.00E+00	0.00E+00	1.79E-05
2005	ALL	462764.8	3772733	NonCancer	0.00E+00	4.87E-09	0.00E+00	3.44E-10	3.44E-10	1.62E-07	1.80E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.56E-07	0.00E+00	0.00E+00	1.80E-05
2006	ALL	462773.7	3772729	NonCancer	0.00E+00	4.91E-09	0.00E+00	3.47E-10	3.47E-10	1.64E-07	1.81E-05	0.00E+00	1.51E-08	0.00E+00	3.47E-10	5.60E-07	0.00E+00	0.00E+00	1.81E-05
2007	ALL	462800.6	3772718	NonCancer	0.00E+00	5.00E-09	0.00E+00	3.54E-10	3.54E-10	1.67E-07	1.84E-05	0.00E+00	1.54E-08	0.00E+00	3.54E-10	5.71E-07	0.00E+00	0.00E+00	1.84E-05
2008	ALL	462809.5	3772714	NonCancer	0.00E+00	5.03E-09	0.00E+00	3.56E-10	3.56E-10	1.68E-07	1.84E-05	0.00E+00	1.55E-08	0.00E+00	3.56E-10	5.74E-07	0.00E+00	0.00E+00	1.84E-05
2009	ALL	462818.5	3772710	NonCancer	0.00E+00	5.06E-09	0.00E+00	3.57E-10	3.57E-10	1.69E-07	1.85E-05	0.00E+00	1.56E-08	0.00E+00	3.57E-10	5.77E-07	0.00E+00	0.00E+00	1.85E-05
2010	ALL	462827.4	3772706	NonCancer	0.00E+00	5.08E-09	0.00E+00	3.59E-10	3.59E-10	1.70E-07	1.86E-05	0.00E+00	1.57E-08	0.00E+00	3.59E-10	5.80E-07	0.00E+00	0.00E+00	1.86E-05
2011	ALL	462863.3	3772691	NonCancer	0.00E+00	5.17E-09	0.00E+00	3.66E-10	3.66E-10	1.73E-07	1.87E-05	0.00E+00	1.59E-08	0.00E+00	3.66E-10	5.90E-07	0.00E+00	0.00E+00	1.87E-05
2012	ALL	462872.2	3772688	NonCancer	0.00E+00	5.19E-09	0.00E+00	3.67E-10	3.67E-10	1.73E-07	1.87E-05	0.00E+00	1.60E-08	0.00E+00	3.67E-10	5.93E-07	0.00E+00	0.00E+00	1.87E-05
2013	ALL	462881.2	3772684	NonCancer	0.00E+00	5.21E-09	0.00E+00	3.68E-10	3.68E-10	1.74E-07	1.88E-05	0.00E+00	1.60E-08	0.00E+00	3.68E-10	5.95E-07	0.00E+00	0.00E+00	1.88E-05
2014	ALL	462890.1	3772680	NonCancer	0.00E+00	5.23E-09	0.00E+00	3.69E-10	3.69E-10	1.74E-07	1.88E-05	0.00E+00	1.61E-08	0.00E+00	3.69E-10	5.97E-07	0.00E+00	0.00E+00	1.88E-05
2015	ALL	462899.1	3772676	NonCancer	0.00E+00	5.24E-09	0.00E+00	3.70E-10	3.70E-10	1.75E-07	1.88E-05	0.00E+00	1.61E-08	0.00E+00	3.70E-10	5.98E-07	0.00E+00	0.00E+00	1.88E-05
2016	ALL	462908	3772673	NonCancer	0.00E+00	5.26E-09	0.00E+00	3.72E-10	3.72E-10	1.75E-07	1.88E-05	0.00E+00	1.62E-08	0.00E+00	3.72E-10	6.00E-07	0.00E+00	0.00E+00	1.88E-05
2017	ALL	462438	3773153	NonCancer	0.00E+00	3.56E-09	0.00E+00	2.52E-10	2.52E-10	1.19E-07	1.31E-05	0.00E+00	1.10E-08	0.00E+00	2.52E-10	4.07E-07	0.00E+00	0.00E+00	1.31E-05
2018	ALL	462438.1	3773163	NonCancer	0.00E+00	3.57E-09	0.00E+00	2.52E-10	2.52E-10	1.19E-07	1.31E-05	0.00E+00	1.10E-08	0.00E+00	2.52E-10	4.07E-07	0.00E+00	0.00E+00	1.31E-05
2019	ALL	462438.2	3773173	NonCancer	0.00E+00	3.57E-09	0.00E+00	2.52E-10	2.52E-10	1.19E-07	1.31E-05	0.00E+00	1.10E-08	0.00E+00	2.52E-10	4.08E-07	0.00E+00	0.00E+00	1.31E-05
2020	ALL	462438.3	3773183	NonCancer	0.00E+00	3.57E-09	0.00E+00	2.53E-10	2.53E-10	1.19E-07	1.31E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.08E-07	0.00E+00	0.00E+00	1.31E-05
2021	ALL	462438.4	3773193	NonCancer	0.00E+00	3.58E-09	0.00E+00	2.53E-10	2.53E-10	1.19E-07	1.31E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.08E-07	0.00E+00	0.00E+00	1.31E-05
2022	ALL	462438.5	3773203	NonCancer	0.00E+00	3.58E-09	0.00E+00	2.53E-10	2.53E-10	1.19E-07	1.31E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.09E-07	0.00E+00	0.00E+00	1.31E-05
2023	ALL	462438.6	3773213	NonCancer	0.00E+00	3.58E-09	0.00E+00	2.53E-10	2.53E-10	1.19E-07	1.31E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.09E-07	0.00E+00	0.00E+00	1.31E-05
2024	ALL	462438.7	3773223	NonCancer	0.00E+00	3.58E-09	0.00E+00	2.53E-10	2.53E-10	1.19E-07	1.31E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.09E-07	0.00E+00	0.00E+00	1.31E-05
2025	ALL	462438.8	3773233	NonCancer	0.00E+00	3.58E-09	0.00E+00	2.53E-10	2.53E-10	1.19E-07	1.30E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.08E-07	0.00E+00	0.00E+00	1.30E-05
2026	ALL	462438.8	3773243	NonCancer	0.00E+00	3.57E-09	0.00E+00	2.53E-10	2.53E-10	1.19E-07	1.30E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.08E-07	0.00E+00	0.00E+00	1.30E-05
2027	ALL	462422.8	3773117	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.41E-10	2.41E-10	1.14E-07	1.25E-05	0.00E+00	1.05E-08	0.00E+00	2.41E-10	3.90E-07	0.00E+00	0.00E+00	1.25E-05
2028	ALL	462426.4	3773108	NonCancer	0.00E+00	3.44E-09	0.00E+00	2.43E-10	2.43E-10	1.15E-07	1.26E-05	0.00E+00	1.06E-08	0.00E+00	2.43E-10	3.92E-07	0.00E+00	0.00E+00	1.26E-05
2029	ALL	462430.1	3773099	NonCancer	0.00E+00	3.46E-09	0.00E+00	2.44E-10	2.44E-10	1.15E-07	1.27E-05	0.00E+00	1.06E-08	0.00E+00	2.44E-10	3.94E-07	0.00E+00	0.00E+00	1.27E-05
2030	ALL	462433.8	3773090	NonCancer	0.00E+00	3.47E-09	0.00E+00	2.46E-10	2.46E-10	1.16E-07	1.28E-05	0.00E+00	1.07E-08	0.00E+00	2.46E-10	3.97E-07	0.00E+00	0.00E+00	1.28E-05
2031	ALL	462437.5	3773081	NonCancer	0.00E+00	3.49E-09	0.00E+00	2.47E-10	2.47E-10	1.16E-07	1.28E-05	0.00E+00	1.08E-08	0.00E+00	2.47E-10	3.99E-07	0.00E+00	0.00E+00	1.28E-05
2032	ALL	462448.5	3773054	NonCancer	0.00E+00	3.54E-09	0.00E+00	2.50E-10	2.50E-10	1.18E-07	1.30E-05	0.00E+00	1.09E-08	0.00E+00	2.50E-10	4.04E-07	0.00E+00	0.00E+00	1.30E-05
2033	ALL	462452.2	3773045	NonCancer	0.00E+00	3.55E-09	0.00E+00	2.51E-10	2.51E-10	1.18E-07	1.31E-05	0.00E+00	1.09E-08	0.00E+00	2.51E-10	4.05E-07	0.00E+00	0.00E+00	1.31E-05
2034	ALL	462455.9	3773035	NonCancer	0.00E+00	3.56E-09	0.00E+00	2.52E-10	2.52E-10	1.19E-07	1.32E-05	0.00E+00	1.10E-08	0.00E+00	2.52E-10	4.07E-07	0.00E+00	0.00E+00	1.32E-05
2035	ALL	462459.6	3773026	NonCancer	0.00E+00	3.58E-09	0.00E+00	2.53E-10	2.53E-10	1.19E-07	1.32E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.08E-07	0.00E+00	0.00E+00	1.32E-05
2036	ALL	462463.3	3773017	NonCancer	0.00E+00	3.59E-09	0.00E+00	2.54E-10	2.54E-10	1.20E-07	1.33E-05	0.00E+00	1.10E-08	0.00E+00	2.54E-10	4.10E-07	0.00E+00	0.00E+00	1.33E-05
2037	ALL	462467	3773008	NonCancer	0.00E+00	3.60E-09	0.00E+00	2.54E-10	2.54E-10	1.20E-07	1.33E-05	0.00E+00	1.11E-08	0.00E+00	2.54E-10	4.11E-07	0.00E+00	0.00E+00	1.33E-05
2038	ALL	462470.6	3772999	NonCancer	0.00E+00	3.61E-09	0.00E+00	2.55E-10	2.55E-10	1.20E-07	1.33E-05	0.00E+00	1.11E-08	0.00E+00	2.55E-10	4.12E-07	0.00E+00	0.00E+00	1.33E-05
2039	ALL	462474.3	3772990	NonCancer	0.00E+00	3.62E-09	0.00E+00	2.55E-10	2.55E-10	1.21E-07	1.34E-05	0.00E+00	1.11E-08	0.00E+00	2.55E-10	4.13E-07	0.00E+00	0.00E+00	1.34E-05
2040	ALL	462478	3772981	NonCancer	0.00E+00	3.62E-09	0.00E+00	2.56E-10	2.56E-10	1.21E-07	1.34E-05	0.00E+00	1.12E-08	0.00E+00	2.56E-10	4.14E-07	0.00E+00	0.00E+00	1.34E-05
2041	ALL	462481.7	3772972	NonCancer	0.00E+00	3.63E-09	0.00E+00	2.57E-10	2.57E-10	1.21E-07	1.34E-05	0.00E+00	1.12E-08	0.00E+00	2.57E-10	4.15E-07	0.00E+00	0.00E+00	1.34E-05
2042	ALL	462485.4	3772963	NonCancer	0.00E+00	3.64E-09	0.00E+00	2.57E-10	2.57E-10	1.21E-07	1.35E-05	0.00E+00	1.12E-08	0.00E+00	2.57E-10	4.15E-07	0.00E+00	0.00E+00	1.35E-05
2043	ALL	462489.1	3772954	NonCancer	0.00E+00	3.64E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.35E-05	0.00E+00	1.12E-08	0.00E+00	2.58E-10	4.16E-07	0.00E+00	0.00E+00	1.35E-05
2044	ALL	462492.7	3772945	NonCancer	0.00E+00	3.65E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.35E-05	0.00E+00	1.12E-08	0.00E+00	2.58E-10	4.16E-07	0.00E+00	0.00E+00	1.35E-05
2045	ALL	462496.4	3772936	NonCancer	0.00E+00	3.65E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.35E-05	0.00E+00	1.12E-08	0.00E+00	2.58E-10	4.17E-07	0.00E+00	0.00E+00	1.35E-05
2046	ALL	462503.8	3772917	NonCancer	0.00E+00	3.66E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.35E-05	0.00E+00	1.13E-08	0.00E+00	2.58E-10	4.17E-07	0.00E+00	0.00E+00	1.35E-05
2047	ALL	462507.5	3772908	NonCancer	0.00E+00	3.66E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.35E-05	0.00E+00	1.13E-08	0.00E+00	2.58E-10	4.17E-07	0.00E+00	0.00E+00	1.35E-05
2048	ALL	462511.2	3772899	NonCancer	0.00E+00	3.66E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.35E-05	0.00E+00	1.13E-08	0.00E+00	2.58E-10	4.17E-07	0.00E+00	0.00E+00	1.35E-05
2049	ALL	462514.8	3772890	NonCancer	0.00E+00	3.66E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.35E-05	0.00E+00	1.13E-08	0.00E+00	2.58E-10	4.18E-07	0.00E+00	0.00E+00	1.35E-05
2050	ALL	462536.9	3772836	NonCancer	0.00E+00	3.64E-09	0.00E+00	2.57E-10	2.57E-10	1.21E-07	1.34E-05	0.00E+00	1.12E-08	0.00E+00	2.57E-10	4.16E-07	0.00E+00	0.00E+00	1.34E-05

2051	ALL	462540.6	3772827	NonCancer	0.00E+00	3.64E-09	0.00E+00	2.57E-10	2.57E-10	1.21E-07	1.34E-05	0.00E+00	1.12E-08	0.00E+00	2.57E-10	4.15E-07	0.00E+00	0.00E+00	1.34E-05
2052	ALL	462544.3	3772817	NonCancer	0.00E+00	3.63E-09	0.00E+00	2.57E-10	2.57E-10	1.21E-07	1.34E-05	0.00E+00	1.12E-08	0.00E+00	2.57E-10	4.15E-07	0.00E+00	0.00E+00	1.34E-05
2053	ALL	462548	3772808	NonCancer	0.00E+00	3.62E-09	0.00E+00	2.56E-10	2.56E-10	1.21E-07	1.33E-05	0.00E+00	1.12E-08	0.00E+00	2.56E-10	4.14E-07	0.00E+00	0.00E+00	1.33E-05
2054	ALL	462551.7	3772799	NonCancer	0.00E+00	3.62E-09	0.00E+00	2.56E-10	2.56E-10	1.21E-07	1.33E-05	0.00E+00	1.11E-08	0.00E+00	2.56E-10	4.13E-07	0.00E+00	0.00E+00	1.33E-05
2055	ALL	462564.4	3772786	NonCancer	0.00E+00	3.65E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.34E-05	0.00E+00	1.13E-08	0.00E+00	2.58E-10	4.17E-07	0.00E+00	0.00E+00	1.34E-05
2056	ALL	462573.4	3772783	NonCancer	0.00E+00	3.70E-09	0.00E+00	2.62E-10	2.62E-10	1.23E-07	1.36E-05	0.00E+00	1.14E-08	0.00E+00	2.62E-10	4.23E-07	0.00E+00	0.00E+00	1.36E-05
2057	ALL	462582.5	3772779	NonCancer	0.00E+00	3.75E-09	0.00E+00	2.65E-10	2.65E-10	1.25E-07	1.38E-05	0.00E+00	1.15E-08	0.00E+00	2.65E-10	4.28E-07	0.00E+00	0.00E+00	1.38E-05
2058	ALL	462591.5	3772775	NonCancer	0.00E+00	3.80E-09	0.00E+00	2.69E-10	2.69E-10	1.27E-07	1.40E-05	0.00E+00	1.17E-08	0.00E+00	2.69E-10	4.34E-07	0.00E+00	0.00E+00	1.40E-05
2059	ALL	462627.7	3772760	NonCancer	0.00E+00	3.99E-09	0.00E+00	2.82E-10	2.82E-10	1.33E-07	1.47E-05	0.00E+00	1.23E-08	0.00E+00	2.82E-10	4.56E-07	0.00E+00	0.00E+00	1.47E-05
2060	ALL	462636.7	3772756	NonCancer	0.00E+00	4.04E-09	0.00E+00	2.85E-10	2.85E-10	1.35E-07	1.49E-05	0.00E+00	1.24E-08	0.00E+00	2.85E-10	4.61E-07	0.00E+00	0.00E+00	1.49E-05
2061	ALL	462645.8	3772752	NonCancer	0.00E+00	4.09E-09	0.00E+00	2.89E-10	2.89E-10	1.36E-07	1.51E-05	0.00E+00	1.26E-08	0.00E+00	2.89E-10	4.66E-07	0.00E+00	0.00E+00	1.51E-05
2062	ALL	462654.8	3772749	NonCancer	0.00E+00	4.13E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.52E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.72E-07	0.00E+00	0.00E+00	1.52E-05
2063	ALL	462663.8	3772745	NonCancer	0.00E+00	4.18E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.54E-05	0.00E+00	1.29E-08	0.00E+00	2.95E-10	4.77E-07	0.00E+00	0.00E+00	1.54E-05
2064	ALL	462672.9	3772741	NonCancer	0.00E+00	4.22E-09	0.00E+00	2.98E-10	2.98E-10	1.41E-07	1.56E-05	0.00E+00	1.30E-08	0.00E+00	2.98E-10	4.82E-07	0.00E+00	0.00E+00	1.56E-05
2065	ALL	462681.9	3772737	NonCancer	0.00E+00	4.27E-09	0.00E+00	3.02E-10	3.02E-10	1.42E-07	1.57E-05	0.00E+00	1.31E-08	0.00E+00	3.02E-10	4.87E-07	0.00E+00	0.00E+00	1.57E-05
2066	ALL	462691	3772733	NonCancer	0.00E+00	4.31E-09	0.00E+00	3.05E-10	3.05E-10	1.44E-07	1.59E-05	0.00E+00	1.33E-08	0.00E+00	3.05E-10	4.92E-07	0.00E+00	0.00E+00	1.59E-05
2067	ALL	462718.1	3772722	NonCancer	0.00E+00	4.43E-09	0.00E+00	3.13E-10	3.13E-10	1.48E-07	1.63E-05	0.00E+00	1.37E-08	0.00E+00	3.13E-10	5.06E-07	0.00E+00	0.00E+00	1.63E-05
2068	ALL	462727.1	3772718	NonCancer	0.00E+00	4.47E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.64E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.10E-07	0.00E+00	0.00E+00	1.64E-05
2069	ALL	462736.2	3772715	NonCancer	0.00E+00	4.51E-09	0.00E+00	3.19E-10	3.19E-10	1.50E-07	1.66E-05	0.00E+00	1.39E-08	0.00E+00	3.19E-10	5.15E-07	0.00E+00	0.00E+00	1.66E-05
2070	ALL	462745.2	3772711	NonCancer	0.00E+00	4.55E-09	0.00E+00	3.21E-10	3.21E-10	1.52E-07	1.67E-05	0.00E+00	1.40E-08	0.00E+00	3.21E-10	5.19E-07	0.00E+00	0.00E+00	1.67E-05
2071	ALL	462754.2	3772707	NonCancer	0.00E+00	4.58E-09	0.00E+00	3.24E-10	3.24E-10	1.53E-07	1.68E-05	0.00E+00	1.41E-08	0.00E+00	3.24E-10	5.23E-07	0.00E+00	0.00E+00	1.68E-05
2072	ALL	462799.4	3772688	NonCancer	0.00E+00	4.73E-09	0.00E+00	3.34E-10	3.34E-10	1.58E-07	1.72E-05	0.00E+00	1.46E-08	0.00E+00	3.34E-10	5.40E-07	0.00E+00	0.00E+00	1.72E-05
2073	ALL	462808.5	3772684	NonCancer	0.00E+00	4.76E-09	0.00E+00	3.36E-10	3.36E-10	1.59E-07	1.73E-05	0.00E+00	1.46E-08	0.00E+00	3.36E-10	5.43E-07	0.00E+00	0.00E+00	1.73E-05
2074	ALL	462817.5	3772680	NonCancer	0.00E+00	4.78E-09	0.00E+00	3.38E-10	3.38E-10	1.59E-07	1.73E-05	0.00E+00	1.47E-08	0.00E+00	3.38E-10	5.46E-07	0.00E+00	0.00E+00	1.73E-05
2075	ALL	462826.5	3772677	NonCancer	0.00E+00	4.80E-09	0.00E+00	3.39E-10	3.39E-10	1.60E-07	1.74E-05	0.00E+00	1.48E-08	0.00E+00	3.39E-10	5.48E-07	0.00E+00	0.00E+00	1.74E-05
2076	ALL	462835.6	3772673	NonCancer	0.00E+00	4.83E-09	0.00E+00	3.41E-10	3.41E-10	1.61E-07	1.74E-05	0.00E+00	1.49E-08	0.00E+00	3.41E-10	5.51E-07	0.00E+00	0.00E+00	1.74E-05
2077	ALL	462844.6	3772669	NonCancer	0.00E+00	4.85E-09	0.00E+00	3.43E-10	3.43E-10	1.62E-07	1.75E-05	0.00E+00	1.49E-08	0.00E+00	3.43E-10	5.53E-07	0.00E+00	0.00E+00	1.75E-05
2078	ALL	462853.7	3772665	NonCancer	0.00E+00	4.87E-09	0.00E+00	3.44E-10	3.44E-10	1.62E-07	1.75E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.56E-07	0.00E+00	0.00E+00	1.75E-05
2079	ALL	462862.7	3772662	NonCancer	0.00E+00	4.89E-09	0.00E+00	3.45E-10	3.45E-10	1.63E-07	1.75E-05	0.00E+00	1.50E-08	0.00E+00	3.45E-10	5.58E-07	0.00E+00	0.00E+00	1.75E-05
2080	ALL	462871.7	3772658	NonCancer	0.00E+00	4.91E-09	0.00E+00	3.47E-10	3.47E-10	1.64E-07	1.75E-05	0.00E+00	1.51E-08	0.00E+00	3.47E-10	5.60E-07	0.00E+00	0.00E+00	1.75E-05
2081	ALL	462880.8	3772654	NonCancer	0.00E+00	4.92E-09	0.00E+00	3.48E-10	3.48E-10	1.64E-07	1.76E-05	0.00E+00	1.52E-08	0.00E+00	3.48E-10	5.62E-07	0.00E+00	0.00E+00	1.76E-05
2082	ALL	462889.8	3772650	NonCancer	0.00E+00	4.94E-09	0.00E+00	3.49E-10	3.49E-10	1.65E-07	1.76E-05	0.00E+00	1.52E-08	0.00E+00	3.49E-10	5.64E-07	0.00E+00	0.00E+00	1.76E-05
2083	ALL	462898.9	3772646	NonCancer	0.00E+00	4.96E-09	0.00E+00	3.50E-10	3.50E-10	1.65E-07	1.76E-05	0.00E+00	1.53E-08	0.00E+00	3.50E-10	5.66E-07	0.00E+00	0.00E+00	1.76E-05
2084	ALL	462907.9	3772643	NonCancer	0.00E+00	4.98E-09	0.00E+00	3.52E-10	3.52E-10	1.66E-07	1.76E-05	0.00E+00	1.53E-08	0.00E+00	3.52E-10	5.68E-07	0.00E+00	0.00E+00	1.76E-05
2085	ALL	462381.7	3773145	NonCancer	0.00E+00	3.15E-09	0.00E+00	2.23E-10	2.23E-10	1.05E-07	1.14E-05	0.00E+00	9.71E-09	0.00E+00	2.23E-10	3.60E-07	0.00E+00	0.00E+00	1.14E-05
2086	ALL	462385.5	3773135	NonCancer	0.00E+00	3.17E-09	0.00E+00	2.24E-10	2.24E-10	1.06E-07	1.15E-05	0.00E+00	9.76E-09	0.00E+00	2.24E-10	3.62E-07	0.00E+00	0.00E+00	1.15E-05
2087	ALL	462389.2	3773126	NonCancer	0.00E+00	3.19E-09	0.00E+00	2.25E-10	2.25E-10	1.06E-07	1.16E-05	0.00E+00	9.82E-09	0.00E+00	2.25E-10	3.64E-07	0.00E+00	0.00E+00	1.16E-05
2088	ALL	462392.9	3773117	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.26E-10	2.26E-10	1.07E-07	1.17E-05	0.00E+00	9.87E-09	0.00E+00	2.26E-10	3.66E-07	0.00E+00	0.00E+00	1.17E-05
2089	ALL	462396.6	3773108	NonCancer	0.00E+00	3.22E-09	0.00E+00	2.28E-10	2.28E-10	1.08E-07	1.18E-05	0.00E+00	9.92E-09	0.00E+00	2.28E-10	3.68E-07	0.00E+00	0.00E+00	1.18E-05
2090	ALL	462400.3	3773099	NonCancer	0.00E+00	3.24E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.18E-05	0.00E+00	9.98E-09	0.00E+00	2.29E-10	3.70E-07	0.00E+00	0.00E+00	1.18E-05
2091	ALL	462404	3773090	NonCancer	0.00E+00	3.26E-09	0.00E+00	2.30E-10	2.30E-10	1.09E-07	1.19E-05	0.00E+00	1.00E-08	0.00E+00	2.30E-10	3.72E-07	0.00E+00	0.00E+00	1.19E-05
2092	ALL	462407.7	3773081	NonCancer	0.00E+00	3.28E-09	0.00E+00	2.31E-10	2.31E-10	1.09E-07	1.20E-05	0.00E+00	1.01E-08	0.00E+00	2.31E-10	3.74E-07	0.00E+00	0.00E+00	1.20E-05
2093	ALL	462422.6	3773044	NonCancer	0.00E+00	3.33E-09	0.00E+00	2.35E-10	2.35E-10	1.11E-07	1.22E-05	0.00E+00	1.03E-08	0.00E+00	2.35E-10	3.80E-07	0.00E+00	0.00E+00	1.22E-05
2094	ALL	462426.3	3773035	NonCancer	0.00E+00	3.34E-09	0.00E+00	2.36E-10	2.36E-10	1.12E-07	1.23E-05	0.00E+00	1.03E-08	0.00E+00	2.36E-10	3.82E-07	0.00E+00	0.00E+00	1.23E-05
2095	ALL	462430	3773026	NonCancer	0.00E+00	3.36E-09	0.00E+00	2.37E-10	2.37E-10	1.12E-07	1.23E-05	0.00E+00	1.03E-08	0.00E+00	2.37E-10	3.83E-07	0.00E+00	0.00E+00	1.23E-05
2096	ALL	462433.7	3773016	NonCancer	0.00E+00	3.37E-09	0.00E+00	2.38E-10	2.38E-10	1.12E-07	1.24E-05	0.00E+00	1.04E-08	0.00E+00	2.38E-10	3.84E-07	0.00E+00	0.00E+00	1.24E-05
2097	ALL	462437.5	3773007	NonCancer	0.00E+00	3.38E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	1.24E-05	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.85E-07	0.00E+00	0.00E+00	1.24E-05
2098	ALL	462441.2	3772998	NonCancer	0.00E+00	3.38E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	1.24E-05	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.86E-07	0.00E+00	0.00E+00	1.24E-05
2099	ALL	462444.9	3772989	NonCancer	0.00E+00	3.39E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.25E-05	0.00E+00	1.04E-08	0.00E+00	2.40E-10	3.87E-07	0.00E+00	0.00E+00	1.25E-05
2100	ALL	462448.6	3772980	NonCancer	0.00E+00	3.40E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.25E-05	0.00E+00	1.05E-08	0.00E+00	2.40E-10	3.88E-07	0.00E+00	0.00E+00	1.25E-05
2101	ALL	462452.3	3772971	NonCancer	0.00E+00	3.41E-09	0.00E+00	2.41E-10	2.41E-10	1.14E-07	1.25E-05	0.00E+00	1.05E-08	0.00E+00	2.41E-10	3.89E-07	0.00E+00	0.00E+00	1.25E-05
2102	ALL	462456	3772961	NonCancer	0.00E+00	3.41E-09	0.00E+00	2.41E-10	2.41E-10	1.14E-07	1.26E-05	0.00E+00	1.05E-08	0.00E+00	2.41E-10	3.90E-07	0.00E+00	0.00E+00	1.26E-05
2103	ALL	462459.7	3772952	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.26E-05	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.90E-07	0.00E+00	0.00E+00	1.26E-05
2104	ALL	462463.5	3772943	NonCancer	0.00E+00	3.43E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.26E-05	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.91E-07	0.00E+00	0.00E+00	1.26E-05

2105	ALL	462467.2	3772934	NonCancer	0.00E+00	3.43E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.26E-05	0.00E+00	1.06E-08	0.00E+00	2.42E-10	3.92E-07	0.00E+00	0.00E+00	1.26E-05
2106	ALL	462474.6	3772916	NonCancer	0.00E+00	3.44E-09	0.00E+00	2.43E-10	2.43E-10	1.15E-07	1.26E-05	0.00E+00	1.06E-08	0.00E+00	2.43E-10	3.92E-07	0.00E+00	0.00E+00	1.26E-05
2107	ALL	462478.3	3772907	NonCancer	0.00E+00	3.44E-09	0.00E+00	2.43E-10	2.43E-10	1.15E-07	1.27E-05	0.00E+00	1.06E-08	0.00E+00	2.43E-10	3.92E-07	0.00E+00	0.00E+00	1.27E-05
2108	ALL	462482	3772897	NonCancer	0.00E+00	3.44E-09	0.00E+00	2.43E-10	2.43E-10	1.15E-07	1.27E-05	0.00E+00	1.06E-08	0.00E+00	2.43E-10	3.93E-07	0.00E+00	0.00E+00	1.27E-05
2109	ALL	462485.7	3772888	NonCancer	0.00E+00	3.44E-09	0.00E+00	2.43E-10	2.43E-10	1.15E-07	1.27E-05	0.00E+00	1.06E-08	0.00E+00	2.43E-10	3.93E-07	0.00E+00	0.00E+00	1.27E-05
2110	ALL	462508	3772833	NonCancer	0.00E+00	3.43E-09	0.00E+00	2.43E-10	2.43E-10	1.15E-07	1.26E-05	0.00E+00	1.06E-08	0.00E+00	2.43E-10	3.92E-07	0.00E+00	0.00E+00	1.26E-05
2111	ALL	462511.7	3772824	NonCancer	0.00E+00	3.43E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.26E-05	0.00E+00	1.06E-08	0.00E+00	2.42E-10	3.92E-07	0.00E+00	0.00E+00	1.26E-05
2112	ALL	462515.5	3772815	NonCancer	0.00E+00	3.43E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.26E-05	0.00E+00	1.06E-08	0.00E+00	2.42E-10	3.91E-07	0.00E+00	0.00E+00	1.26E-05
2113	ALL	462519.2	3772806	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.25E-05	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.91E-07	0.00E+00	0.00E+00	1.25E-05
2114	ALL	462522.9	3772797	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.41E-10	2.41E-10	1.14E-07	1.25E-05	0.00E+00	1.05E-08	0.00E+00	2.41E-10	3.90E-07	0.00E+00	0.00E+00	1.25E-05
2115	ALL	462526.6	3772787	NonCancer	0.00E+00	3.41E-09	0.00E+00	2.41E-10	2.41E-10	1.14E-07	1.25E-05	0.00E+00	1.05E-08	0.00E+00	2.41E-10	3.89E-07	0.00E+00	0.00E+00	1.25E-05
2116	ALL	462530.3	3772778	NonCancer	0.00E+00	3.40E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.24E-05	0.00E+00	1.05E-08	0.00E+00	2.40E-10	3.88E-07	0.00E+00	0.00E+00	1.24E-05
2117	ALL	462543.1	3772765	NonCancer	0.00E+00	3.44E-09	0.00E+00	2.43E-10	2.43E-10	1.15E-07	1.26E-05	0.00E+00	1.06E-08	0.00E+00	2.43E-10	3.92E-07	0.00E+00	0.00E+00	1.26E-05
2118	ALL	462552.3	3772762	NonCancer	0.00E+00	3.48E-09	0.00E+00	2.46E-10	2.46E-10	1.16E-07	1.27E-05	0.00E+00	1.07E-08	0.00E+00	2.46E-10	3.97E-07	0.00E+00	0.00E+00	1.27E-05
2119	ALL	462561.4	3772758	NonCancer	0.00E+00	3.53E-09	0.00E+00	2.49E-10	2.49E-10	1.18E-07	1.29E-05	0.00E+00	1.09E-08	0.00E+00	2.49E-10	4.02E-07	0.00E+00	0.00E+00	1.29E-05
2120	ALL	462570.5	3772754	NonCancer	0.00E+00	3.57E-09	0.00E+00	2.52E-10	2.52E-10	1.19E-07	1.31E-05	0.00E+00	1.10E-08	0.00E+00	2.52E-10	4.07E-07	0.00E+00	0.00E+00	1.31E-05
2121	ALL	462579.6	3772750	NonCancer	0.00E+00	3.61E-09	0.00E+00	2.55E-10	2.55E-10	1.20E-07	1.32E-05	0.00E+00	1.11E-08	0.00E+00	2.55E-10	4.12E-07	0.00E+00	0.00E+00	1.32E-05
2122	ALL	462588.7	3772746	NonCancer	0.00E+00	3.66E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.34E-05	0.00E+00	1.13E-08	0.00E+00	2.58E-10	4.17E-07	0.00E+00	0.00E+00	1.34E-05
2123	ALL	462597.8	3772742	NonCancer	0.00E+00	3.70E-09	0.00E+00	2.61E-10	2.61E-10	1.23E-07	1.36E-05	0.00E+00	1.14E-08	0.00E+00	2.61E-10	4.22E-07	0.00E+00	0.00E+00	1.36E-05
2124	ALL	462634.3	3772727	NonCancer	0.00E+00	3.87E-09	0.00E+00	2.74E-10	2.74E-10	1.29E-07	1.42E-05	0.00E+00	1.19E-08	0.00E+00	2.74E-10	4.42E-07	0.00E+00	0.00E+00	1.42E-05
2125	ALL	462643.4	3772723	NonCancer	0.00E+00	3.92E-09	0.00E+00	2.77E-10	2.77E-10	1.31E-07	1.43E-05	0.00E+00	1.21E-08	0.00E+00	2.77E-10	4.47E-07	0.00E+00	0.00E+00	1.43E-05
2126	ALL	462652.5	3772720	NonCancer	0.00E+00	3.96E-09	0.00E+00	2.80E-10	2.80E-10	1.32E-07	1.45E-05	0.00E+00	1.22E-08	0.00E+00	2.80E-10	4.52E-07	0.00E+00	0.00E+00	1.45E-05
2127	ALL	462661.6	3772716	NonCancer	0.00E+00	4.00E-09	0.00E+00	2.82E-10	2.82E-10	1.33E-07	1.46E-05	0.00E+00	1.23E-08	0.00E+00	2.82E-10	4.56E-07	0.00E+00	0.00E+00	1.46E-05
2128	ALL	462670.8	3772712	NonCancer	0.00E+00	4.04E-09	0.00E+00	2.85E-10	2.85E-10	1.35E-07	1.48E-05	0.00E+00	1.24E-08	0.00E+00	2.85E-10	4.61E-07	0.00E+00	0.00E+00	1.48E-05
2129	ALL	462679.9	3772708	NonCancer	0.00E+00	4.07E-09	0.00E+00	2.88E-10	2.88E-10	1.36E-07	1.49E-05	0.00E+00	1.25E-08	0.00E+00	2.88E-10	4.65E-07	0.00E+00	0.00E+00	1.49E-05
2130	ALL	462725.5	3772689	NonCancer	0.00E+00	4.26E-09	0.00E+00	3.01E-10	3.01E-10	1.42E-07	1.55E-05	0.00E+00	1.31E-08	0.00E+00	3.01E-10	4.86E-07	0.00E+00	0.00E+00	1.55E-05
2131	ALL	462734.6	3772685	NonCancer	0.00E+00	4.29E-09	0.00E+00	3.03E-10	3.03E-10	1.43E-07	1.56E-05	0.00E+00	1.32E-08	0.00E+00	3.03E-10	4.89E-07	0.00E+00	0.00E+00	1.56E-05
2132	ALL	462743.7	3772681	NonCancer	0.00E+00	4.32E-09	0.00E+00	3.05E-10	3.05E-10	1.44E-07	1.57E-05	0.00E+00	1.33E-08	0.00E+00	3.05E-10	4.93E-07	0.00E+00	0.00E+00	1.57E-05
2133	ALL	462752.8	3772678	NonCancer	0.00E+00	4.35E-09	0.00E+00	3.07E-10	3.07E-10	1.45E-07	1.58E-05	0.00E+00	1.34E-08	0.00E+00	3.07E-10	4.97E-07	0.00E+00	0.00E+00	1.58E-05
2134	ALL	462761.9	3772674	NonCancer	0.00E+00	4.38E-09	0.00E+00	3.09E-10	3.09E-10	1.46E-07	1.59E-05	0.00E+00	1.35E-08	0.00E+00	3.09E-10	5.00E-07	0.00E+00	0.00E+00	1.59E-05
2135	ALL	462771	3772670	NonCancer	0.00E+00	4.41E-09	0.00E+00	3.11E-10	3.11E-10	1.47E-07	1.60E-05	0.00E+00	1.36E-08	0.00E+00	3.11E-10	5.03E-07	0.00E+00	0.00E+00	1.60E-05
2136	ALL	462780.1	3772666	NonCancer	0.00E+00	4.44E-09	0.00E+00	3.13E-10	3.13E-10	1.48E-07	1.60E-05	0.00E+00	1.37E-08	0.00E+00	3.13E-10	5.06E-07	0.00E+00	0.00E+00	1.60E-05
2137	ALL	462789.3	3772662	NonCancer	0.00E+00	4.46E-09	0.00E+00	3.15E-10	3.15E-10	1.49E-07	1.61E-05	0.00E+00	1.37E-08	0.00E+00	3.15E-10	5.09E-07	0.00E+00	0.00E+00	1.61E-05
2138	ALL	462798.4	3772658	NonCancer	0.00E+00	4.49E-09	0.00E+00	3.17E-10	3.17E-10	1.50E-07	1.62E-05	0.00E+00	1.38E-08	0.00E+00	3.17E-10	5.12E-07	0.00E+00	0.00E+00	1.62E-05
2139	ALL	462807.5	3772655	NonCancer	0.00E+00	4.51E-09	0.00E+00	3.19E-10	3.19E-10	1.50E-07	1.62E-05	0.00E+00	1.39E-08	0.00E+00	3.19E-10	5.15E-07	0.00E+00	0.00E+00	1.62E-05
2140	ALL	462816.6	3772651	NonCancer	0.00E+00	4.53E-09	0.00E+00	3.20E-10	3.20E-10	1.51E-07	1.63E-05	0.00E+00	1.40E-08	0.00E+00	3.20E-10	5.17E-07	0.00E+00	0.00E+00	1.63E-05
2141	ALL	462825.7	3772647	NonCancer	0.00E+00	4.55E-09	0.00E+00	3.22E-10	3.22E-10	1.52E-07	1.63E-05	0.00E+00	1.40E-08	0.00E+00	3.22E-10	5.20E-07	0.00E+00	0.00E+00	1.63E-05
2142	ALL	462834.8	3772643	NonCancer	0.00E+00	4.57E-09	0.00E+00	3.23E-10	3.23E-10	1.53E-07	1.64E-05	0.00E+00	1.41E-08	0.00E+00	3.23E-10	5.22E-07	0.00E+00	0.00E+00	1.64E-05
2143	ALL	462844	3772639	NonCancer	0.00E+00	4.59E-09	0.00E+00	3.25E-10	3.25E-10	1.53E-07	1.64E-05	0.00E+00	1.41E-08	0.00E+00	3.25E-10	5.24E-07	0.00E+00	0.00E+00	1.64E-05
2144	ALL	462853.1	3772636	NonCancer	0.00E+00	4.61E-09	0.00E+00	3.26E-10	3.26E-10	1.54E-07	1.64E-05	0.00E+00	1.42E-08	0.00E+00	3.26E-10	5.27E-07	0.00E+00	0.00E+00	1.64E-05
2145	ALL	462862.2	3772632	NonCancer	0.00E+00	4.63E-09	0.00E+00	3.27E-10	3.27E-10	1.54E-07	1.65E-05	0.00E+00	1.43E-08	0.00E+00	3.27E-10	5.29E-07	0.00E+00	0.00E+00	1.65E-05
2146	ALL	462871.3	3772628	NonCancer	0.00E+00	4.65E-09	0.00E+00	3.29E-10	3.29E-10	1.55E-07	1.65E-05	0.00E+00	1.43E-08	0.00E+00	3.29E-10	5.31E-07	0.00E+00	0.00E+00	1.65E-05
2147	ALL	462880.4	3772624	NonCancer	0.00E+00	4.67E-09	0.00E+00	3.30E-10	3.30E-10	1.56E-07	1.65E-05	0.00E+00	1.44E-08	0.00E+00	3.30E-10	5.33E-07	0.00E+00	0.00E+00	1.65E-05
2148	ALL	462889.5	3772620	NonCancer	0.00E+00	4.69E-09	0.00E+00	3.31E-10	3.31E-10	1.56E-07	1.65E-05	0.00E+00	1.44E-08	0.00E+00	3.31E-10	5.35E-07	0.00E+00	0.00E+00	1.65E-05
2149	ALL	462898.6	3772616	NonCancer	0.00E+00	4.70E-09	0.00E+00	3.32E-10	3.32E-10	1.57E-07	1.66E-05	0.00E+00	1.45E-08	0.00E+00	3.32E-10	5.37E-07	0.00E+00	0.00E+00	1.66E-05
2150	ALL	462907.8	3772613	NonCancer	0.00E+00	4.72E-09	0.00E+00	3.34E-10	3.34E-10	1.57E-07	1.66E-05	0.00E+00	1.45E-08	0.00E+00	3.34E-10	5.39E-07	0.00E+00	0.00E+00	1.66E-05
2151	ALL	462378	3773154	NonCancer	0.00E+00	3.13E-09	0.00E+00	2.21E-10	2.21E-10	1.04E-07	1.14E-05	0.00E+00	9.64E-09	0.00E+00	2.21E-10	3.57E-07	0.00E+00	0.00E+00	1.14E-05
2152	ALL	462378.1	3773164	NonCancer	0.00E+00	3.13E-09	0.00E+00	2.21E-10	2.21E-10	1.05E-07	1.14E-05	0.00E+00	9.65E-09	0.00E+00	2.21E-10	3.58E-07	0.00E+00	0.00E+00	1.14E-05
2153	ALL	462378.2	3773174	NonCancer	0.00E+00	3.14E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.14E-05	0.00E+00	9.66E-09	0.00E+00	2.22E-10	3.58E-07	0.00E+00	0.00E+00	1.14E-05
2154	ALL	462378.3	3773184	NonCancer	0.00E+00	3.14E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.14E-05	0.00E+00	9.67E-09	0.00E+00	2.22E-10	3.58E-07	0.00E+00	0.00E+00	1.14E-05
2155	ALL	462378.4	3773194	NonCancer	0.00E+00	3.14E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.14E-05	0.00E+00	9.68E-09	0.00E+00	2.22E-10	3.59E-07	0.00E+00	0.00E+00	1.14E-05
2156	ALL	462378.5	3773204	NonCancer	0.00E+00	3.15E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.14E-05	0.00E+00	9.69E-09	0.00E+00	2.22E-10	3.59E-07	0.00E+00	0.00E+00	1.14E-05
2157	ALL	462378.6	3773214	NonCancer	0.00E+00	3.15E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.14E-05	0.00E+00	9.68E-09	0.00E+00	2.22E-10	3.59E-07	0.00E+00	0.00E+00	1.14E-05
2158	ALL	462378.7	3773223	NonCancer	0.00E+00	3.14E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.13E-05	0.00E+00	9.68E-09	0.00E+00	2.22E-10	3.59E-07	0.00E+00	0.00E+00	1.13E-05

2159	ALL	462378.8	3773233	NonCancer	0.00E+00	3.14E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.13E-05	0.00E+00	9.67E-09	0.00E+00	2.22E-10	3.58E-07	0.00E+00	0.00E+00	1.13E-05
2160	ALL	462378.8	3773243	NonCancer	0.00E+00	3.14E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.13E-05	0.00E+00	9.66E-09	0.00E+00	2.22E-10	3.58E-07	0.00E+00	0.00E+00	1.13E-05
2161	ALL	462351.7	3773145	NonCancer	0.00E+00	2.97E-09	0.00E+00	2.10E-10	2.10E-10	9.90E-08	1.07E-05	0.00E+00	9.14E-09	0.00E+00	2.10E-10	3.39E-07	0.00E+00	0.00E+00	1.07E-05
2162	ALL	462355.3	3773136	NonCancer	0.00E+00	2.98E-09	0.00E+00	2.11E-10	2.11E-10	9.95E-08	1.08E-05	0.00E+00	9.19E-09	0.00E+00	2.11E-10	3.41E-07	0.00E+00	0.00E+00	1.08E-05
2163	ALL	462359	3773127	NonCancer	0.00E+00	3.00E-09	0.00E+00	2.12E-10	2.12E-10	1.00E-07	1.09E-05	0.00E+00	9.24E-09	0.00E+00	2.12E-10	3.42E-07	0.00E+00	0.00E+00	1.09E-05
2164	ALL	462362.7	3773118	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.13E-10	2.13E-10	1.01E-07	1.09E-05	0.00E+00	9.28E-09	0.00E+00	2.13E-10	3.44E-07	0.00E+00	0.00E+00	1.09E-05
2165	ALL	462366.3	3773109	NonCancer	0.00E+00	3.03E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.10E-05	0.00E+00	9.33E-09	0.00E+00	2.14E-10	3.46E-07	0.00E+00	0.00E+00	1.10E-05
2166	ALL	462370	3773100	NonCancer	0.00E+00	3.04E-09	0.00E+00	2.15E-10	2.15E-10	1.02E-07	1.10E-05	0.00E+00	9.37E-09	0.00E+00	2.15E-10	3.47E-07	0.00E+00	0.00E+00	1.10E-05
2167	ALL	462373.6	3773091	NonCancer	0.00E+00	3.06E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	1.11E-05	0.00E+00	9.42E-09	0.00E+00	2.16E-10	3.49E-07	0.00E+00	0.00E+00	1.11E-05
2168	ALL	462377.3	3773082	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.03E-07	1.12E-05	0.00E+00	9.47E-09	0.00E+00	2.17E-10	3.51E-07	0.00E+00	0.00E+00	1.12E-05
2169	ALL	462381	3773073	NonCancer	0.00E+00	3.09E-09	0.00E+00	2.18E-10	2.18E-10	1.03E-07	1.12E-05	0.00E+00	9.51E-09	0.00E+00	2.18E-10	3.53E-07	0.00E+00	0.00E+00	1.12E-05
2170	ALL	462388.3	3773055	NonCancer	0.00E+00	3.12E-09	0.00E+00	2.20E-10	2.20E-10	1.04E-07	1.14E-05	0.00E+00	9.59E-09	0.00E+00	2.20E-10	3.56E-07	0.00E+00	0.00E+00	1.14E-05
2171	ALL	462391.9	3773046	NonCancer	0.00E+00	3.13E-09	0.00E+00	2.21E-10	2.21E-10	1.04E-07	1.14E-05	0.00E+00	9.63E-09	0.00E+00	2.21E-10	3.57E-07	0.00E+00	0.00E+00	1.14E-05
2172	ALL	462395.6	3773037	NonCancer	0.00E+00	3.14E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.14E-05	0.00E+00	9.66E-09	0.00E+00	2.22E-10	3.58E-07	0.00E+00	0.00E+00	1.14E-05
2173	ALL	462399.3	3773028	NonCancer	0.00E+00	3.15E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.15E-05	0.00E+00	9.69E-09	0.00E+00	2.22E-10	3.59E-07	0.00E+00	0.00E+00	1.15E-05
2174	ALL	462402.9	3773019	NonCancer	0.00E+00	3.16E-09	0.00E+00	2.23E-10	2.23E-10	1.05E-07	1.15E-05	0.00E+00	9.73E-09	0.00E+00	2.23E-10	3.61E-07	0.00E+00	0.00E+00	1.15E-05
2175	ALL	462424.9	3772965	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.17E-05	0.00E+00	9.88E-09	0.00E+00	2.27E-10	3.66E-07	0.00E+00	0.00E+00	1.17E-05
2176	ALL	462428.5	3772956	NonCancer	0.00E+00	3.22E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.18E-05	0.00E+00	9.90E-09	0.00E+00	2.27E-10	3.67E-07	0.00E+00	0.00E+00	1.18E-05
2177	ALL	462432.2	3772947	NonCancer	0.00E+00	3.22E-09	0.00E+00	2.28E-10	2.28E-10	1.08E-07	1.18E-05	0.00E+00	9.93E-09	0.00E+00	2.28E-10	3.68E-07	0.00E+00	0.00E+00	1.18E-05
2178	ALL	462435.9	3772938	NonCancer	0.00E+00	3.23E-09	0.00E+00	2.28E-10	2.28E-10	1.08E-07	1.18E-05	0.00E+00	9.94E-09	0.00E+00	2.28E-10	3.69E-07	0.00E+00	0.00E+00	1.18E-05
2179	ALL	462446.8	3772910	NonCancer	0.00E+00	3.24E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.19E-05	0.00E+00	9.97E-09	0.00E+00	2.29E-10	3.70E-07	0.00E+00	0.00E+00	1.19E-05
2180	ALL	462450.5	3772901	NonCancer	0.00E+00	3.24E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.19E-05	0.00E+00	9.98E-09	0.00E+00	2.29E-10	3.70E-07	0.00E+00	0.00E+00	1.19E-05
2181	ALL	462454.1	3772892	NonCancer	0.00E+00	3.25E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.19E-05	0.00E+00	9.99E-09	0.00E+00	2.29E-10	3.70E-07	0.00E+00	0.00E+00	1.19E-05
2182	ALL	462457.8	3772883	NonCancer	0.00E+00	3.25E-09	0.00E+00	2.30E-10	2.30E-10	1.08E-07	1.19E-05	0.00E+00	1.00E-08	0.00E+00	2.30E-10	3.71E-07	0.00E+00	0.00E+00	1.19E-05
2183	ALL	462479.8	3772829	NonCancer	0.00E+00	3.25E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.18E-05	0.00E+00	9.99E-09	0.00E+00	2.29E-10	3.70E-07	0.00E+00	0.00E+00	1.18E-05
2184	ALL	462483.4	3772820	NonCancer	0.00E+00	3.24E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.18E-05	0.00E+00	9.99E-09	0.00E+00	2.29E-10	3.70E-07	0.00E+00	0.00E+00	1.18E-05
2185	ALL	462487.1	3772811	NonCancer	0.00E+00	3.24E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.18E-05	0.00E+00	9.98E-09	0.00E+00	2.29E-10	3.70E-07	0.00E+00	0.00E+00	1.18E-05
2186	ALL	462490.7	3772802	NonCancer	0.00E+00	3.24E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.18E-05	0.00E+00	9.96E-09	0.00E+00	2.29E-10	3.69E-07	0.00E+00	0.00E+00	1.18E-05
2187	ALL	462494.4	3772793	NonCancer	0.00E+00	3.23E-09	0.00E+00	2.28E-10	2.28E-10	1.08E-07	1.18E-05	0.00E+00	9.95E-09	0.00E+00	2.28E-10	3.69E-07	0.00E+00	0.00E+00	1.18E-05
2188	ALL	462498.1	3772784	NonCancer	0.00E+00	3.23E-09	0.00E+00	2.28E-10	2.28E-10	1.08E-07	1.17E-05	0.00E+00	9.93E-09	0.00E+00	2.28E-10	3.68E-07	0.00E+00	0.00E+00	1.17E-05
2189	ALL	462501.7	3772775	NonCancer	0.00E+00	3.22E-09	0.00E+00	2.28E-10	2.28E-10	1.07E-07	1.17E-05	0.00E+00	9.92E-09	0.00E+00	2.28E-10	3.68E-07	0.00E+00	0.00E+00	1.17E-05
2190	ALL	462505.4	3772766	NonCancer	0.00E+00	3.22E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.17E-05	0.00E+00	9.90E-09	0.00E+00	2.27E-10	3.67E-07	0.00E+00	0.00E+00	1.17E-05
2191	ALL	462509	3772757	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.17E-05	0.00E+00	9.88E-09	0.00E+00	2.27E-10	3.66E-07	0.00E+00	0.00E+00	1.17E-05
2192	ALL	462521.7	3772744	NonCancer	0.00E+00	3.24E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.18E-05	0.00E+00	9.98E-09	0.00E+00	2.29E-10	3.70E-07	0.00E+00	0.00E+00	1.18E-05
2193	ALL	462530.7	3772741	NonCancer	0.00E+00	3.28E-09	0.00E+00	2.32E-10	2.32E-10	1.09E-07	1.19E-05	0.00E+00	1.01E-08	0.00E+00	2.32E-10	3.74E-07	0.00E+00	0.00E+00	1.19E-05
2194	ALL	462539.6	3772737	NonCancer	0.00E+00	3.32E-09	0.00E+00	2.35E-10	2.35E-10	1.11E-07	1.21E-05	0.00E+00	1.02E-08	0.00E+00	2.35E-10	3.79E-07	0.00E+00	0.00E+00	1.21E-05
2195	ALL	462548.6	3772733	NonCancer	0.00E+00	3.36E-09	0.00E+00	2.37E-10	2.37E-10	1.12E-07	1.22E-05	0.00E+00	1.03E-08	0.00E+00	2.37E-10	3.83E-07	0.00E+00	0.00E+00	1.22E-05
2196	ALL	462557.6	3772729	NonCancer	0.00E+00	3.40E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.24E-05	0.00E+00	1.05E-08	0.00E+00	2.40E-10	3.88E-07	0.00E+00	0.00E+00	1.24E-05
2197	ALL	462566.6	3772726	NonCancer	0.00E+00	3.44E-09	0.00E+00	2.43E-10	2.43E-10	1.15E-07	1.25E-05	0.00E+00	1.06E-08	0.00E+00	2.43E-10	3.92E-07	0.00E+00	0.00E+00	1.25E-05
2198	ALL	462575.6	3772722	NonCancer	0.00E+00	3.47E-09	0.00E+00	2.45E-10	2.45E-10	1.16E-07	1.26E-05	0.00E+00	1.07E-08	0.00E+00	2.45E-10	3.97E-07	0.00E+00	0.00E+00	1.26E-05
2199	ALL	462584.5	3772718	NonCancer	0.00E+00	3.51E-09	0.00E+00	2.48E-10	2.48E-10	1.17E-07	1.28E-05	0.00E+00	1.08E-08	0.00E+00	2.48E-10	4.01E-07	0.00E+00	0.00E+00	1.28E-05
2200	ALL	462593.5	3772714	NonCancer	0.00E+00	3.55E-09	0.00E+00	2.51E-10	2.51E-10	1.18E-07	1.29E-05	0.00E+00	1.09E-08	0.00E+00	2.51E-10	4.05E-07	0.00E+00	0.00E+00	1.29E-05
2201	ALL	462656.4	3772688	NonCancer	0.00E+00	3.81E-09	0.00E+00	2.69E-10	2.69E-10	1.27E-07	1.39E-05	0.00E+00	1.17E-08	0.00E+00	2.69E-10	4.35E-07	0.00E+00	0.00E+00	1.39E-05
2202	ALL	462665.4	3772684	NonCancer	0.00E+00	3.85E-09	0.00E+00	2.72E-10	2.72E-10	1.28E-07	1.40E-05	0.00E+00	1.18E-08	0.00E+00	2.72E-10	4.39E-07	0.00E+00	0.00E+00	1.40E-05
2203	ALL	462674.3	3772680	NonCancer	0.00E+00	3.88E-09	0.00E+00	2.74E-10	2.74E-10	1.29E-07	1.41E-05	0.00E+00	1.19E-08	0.00E+00	2.74E-10	4.43E-07	0.00E+00	0.00E+00	1.41E-05
2204	ALL	462683.3	3772677	NonCancer	0.00E+00	3.91E-09	0.00E+00	2.77E-10	2.77E-10	1.31E-07	1.42E-05	0.00E+00	1.21E-08	0.00E+00	2.77E-10	4.47E-07	0.00E+00	0.00E+00	1.42E-05
2205	ALL	462692.3	3772673	NonCancer	0.00E+00	3.95E-09	0.00E+00	2.79E-10	2.79E-10	1.32E-07	1.43E-05	0.00E+00	1.22E-08	0.00E+00	2.79E-10	4.51E-07	0.00E+00	0.00E+00	1.43E-05
2206	ALL	462701.3	3772669	NonCancer	0.00E+00	3.98E-09	0.00E+00	2.81E-10	2.81E-10	1.33E-07	1.44E-05	0.00E+00	1.23E-08	0.00E+00	2.81E-10	4.54E-07	0.00E+00	0.00E+00	1.44E-05
2207	ALL	462710.3	3772665	NonCancer	0.00E+00	4.01E-09	0.00E+00	2.83E-10	2.83E-10	1.34E-07	1.45E-05	0.00E+00	1.24E-08	0.00E+00	2.83E-10	4.58E-07	0.00E+00	0.00E+00	1.45E-05
2208	ALL	462719.2	3772662	NonCancer	0.00E+00	4.04E-09	0.00E+00	2.86E-10	2.86E-10	1.35E-07	1.46E-05	0.00E+00	1.24E-08	0.00E+00	2.86E-10	4.61E-07	0.00E+00	0.00E+00	1.46E-05
2209	ALL	462728.2	3772658	NonCancer	0.00E+00	4.07E-09	0.00E+00	2.88E-10	2.88E-10	1.36E-07	1.47E-05	0.00E+00	1.25E-08	0.00E+00	2.88E-10	4.65E-07	0.00E+00	0.00E+00	1.47E-05
2210	ALL	462737.2	3772654	NonCancer	0.00E+00	4.10E-09	0.00E+00	2.90E-10	2.90E-10	1.37E-07	1.48E-05	0.00E+00	1.26E-08	0.00E+00	2.90E-10	4.68E-07	0.00E+00	0.00E+00	1.48E-05
2211	ALL	462746.2	3772650	NonCancer	0.00E+00	4.13E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.49E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.71E-07	0.00E+00	0.00E+00	1.49E-05
2212	ALL	462755.2	3772647	NonCancer	0.00E+00	4.15E-09	0.00E+00	2.93E-10	2.93E-10	1.38E-07	1.50E-05	0.00E+00	1.28E-08	0.00E+00	2.93E-10	4.74E-07	0.00E+00	0.00E+00	1.50E-05

2213	ALL	462764.1	3772643	NonCancer	0.00E+00	4.18E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.50E-05	0.00E+00	1.29E-08	0.00E+00	2.95E-10	4.77E-07	0.00E+00	0.00E+00	1.50E-05
2214	ALL	462773.1	3772639	NonCancer	0.00E+00	4.20E-09	0.00E+00	2.97E-10	2.97E-10	1.40E-07	1.51E-05	0.00E+00	1.29E-08	0.00E+00	2.97E-10	4.79E-07	0.00E+00	0.00E+00	1.51E-05
2215	ALL	462782.1	3772635	NonCancer	0.00E+00	4.22E-09	0.00E+00	2.98E-10	2.98E-10	1.41E-07	1.52E-05	0.00E+00	1.30E-08	0.00E+00	2.98E-10	4.82E-07	0.00E+00	0.00E+00	1.52E-05
2216	ALL	462791.1	3772631	NonCancer	0.00E+00	4.25E-09	0.00E+00	3.00E-10	3.00E-10	1.42E-07	1.52E-05	0.00E+00	1.31E-08	0.00E+00	3.00E-10	4.85E-07	0.00E+00	0.00E+00	1.52E-05
2217	ALL	462800.1	3772628	NonCancer	0.00E+00	4.27E-09	0.00E+00	3.02E-10	3.02E-10	1.42E-07	1.53E-05	0.00E+00	1.31E-08	0.00E+00	3.02E-10	4.87E-07	0.00E+00	0.00E+00	1.53E-05
2218	ALL	462809.1	3772624	NonCancer	0.00E+00	4.29E-09	0.00E+00	3.03E-10	3.03E-10	1.43E-07	1.53E-05	0.00E+00	1.32E-08	0.00E+00	3.03E-10	4.90E-07	0.00E+00	0.00E+00	1.53E-05
2219	ALL	462818	3772620	NonCancer	0.00E+00	4.31E-09	0.00E+00	3.05E-10	3.05E-10	1.44E-07	1.54E-05	0.00E+00	1.33E-08	0.00E+00	3.05E-10	4.92E-07	0.00E+00	0.00E+00	1.54E-05
2220	ALL	462827	3772616	NonCancer	0.00E+00	4.33E-09	0.00E+00	3.06E-10	3.06E-10	1.44E-07	1.54E-05	0.00E+00	1.33E-08	0.00E+00	3.06E-10	4.94E-07	0.00E+00	0.00E+00	1.54E-05
2221	ALL	462836	3772613	NonCancer	0.00E+00	4.35E-09	0.00E+00	3.07E-10	3.07E-10	1.45E-07	1.54E-05	0.00E+00	1.34E-08	0.00E+00	3.07E-10	4.96E-07	0.00E+00	0.00E+00	1.54E-05
2222	ALL	462845	3772609	NonCancer	0.00E+00	4.37E-09	0.00E+00	3.09E-10	3.09E-10	1.46E-07	1.55E-05	0.00E+00	1.34E-08	0.00E+00	3.09E-10	4.98E-07	0.00E+00	0.00E+00	1.55E-05
2223	ALL	462854	3772605	NonCancer	0.00E+00	4.39E-09	0.00E+00	3.10E-10	3.10E-10	1.46E-07	1.55E-05	0.00E+00	1.35E-08	0.00E+00	3.10E-10	5.01E-07	0.00E+00	0.00E+00	1.55E-05
2224	ALL	462862.9	3772601	NonCancer	0.00E+00	4.40E-09	0.00E+00	3.11E-10	3.11E-10	1.47E-07	1.55E-05	0.00E+00	1.36E-08	0.00E+00	3.11E-10	5.03E-07	0.00E+00	0.00E+00	1.55E-05
2225	ALL	462871.9	3772598	NonCancer	0.00E+00	4.42E-09	0.00E+00	3.12E-10	3.12E-10	1.47E-07	1.56E-05	0.00E+00	1.36E-08	0.00E+00	3.12E-10	5.05E-07	0.00E+00	0.00E+00	1.56E-05
2226	ALL	462880.9	3772594	NonCancer	0.00E+00	4.44E-09	0.00E+00	3.14E-10	3.14E-10	1.48E-07	1.56E-05	0.00E+00	1.37E-08	0.00E+00	3.14E-10	5.07E-07	0.00E+00	0.00E+00	1.56E-05
2227	ALL	462889.9	3772590	NonCancer	0.00E+00	4.46E-09	0.00E+00	3.15E-10	3.15E-10	1.49E-07	1.56E-05	0.00E+00	1.37E-08	0.00E+00	3.15E-10	5.09E-07	0.00E+00	0.00E+00	1.56E-05
2228	ALL	462898.9	3772586	NonCancer	0.00E+00	4.47E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.56E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.56E-05
2229	ALL	462907.8	3772583	NonCancer	0.00E+00	4.49E-09	0.00E+00	3.17E-10	3.17E-10	1.50E-07	1.57E-05	0.00E+00	1.38E-08	0.00E+00	3.17E-10	5.13E-07	0.00E+00	0.00E+00	1.57E-05
2230	ALL	462348	3773154	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.08E-10	2.08E-10	9.83E-08	1.06E-05	0.00E+00	9.08E-09	0.00E+00	2.08E-10	3.37E-07	0.00E+00	0.00E+00	1.06E-05
2231	ALL	462348.1	3773164	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.09E-10	2.09E-10	9.84E-08	1.06E-05	0.00E+00	9.09E-09	0.00E+00	2.09E-10	3.37E-07	0.00E+00	0.00E+00	1.06E-05
2232	ALL	462348.2	3773174	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.09E-10	2.09E-10	9.85E-08	1.06E-05	0.00E+00	9.09E-09	0.00E+00	2.09E-10	3.37E-07	0.00E+00	0.00E+00	1.06E-05
2233	ALL	462348.3	3773184	NonCancer	0.00E+00	2.96E-09	0.00E+00	2.09E-10	2.09E-10	9.86E-08	1.06E-05	0.00E+00	9.10E-09	0.00E+00	2.09E-10	3.37E-07	0.00E+00	0.00E+00	1.06E-05
2234	ALL	462348.4	3773194	NonCancer	0.00E+00	2.96E-09	0.00E+00	2.09E-10	2.09E-10	9.87E-08	1.07E-05	0.00E+00	9.11E-09	0.00E+00	2.09E-10	3.38E-07	0.00E+00	0.00E+00	1.07E-05
2235	ALL	462348.5	3773204	NonCancer	0.00E+00	2.96E-09	0.00E+00	2.09E-10	2.09E-10	9.87E-08	1.07E-05	0.00E+00	9.12E-09	0.00E+00	2.09E-10	3.38E-07	0.00E+00	0.00E+00	1.07E-05
2236	ALL	462348.6	3773214	NonCancer	0.00E+00	2.96E-09	0.00E+00	2.09E-10	2.09E-10	9.87E-08	1.06E-05	0.00E+00	9.11E-09	0.00E+00	2.09E-10	3.38E-07	0.00E+00	0.00E+00	1.06E-05
2237	ALL	462348.7	3773224	NonCancer	0.00E+00	2.96E-09	0.00E+00	2.09E-10	2.09E-10	9.87E-08	1.06E-05	0.00E+00	9.11E-09	0.00E+00	2.09E-10	3.38E-07	0.00E+00	0.00E+00	1.06E-05
2238	ALL	462348.8	3773234	NonCancer	0.00E+00	2.96E-09	0.00E+00	2.09E-10	2.09E-10	9.86E-08	1.06E-05	0.00E+00	9.10E-09	0.00E+00	2.09E-10	3.37E-07	0.00E+00	0.00E+00	1.06E-05
2239	ALL	462348.8	3773244	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.09E-10	2.09E-10	9.85E-08	1.06E-05	0.00E+00	9.10E-09	0.00E+00	2.09E-10	3.37E-07	0.00E+00	0.00E+00	1.06E-05
2240	ALL	462325.4	3773136	NonCancer	0.00E+00	2.81E-09	0.00E+00	1.99E-10	1.99E-10	9.38E-08	1.01E-05	0.00E+00	8.66E-09	0.00E+00	1.99E-10	3.21E-07	0.00E+00	0.00E+00	1.01E-05
2241	ALL	462329.1	3773127	NonCancer	0.00E+00	2.83E-09	0.00E+00	2.00E-10	2.00E-10	9.44E-08	1.02E-05	0.00E+00	8.71E-09	0.00E+00	2.00E-10	3.23E-07	0.00E+00	0.00E+00	1.02E-05
2242	ALL	462332.8	3773118	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.01E-10	2.01E-10	9.49E-08	1.02E-05	0.00E+00	8.76E-09	0.00E+00	2.01E-10	3.25E-07	0.00E+00	0.00E+00	1.02E-05
2243	ALL	462336.5	3773109	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.53E-08	1.03E-05	0.00E+00	8.80E-09	0.00E+00	2.02E-10	3.26E-07	0.00E+00	0.00E+00	1.03E-05
2244	ALL	462340.2	3773100	NonCancer	0.00E+00	2.87E-09	0.00E+00	2.03E-10	2.03E-10	9.58E-08	1.04E-05	0.00E+00	8.84E-09	0.00E+00	2.03E-10	3.28E-07	0.00E+00	0.00E+00	1.04E-05
2245	ALL	462343.8	3773091	NonCancer	0.00E+00	2.88E-09	0.00E+00	2.04E-10	2.04E-10	9.62E-08	1.04E-05	0.00E+00	8.88E-09	0.00E+00	2.04E-10	3.29E-07	0.00E+00	0.00E+00	1.04E-05
2246	ALL	462347.5	3773082	NonCancer	0.00E+00	2.90E-09	0.00E+00	2.05E-10	2.05E-10	9.67E-08	1.05E-05	0.00E+00	8.92E-09	0.00E+00	2.05E-10	3.31E-07	0.00E+00	0.00E+00	1.05E-05
2247	ALL	462351.2	3773072	NonCancer	0.00E+00	2.91E-09	0.00E+00	2.06E-10	2.06E-10	9.71E-08	1.05E-05	0.00E+00	8.97E-09	0.00E+00	2.06E-10	3.32E-07	0.00E+00	0.00E+00	1.05E-05
2248	ALL	462358.6	3773054	NonCancer	0.00E+00	2.94E-09	0.00E+00	2.08E-10	2.08E-10	9.80E-08	1.06E-05	0.00E+00	9.05E-09	0.00E+00	2.08E-10	3.35E-07	0.00E+00	0.00E+00	1.06E-05
2249	ALL	462362.3	3773045	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.08E-10	2.08E-10	9.84E-08	1.07E-05	0.00E+00	9.08E-09	0.00E+00	2.08E-10	3.37E-07	0.00E+00	0.00E+00	1.07E-05
2250	ALL	462366	3773036	NonCancer	0.00E+00	2.96E-09	0.00E+00	2.09E-10	2.09E-10	9.87E-08	1.07E-05	0.00E+00	9.11E-09	0.00E+00	2.09E-10	3.38E-07	0.00E+00	0.00E+00	1.07E-05
2251	ALL	462369.7	3773027	NonCancer	0.00E+00	2.97E-09	0.00E+00	2.10E-10	2.10E-10	9.90E-08	1.08E-05	0.00E+00	9.14E-09	0.00E+00	2.10E-10	3.39E-07	0.00E+00	0.00E+00	1.08E-05
2252	ALL	462373.3	3773018	NonCancer	0.00E+00	2.98E-09	0.00E+00	2.11E-10	2.11E-10	9.94E-08	1.08E-05	0.00E+00	9.18E-09	0.00E+00	2.11E-10	3.40E-07	0.00E+00	0.00E+00	1.08E-05
2253	ALL	462377	3773009	NonCancer	0.00E+00	2.99E-09	0.00E+00	2.11E-10	2.11E-10	9.97E-08	1.09E-05	0.00E+00	9.21E-09	0.00E+00	2.11E-10	3.41E-07	0.00E+00	0.00E+00	1.09E-05
2254	ALL	462380.7	3773000	NonCancer	0.00E+00	3.00E-09	0.00E+00	2.12E-10	2.12E-10	1.00E-07	1.09E-05	0.00E+00	9.24E-09	0.00E+00	2.12E-10	3.43E-07	0.00E+00	0.00E+00	1.09E-05
2255	ALL	462384.4	3772991	NonCancer	0.00E+00	3.01E-09	0.00E+00	2.13E-10	2.13E-10	1.00E-07	1.09E-05	0.00E+00	9.27E-09	0.00E+00	2.13E-10	3.44E-07	0.00E+00	0.00E+00	1.09E-05
2256	ALL	462388.1	3772982	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.13E-10	2.13E-10	1.01E-07	1.10E-05	0.00E+00	9.29E-09	0.00E+00	2.13E-10	3.44E-07	0.00E+00	0.00E+00	1.10E-05
2257	ALL	462391.8	3772972	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.10E-05	0.00E+00	9.31E-09	0.00E+00	2.14E-10	3.45E-07	0.00E+00	0.00E+00	1.10E-05
2258	ALL	462395.5	3772963	NonCancer	0.00E+00	3.03E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.10E-05	0.00E+00	9.33E-09	0.00E+00	2.14E-10	3.46E-07	0.00E+00	0.00E+00	1.10E-05
2259	ALL	462399.2	3772954	NonCancer	0.00E+00	3.04E-09	0.00E+00	2.15E-10	2.15E-10	1.01E-07	1.10E-05	0.00E+00	9.35E-09	0.00E+00	2.15E-10	3.47E-07	0.00E+00	0.00E+00	1.10E-05
2260	ALL	462402.9	3772945	NonCancer	0.00E+00	3.04E-09	0.00E+00	2.15E-10	2.15E-10	1.02E-07	1.11E-05	0.00E+00	9.37E-09	0.00E+00	2.15E-10	3.47E-07	0.00E+00	0.00E+00	1.11E-05
2261	ALL	462413.9	3772918	NonCancer	0.00E+00	3.06E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	1.11E-05	0.00E+00	9.41E-09	0.00E+00	2.16E-10	3.49E-07	0.00E+00	0.00E+00	1.11E-05
2262	ALL	462417.6	3772909	NonCancer	0.00E+00	3.06E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	1.11E-05	0.00E+00	9.42E-09	0.00E+00	2.16E-10	3.49E-07	0.00E+00	0.00E+00	1.11E-05
2263	ALL	462421.3	3772900	NonCancer	0.00E+00	3.06E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	1.12E-05	0.00E+00	9.43E-09	0.00E+00	2.16E-10	3.50E-07	0.00E+00	0.00E+00	1.12E-05
2264	ALL	462425	3772891	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.02E-07	1.12E-05	0.00E+00	9.44E-09	0.00E+00	2.17E-10	3.50E-07	0.00E+00	0.00E+00	1.12E-05
2265	ALL	462447.1	3772836	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.02E-07	1.12E-05	0.00E+00	9.46E-09	0.00E+00	2.17E-10	3.51E-07	0.00E+00	0.00E+00	1.12E-05
2266	ALL	462450.8	3772827	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.02E-07	1.12E-05	0.00E+00	9.46E-09	0.00E+00	2.17E-10	3.51E-07	0.00E+00	0.00E+00	1.12E-05

2267	ALL	462454.5	3772818	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.02E-07	1.12E-05	0.00E+00	9.45E-09	0.00E+00	2.17E-10	3.51E-07	0.00E+00	0.00E+00	1.12E-05
2268	ALL	462458.2	3772809	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.02E-07	1.11E-05	0.00E+00	9.45E-09	0.00E+00	2.17E-10	3.50E-07	0.00E+00	0.00E+00	1.11E-05
2269	ALL	462461.9	3772800	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.02E-07	1.11E-05	0.00E+00	9.44E-09	0.00E+00	2.17E-10	3.50E-07	0.00E+00	0.00E+00	1.11E-05
2270	ALL	462465.5	3772791	NonCancer	0.00E+00	3.06E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	1.11E-05	0.00E+00	9.43E-09	0.00E+00	2.16E-10	3.50E-07	0.00E+00	0.00E+00	1.11E-05
2271	ALL	462469.2	3772782	NonCancer	0.00E+00	3.06E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	1.11E-05	0.00E+00	9.42E-09	0.00E+00	2.16E-10	3.49E-07	0.00E+00	0.00E+00	1.11E-05
2272	ALL	462472.9	3772772	NonCancer	0.00E+00	3.05E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	1.11E-05	0.00E+00	9.40E-09	0.00E+00	2.16E-10	3.49E-07	0.00E+00	0.00E+00	1.11E-05
2273	ALL	462476.6	3772763	NonCancer	0.00E+00	3.05E-09	0.00E+00	2.15E-10	2.15E-10	1.02E-07	1.10E-05	0.00E+00	9.39E-09	0.00E+00	2.15E-10	3.48E-07	0.00E+00	0.00E+00	1.10E-05
2274	ALL	462480.3	3772754	NonCancer	0.00E+00	3.04E-09	0.00E+00	2.15E-10	2.15E-10	1.02E-07	1.10E-05	0.00E+00	9.37E-09	0.00E+00	2.15E-10	3.47E-07	0.00E+00	0.00E+00	1.10E-05
2275	ALL	462484	3772745	NonCancer	0.00E+00	3.04E-09	0.00E+00	2.15E-10	2.15E-10	1.01E-07	1.10E-05	0.00E+00	9.36E-09	0.00E+00	2.15E-10	3.47E-07	0.00E+00	0.00E+00	1.10E-05
2276	ALL	462487.7	3772736	NonCancer	0.00E+00	3.03E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.10E-05	0.00E+00	9.34E-09	0.00E+00	2.14E-10	3.46E-07	0.00E+00	0.00E+00	1.10E-05
2277	ALL	462500.4	3772723	NonCancer	0.00E+00	3.06E-09	0.00E+00	2.17E-10	2.17E-10	1.02E-07	1.11E-05	0.00E+00	9.43E-09	0.00E+00	2.17E-10	3.50E-07	0.00E+00	0.00E+00	1.11E-05
2278	ALL	462509.5	3772719	NonCancer	0.00E+00	3.10E-09	0.00E+00	2.19E-10	2.19E-10	1.03E-07	1.12E-05	0.00E+00	9.54E-09	0.00E+00	2.19E-10	3.54E-07	0.00E+00	0.00E+00	1.12E-05
2279	ALL	462518.5	3772716	NonCancer	0.00E+00	3.13E-09	0.00E+00	2.21E-10	2.21E-10	1.05E-07	1.13E-05	0.00E+00	9.65E-09	0.00E+00	2.21E-10	3.58E-07	0.00E+00	0.00E+00	1.13E-05
2280	ALL	462527.6	3772712	NonCancer	0.00E+00	3.17E-09	0.00E+00	2.24E-10	2.24E-10	1.06E-07	1.15E-05	0.00E+00	9.76E-09	0.00E+00	2.24E-10	3.62E-07	0.00E+00	0.00E+00	1.15E-05
2281	ALL	462536.6	3772708	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.16E-05	0.00E+00	9.87E-09	0.00E+00	2.27E-10	3.66E-07	0.00E+00	0.00E+00	1.16E-05
2282	ALL	462545.7	3772704	NonCancer	0.00E+00	3.24E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.17E-05	0.00E+00	9.98E-09	0.00E+00	2.29E-10	3.70E-07	0.00E+00	0.00E+00	1.17E-05
2283	ALL	462554.7	3772700	NonCancer	0.00E+00	3.28E-09	0.00E+00	2.32E-10	2.32E-10	1.09E-07	1.19E-05	0.00E+00	1.01E-08	0.00E+00	2.32E-10	3.74E-07	0.00E+00	0.00E+00	1.19E-05
2284	ALL	462563.8	3772697	NonCancer	0.00E+00	3.31E-09	0.00E+00	2.34E-10	2.34E-10	1.11E-07	1.20E-05	0.00E+00	1.02E-08	0.00E+00	2.34E-10	3.78E-07	0.00E+00	0.00E+00	1.20E-05
2285	ALL	462572.8	3772693	NonCancer	0.00E+00	3.35E-09	0.00E+00	2.37E-10	2.37E-10	1.12E-07	1.21E-05	0.00E+00	1.03E-08	0.00E+00	2.37E-10	3.82E-07	0.00E+00	0.00E+00	1.21E-05
2286	ALL	462581.9	3772689	NonCancer	0.00E+00	3.39E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	1.23E-05	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.86E-07	0.00E+00	0.00E+00	1.23E-05
2287	ALL	462590.9	3772685	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.24E-05	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.90E-07	0.00E+00	0.00E+00	1.24E-05
2288	ALL	462627.1	3772670	NonCancer	0.00E+00	3.56E-09	0.00E+00	2.51E-10	2.51E-10	1.19E-07	1.29E-05	0.00E+00	1.09E-08	0.00E+00	2.51E-10	4.06E-07	0.00E+00	0.00E+00	1.29E-05
2289	ALL	462636.2	3772666	NonCancer	0.00E+00	3.59E-09	0.00E+00	2.54E-10	2.54E-10	1.20E-07	1.30E-05	0.00E+00	1.10E-08	0.00E+00	2.54E-10	4.10E-07	0.00E+00	0.00E+00	1.30E-05
2290	ALL	462645.2	3772663	NonCancer	0.00E+00	3.62E-09	0.00E+00	2.56E-10	2.56E-10	1.21E-07	1.31E-05	0.00E+00	1.11E-08	0.00E+00	2.56E-10	4.13E-07	0.00E+00	0.00E+00	1.31E-05
2291	ALL	462654.3	3772659	NonCancer	0.00E+00	3.65E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.32E-05	0.00E+00	1.12E-08	0.00E+00	2.58E-10	4.17E-07	0.00E+00	0.00E+00	1.32E-05
2292	ALL	462663.3	3772655	NonCancer	0.00E+00	3.68E-09	0.00E+00	2.60E-10	2.60E-10	1.23E-07	1.33E-05	0.00E+00	1.13E-08	0.00E+00	2.60E-10	4.21E-07	0.00E+00	0.00E+00	1.33E-05
2293	ALL	462672.4	3772651	NonCancer	0.00E+00	3.72E-09	0.00E+00	2.63E-10	2.63E-10	1.24E-07	1.34E-05	0.00E+00	1.14E-08	0.00E+00	2.63E-10	4.24E-07	0.00E+00	0.00E+00	1.34E-05
2294	ALL	462681.4	3772647	NonCancer	0.00E+00	3.75E-09	0.00E+00	2.65E-10	2.65E-10	1.25E-07	1.35E-05	0.00E+00	1.15E-08	0.00E+00	2.65E-10	4.28E-07	0.00E+00	0.00E+00	1.35E-05
2295	ALL	462690.5	3772644	NonCancer	0.00E+00	3.77E-09	0.00E+00	2.67E-10	2.67E-10	1.26E-07	1.36E-05	0.00E+00	1.16E-08	0.00E+00	2.67E-10	4.31E-07	0.00E+00	0.00E+00	1.36E-05
2296	ALL	462699.5	3772640	NonCancer	0.00E+00	3.80E-09	0.00E+00	2.69E-10	2.69E-10	1.27E-07	1.37E-05	0.00E+00	1.17E-08	0.00E+00	2.69E-10	4.34E-07	0.00E+00	0.00E+00	1.37E-05
2297	ALL	462708.6	3772636	NonCancer	0.00E+00	3.83E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.38E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.37E-07	0.00E+00	0.00E+00	1.38E-05
2298	ALL	462717.6	3772632	NonCancer	0.00E+00	3.86E-09	0.00E+00	2.73E-10	2.73E-10	1.29E-07	1.39E-05	0.00E+00	1.19E-08	0.00E+00	2.73E-10	4.40E-07	0.00E+00	0.00E+00	1.39E-05
2299	ALL	462726.7	3772628	NonCancer	0.00E+00	3.88E-09	0.00E+00	2.74E-10	2.74E-10	1.30E-07	1.39E-05	0.00E+00	1.20E-08	0.00E+00	2.74E-10	4.43E-07	0.00E+00	0.00E+00	1.39E-05
2300	ALL	462735.7	3772625	NonCancer	0.00E+00	3.91E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.40E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.46E-07	0.00E+00	0.00E+00	1.40E-05
2301	ALL	462744.8	3772621	NonCancer	0.00E+00	3.93E-09	0.00E+00	2.78E-10	2.78E-10	1.31E-07	1.41E-05	0.00E+00	1.21E-08	0.00E+00	2.78E-10	4.49E-07	0.00E+00	0.00E+00	1.41E-05
2302	ALL	462753.8	3772617	NonCancer	0.00E+00	3.96E-09	0.00E+00	2.80E-10	2.80E-10	1.32E-07	1.42E-05	0.00E+00	1.22E-08	0.00E+00	2.80E-10	4.52E-07	0.00E+00	0.00E+00	1.42E-05
2303	ALL	462762.9	3772613	NonCancer	0.00E+00	3.98E-09	0.00E+00	2.81E-10	2.81E-10	1.33E-07	1.42E-05	0.00E+00	1.23E-08	0.00E+00	2.81E-10	4.54E-07	0.00E+00	0.00E+00	1.42E-05
2304	ALL	462771.9	3772609	NonCancer	0.00E+00	4.00E-09	0.00E+00	2.83E-10	2.83E-10	1.34E-07	1.43E-05	0.00E+00	1.23E-08	0.00E+00	2.83E-10	4.57E-07	0.00E+00	0.00E+00	1.43E-05
2305	ALL	462781	3772606	NonCancer	0.00E+00	4.02E-09	0.00E+00	2.84E-10	2.84E-10	1.34E-07	1.43E-05	0.00E+00	1.24E-08	0.00E+00	2.84E-10	4.59E-07	0.00E+00	0.00E+00	1.43E-05
2306	ALL	462790	3772602	NonCancer	0.00E+00	4.05E-09	0.00E+00	2.86E-10	2.86E-10	1.35E-07	1.44E-05	0.00E+00	1.25E-08	0.00E+00	2.86E-10	4.62E-07	0.00E+00	0.00E+00	1.44E-05
2307	ALL	462799.1	3772598	NonCancer	0.00E+00	4.07E-09	0.00E+00	2.87E-10	2.87E-10	1.36E-07	1.44E-05	0.00E+00	1.25E-08	0.00E+00	2.87E-10	4.64E-07	0.00E+00	0.00E+00	1.44E-05
2308	ALL	462808.1	3772594	NonCancer	0.00E+00	4.08E-09	0.00E+00	2.89E-10	2.89E-10	1.36E-07	1.45E-05	0.00E+00	1.26E-08	0.00E+00	2.89E-10	4.66E-07	0.00E+00	0.00E+00	1.45E-05
2309	ALL	462817.2	3772591	NonCancer	0.00E+00	4.10E-09	0.00E+00	2.90E-10	2.90E-10	1.37E-07	1.45E-05	0.00E+00	1.26E-08	0.00E+00	2.90E-10	4.68E-07	0.00E+00	0.00E+00	1.45E-05
2310	ALL	462826.2	3772587	NonCancer	0.00E+00	4.12E-09	0.00E+00	2.91E-10	2.91E-10	1.37E-07	1.45E-05	0.00E+00	1.27E-08	0.00E+00	2.91E-10	4.70E-07	0.00E+00	0.00E+00	1.45E-05
2311	ALL	462835.3	3772583	NonCancer	0.00E+00	4.14E-09	0.00E+00	2.93E-10	2.93E-10	1.38E-07	1.46E-05	0.00E+00	1.27E-08	0.00E+00	2.93E-10	4.73E-07	0.00E+00	0.00E+00	1.46E-05
2312	ALL	462844.3	3772579	NonCancer	0.00E+00	4.16E-09	0.00E+00	2.94E-10	2.94E-10	1.39E-07	1.46E-05	0.00E+00	1.28E-08	0.00E+00	2.94E-10	4.75E-07	0.00E+00	0.00E+00	1.46E-05
2313	ALL	462853.4	3772575	NonCancer	0.00E+00	4.18E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.46E-05	0.00E+00	1.29E-08	0.00E+00	2.95E-10	4.77E-07	0.00E+00	0.00E+00	1.46E-05
2314	ALL	462862.4	3772572	NonCancer	0.00E+00	4.19E-09	0.00E+00	2.96E-10	2.96E-10	1.40E-07	1.47E-05	0.00E+00	1.29E-08	0.00E+00	2.96E-10	4.79E-07	0.00E+00	0.00E+00	1.47E-05
2315	ALL	462871.5	3772568	NonCancer	0.00E+00	4.21E-09	0.00E+00	2.98E-10	2.98E-10	1.40E-07	1.47E-05	0.00E+00	1.30E-08	0.00E+00	2.98E-10	4.81E-07	0.00E+00	0.00E+00	1.47E-05
2316	ALL	462880.5	3772564	NonCancer	0.00E+00	4.23E-09	0.00E+00	2.99E-10	2.99E-10	1.41E-07	1.47E-05	0.00E+00	1.30E-08	0.00E+00	2.99E-10	4.83E-07	0.00E+00	0.00E+00	1.47E-05
2317	ALL	462889.6	3772560	NonCancer	0.00E+00	4.25E-09	0.00E+00	3.00E-10	3.00E-10	1.42E-07	1.48E-05	0.00E+00	1.31E-08	0.00E+00	3.00E-10	4.85E-07	0.00E+00	0.00E+00	1.48E-05
2318	ALL	462898.7	3772556	NonCancer	0.00E+00	4.26E-09	0.00E+00	3.01E-10	3.01E-10	1.42E-07	1.48E-05	0.00E+00	1.31E-08	0.00E+00	3.01E-10	4.87E-07	0.00E+00	0.00E+00	1.48E-05
2319	ALL	462907.7	3772553	NonCancer	0.00E+00	4.28E-09	0.00E+00	3.03E-10	3.03E-10	1.43E-07	1.48E-05	0.00E+00	1.32E-08	0.00E+00	3.03E-10	4.89E-07	0.00E+00	0.00E+00	1.48E-05
2320	ALL	462281.7	3773146	NonCancer	0.00E+00	2.60E-09	0.00E+00	1.83E-10	1.83E-10	8.65E-08	9.27E-06	0.00E+00	7.99E-09	0.00E+00	1.83E-10	2.96E-07	0.00E+00	0.00E+00	9.27E-06

2321	ALL	462285.4	3773136	NonCancer	0.00E+00	2.61E-09	0.00E+00	1.84E-10	1.84E-10	8.71E-08	9.33E-06	0.00E+00	8.04E-09	0.00E+00	1.84E-10	2.98E-07	0.00E+00	0.00E+00	9.33E-06
2322	ALL	462289.1	3773127	NonCancer	0.00E+00	2.63E-09	0.00E+00	1.86E-10	1.86E-10	8.76E-08	9.39E-06	0.00E+00	8.09E-09	0.00E+00	1.86E-10	3.00E-07	0.00E+00	0.00E+00	9.39E-06
2323	ALL	462292.8	3773118	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.87E-10	1.87E-10	8.81E-08	9.45E-06	0.00E+00	8.13E-09	0.00E+00	1.87E-10	3.01E-07	0.00E+00	0.00E+00	9.45E-06
2324	ALL	462296.5	3773109	NonCancer	0.00E+00	2.65E-09	0.00E+00	1.88E-10	1.88E-10	8.85E-08	9.51E-06	0.00E+00	8.17E-09	0.00E+00	1.88E-10	3.03E-07	0.00E+00	0.00E+00	9.51E-06
2325	ALL	462300.2	3773100	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.88E-10	1.88E-10	8.89E-08	9.56E-06	0.00E+00	8.21E-09	0.00E+00	1.88E-10	3.04E-07	0.00E+00	0.00E+00	9.56E-06
2326	ALL	462303.9	3773091	NonCancer	0.00E+00	2.68E-09	0.00E+00	1.89E-10	1.89E-10	8.93E-08	9.61E-06	0.00E+00	8.24E-09	0.00E+00	1.89E-10	3.06E-07	0.00E+00	0.00E+00	9.61E-06
2327	ALL	462322.4	3773045	NonCancer	0.00E+00	2.74E-09	0.00E+00	1.93E-10	1.93E-10	9.13E-08	9.85E-06	0.00E+00	8.43E-09	0.00E+00	1.93E-10	3.12E-07	0.00E+00	0.00E+00	9.85E-06
2328	ALL	462326.1	3773036	NonCancer	0.00E+00	2.75E-09	0.00E+00	1.94E-10	1.94E-10	9.16E-08	9.89E-06	0.00E+00	8.46E-09	0.00E+00	1.94E-10	3.14E-07	0.00E+00	0.00E+00	9.89E-06
2329	ALL	462329.8	3773027	NonCancer	0.00E+00	2.76E-09	0.00E+00	1.95E-10	1.95E-10	9.19E-08	9.93E-06	0.00E+00	8.48E-09	0.00E+00	1.95E-10	3.15E-07	0.00E+00	0.00E+00	9.93E-06
2330	ALL	462333.5	3773018	NonCancer	0.00E+00	2.77E-09	0.00E+00	1.95E-10	1.95E-10	9.22E-08	9.97E-06	0.00E+00	8.52E-09	0.00E+00	1.95E-10	3.16E-07	0.00E+00	0.00E+00	9.97E-06
2331	ALL	462337.2	3773009	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.96E-10	1.96E-10	9.26E-08	1.00E-05	0.00E+00	8.55E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	1.00E-05
2332	ALL	462340.9	3773000	NonCancer	0.00E+00	2.79E-09	0.00E+00	1.97E-10	1.97E-10	9.29E-08	1.01E-05	0.00E+00	8.58E-09	0.00E+00	1.97E-10	3.18E-07	0.00E+00	0.00E+00	1.01E-05
2333	ALL	462344.6	3772991	NonCancer	0.00E+00	2.79E-09	0.00E+00	1.97E-10	1.97E-10	9.32E-08	1.01E-05	0.00E+00	8.60E-09	0.00E+00	1.97E-10	3.19E-07	0.00E+00	0.00E+00	1.01E-05
2334	ALL	462348.3	3772981	NonCancer	0.00E+00	2.80E-09	0.00E+00	1.98E-10	1.98E-10	9.34E-08	1.01E-05	0.00E+00	8.62E-09	0.00E+00	1.98E-10	3.20E-07	0.00E+00	0.00E+00	1.01E-05
2335	ALL	462352	3772972	NonCancer	0.00E+00	2.81E-09	0.00E+00	1.98E-10	1.98E-10	9.36E-08	1.01E-05	0.00E+00	8.64E-09	0.00E+00	1.98E-10	3.20E-07	0.00E+00	0.00E+00	1.01E-05
2336	ALL	462355.7	3772963	NonCancer	0.00E+00	2.81E-09	0.00E+00	1.99E-10	1.99E-10	9.38E-08	1.02E-05	0.00E+00	8.66E-09	0.00E+00	1.99E-10	3.21E-07	0.00E+00	0.00E+00	1.02E-05
2337	ALL	462359.4	3772954	NonCancer	0.00E+00	2.82E-09	0.00E+00	1.99E-10	1.99E-10	9.41E-08	1.02E-05	0.00E+00	8.68E-09	0.00E+00	1.99E-10	3.22E-07	0.00E+00	0.00E+00	1.02E-05
2338	ALL	462363.1	3772945	NonCancer	0.00E+00	2.83E-09	0.00E+00	2.00E-10	2.00E-10	9.43E-08	1.02E-05	0.00E+00	8.70E-09	0.00E+00	2.00E-10	3.23E-07	0.00E+00	0.00E+00	1.02E-05
2339	ALL	462366.8	3772936	NonCancer	0.00E+00	2.83E-09	0.00E+00	2.00E-10	2.00E-10	9.45E-08	1.02E-05	0.00E+00	8.72E-09	0.00E+00	2.00E-10	3.23E-07	0.00E+00	0.00E+00	1.02E-05
2340	ALL	462374.2	3772918	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.01E-10	2.01E-10	9.48E-08	1.03E-05	0.00E+00	8.75E-09	0.00E+00	2.01E-10	3.24E-07	0.00E+00	0.00E+00	1.03E-05
2341	ALL	462377.9	3772909	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.01E-10	2.01E-10	9.49E-08	1.03E-05	0.00E+00	8.76E-09	0.00E+00	2.01E-10	3.25E-07	0.00E+00	0.00E+00	1.03E-05
2342	ALL	462381.6	3772899	NonCancer	0.00E+00	2.85E-09	0.00E+00	2.01E-10	2.01E-10	9.50E-08	1.03E-05	0.00E+00	8.77E-09	0.00E+00	2.01E-10	3.25E-07	0.00E+00	0.00E+00	1.03E-05
2343	ALL	462385.3	3772890	NonCancer	0.00E+00	2.85E-09	0.00E+00	2.02E-10	2.02E-10	9.51E-08	1.03E-05	0.00E+00	8.78E-09	0.00E+00	2.02E-10	3.26E-07	0.00E+00	0.00E+00	1.03E-05
2344	ALL	462389	3772881	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.53E-08	1.03E-05	0.00E+00	8.79E-09	0.00E+00	2.02E-10	3.26E-07	0.00E+00	0.00E+00	1.03E-05
2345	ALL	462411.2	3772826	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.54E-08	1.03E-05	0.00E+00	8.81E-09	0.00E+00	2.02E-10	3.27E-07	0.00E+00	0.00E+00	1.03E-05
2346	ALL	462414.9	3772817	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.54E-08	1.03E-05	0.00E+00	8.80E-09	0.00E+00	2.02E-10	3.26E-07	0.00E+00	0.00E+00	1.03E-05
2347	ALL	462418.5	3772808	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.54E-08	1.03E-05	0.00E+00	8.80E-09	0.00E+00	2.02E-10	3.26E-07	0.00E+00	0.00E+00	1.03E-05
2348	ALL	462422.2	3772799	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.54E-08	1.03E-05	0.00E+00	8.80E-09	0.00E+00	2.02E-10	3.26E-07	0.00E+00	0.00E+00	1.03E-05
2349	ALL	462425.9	3772790	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.53E-08	1.03E-05	0.00E+00	8.80E-09	0.00E+00	2.02E-10	3.26E-07	0.00E+00	0.00E+00	1.03E-05
2350	ALL	462429.6	3772781	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.53E-08	1.03E-05	0.00E+00	8.80E-09	0.00E+00	2.02E-10	3.26E-07	0.00E+00	0.00E+00	1.03E-05
2351	ALL	462433.3	3772772	NonCancer	0.00E+00	2.85E-09	0.00E+00	2.02E-10	2.02E-10	9.52E-08	1.03E-05	0.00E+00	8.79E-09	0.00E+00	2.02E-10	3.26E-07	0.00E+00	0.00E+00	1.03E-05
2352	ALL	462437	3772763	NonCancer	0.00E+00	2.85E-09	0.00E+00	2.01E-10	2.01E-10	9.51E-08	1.03E-05	0.00E+00	8.78E-09	0.00E+00	2.01E-10	3.25E-07	0.00E+00	0.00E+00	1.03E-05
2353	ALL	462440.7	3772754	NonCancer	0.00E+00	2.85E-09	0.00E+00	2.01E-10	2.01E-10	9.49E-08	1.03E-05	0.00E+00	8.77E-09	0.00E+00	2.01E-10	3.25E-07	0.00E+00	0.00E+00	1.03E-05
2354	ALL	462444.4	3772744	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.01E-10	2.01E-10	9.49E-08	1.02E-05	0.00E+00	8.76E-09	0.00E+00	2.01E-10	3.25E-07	0.00E+00	0.00E+00	1.02E-05
2355	ALL	462448.1	3772735	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.01E-10	2.01E-10	9.47E-08	1.02E-05	0.00E+00	8.75E-09	0.00E+00	2.01E-10	3.24E-07	0.00E+00	0.00E+00	1.02E-05
2356	ALL	462451.8	3772726	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.00E-10	2.00E-10	9.46E-08	1.02E-05	0.00E+00	8.73E-09	0.00E+00	2.00E-10	3.24E-07	0.00E+00	0.00E+00	1.02E-05
2357	ALL	462455.5	3772717	NonCancer	0.00E+00	2.83E-09	0.00E+00	2.00E-10	2.00E-10	9.44E-08	1.02E-05	0.00E+00	8.72E-09	0.00E+00	2.00E-10	3.23E-07	0.00E+00	0.00E+00	1.02E-05
2358	ALL	462459.2	3772708	NonCancer	0.00E+00	2.83E-09	0.00E+00	2.00E-10	2.00E-10	9.43E-08	1.01E-05	0.00E+00	8.70E-09	0.00E+00	2.00E-10	3.23E-07	0.00E+00	0.00E+00	1.01E-05
2359	ALL	462472	3772695	NonCancer	0.00E+00	2.85E-09	0.00E+00	2.01E-10	2.01E-10	9.51E-08	1.02E-05	0.00E+00	8.78E-09	0.00E+00	2.01E-10	3.25E-07	0.00E+00	0.00E+00	1.02E-05
2360	ALL	462481.1	3772691	NonCancer	0.00E+00	2.88E-09	0.00E+00	2.04E-10	2.04E-10	9.61E-08	1.04E-05	0.00E+00	8.88E-09	0.00E+00	2.04E-10	3.29E-07	0.00E+00	0.00E+00	1.04E-05
2361	ALL	462490.1	3772687	NonCancer	0.00E+00	2.91E-09	0.00E+00	2.06E-10	2.06E-10	9.72E-08	1.05E-05	0.00E+00	8.97E-09	0.00E+00	2.06E-10	3.33E-07	0.00E+00	0.00E+00	1.05E-05
2362	ALL	462499.2	3772684	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.08E-10	2.08E-10	9.83E-08	1.06E-05	0.00E+00	9.07E-09	0.00E+00	2.08E-10	3.36E-07	0.00E+00	0.00E+00	1.06E-05
2363	ALL	462508.3	3772680	NonCancer	0.00E+00	2.98E-09	0.00E+00	2.10E-10	2.10E-10	9.93E-08	1.07E-05	0.00E+00	9.17E-09	0.00E+00	2.10E-10	3.40E-07	0.00E+00	0.00E+00	1.07E-05
2364	ALL	462517.4	3772676	NonCancer	0.00E+00	3.01E-09	0.00E+00	2.13E-10	2.13E-10	1.00E-07	1.08E-05	0.00E+00	9.27E-09	0.00E+00	2.13E-10	3.44E-07	0.00E+00	0.00E+00	1.08E-05
2365	ALL	462526.4	3772672	NonCancer	0.00E+00	3.04E-09	0.00E+00	2.15E-10	2.15E-10	1.01E-07	1.09E-05	0.00E+00	9.37E-09	0.00E+00	2.15E-10	3.47E-07	0.00E+00	0.00E+00	1.09E-05
2366	ALL	462535.5	3772668	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.03E-07	1.11E-05	0.00E+00	9.46E-09	0.00E+00	2.17E-10	3.51E-07	0.00E+00	0.00E+00	1.11E-05
2367	ALL	462544.6	3772665	NonCancer	0.00E+00	3.11E-09	0.00E+00	2.19E-10	2.19E-10	1.04E-07	1.12E-05	0.00E+00	9.56E-09	0.00E+00	2.19E-10	3.54E-07	0.00E+00	0.00E+00	1.12E-05
2368	ALL	462553.7	3772661	NonCancer	0.00E+00	3.14E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.13E-05	0.00E+00	9.66E-09	0.00E+00	2.22E-10	3.58E-07	0.00E+00	0.00E+00	1.13E-05
2369	ALL	462562.7	3772657	NonCancer	0.00E+00	3.17E-09	0.00E+00	2.24E-10	2.24E-10	1.06E-07	1.14E-05	0.00E+00	9.75E-09	0.00E+00	2.24E-10	3.62E-07	0.00E+00	0.00E+00	1.14E-05
2370	ALL	462571.8	3772653	NonCancer	0.00E+00	3.20E-09	0.00E+00	2.26E-10	2.26E-10	1.07E-07	1.15E-05	0.00E+00	9.85E-09	0.00E+00	2.26E-10	3.65E-07	0.00E+00	0.00E+00	1.15E-05
2371	ALL	462580.9	3772649	NonCancer	0.00E+00	3.23E-09	0.00E+00	2.28E-10	2.28E-10	1.08E-07	1.16E-05	0.00E+00	9.95E-09	0.00E+00	2.28E-10	3.69E-07	0.00E+00	0.00E+00	1.16E-05
2372	ALL	462590	3772646	NonCancer	0.00E+00	3.26E-09	0.00E+00	2.30E-10	2.30E-10	1.09E-07	1.17E-05	0.00E+00	1.00E-08	0.00E+00	2.30E-10	3.72E-07	0.00E+00	0.00E+00	1.17E-05
2373	ALL	462599	3772642	NonCancer	0.00E+00	3.29E-09	0.00E+00	2.33E-10	2.33E-10	1.10E-07	1.18E-05	0.00E+00	1.01E-08	0.00E+00	2.33E-10	3.76E-07	0.00E+00	0.00E+00	1.18E-05
2374	ALL	462626.3	3772630	NonCancer	0.00E+00	3.38E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	1.21E-05	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.86E-07	0.00E+00	0.00E+00	1.21E-05

2375	ALL	462635.3	3772627	NonCancer	0.00E+00	3.41E-09	0.00E+00	2.41E-10	2.41E-10	1.14E-07	1.22E-05	0.00E+00	1.05E-08	0.00E+00	2.41E-10	3.89E-07	0.00E+00	0.00E+00	1.22E-05
2376	ALL	462644.4	3772623	NonCancer	0.00E+00	3.44E-09	0.00E+00	2.43E-10	2.43E-10	1.15E-07	1.23E-05	0.00E+00	1.06E-08	0.00E+00	2.43E-10	3.92E-07	0.00E+00	0.00E+00	1.23E-05
2377	ALL	462653.5	3772619	NonCancer	0.00E+00	3.46E-09	0.00E+00	2.45E-10	2.45E-10	1.15E-07	1.24E-05	0.00E+00	1.07E-08	0.00E+00	2.45E-10	3.95E-07	0.00E+00	0.00E+00	1.24E-05
2378	ALL	462662.6	3772615	NonCancer	0.00E+00	3.49E-09	0.00E+00	2.47E-10	2.47E-10	1.16E-07	1.25E-05	0.00E+00	1.07E-08	0.00E+00	2.47E-10	3.98E-07	0.00E+00	0.00E+00	1.25E-05
2379	ALL	462671.6	3772611	NonCancer	0.00E+00	3.52E-09	0.00E+00	2.48E-10	2.48E-10	1.17E-07	1.26E-05	0.00E+00	1.08E-08	0.00E+00	2.48E-10	4.01E-07	0.00E+00	0.00E+00	1.26E-05
2380	ALL	462680.7	3772608	NonCancer	0.00E+00	3.54E-09	0.00E+00	2.50E-10	2.50E-10	1.18E-07	1.27E-05	0.00E+00	1.09E-08	0.00E+00	2.50E-10	4.04E-07	0.00E+00	0.00E+00	1.27E-05
2381	ALL	462689.8	3772604	NonCancer	0.00E+00	3.57E-09	0.00E+00	2.52E-10	2.52E-10	1.19E-07	1.27E-05	0.00E+00	1.10E-08	0.00E+00	2.52E-10	4.07E-07	0.00E+00	0.00E+00	1.27E-05
2382	ALL	462698.9	3772600	NonCancer	0.00E+00	3.59E-09	0.00E+00	2.54E-10	2.54E-10	1.20E-07	1.28E-05	0.00E+00	1.11E-08	0.00E+00	2.54E-10	4.10E-07	0.00E+00	0.00E+00	1.28E-05
2383	ALL	462707.9	3772596	NonCancer	0.00E+00	3.62E-09	0.00E+00	2.55E-10	2.55E-10	1.21E-07	1.29E-05	0.00E+00	1.11E-08	0.00E+00	2.55E-10	4.13E-07	0.00E+00	0.00E+00	1.29E-05
2384	ALL	462717	3772592	NonCancer	0.00E+00	3.64E-09	0.00E+00	2.57E-10	2.57E-10	1.21E-07	1.30E-05	0.00E+00	1.12E-08	0.00E+00	2.57E-10	4.15E-07	0.00E+00	0.00E+00	1.30E-05
2385	ALL	462726.1	3772589	NonCancer	0.00E+00	3.66E-09	0.00E+00	2.59E-10	2.59E-10	1.22E-07	1.30E-05	0.00E+00	1.13E-08	0.00E+00	2.59E-10	4.18E-07	0.00E+00	0.00E+00	1.30E-05
2386	ALL	462735.2	3772585	NonCancer	0.00E+00	3.68E-09	0.00E+00	2.60E-10	2.60E-10	1.23E-07	1.31E-05	0.00E+00	1.13E-08	0.00E+00	2.60E-10	4.20E-07	0.00E+00	0.00E+00	1.31E-05
2387	ALL	462744.2	3772581	NonCancer	0.00E+00	3.71E-09	0.00E+00	2.62E-10	2.62E-10	1.24E-07	1.31E-05	0.00E+00	1.14E-08	0.00E+00	2.62E-10	4.23E-07	0.00E+00	0.00E+00	1.31E-05
2388	ALL	462753.3	3772577	NonCancer	0.00E+00	3.73E-09	0.00E+00	2.63E-10	2.63E-10	1.24E-07	1.32E-05	0.00E+00	1.15E-08	0.00E+00	2.63E-10	4.25E-07	0.00E+00	0.00E+00	1.32E-05
2389	ALL	462762.4	3772573	NonCancer	0.00E+00	3.75E-09	0.00E+00	2.65E-10	2.65E-10	1.25E-07	1.33E-05	0.00E+00	1.15E-08	0.00E+00	2.65E-10	4.28E-07	0.00E+00	0.00E+00	1.33E-05
2390	ALL	462771.5	3772570	NonCancer	0.00E+00	3.77E-09	0.00E+00	2.66E-10	2.66E-10	1.26E-07	1.33E-05	0.00E+00	1.16E-08	0.00E+00	2.66E-10	4.30E-07	0.00E+00	0.00E+00	1.33E-05
2391	ALL	462780.5	3772566	NonCancer	0.00E+00	3.78E-09	0.00E+00	2.67E-10	2.67E-10	1.26E-07	1.34E-05	0.00E+00	1.17E-08	0.00E+00	2.67E-10	4.32E-07	0.00E+00	0.00E+00	1.34E-05
2392	ALL	462789.6	3772562	NonCancer	0.00E+00	3.80E-09	0.00E+00	2.69E-10	2.69E-10	1.27E-07	1.34E-05	0.00E+00	1.17E-08	0.00E+00	2.69E-10	4.34E-07	0.00E+00	0.00E+00	1.34E-05
2393	ALL	462798.7	3772558	NonCancer	0.00E+00	3.82E-09	0.00E+00	2.70E-10	2.70E-10	1.27E-07	1.34E-05	0.00E+00	1.18E-08	0.00E+00	2.70E-10	4.36E-07	0.00E+00	0.00E+00	1.34E-05
2394	ALL	462807.8	3772554	NonCancer	0.00E+00	3.84E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.35E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.38E-07	0.00E+00	0.00E+00	1.35E-05
2395	ALL	462816.8	3772551	NonCancer	0.00E+00	3.86E-09	0.00E+00	2.73E-10	2.73E-10	1.29E-07	1.35E-05	0.00E+00	1.19E-08	0.00E+00	2.73E-10	4.40E-07	0.00E+00	0.00E+00	1.35E-05
2396	ALL	462825.9	3772547	NonCancer	0.00E+00	3.87E-09	0.00E+00	2.74E-10	2.74E-10	1.29E-07	1.36E-05	0.00E+00	1.19E-08	0.00E+00	2.74E-10	4.42E-07	0.00E+00	0.00E+00	1.36E-05
2397	ALL	462835	3772543	NonCancer	0.00E+00	3.89E-09	0.00E+00	2.75E-10	2.75E-10	1.30E-07	1.36E-05	0.00E+00	1.20E-08	0.00E+00	2.75E-10	4.44E-07	0.00E+00	0.00E+00	1.36E-05
2398	ALL	462844.1	3772539	NonCancer	0.00E+00	3.91E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.36E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.46E-07	0.00E+00	0.00E+00	1.36E-05
2399	ALL	462853.1	3772535	NonCancer	0.00E+00	3.93E-09	0.00E+00	2.77E-10	2.77E-10	1.31E-07	1.37E-05	0.00E+00	1.21E-08	0.00E+00	2.77E-10	4.48E-07	0.00E+00	0.00E+00	1.37E-05
2400	ALL	462862.2	3772532	NonCancer	0.00E+00	3.94E-09	0.00E+00	2.79E-10	2.79E-10	1.31E-07	1.37E-05	0.00E+00	1.21E-08	0.00E+00	2.79E-10	4.50E-07	0.00E+00	0.00E+00	1.37E-05
2401	ALL	462871.3	3772528	NonCancer	0.00E+00	3.96E-09	0.00E+00	2.80E-10	2.80E-10	1.32E-07	1.37E-05	0.00E+00	1.22E-08	0.00E+00	2.80E-10	4.52E-07	0.00E+00	0.00E+00	1.37E-05
2402	ALL	462880.4	3772524	NonCancer	0.00E+00	3.98E-09	0.00E+00	2.81E-10	2.81E-10	1.33E-07	1.37E-05	0.00E+00	1.22E-08	0.00E+00	2.81E-10	4.54E-07	0.00E+00	0.00E+00	1.37E-05
2403	ALL	462889.4	3772520	NonCancer	0.00E+00	3.99E-09	0.00E+00	2.82E-10	2.82E-10	1.33E-07	1.38E-05	0.00E+00	1.23E-08	0.00E+00	2.82E-10	4.56E-07	0.00E+00	0.00E+00	1.38E-05
2404	ALL	462898.5	3772516	NonCancer	0.00E+00	4.01E-09	0.00E+00	2.84E-10	2.84E-10	1.34E-07	1.38E-05	0.00E+00	1.24E-08	0.00E+00	2.84E-10	4.58E-07	0.00E+00	0.00E+00	1.38E-05
2405	ALL	462907.6	3772513	NonCancer	0.00E+00	4.03E-09	0.00E+00	2.85E-10	2.85E-10	1.34E-07	1.39E-05	0.00E+00	1.24E-08	0.00E+00	2.85E-10	4.60E-07	0.00E+00	0.00E+00	1.39E-05
2406	ALL	462278	3773155	NonCancer	0.00E+00	2.58E-09	0.00E+00	1.82E-10	1.82E-10	8.61E-08	9.21E-06	0.00E+00	7.95E-09	0.00E+00	1.82E-10	2.95E-07	0.00E+00	0.00E+00	9.21E-06
2407	ALL	462278.1	3773165	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.62E-08	9.22E-06	0.00E+00	7.96E-09	0.00E+00	1.83E-10	2.95E-07	0.00E+00	0.00E+00	9.22E-06
2408	ALL	462278.2	3773175	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.63E-08	9.23E-06	0.00E+00	7.97E-09	0.00E+00	1.83E-10	2.95E-07	0.00E+00	0.00E+00	9.23E-06
2409	ALL	462278.3	3773185	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.63E-08	9.22E-06	0.00E+00	7.97E-09	0.00E+00	1.83E-10	2.96E-07	0.00E+00	0.00E+00	9.22E-06
2410	ALL	462278.4	3773195	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.63E-08	9.21E-06	0.00E+00	7.97E-09	0.00E+00	1.83E-10	2.95E-07	0.00E+00	0.00E+00	9.21E-06
2411	ALL	462278.5	3773204	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.63E-08	9.19E-06	0.00E+00	7.97E-09	0.00E+00	1.83E-10	2.95E-07	0.00E+00	0.00E+00	9.19E-06
2412	ALL	462278.6	3773214	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.63E-08	9.19E-06	0.00E+00	7.97E-09	0.00E+00	1.83E-10	2.96E-07	0.00E+00	0.00E+00	9.19E-06
2413	ALL	462278.7	3773224	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.64E-08	9.19E-06	0.00E+00	7.97E-09	0.00E+00	1.83E-10	2.96E-07	0.00E+00	0.00E+00	9.19E-06
2414	ALL	462278.8	3773234	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.64E-08	9.18E-06	0.00E+00	7.98E-09	0.00E+00	1.83E-10	2.96E-07	0.00E+00	0.00E+00	9.18E-06
2415	ALL	462278.9	3773244	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.63E-08	9.17E-06	0.00E+00	7.97E-09	0.00E+00	1.83E-10	2.95E-07	0.00E+00	0.00E+00	9.17E-06
2416	ALL	462241.7	3773146	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.07E-08	8.59E-06	0.00E+00	7.45E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.59E-06
2417	ALL	462245.4	3773137	NonCancer	0.00E+00	2.43E-09	0.00E+00	1.72E-10	1.72E-10	8.12E-08	8.65E-06	0.00E+00	7.49E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	8.65E-06
2418	ALL	462249.2	3773128	NonCancer	0.00E+00	2.45E-09	0.00E+00	1.73E-10	1.73E-10	8.16E-08	8.71E-06	0.00E+00	7.54E-09	0.00E+00	1.73E-10	2.79E-07	0.00E+00	0.00E+00	8.71E-06
2419	ALL	462252.9	3773119	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.74E-10	1.74E-10	8.21E-08	8.76E-06	0.00E+00	7.58E-09	0.00E+00	1.74E-10	2.81E-07	0.00E+00	0.00E+00	8.76E-06
2420	ALL	462256.6	3773109	NonCancer	0.00E+00	2.47E-09	0.00E+00	1.75E-10	1.75E-10	8.25E-08	8.81E-06	0.00E+00	7.62E-09	0.00E+00	1.75E-10	2.82E-07	0.00E+00	0.00E+00	8.81E-06
2421	ALL	462260.3	3773100	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.76E-10	1.76E-10	8.28E-08	8.85E-06	0.00E+00	7.65E-09	0.00E+00	1.76E-10	2.84E-07	0.00E+00	0.00E+00	8.85E-06
2422	ALL	462264	3773091	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.32E-08	8.90E-06	0.00E+00	7.68E-09	0.00E+00	1.76E-10	2.85E-07	0.00E+00	0.00E+00	8.90E-06
2423	ALL	462267.7	3773082	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.36E-08	8.94E-06	0.00E+00	7.72E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.94E-06
2424	ALL	462271.4	3773073	NonCancer	0.00E+00	2.52E-09	0.00E+00	1.78E-10	1.78E-10	8.40E-08	8.99E-06	0.00E+00	7.75E-09	0.00E+00	1.78E-10	2.87E-07	0.00E+00	0.00E+00	8.99E-06
2425	ALL	462275.1	3773064	NonCancer	0.00E+00	2.53E-09	0.00E+00	1.79E-10	1.79E-10	8.44E-08	9.04E-06	0.00E+00	7.79E-09	0.00E+00	1.79E-10	2.89E-07	0.00E+00	0.00E+00	9.04E-06
2426	ALL	462278.8	3773055	NonCancer	0.00E+00	2.54E-09	0.00E+00	1.80E-10	1.80E-10	8.47E-08	9.08E-06	0.00E+00	7.82E-09	0.00E+00	1.80E-10	2.90E-07	0.00E+00	0.00E+00	9.08E-06
2427	ALL	462282.5	3773045	NonCancer	0.00E+00	2.55E-09	0.00E+00	1.80E-10	1.80E-10	8.50E-08	9.12E-06	0.00E+00	7.85E-09	0.00E+00	1.80E-10	2.91E-07	0.00E+00	0.00E+00	9.12E-06
2428	ALL	462286.2	3773036	NonCancer	0.00E+00	2.56E-09	0.00E+00	1.81E-10	1.81E-10	8.53E-08	9.16E-06	0.00E+00	7.88E-09	0.00E+00	1.81E-10	2.92E-07	0.00E+00	0.00E+00	9.16E-06

2429	ALL	462289.9	3773027	NonCancer	0.00E+00	2.57E-09	0.00E+00	1.81E-10	1.81E-10	8.56E-08	9.19E-06	0.00E+00	7.90E-09	0.00E+00	1.81E-10	2.93E-07	0.00E+00	0.00E+00	9.19E-06
2430	ALL	462293.6	3773018	NonCancer	0.00E+00	2.58E-09	0.00E+00	1.82E-10	1.82E-10	8.59E-08	9.23E-06	0.00E+00	7.93E-09	0.00E+00	1.82E-10	2.94E-07	0.00E+00	0.00E+00	9.23E-06
2431	ALL	462297.3	3773009	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.62E-08	9.27E-06	0.00E+00	7.96E-09	0.00E+00	1.83E-10	2.95E-07	0.00E+00	0.00E+00	9.27E-06
2432	ALL	462301	3773000	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.65E-08	9.30E-06	0.00E+00	7.99E-09	0.00E+00	1.83E-10	2.96E-07	0.00E+00	0.00E+00	9.30E-06
2433	ALL	462304.8	3772991	NonCancer	0.00E+00	2.60E-09	0.00E+00	1.84E-10	1.84E-10	8.68E-08	9.33E-06	0.00E+00	8.01E-09	0.00E+00	1.84E-10	2.97E-07	0.00E+00	0.00E+00	9.33E-06
2434	ALL	462323.3	3772945	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.86E-10	1.86E-10	8.79E-08	9.46E-06	0.00E+00	8.11E-09	0.00E+00	1.86E-10	3.01E-07	0.00E+00	0.00E+00	9.46E-06
2435	ALL	462327	3772936	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.87E-10	1.87E-10	8.81E-08	9.49E-06	0.00E+00	8.13E-09	0.00E+00	1.87E-10	3.02E-07	0.00E+00	0.00E+00	9.49E-06
2436	ALL	462334.4	3772917	NonCancer	0.00E+00	2.65E-09	0.00E+00	1.87E-10	1.87E-10	8.84E-08	9.52E-06	0.00E+00	8.16E-09	0.00E+00	1.87E-10	3.02E-07	0.00E+00	0.00E+00	9.52E-06
2437	ALL	462338.1	3772908	NonCancer	0.00E+00	2.65E-09	0.00E+00	1.87E-10	1.87E-10	8.85E-08	9.54E-06	0.00E+00	8.17E-09	0.00E+00	1.87E-10	3.03E-07	0.00E+00	0.00E+00	9.54E-06
2438	ALL	462341.8	3772899	NonCancer	0.00E+00	2.66E-09	0.00E+00	1.88E-10	1.88E-10	8.86E-08	9.55E-06	0.00E+00	8.18E-09	0.00E+00	1.88E-10	3.03E-07	0.00E+00	0.00E+00	9.55E-06
2439	ALL	462345.5	3772890	NonCancer	0.00E+00	2.66E-09	0.00E+00	1.88E-10	1.88E-10	8.87E-08	9.56E-06	0.00E+00	8.19E-09	0.00E+00	1.88E-10	3.04E-07	0.00E+00	0.00E+00	9.56E-06
2440	ALL	462349.2	3772881	NonCancer	0.00E+00	2.66E-09	0.00E+00	1.88E-10	1.88E-10	8.88E-08	9.57E-06	0.00E+00	8.20E-09	0.00E+00	1.88E-10	3.04E-07	0.00E+00	0.00E+00	9.57E-06
2441	ALL	462371.5	3772826	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.89E-10	1.89E-10	8.92E-08	9.61E-06	0.00E+00	8.23E-09	0.00E+00	1.89E-10	3.05E-07	0.00E+00	0.00E+00	9.61E-06
2442	ALL	462375.2	3772817	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.89E-10	1.89E-10	8.92E-08	9.60E-06	0.00E+00	8.23E-09	0.00E+00	1.89E-10	3.05E-07	0.00E+00	0.00E+00	9.60E-06
2443	ALL	462378.9	3772808	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.89E-10	1.89E-10	8.92E-08	9.60E-06	0.00E+00	8.23E-09	0.00E+00	1.89E-10	3.05E-07	0.00E+00	0.00E+00	9.60E-06
2444	ALL	462382.6	3772799	NonCancer	0.00E+00	2.68E-09	0.00E+00	1.89E-10	1.89E-10	8.92E-08	9.60E-06	0.00E+00	8.24E-09	0.00E+00	1.89E-10	3.05E-07	0.00E+00	0.00E+00	9.60E-06
2445	ALL	462386.3	3772790	NonCancer	0.00E+00	2.68E-09	0.00E+00	1.89E-10	1.89E-10	8.92E-08	9.60E-06	0.00E+00	8.24E-09	0.00E+00	1.89E-10	3.05E-07	0.00E+00	0.00E+00	9.60E-06
2446	ALL	462390	3772780	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.89E-10	1.89E-10	8.92E-08	9.59E-06	0.00E+00	8.23E-09	0.00E+00	1.89E-10	3.05E-07	0.00E+00	0.00E+00	9.59E-06
2447	ALL	462393.7	3772771	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.89E-10	1.89E-10	8.91E-08	9.58E-06	0.00E+00	8.23E-09	0.00E+00	1.89E-10	3.05E-07	0.00E+00	0.00E+00	9.58E-06
2448	ALL	462397.4	3772762	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.89E-10	1.89E-10	8.91E-08	9.57E-06	0.00E+00	8.22E-09	0.00E+00	1.89E-10	3.05E-07	0.00E+00	0.00E+00	9.57E-06
2449	ALL	462401.1	3772753	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.89E-10	1.89E-10	8.90E-08	9.56E-06	0.00E+00	8.22E-09	0.00E+00	1.89E-10	3.05E-07	0.00E+00	0.00E+00	9.56E-06
2450	ALL	462404.8	3772744	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.88E-10	1.88E-10	8.89E-08	9.55E-06	0.00E+00	8.21E-09	0.00E+00	1.88E-10	3.04E-07	0.00E+00	0.00E+00	9.55E-06
2451	ALL	462408.5	3772735	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.88E-10	1.88E-10	8.89E-08	9.54E-06	0.00E+00	8.20E-09	0.00E+00	1.88E-10	3.04E-07	0.00E+00	0.00E+00	9.54E-06
2452	ALL	462412.2	3772726	NonCancer	0.00E+00	2.66E-09	0.00E+00	1.88E-10	1.88E-10	8.88E-08	9.53E-06	0.00E+00	8.20E-09	0.00E+00	1.88E-10	3.04E-07	0.00E+00	0.00E+00	9.53E-06
2453	ALL	462415.9	3772716	NonCancer	0.00E+00	2.66E-09	0.00E+00	1.88E-10	1.88E-10	8.87E-08	9.51E-06	0.00E+00	8.19E-09	0.00E+00	1.88E-10	3.03E-07	0.00E+00	0.00E+00	9.51E-06
2454	ALL	462419.7	3772707	NonCancer	0.00E+00	2.65E-09	0.00E+00	1.88E-10	1.88E-10	8.85E-08	9.49E-06	0.00E+00	8.17E-09	0.00E+00	1.88E-10	3.03E-07	0.00E+00	0.00E+00	9.49E-06
2455	ALL	462423.4	3772698	NonCancer	0.00E+00	2.65E-09	0.00E+00	1.87E-10	1.87E-10	8.84E-08	9.47E-06	0.00E+00	8.16E-09	0.00E+00	1.87E-10	3.02E-07	0.00E+00	0.00E+00	9.47E-06
2456	ALL	462427.1	3772689	NonCancer	0.00E+00	2.65E-09	0.00E+00	1.87E-10	1.87E-10	8.82E-08	9.45E-06	0.00E+00	8.15E-09	0.00E+00	1.87E-10	3.02E-07	0.00E+00	0.00E+00	9.45E-06
2457	ALL	462430.8	3772680	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.87E-10	1.87E-10	8.81E-08	9.43E-06	0.00E+00	8.13E-09	0.00E+00	1.87E-10	3.02E-07	0.00E+00	0.00E+00	9.43E-06
2458	ALL	462443.6	3772667	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.88E-10	1.88E-10	8.89E-08	9.51E-06	0.00E+00	8.21E-09	0.00E+00	1.88E-10	3.04E-07	0.00E+00	0.00E+00	9.51E-06
2459	ALL	462452.7	3772663	NonCancer	0.00E+00	2.69E-09	0.00E+00	1.90E-10	1.90E-10	8.98E-08	9.61E-06	0.00E+00	8.29E-09	0.00E+00	1.90E-10	3.07E-07	0.00E+00	0.00E+00	9.61E-06
2460	ALL	462461.8	3772659	NonCancer	0.00E+00	2.72E-09	0.00E+00	1.92E-10	1.92E-10	9.08E-08	9.71E-06	0.00E+00	8.38E-09	0.00E+00	1.92E-10	3.11E-07	0.00E+00	0.00E+00	9.71E-06
2461	ALL	462470.9	3772655	NonCancer	0.00E+00	2.75E-09	0.00E+00	1.94E-10	1.94E-10	9.17E-08	9.82E-06	0.00E+00	8.46E-09	0.00E+00	1.94E-10	3.14E-07	0.00E+00	0.00E+00	9.82E-06
2462	ALL	462480	3772652	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.96E-10	1.96E-10	9.26E-08	9.92E-06	0.00E+00	8.55E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	9.92E-06
2463	ALL	462489.1	3772648	NonCancer	0.00E+00	2.81E-09	0.00E+00	1.98E-10	1.98E-10	9.36E-08	1.00E-05	0.00E+00	8.64E-09	0.00E+00	1.98E-10	3.20E-07	0.00E+00	0.00E+00	1.00E-05
2464	ALL	462498.2	3772644	NonCancer	0.00E+00	2.83E-09	0.00E+00	2.00E-10	2.00E-10	9.45E-08	1.01E-05	0.00E+00	8.72E-09	0.00E+00	2.00E-10	3.23E-07	0.00E+00	0.00E+00	1.01E-05
2465	ALL	462507.3	3772640	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.54E-08	1.02E-05	0.00E+00	8.81E-09	0.00E+00	2.02E-10	3.27E-07	0.00E+00	0.00E+00	1.02E-05
2466	ALL	462516.3	3772636	NonCancer	0.00E+00	2.89E-09	0.00E+00	2.04E-10	2.04E-10	9.64E-08	1.03E-05	0.00E+00	8.90E-09	0.00E+00	2.04E-10	3.30E-07	0.00E+00	0.00E+00	1.03E-05
2467	ALL	462525.4	3772633	NonCancer	0.00E+00	2.92E-09	0.00E+00	2.06E-10	2.06E-10	9.73E-08	1.04E-05	0.00E+00	8.98E-09	0.00E+00	2.06E-10	3.33E-07	0.00E+00	0.00E+00	1.04E-05
2468	ALL	462534.5	3772629	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.08E-10	2.08E-10	9.83E-08	1.05E-05	0.00E+00	9.07E-09	0.00E+00	2.08E-10	3.36E-07	0.00E+00	0.00E+00	1.05E-05
2469	ALL	462543.6	3772625	NonCancer	0.00E+00	2.98E-09	0.00E+00	2.10E-10	2.10E-10	9.92E-08	1.06E-05	0.00E+00	9.16E-09	0.00E+00	2.10E-10	3.40E-07	0.00E+00	0.00E+00	1.06E-05
2470	ALL	462552.7	3772621	NonCancer	0.00E+00	3.00E-09	0.00E+00	2.12E-10	2.12E-10	1.00E-07	1.07E-05	0.00E+00	9.25E-09	0.00E+00	2.12E-10	3.43E-07	0.00E+00	0.00E+00	1.07E-05
2471	ALL	462561.8	3772617	NonCancer	0.00E+00	3.03E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.08E-05	0.00E+00	9.33E-09	0.00E+00	2.14E-10	3.46E-07	0.00E+00	0.00E+00	1.08E-05
2472	ALL	462570.9	3772614	NonCancer	0.00E+00	3.06E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	1.09E-05	0.00E+00	9.41E-09	0.00E+00	2.16E-10	3.49E-07	0.00E+00	0.00E+00	1.09E-05
2473	ALL	462580	3772610	NonCancer	0.00E+00	3.08E-09	0.00E+00	2.18E-10	2.18E-10	1.03E-07	1.10E-05	0.00E+00	9.49E-09	0.00E+00	2.18E-10	3.52E-07	0.00E+00	0.00E+00	1.10E-05
2474	ALL	462589.1	3772606	NonCancer	0.00E+00	3.11E-09	0.00E+00	2.20E-10	2.20E-10	1.04E-07	1.11E-05	0.00E+00	9.58E-09	0.00E+00	2.20E-10	3.55E-07	0.00E+00	0.00E+00	1.11E-05
2475	ALL	462598.2	3772602	NonCancer	0.00E+00	3.14E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.12E-05	0.00E+00	9.66E-09	0.00E+00	2.22E-10	3.58E-07	0.00E+00	0.00E+00	1.12E-05
2476	ALL	462625.5	3772591	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.15E-05	0.00E+00	9.89E-09	0.00E+00	2.27E-10	3.67E-07	0.00E+00	0.00E+00	1.15E-05
2477	ALL	462634.6	3772587	NonCancer	0.00E+00	3.24E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.15E-05	0.00E+00	9.97E-09	0.00E+00	2.29E-10	3.70E-07	0.00E+00	0.00E+00	1.15E-05
2478	ALL	462643.7	3772583	NonCancer	0.00E+00	3.26E-09	0.00E+00	2.31E-10	2.31E-10	1.09E-07	1.16E-05	0.00E+00	1.00E-08	0.00E+00	2.31E-10	3.72E-07	0.00E+00	0.00E+00	1.16E-05
2479	ALL	462652.8	3772579	NonCancer	0.00E+00	3.29E-09	0.00E+00	2.32E-10	2.32E-10	1.10E-07	1.17E-05	0.00E+00	1.01E-08	0.00E+00	2.32E-10	3.75E-07	0.00E+00	0.00E+00	1.17E-05
2480	ALL	462661.9	3772575	NonCancer	0.00E+00	3.31E-09	0.00E+00	2.34E-10	2.34E-10	1.10E-07	1.18E-05	0.00E+00	1.02E-08	0.00E+00	2.34E-10	3.78E-07	0.00E+00	0.00E+00	1.18E-05
2481	ALL	462671	3772572	NonCancer	0.00E+00	3.33E-09	0.00E+00	2.36E-10	2.36E-10	1.11E-07	1.18E-05	0.00E+00	1.03E-08	0.00E+00	2.36E-10	3.80E-07	0.00E+00	0.00E+00	1.18E-05
2482	ALL	462680.1	3772568	NonCancer	0.00E+00	3.36E-09	0.00E+00	2.37E-10	2.37E-10	1.12E-07	1.19E-05	0.00E+00	1.03E-08	0.00E+00	2.37E-10	3.83E-07	0.00E+00	0.00E+00	1.19E-05

2483	ALL	462689.2	3772564	NonCancer	0.00E+00	3.38E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	1.20E-05	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.85E-07	0.00E+00	0.00E+00	1.20E-05
2484	ALL	462698.3	3772560	NonCancer	0.00E+00	3.40E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.20E-05	0.00E+00	1.05E-08	0.00E+00	2.40E-10	3.88E-07	0.00E+00	0.00E+00	1.20E-05
2485	ALL	462707.4	3772556	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.21E-05	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.90E-07	0.00E+00	0.00E+00	1.21E-05
2486	ALL	462716.5	3772553	NonCancer	0.00E+00	3.44E-09	0.00E+00	2.43E-10	2.43E-10	1.15E-07	1.21E-05	0.00E+00	1.06E-08	0.00E+00	2.43E-10	3.93E-07	0.00E+00	0.00E+00	1.21E-05
2487	ALL	462725.6	3772549	NonCancer	0.00E+00	3.46E-09	0.00E+00	2.44E-10	2.44E-10	1.15E-07	1.22E-05	0.00E+00	1.06E-08	0.00E+00	2.44E-10	3.95E-07	0.00E+00	0.00E+00	1.22E-05
2488	ALL	462734.7	3772545	NonCancer	0.00E+00	3.48E-09	0.00E+00	2.46E-10	2.46E-10	1.16E-07	1.23E-05	0.00E+00	1.07E-08	0.00E+00	2.46E-10	3.97E-07	0.00E+00	0.00E+00	1.23E-05
2489	ALL	462743.8	3772541	NonCancer	0.00E+00	3.50E-09	0.00E+00	2.47E-10	2.47E-10	1.17E-07	1.23E-05	0.00E+00	1.08E-08	0.00E+00	2.47E-10	3.99E-07	0.00E+00	0.00E+00	1.23E-05
2490	ALL	462752.9	3772537	NonCancer	0.00E+00	3.52E-09	0.00E+00	2.48E-10	2.48E-10	1.17E-07	1.24E-05	0.00E+00	1.08E-08	0.00E+00	2.48E-10	4.01E-07	0.00E+00	0.00E+00	1.24E-05
2491	ALL	462761.9	3772534	NonCancer	0.00E+00	3.53E-09	0.00E+00	2.50E-10	2.50E-10	1.18E-07	1.24E-05	0.00E+00	1.09E-08	0.00E+00	2.50E-10	4.03E-07	0.00E+00	0.00E+00	1.24E-05
2492	ALL	462771	3772530	NonCancer	0.00E+00	3.55E-09	0.00E+00	2.51E-10	2.51E-10	1.18E-07	1.24E-05	0.00E+00	1.09E-08	0.00E+00	2.51E-10	4.05E-07	0.00E+00	0.00E+00	1.24E-05
2493	ALL	462780.1	3772526	NonCancer	0.00E+00	3.57E-09	0.00E+00	2.52E-10	2.52E-10	1.19E-07	1.25E-05	0.00E+00	1.10E-08	0.00E+00	2.52E-10	4.07E-07	0.00E+00	0.00E+00	1.25E-05
2494	ALL	462789.2	3772522	NonCancer	0.00E+00	3.59E-09	0.00E+00	2.53E-10	2.53E-10	1.20E-07	1.25E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.09E-07	0.00E+00	0.00E+00	1.25E-05
2495	ALL	462798.3	3772518	NonCancer	0.00E+00	3.60E-09	0.00E+00	2.55E-10	2.55E-10	1.20E-07	1.26E-05	0.00E+00	1.11E-08	0.00E+00	2.55E-10	4.11E-07	0.00E+00	0.00E+00	1.26E-05
2496	ALL	462807.4	3772515	NonCancer	0.00E+00	3.62E-09	0.00E+00	2.56E-10	2.56E-10	1.21E-07	1.26E-05	0.00E+00	1.11E-08	0.00E+00	2.56E-10	4.13E-07	0.00E+00	0.00E+00	1.26E-05
2497	ALL	462816.5	3772511	NonCancer	0.00E+00	3.64E-09	0.00E+00	2.57E-10	2.57E-10	1.21E-07	1.26E-05	0.00E+00	1.12E-08	0.00E+00	2.57E-10	4.15E-07	0.00E+00	0.00E+00	1.26E-05
2498	ALL	462825.6	3772507	NonCancer	0.00E+00	3.65E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.27E-05	0.00E+00	1.12E-08	0.00E+00	2.58E-10	4.17E-07	0.00E+00	0.00E+00	1.27E-05
2499	ALL	462834.7	3772503	NonCancer	0.00E+00	3.67E-09	0.00E+00	2.59E-10	2.59E-10	1.22E-07	1.27E-05	0.00E+00	1.13E-08	0.00E+00	2.59E-10	4.19E-07	0.00E+00	0.00E+00	1.27E-05
2500	ALL	462843.8	3772499	NonCancer	0.00E+00	3.68E-09	0.00E+00	2.60E-10	2.60E-10	1.23E-07	1.27E-05	0.00E+00	1.13E-08	0.00E+00	2.60E-10	4.20E-07	0.00E+00	0.00E+00	1.27E-05
2501	ALL	462852.9	3772496	NonCancer	0.00E+00	3.70E-09	0.00E+00	2.61E-10	2.61E-10	1.23E-07	1.28E-05	0.00E+00	1.14E-08	0.00E+00	2.61E-10	4.22E-07	0.00E+00	0.00E+00	1.28E-05
2502	ALL	462862	3772492	NonCancer	0.00E+00	3.72E-09	0.00E+00	2.63E-10	2.63E-10	1.24E-07	1.28E-05	0.00E+00	1.14E-08	0.00E+00	2.63E-10	4.24E-07	0.00E+00	0.00E+00	1.28E-05
2503	ALL	462871.1	3772488	NonCancer	0.00E+00	3.73E-09	0.00E+00	2.64E-10	2.64E-10	1.24E-07	1.28E-05	0.00E+00	1.15E-08	0.00E+00	2.64E-10	4.26E-07	0.00E+00	0.00E+00	1.28E-05
2504	ALL	462880.2	3772484	NonCancer	0.00E+00	3.75E-09	0.00E+00	2.65E-10	2.65E-10	1.25E-07	1.29E-05	0.00E+00	1.15E-08	0.00E+00	2.65E-10	4.28E-07	0.00E+00	0.00E+00	1.29E-05
2505	ALL	462889.3	3772480	NonCancer	0.00E+00	3.77E-09	0.00E+00	2.66E-10	2.66E-10	1.26E-07	1.29E-05	0.00E+00	1.16E-08	0.00E+00	2.66E-10	4.30E-07	0.00E+00	0.00E+00	1.29E-05
2506	ALL	462898.4	3772476	NonCancer	0.00E+00	3.78E-09	0.00E+00	2.67E-10	2.67E-10	1.26E-07	1.29E-05	0.00E+00	1.17E-08	0.00E+00	2.67E-10	4.32E-07	0.00E+00	0.00E+00	1.29E-05
2507	ALL	462238	3773155	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.70E-10	1.70E-10	8.03E-08	8.54E-06	0.00E+00	7.41E-09	0.00E+00	1.70E-10	2.75E-07	0.00E+00	0.00E+00	8.54E-06
2508	ALL	462238.1	3773165	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.70E-10	1.70E-10	8.04E-08	8.55E-06	0.00E+00	7.42E-09	0.00E+00	1.70E-10	2.75E-07	0.00E+00	0.00E+00	8.55E-06
2509	ALL	462238.2	3773175	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.71E-10	1.71E-10	8.05E-08	8.55E-06	0.00E+00	7.43E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.55E-06
2510	ALL	462238.3	3773185	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.71E-10	1.71E-10	8.05E-08	8.55E-06	0.00E+00	7.43E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.55E-06
2511	ALL	462238.4	3773195	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.71E-10	1.71E-10	8.05E-08	8.54E-06	0.00E+00	7.43E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.54E-06
2512	ALL	462238.5	3773205	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.71E-10	1.71E-10	8.05E-08	8.53E-06	0.00E+00	7.43E-09	0.00E+00	1.71E-10	2.75E-07	0.00E+00	0.00E+00	8.53E-06
2513	ALL	462238.6	3773215	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.71E-10	1.71E-10	8.05E-08	8.52E-06	0.00E+00	7.43E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.52E-06
2514	ALL	462238.7	3773225	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.71E-10	1.71E-10	8.05E-08	8.52E-06	0.00E+00	7.43E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.52E-06
2515	ALL	462238.8	3773235	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.05E-08	8.52E-06	0.00E+00	7.44E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.52E-06
2516	ALL	462238.9	3773245	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.71E-10	1.71E-10	8.05E-08	8.50E-06	0.00E+00	7.43E-09	0.00E+00	1.71E-10	2.75E-07	0.00E+00	0.00E+00	8.50E-06
2517	ALL	462201.7	3773146	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.60E-10	1.60E-10	7.55E-08	8.00E-06	0.00E+00	6.97E-09	0.00E+00	1.60E-10	2.58E-07	0.00E+00	0.00E+00	8.00E-06
2518	ALL	462224	3773091	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.78E-08	8.27E-06	0.00E+00	7.18E-09	0.00E+00	1.65E-10	2.66E-07	0.00E+00	0.00E+00	8.27E-06
2519	ALL	462227.7	3773082	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.65E-10	1.65E-10	7.81E-08	8.31E-06	0.00E+00	7.21E-09	0.00E+00	1.65E-10	2.67E-07	0.00E+00	0.00E+00	8.31E-06
2520	ALL	462231.5	3773073	NonCancer	0.00E+00	2.35E-09	0.00E+00	1.66E-10	1.66E-10	7.84E-08	8.35E-06	0.00E+00	7.24E-09	0.00E+00	1.66E-10	2.68E-07	0.00E+00	0.00E+00	8.35E-06
2521	ALL	462235.2	3773064	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.88E-08	8.39E-06	0.00E+00	7.27E-09	0.00E+00	1.67E-10	2.70E-07	0.00E+00	0.00E+00	8.39E-06
2522	ALL	462238.9	3773055	NonCancer	0.00E+00	2.37E-09	0.00E+00	1.68E-10	1.68E-10	7.91E-08	8.43E-06	0.00E+00	7.30E-09	0.00E+00	1.68E-10	2.71E-07	0.00E+00	0.00E+00	8.43E-06
2523	ALL	462242.6	3773046	NonCancer	0.00E+00	2.38E-09	0.00E+00	1.68E-10	1.68E-10	7.94E-08	8.47E-06	0.00E+00	7.33E-09	0.00E+00	1.68E-10	2.72E-07	0.00E+00	0.00E+00	8.47E-06
2524	ALL	462246.3	3773036	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.97E-08	8.51E-06	0.00E+00	7.36E-09	0.00E+00	1.69E-10	2.73E-07	0.00E+00	0.00E+00	8.51E-06
2525	ALL	462250	3773027	NonCancer	0.00E+00	2.40E-09	0.00E+00	1.69E-10	1.69E-10	8.00E-08	8.54E-06	0.00E+00	7.38E-09	0.00E+00	1.69E-10	2.74E-07	0.00E+00	0.00E+00	8.54E-06
2526	ALL	462253.8	3773018	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.70E-10	1.70E-10	8.02E-08	8.57E-06	0.00E+00	7.41E-09	0.00E+00	1.70E-10	2.75E-07	0.00E+00	0.00E+00	8.57E-06
2527	ALL	462257.5	3773009	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.71E-10	1.71E-10	8.05E-08	8.60E-06	0.00E+00	7.43E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.60E-06
2528	ALL	462261.2	3773000	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.08E-08	8.63E-06	0.00E+00	7.46E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.63E-06
2529	ALL	462264.9	3772991	NonCancer	0.00E+00	2.43E-09	0.00E+00	1.72E-10	1.72E-10	8.10E-08	8.67E-06	0.00E+00	7.48E-09	0.00E+00	1.72E-10	2.77E-07	0.00E+00	0.00E+00	8.67E-06
2530	ALL	462268.6	3772981	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.72E-10	1.72E-10	8.13E-08	8.69E-06	0.00E+00	7.50E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	8.69E-06
2531	ALL	462272.3	3772972	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.73E-10	1.73E-10	8.15E-08	8.72E-06	0.00E+00	7.52E-09	0.00E+00	1.73E-10	2.79E-07	0.00E+00	0.00E+00	8.72E-06
2532	ALL	462276	3772963	NonCancer	0.00E+00	2.45E-09	0.00E+00	1.73E-10	1.73E-10	8.17E-08	8.74E-06	0.00E+00	7.54E-09	0.00E+00	1.73E-10	2.80E-07	0.00E+00	0.00E+00	8.74E-06
2533	ALL	462279.8	3772954	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.73E-10	1.73E-10	8.19E-08	8.77E-06	0.00E+00	7.56E-09	0.00E+00	1.73E-10	2.80E-07	0.00E+00	0.00E+00	8.77E-06
2534	ALL	462283.5	3772945	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.74E-10	1.74E-10	8.21E-08	8.79E-06	0.00E+00	7.58E-09	0.00E+00	1.74E-10	2.81E-07	0.00E+00	0.00E+00	8.79E-06
2535	ALL	462287.2	3772936	NonCancer	0.00E+00	2.47E-09	0.00E+00	1.74E-10	1.74E-10	8.22E-08	8.81E-06	0.00E+00	7.59E-09	0.00E+00	1.74E-10	2.81E-07	0.00E+00	0.00E+00	8.81E-06
2536	ALL	462294.6	3772917	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.26E-08	8.85E-06	0.00E+00	7.63E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	8.85E-06

2537	ALL	462298.3	3772908	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.28E-08	8.87E-06	0.00E+00	7.64E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	8.87E-06
2538	ALL	462302	3772899	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.29E-08	8.88E-06	0.00E+00	7.65E-09	0.00E+00	1.76E-10	2.84E-07	0.00E+00	0.00E+00	8.88E-06
2539	ALL	462305.8	3772890	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.30E-08	8.89E-06	0.00E+00	7.66E-09	0.00E+00	1.76E-10	2.84E-07	0.00E+00	0.00E+00	8.89E-06
2540	ALL	462309.5	3772881	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.31E-08	8.91E-06	0.00E+00	7.67E-09	0.00E+00	1.76E-10	2.84E-07	0.00E+00	0.00E+00	8.91E-06
2541	ALL	462331.8	3772826	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.36E-08	8.95E-06	0.00E+00	7.71E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.95E-06
2542	ALL	462335.5	3772817	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.36E-08	8.96E-06	0.00E+00	7.72E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.96E-06
2543	ALL	462339.2	3772807	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.36E-08	8.96E-06	0.00E+00	7.72E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.96E-06
2544	ALL	462342.9	3772798	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.37E-08	8.96E-06	0.00E+00	7.73E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.96E-06
2545	ALL	462346.6	3772789	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.37E-08	8.96E-06	0.00E+00	7.73E-09	0.00E+00	1.77E-10	2.87E-07	0.00E+00	0.00E+00	8.96E-06
2546	ALL	462350.3	3772780	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.37E-08	8.96E-06	0.00E+00	7.73E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.96E-06
2547	ALL	462354	3772771	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.37E-08	8.95E-06	0.00E+00	7.72E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.95E-06
2548	ALL	462357.8	3772762	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.36E-08	8.95E-06	0.00E+00	7.72E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.95E-06
2549	ALL	462361.5	3772752	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.36E-08	8.94E-06	0.00E+00	7.72E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.94E-06
2550	ALL	462365.2	3772743	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.36E-08	8.93E-06	0.00E+00	7.72E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.93E-06
2551	ALL	462368.9	3772734	NonCancer	0.00E+00	2.50E-09	0.00E+00	1.77E-10	1.77E-10	8.35E-08	8.93E-06	0.00E+00	7.71E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.93E-06
2552	ALL	462372.6	3772725	NonCancer	0.00E+00	2.50E-09	0.00E+00	1.77E-10	1.77E-10	8.35E-08	8.92E-06	0.00E+00	7.71E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.92E-06
2553	ALL	462376.3	3772716	NonCancer	0.00E+00	2.50E-09	0.00E+00	1.77E-10	1.77E-10	8.34E-08	8.91E-06	0.00E+00	7.70E-09	0.00E+00	1.77E-10	2.85E-07	0.00E+00	0.00E+00	8.91E-06
2554	ALL	462380	3772707	NonCancer	0.00E+00	2.50E-09	0.00E+00	1.77E-10	1.77E-10	8.33E-08	8.89E-06	0.00E+00	7.69E-09	0.00E+00	1.77E-10	2.85E-07	0.00E+00	0.00E+00	8.89E-06
2555	ALL	462383.8	3772698	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.32E-08	8.88E-06	0.00E+00	7.68E-09	0.00E+00	1.76E-10	2.85E-07	0.00E+00	0.00E+00	8.88E-06
2556	ALL	462387.5	3772688	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.31E-08	8.86E-06	0.00E+00	7.67E-09	0.00E+00	1.76E-10	2.84E-07	0.00E+00	0.00E+00	8.86E-06
2557	ALL	462391.2	3772679	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.30E-08	8.85E-06	0.00E+00	7.66E-09	0.00E+00	1.76E-10	2.84E-07	0.00E+00	0.00E+00	8.85E-06
2558	ALL	462394.9	3772670	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.29E-08	8.83E-06	0.00E+00	7.65E-09	0.00E+00	1.76E-10	2.84E-07	0.00E+00	0.00E+00	8.83E-06
2559	ALL	462398.6	3772661	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.28E-08	8.81E-06	0.00E+00	7.64E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	8.81E-06
2560	ALL	462402.3	3772652	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.26E-08	8.79E-06	0.00E+00	7.63E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	8.79E-06
2561	ALL	462415.2	3772639	NonCancer	0.00E+00	2.50E-09	0.00E+00	1.76E-10	1.76E-10	8.33E-08	8.86E-06	0.00E+00	7.69E-09	0.00E+00	1.76E-10	2.85E-07	0.00E+00	0.00E+00	8.86E-06
2562	ALL	462424.3	3772635	NonCancer	0.00E+00	2.52E-09	0.00E+00	1.78E-10	1.78E-10	8.41E-08	8.95E-06	0.00E+00	7.76E-09	0.00E+00	1.78E-10	2.88E-07	0.00E+00	0.00E+00	8.95E-06
2563	ALL	462433.4	3772631	NonCancer	0.00E+00	2.55E-09	0.00E+00	1.80E-10	1.80E-10	8.50E-08	9.04E-06	0.00E+00	7.84E-09	0.00E+00	1.80E-10	2.91E-07	0.00E+00	0.00E+00	9.04E-06
2564	ALL	462479	3772612	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.89E-10	1.89E-10	8.92E-08	9.50E-06	0.00E+00	8.23E-09	0.00E+00	1.89E-10	3.05E-07	0.00E+00	0.00E+00	9.50E-06
2565	ALL	462488.1	3772608	NonCancer	0.00E+00	2.70E-09	0.00E+00	1.91E-10	1.91E-10	9.00E-08	9.59E-06	0.00E+00	8.31E-09	0.00E+00	1.91E-10	3.08E-07	0.00E+00	0.00E+00	9.59E-06
2566	ALL	462497.2	3772604	NonCancer	0.00E+00	2.73E-09	0.00E+00	1.93E-10	1.93E-10	9.09E-08	9.68E-06	0.00E+00	8.39E-09	0.00E+00	1.93E-10	3.11E-07	0.00E+00	0.00E+00	9.68E-06
2567	ALL	462506.3	3772601	NonCancer	0.00E+00	2.75E-09	0.00E+00	1.94E-10	1.94E-10	9.17E-08	9.77E-06	0.00E+00	8.47E-09	0.00E+00	1.94E-10	3.14E-07	0.00E+00	0.00E+00	9.77E-06
2568	ALL	462515.4	3772597	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.96E-10	1.96E-10	9.26E-08	9.86E-06	0.00E+00	8.54E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	9.86E-06
2569	ALL	462524.5	3772593	NonCancer	0.00E+00	2.80E-09	0.00E+00	1.98E-10	1.98E-10	9.34E-08	9.95E-06	0.00E+00	8.62E-09	0.00E+00	1.98E-10	3.20E-07	0.00E+00	0.00E+00	9.95E-06
2570	ALL	462533.7	3772589	NonCancer	0.00E+00	2.82E-09	0.00E+00	2.00E-10	2.00E-10	9.42E-08	1.00E-05	0.00E+00	8.70E-09	0.00E+00	2.00E-10	3.22E-07	0.00E+00	0.00E+00	1.00E-05
2571	ALL	462542.8	3772585	NonCancer	0.00E+00	2.85E-09	0.00E+00	2.01E-10	2.01E-10	9.50E-08	1.01E-05	0.00E+00	8.77E-09	0.00E+00	2.01E-10	3.25E-07	0.00E+00	0.00E+00	1.01E-05
2572	ALL	462551.9	3772582	NonCancer	0.00E+00	2.87E-09	0.00E+00	2.03E-10	2.03E-10	9.58E-08	1.02E-05	0.00E+00	8.85E-09	0.00E+00	2.03E-10	3.28E-07	0.00E+00	0.00E+00	1.02E-05
2573	ALL	462561	3772578	NonCancer	0.00E+00	2.90E-09	0.00E+00	2.05E-10	2.05E-10	9.66E-08	1.03E-05	0.00E+00	8.92E-09	0.00E+00	2.05E-10	3.31E-07	0.00E+00	0.00E+00	1.03E-05
2574	ALL	462570.1	3772574	NonCancer	0.00E+00	2.92E-09	0.00E+00	2.06E-10	2.06E-10	9.75E-08	1.04E-05	0.00E+00	9.00E-09	0.00E+00	2.06E-10	3.34E-07	0.00E+00	0.00E+00	1.04E-05
2575	ALL	462579.2	3772570	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.08E-10	2.08E-10	9.82E-08	1.05E-05	0.00E+00	9.07E-09	0.00E+00	2.08E-10	3.36E-07	0.00E+00	0.00E+00	1.05E-05
2576	ALL	462588.3	3772566	NonCancer	0.00E+00	2.97E-09	0.00E+00	2.10E-10	2.10E-10	9.90E-08	1.05E-05	0.00E+00	9.14E-09	0.00E+00	2.10E-10	3.39E-07	0.00E+00	0.00E+00	1.05E-05
2577	ALL	462597.5	3772562	NonCancer	0.00E+00	2.99E-09	0.00E+00	2.11E-10	2.11E-10	9.98E-08	1.06E-05	0.00E+00	9.21E-09	0.00E+00	2.11E-10	3.42E-07	0.00E+00	0.00E+00	1.06E-05
2578	ALL	462633.9	3772547	NonCancer	0.00E+00	3.08E-09	0.00E+00	2.18E-10	2.18E-10	1.03E-07	1.09E-05	0.00E+00	9.48E-09	0.00E+00	2.18E-10	3.52E-07	0.00E+00	0.00E+00	1.09E-05
2579	ALL	462643	3772543	NonCancer	0.00E+00	3.10E-09	0.00E+00	2.19E-10	2.19E-10	1.03E-07	1.10E-05	0.00E+00	9.55E-09	0.00E+00	2.19E-10	3.54E-07	0.00E+00	0.00E+00	1.10E-05
2580	ALL	462652.2	3772540	NonCancer	0.00E+00	3.12E-09	0.00E+00	2.21E-10	2.21E-10	1.04E-07	1.10E-05	0.00E+00	9.61E-09	0.00E+00	2.21E-10	3.56E-07	0.00E+00	0.00E+00	1.10E-05
2581	ALL	462661.3	3772536	NonCancer	0.00E+00	3.14E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.11E-05	0.00E+00	9.68E-09	0.00E+00	2.22E-10	3.59E-07	0.00E+00	0.00E+00	1.11E-05
2582	ALL	462670.4	3772532	NonCancer	0.00E+00	3.16E-09	0.00E+00	2.24E-10	2.24E-10	1.05E-07	1.11E-05	0.00E+00	9.74E-09	0.00E+00	2.24E-10	3.61E-07	0.00E+00	0.00E+00	1.11E-05
2583	ALL	462679.5	3772528	NonCancer	0.00E+00	3.18E-09	0.00E+00	2.25E-10	2.25E-10	1.06E-07	1.12E-05	0.00E+00	9.80E-09	0.00E+00	2.25E-10	3.63E-07	0.00E+00	0.00E+00	1.12E-05
2584	ALL	462688.6	3772524	NonCancer	0.00E+00	3.20E-09	0.00E+00	2.26E-10	2.26E-10	1.07E-07	1.13E-05	0.00E+00	9.86E-09	0.00E+00	2.26E-10	3.66E-07	0.00E+00	0.00E+00	1.13E-05
2585	ALL	462697.7	3772520	NonCancer	0.00E+00	3.22E-09	0.00E+00	2.28E-10	2.28E-10	1.07E-07	1.13E-05	0.00E+00	9.92E-09	0.00E+00	2.28E-10	3.68E-07	0.00E+00	0.00E+00	1.13E-05
2586	ALL	462706.8	3772517	NonCancer	0.00E+00	3.24E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.14E-05	0.00E+00	9.97E-09	0.00E+00	2.29E-10	3.70E-07	0.00E+00	0.00E+00	1.14E-05
2587	ALL	462716	3772513	NonCancer	0.00E+00	3.26E-09	0.00E+00	2.30E-10	2.30E-10	1.09E-07	1.14E-05	0.00E+00	1.00E-08	0.00E+00	2.30E-10	3.72E-07	0.00E+00	0.00E+00	1.14E-05
2588	ALL	462725.1	3772509	NonCancer	0.00E+00	3.27E-09	0.00E+00	2.31E-10	2.31E-10	1.09E-07	1.15E-05	0.00E+00	1.01E-08	0.00E+00	2.31E-10	3.74E-07	0.00E+00	0.00E+00	1.15E-05
2589	ALL	462734.2	3772505	NonCancer	0.00E+00	3.29E-09	0.00E+00	2.33E-10	2.33E-10	1.10E-07	1.15E-05	0.00E+00	1.01E-08	0.00E+00	2.33E-10	3.76E-07	0.00E+00	0.00E+00	1.15E-05
2590	ALL	462743.3	3772501	NonCancer	0.00E+00	3.31E-09	0.00E+00	2.34E-10	2.34E-10	1.10E-07	1.16E-05	0.00E+00	1.02E-08	0.00E+00	2.34E-10	3.78E-07	0.00E+00	0.00E+00	1.16E-05

2591	ALL	462752.4	3772498	NonCancer	0.00E+00	3.33E-09	0.00E+00	2.35E-10	2.35E-10	1.11E-07	1.16E-05	0.00E+00	1.02E-08	0.00E+00	2.35E-10	3.80E-07	0.00E+00	0.00E+00	1.16E-05
2592	ALL	462761.5	3772494	NonCancer	0.00E+00	3.34E-09	0.00E+00	2.36E-10	2.36E-10	1.11E-07	1.16E-05	0.00E+00	1.03E-08	0.00E+00	2.36E-10	3.81E-07	0.00E+00	0.00E+00	1.16E-05
2593	ALL	462770.7	3772490	NonCancer	0.00E+00	3.36E-09	0.00E+00	2.37E-10	2.37E-10	1.12E-07	1.17E-05	0.00E+00	1.03E-08	0.00E+00	2.37E-10	3.83E-07	0.00E+00	0.00E+00	1.17E-05
2594	ALL	462779.8	3772486	NonCancer	0.00E+00	3.37E-09	0.00E+00	2.38E-10	2.38E-10	1.12E-07	1.17E-05	0.00E+00	1.04E-08	0.00E+00	2.38E-10	3.85E-07	0.00E+00	0.00E+00	1.17E-05
2595	ALL	462788.9	3772482	NonCancer	0.00E+00	3.39E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	1.18E-05	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.87E-07	0.00E+00	0.00E+00	1.18E-05
2596	ALL	462798	3772478	NonCancer	0.00E+00	3.40E-09	0.00E+00	2.41E-10	2.41E-10	1.14E-07	1.18E-05	0.00E+00	1.05E-08	0.00E+00	2.41E-10	3.88E-07	0.00E+00	0.00E+00	1.18E-05
2597	ALL	462807.1	3772475	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.18E-05	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.90E-07	0.00E+00	0.00E+00	1.18E-05
2598	ALL	462880	3772444	NonCancer	0.00E+00	3.54E-09	0.00E+00	2.50E-10	2.50E-10	1.18E-07	1.21E-05	0.00E+00	1.09E-08	0.00E+00	2.50E-10	4.04E-07	0.00E+00	0.00E+00	1.21E-05
2599	ALL	462889.2	3772440	NonCancer	0.00E+00	3.56E-09	0.00E+00	2.52E-10	2.52E-10	1.19E-07	1.21E-05	0.00E+00	1.10E-08	0.00E+00	2.52E-10	4.06E-07	0.00E+00	0.00E+00	1.21E-05
2600	ALL	462898.3	3772436	NonCancer	0.00E+00	3.58E-09	0.00E+00	2.53E-10	2.53E-10	1.19E-07	1.22E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.08E-07	0.00E+00	0.00E+00	1.22E-05
2601	ALL	462907.4	3772433	NonCancer	0.00E+00	3.59E-09	0.00E+00	2.54E-10	2.54E-10	1.20E-07	1.22E-05	0.00E+00	1.11E-08	0.00E+00	2.54E-10	4.10E-07	0.00E+00	0.00E+00	1.22E-05
2602	ALL	462198	3773155	NonCancer	0.00E+00	2.25E-09	0.00E+00	1.59E-10	1.59E-10	7.51E-08	7.94E-06	0.00E+00	6.93E-09	0.00E+00	1.59E-10	2.57E-07	0.00E+00	0.00E+00	7.94E-06
2603	ALL	462198.1	3773165	NonCancer	0.00E+00	2.25E-09	0.00E+00	1.59E-10	1.59E-10	7.51E-08	7.94E-06	0.00E+00	6.94E-09	0.00E+00	1.59E-10	2.57E-07	0.00E+00	0.00E+00	7.94E-06
2604	ALL	462198.2	3773175	NonCancer	0.00E+00	2.25E-09	0.00E+00	1.59E-10	1.59E-10	7.52E-08	7.94E-06	0.00E+00	6.94E-09	0.00E+00	1.59E-10	2.57E-07	0.00E+00	0.00E+00	7.94E-06
2605	ALL	462198.3	3773185	NonCancer	0.00E+00	2.25E-09	0.00E+00	1.59E-10	1.59E-10	7.52E-08	7.94E-06	0.00E+00	6.94E-09	0.00E+00	1.59E-10	2.57E-07	0.00E+00	0.00E+00	7.94E-06
2606	ALL	462198.4	3773195	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.59E-10	1.59E-10	7.52E-08	7.94E-06	0.00E+00	6.95E-09	0.00E+00	1.59E-10	2.58E-07	0.00E+00	0.00E+00	7.94E-06
2607	ALL	462198.5	3773205	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.59E-10	1.59E-10	7.53E-08	7.93E-06	0.00E+00	6.95E-09	0.00E+00	1.59E-10	2.58E-07	0.00E+00	0.00E+00	7.93E-06
2608	ALL	462161.8	3773147	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.09E-08	7.47E-06	0.00E+00	6.54E-09	0.00E+00	1.50E-10	2.43E-07	0.00E+00	0.00E+00	7.47E-06
2609	ALL	462165.5	3773137	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.51E-10	1.51E-10	7.12E-08	7.51E-06	0.00E+00	6.57E-09	0.00E+00	1.51E-10	2.44E-07	0.00E+00	0.00E+00	7.51E-06
2610	ALL	462169.2	3773128	NonCancer	0.00E+00	2.14E-09	0.00E+00	1.52E-10	1.52E-10	7.15E-08	7.55E-06	0.00E+00	6.60E-09	0.00E+00	1.52E-10	2.45E-07	0.00E+00	0.00E+00	7.55E-06
2611	ALL	462180.4	3773101	NonCancer	0.00E+00	2.18E-09	0.00E+00	1.54E-10	1.54E-10	7.25E-08	7.67E-06	0.00E+00	6.70E-09	0.00E+00	1.54E-10	2.48E-07	0.00E+00	0.00E+00	7.67E-06
2612	ALL	462184.1	3773092	NonCancer	0.00E+00	2.19E-09	0.00E+00	1.54E-10	1.54E-10	7.29E-08	7.71E-06	0.00E+00	6.73E-09	0.00E+00	1.54E-10	2.50E-07	0.00E+00	0.00E+00	7.71E-06
2613	ALL	462187.8	3773082	NonCancer	0.00E+00	2.20E-09	0.00E+00	1.55E-10	1.55E-10	7.32E-08	7.75E-06	0.00E+00	6.76E-09	0.00E+00	1.55E-10	2.51E-07	0.00E+00	0.00E+00	7.75E-06
2614	ALL	462191.5	3773073	NonCancer	0.00E+00	2.20E-09	0.00E+00	1.56E-10	1.56E-10	7.35E-08	7.79E-06	0.00E+00	6.79E-09	0.00E+00	1.56E-10	2.52E-07	0.00E+00	0.00E+00	7.79E-06
2615	ALL	462195.3	3773064	NonCancer	0.00E+00	2.21E-09	0.00E+00	1.56E-10	1.56E-10	7.38E-08	7.82E-06	0.00E+00	6.81E-09	0.00E+00	1.56E-10	2.52E-07	0.00E+00	0.00E+00	7.82E-06
2616	ALL	462199	3773055	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.40E-08	7.85E-06	0.00E+00	6.84E-09	0.00E+00	1.57E-10	2.53E-07	0.00E+00	0.00E+00	7.85E-06
2617	ALL	462221.3	3773000	NonCancer	0.00E+00	2.27E-09	0.00E+00	1.60E-10	1.60E-10	7.56E-08	8.04E-06	0.00E+00	6.98E-09	0.00E+00	1.60E-10	2.59E-07	0.00E+00	0.00E+00	8.04E-06
2618	ALL	462225	3772991	NonCancer	0.00E+00	2.28E-09	0.00E+00	1.61E-10	1.61E-10	7.59E-08	8.07E-06	0.00E+00	7.01E-09	0.00E+00	1.61E-10	2.60E-07	0.00E+00	0.00E+00	8.07E-06
2619	ALL	462228.7	3772981	NonCancer	0.00E+00	2.28E-09	0.00E+00	1.61E-10	1.61E-10	7.61E-08	8.10E-06	0.00E+00	7.03E-09	0.00E+00	1.61E-10	2.61E-07	0.00E+00	0.00E+00	8.10E-06
2620	ALL	462232.5	3772972	NonCancer	0.00E+00	2.29E-09	0.00E+00	1.62E-10	1.62E-10	7.64E-08	8.13E-06	0.00E+00	7.05E-09	0.00E+00	1.62E-10	2.61E-07	0.00E+00	0.00E+00	8.13E-06
2621	ALL	462236.2	3772963	NonCancer	0.00E+00	2.30E-09	0.00E+00	1.62E-10	1.62E-10	7.66E-08	8.15E-06	0.00E+00	7.07E-09	0.00E+00	1.62E-10	2.62E-07	0.00E+00	0.00E+00	8.15E-06
2622	ALL	462239.9	3772954	NonCancer	0.00E+00	2.30E-09	0.00E+00	1.63E-10	1.63E-10	7.68E-08	8.18E-06	0.00E+00	7.09E-09	0.00E+00	1.63E-10	2.63E-07	0.00E+00	0.00E+00	8.18E-06
2623	ALL	462243.6	3772945	NonCancer	0.00E+00	2.31E-09	0.00E+00	1.63E-10	1.63E-10	7.69E-08	8.19E-06	0.00E+00	7.10E-09	0.00E+00	1.63E-10	2.63E-07	0.00E+00	0.00E+00	8.19E-06
2624	ALL	462247.3	3772936	NonCancer	0.00E+00	2.31E-09	0.00E+00	1.63E-10	1.63E-10	7.71E-08	8.21E-06	0.00E+00	7.12E-09	0.00E+00	1.63E-10	2.64E-07	0.00E+00	0.00E+00	8.21E-06
2625	ALL	462254.8	3772917	NonCancer	0.00E+00	2.32E-09	0.00E+00	1.64E-10	1.64E-10	7.75E-08	8.26E-06	0.00E+00	7.15E-09	0.00E+00	1.64E-10	2.65E-07	0.00E+00	0.00E+00	8.26E-06
2626	ALL	462258.5	3772908	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.76E-08	8.28E-06	0.00E+00	7.17E-09	0.00E+00	1.65E-10	2.66E-07	0.00E+00	0.00E+00	8.28E-06
2627	ALL	462262.2	3772899	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.78E-08	8.29E-06	0.00E+00	7.18E-09	0.00E+00	1.65E-10	2.66E-07	0.00E+00	0.00E+00	8.29E-06
2628	ALL	462266	3772890	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.79E-08	8.30E-06	0.00E+00	7.19E-09	0.00E+00	1.65E-10	2.67E-07	0.00E+00	0.00E+00	8.30E-06
2629	ALL	462269.7	3772881	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.65E-10	1.65E-10	7.80E-08	8.31E-06	0.00E+00	7.20E-09	0.00E+00	1.65E-10	2.67E-07	0.00E+00	0.00E+00	8.31E-06
2630	ALL	462292	3772825	NonCancer	0.00E+00	2.35E-09	0.00E+00	1.66E-10	1.66E-10	7.85E-08	8.37E-06	0.00E+00	7.25E-09	0.00E+00	1.66E-10	2.69E-07	0.00E+00	0.00E+00	8.37E-06
2631	ALL	462295.7	3772816	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.66E-10	1.66E-10	7.85E-08	8.37E-06	0.00E+00	7.25E-09	0.00E+00	1.66E-10	2.69E-07	0.00E+00	0.00E+00	8.37E-06
2632	ALL	462299.4	3772807	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.86E-08	8.38E-06	0.00E+00	7.26E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	8.38E-06
2633	ALL	462303.2	3772798	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.87E-08	8.38E-06	0.00E+00	7.26E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	8.38E-06
2634	ALL	462306.9	3772789	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.87E-08	8.39E-06	0.00E+00	7.27E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	8.39E-06
2635	ALL	462310.6	3772780	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.87E-08	8.39E-06	0.00E+00	7.27E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	8.39E-06
2636	ALL	462314.3	3772770	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.87E-08	8.39E-06	0.00E+00	7.27E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	8.39E-06
2637	ALL	462318.1	3772761	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.87E-08	8.38E-06	0.00E+00	7.26E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	8.38E-06
2638	ALL	462321.8	3772752	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.87E-08	8.38E-06	0.00E+00	7.26E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	8.38E-06
2639	ALL	462325.5	3772743	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.87E-08	8.38E-06	0.00E+00	7.26E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	8.38E-06
2640	ALL	462329.2	3772734	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.87E-08	8.37E-06	0.00E+00	7.26E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	8.37E-06
2641	ALL	462332.9	3772725	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.86E-08	8.37E-06	0.00E+00	7.26E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	8.37E-06
2642	ALL	462336.7	3772715	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.86E-08	8.36E-06	0.00E+00	7.26E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	8.36E-06
2643	ALL	462340.4	3772706	NonCancer	0.00E+00	2.35E-09	0.00E+00	1.66E-10	1.66E-10	7.85E-08	8.35E-06	0.00E+00	7.25E-09	0.00E+00	1.66E-10	2.69E-07	0.00E+00	0.00E+00	8.35E-06
2644	ALL	462344.1	3772697	NonCancer	0.00E+00	2.35E-09	0.00E+00	1.66E-10	1.66E-10	7.84E-08	8.34E-06	0.00E+00	7.24E-09	0.00E+00	1.66E-10	2.68E-07	0.00E+00	0.00E+00	8.34E-06

2645	ALL	462347.8	3772688	NonCancer	0.00E+00	2.35E-09	0.00E+00	1.66E-10	1.66E-10	7.84E-08	8.33E-06	0.00E+00	7.24E-09	0.00E+00	1.66E-10	2.68E-07	0.00E+00	0.00E+00	8.33E-06
2646	ALL	462351.5	3772679	NonCancer	0.00E+00	2.35E-09	0.00E+00	1.66E-10	1.66E-10	7.83E-08	8.32E-06	0.00E+00	7.23E-09	0.00E+00	1.66E-10	2.68E-07	0.00E+00	0.00E+00	8.32E-06
2647	ALL	462355.3	3772670	NonCancer	0.00E+00	2.35E-09	0.00E+00	1.66E-10	1.66E-10	7.82E-08	8.30E-06	0.00E+00	7.22E-09	0.00E+00	1.66E-10	2.68E-07	0.00E+00	0.00E+00	8.30E-06
2648	ALL	462359	3772660	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.66E-10	1.66E-10	7.81E-08	8.29E-06	0.00E+00	7.21E-09	0.00E+00	1.66E-10	2.67E-07	0.00E+00	0.00E+00	8.29E-06
2649	ALL	462362.7	3772651	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.65E-10	1.65E-10	7.80E-08	8.27E-06	0.00E+00	7.20E-09	0.00E+00	1.65E-10	2.67E-07	0.00E+00	0.00E+00	8.27E-06
2650	ALL	462366.4	3772642	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.65E-10	1.65E-10	7.79E-08	8.26E-06	0.00E+00	7.19E-09	0.00E+00	1.65E-10	2.67E-07	0.00E+00	0.00E+00	8.26E-06
2651	ALL	462370.2	3772633	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.78E-08	8.24E-06	0.00E+00	7.18E-09	0.00E+00	1.65E-10	2.66E-07	0.00E+00	0.00E+00	8.24E-06
2652	ALL	462373.9	3772624	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.77E-08	8.22E-06	0.00E+00	7.17E-09	0.00E+00	1.65E-10	2.66E-07	0.00E+00	0.00E+00	8.22E-06
2653	ALL	462405	3772603	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.98E-08	8.45E-06	0.00E+00	7.37E-09	0.00E+00	1.69E-10	2.73E-07	0.00E+00	0.00E+00	8.45E-06
2654	ALL	462414.1	3772599	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.06E-08	8.53E-06	0.00E+00	7.44E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.53E-06
2655	ALL	462423.3	3772595	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.72E-10	1.72E-10	8.13E-08	8.61E-06	0.00E+00	7.51E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	8.61E-06
2656	ALL	462432.4	3772592	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.74E-10	1.74E-10	8.21E-08	8.70E-06	0.00E+00	7.58E-09	0.00E+00	1.74E-10	2.81E-07	0.00E+00	0.00E+00	8.70E-06
2657	ALL	462441.5	3772588	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.28E-08	8.78E-06	0.00E+00	7.65E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	8.78E-06
2658	ALL	462450.7	3772584	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.36E-08	8.86E-06	0.00E+00	7.72E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.86E-06
2659	ALL	462478.1	3772572	NonCancer	0.00E+00	2.57E-09	0.00E+00	1.82E-10	1.82E-10	8.59E-08	9.10E-06	0.00E+00	7.93E-09	0.00E+00	1.82E-10	2.94E-07	0.00E+00	0.00E+00	9.10E-06
2660	ALL	462487.2	3772569	NonCancer	0.00E+00	2.60E-09	0.00E+00	1.84E-10	1.84E-10	8.66E-08	9.18E-06	0.00E+00	8.00E-09	0.00E+00	1.84E-10	2.96E-07	0.00E+00	0.00E+00	9.18E-06
2661	ALL	462496.3	3772565	NonCancer	0.00E+00	2.62E-09	0.00E+00	1.85E-10	1.85E-10	8.74E-08	9.26E-06	0.00E+00	8.07E-09	0.00E+00	1.85E-10	2.99E-07	0.00E+00	0.00E+00	9.26E-06
2662	ALL	462505.5	3772561	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.87E-10	1.87E-10	8.81E-08	9.34E-06	0.00E+00	8.13E-09	0.00E+00	1.87E-10	3.02E-07	0.00E+00	0.00E+00	9.34E-06
2663	ALL	462514.6	3772557	NonCancer	0.00E+00	2.66E-09	0.00E+00	1.88E-10	1.88E-10	8.89E-08	9.42E-06	0.00E+00	8.20E-09	0.00E+00	1.88E-10	3.04E-07	0.00E+00	0.00E+00	9.42E-06
2664	ALL	462523.7	3772553	NonCancer	0.00E+00	2.69E-09	0.00E+00	1.90E-10	1.90E-10	8.96E-08	9.49E-06	0.00E+00	8.27E-09	0.00E+00	1.90E-10	3.07E-07	0.00E+00	0.00E+00	9.49E-06
2665	ALL	462532.8	3772549	NonCancer	0.00E+00	2.71E-09	0.00E+00	1.91E-10	1.91E-10	9.03E-08	9.57E-06	0.00E+00	8.34E-09	0.00E+00	1.91E-10	3.09E-07	0.00E+00	0.00E+00	9.57E-06
2666	ALL	462542	3772546	NonCancer	0.00E+00	2.73E-09	0.00E+00	1.93E-10	1.93E-10	9.11E-08	9.64E-06	0.00E+00	8.41E-09	0.00E+00	1.93E-10	3.12E-07	0.00E+00	0.00E+00	9.64E-06
2667	ALL	462551.1	3772542	NonCancer	0.00E+00	2.75E-09	0.00E+00	1.94E-10	1.94E-10	9.18E-08	9.71E-06	0.00E+00	8.47E-09	0.00E+00	1.94E-10	3.14E-07	0.00E+00	0.00E+00	9.71E-06
2668	ALL	462560.2	3772538	NonCancer	0.00E+00	2.77E-09	0.00E+00	1.96E-10	1.96E-10	9.25E-08	9.79E-06	0.00E+00	8.54E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	9.79E-06
2669	ALL	462569.4	3772534	NonCancer	0.00E+00	2.79E-09	0.00E+00	1.97E-10	1.97E-10	9.32E-08	9.86E-06	0.00E+00	8.60E-09	0.00E+00	1.97E-10	3.19E-07	0.00E+00	0.00E+00	9.86E-06
2670	ALL	462578.5	3772530	NonCancer	0.00E+00	2.81E-09	0.00E+00	1.99E-10	1.99E-10	9.39E-08	9.92E-06	0.00E+00	8.67E-09	0.00E+00	1.99E-10	3.21E-07	0.00E+00	0.00E+00	9.92E-06
2671	ALL	462587.6	3772527	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.00E-10	2.00E-10	9.46E-08	9.99E-06	0.00E+00	8.73E-09	0.00E+00	2.00E-10	3.24E-07	0.00E+00	0.00E+00	9.99E-06
2672	ALL	462596.8	3772523	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.52E-08	1.01E-05	0.00E+00	8.79E-09	0.00E+00	2.02E-10	3.26E-07	0.00E+00	0.00E+00	1.01E-05
2673	ALL	462605.9	3772519	NonCancer	0.00E+00	2.88E-09	0.00E+00	2.03E-10	2.03E-10	9.59E-08	1.01E-05	0.00E+00	8.85E-09	0.00E+00	2.03E-10	3.28E-07	0.00E+00	0.00E+00	1.01E-05
2674	ALL	462633.3	3772507	NonCancer	0.00E+00	2.93E-09	0.00E+00	2.07E-10	2.07E-10	9.78E-08	1.03E-05	0.00E+00	9.03E-09	0.00E+00	2.07E-10	3.35E-07	0.00E+00	0.00E+00	1.03E-05
2675	ALL	462642.4	3772504	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.09E-10	2.09E-10	9.85E-08	1.04E-05	0.00E+00	9.09E-09	0.00E+00	2.09E-10	3.37E-07	0.00E+00	0.00E+00	1.04E-05
2676	ALL	462651.6	3772500	NonCancer	0.00E+00	2.97E-09	0.00E+00	2.10E-10	2.10E-10	9.91E-08	1.04E-05	0.00E+00	9.15E-09	0.00E+00	2.10E-10	3.39E-07	0.00E+00	0.00E+00	1.04E-05
2677	ALL	462660.7	3772496	NonCancer	0.00E+00	2.99E-09	0.00E+00	2.11E-10	2.11E-10	9.97E-08	1.05E-05	0.00E+00	9.20E-09	0.00E+00	2.11E-10	3.41E-07	0.00E+00	0.00E+00	1.05E-05
2678	ALL	462669.8	3772492	NonCancer	0.00E+00	3.01E-09	0.00E+00	2.12E-10	2.12E-10	1.00E-07	1.05E-05	0.00E+00	9.26E-09	0.00E+00	2.12E-10	3.43E-07	0.00E+00	0.00E+00	1.05E-05
2679	ALL	462679	3772488	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.06E-05	0.00E+00	9.31E-09	0.00E+00	2.14E-10	3.45E-07	0.00E+00	0.00E+00	1.06E-05
2680	ALL	462688.1	3772484	NonCancer	0.00E+00	3.04E-09	0.00E+00	2.15E-10	2.15E-10	1.01E-07	1.06E-05	0.00E+00	9.36E-09	0.00E+00	2.15E-10	3.47E-07	0.00E+00	0.00E+00	1.06E-05
2681	ALL	462697.2	3772481	NonCancer	0.00E+00	3.06E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	1.07E-05	0.00E+00	9.41E-09	0.00E+00	2.16E-10	3.49E-07	0.00E+00	0.00E+00	1.07E-05
2682	ALL	462706.4	3772477	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.03E-07	1.07E-05	0.00E+00	9.46E-09	0.00E+00	2.17E-10	3.51E-07	0.00E+00	0.00E+00	1.07E-05
2683	ALL	462715.5	3772473	NonCancer	0.00E+00	3.09E-09	0.00E+00	2.18E-10	2.18E-10	1.03E-07	1.08E-05	0.00E+00	9.51E-09	0.00E+00	2.18E-10	3.53E-07	0.00E+00	0.00E+00	1.08E-05
2684	ALL	462724.6	3772469	NonCancer	0.00E+00	3.11E-09	0.00E+00	2.19E-10	2.19E-10	1.04E-07	1.08E-05	0.00E+00	9.56E-09	0.00E+00	2.19E-10	3.54E-07	0.00E+00	0.00E+00	1.08E-05
2685	ALL	462788.6	3772442	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.11E-05	0.00E+00	9.88E-09	0.00E+00	2.27E-10	3.66E-07	0.00E+00	0.00E+00	1.11E-05
2686	ALL	462797.7	3772439	NonCancer	0.00E+00	3.22E-09	0.00E+00	2.28E-10	2.28E-10	1.07E-07	1.11E-05	0.00E+00	9.92E-09	0.00E+00	2.28E-10	3.68E-07	0.00E+00	0.00E+00	1.11E-05
2687	ALL	462806.8	3772435	NonCancer	0.00E+00	3.24E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.11E-05	0.00E+00	9.96E-09	0.00E+00	2.29E-10	3.69E-07	0.00E+00	0.00E+00	1.11E-05
2688	ALL	462816	3772431	NonCancer	0.00E+00	3.25E-09	0.00E+00	2.30E-10	2.30E-10	1.08E-07	1.11E-05	0.00E+00	1.00E-08	0.00E+00	2.30E-10	3.71E-07	0.00E+00	0.00E+00	1.11E-05
2689	ALL	462825.1	3772427	NonCancer	0.00E+00	3.26E-09	0.00E+00	2.31E-10	2.31E-10	1.09E-07	1.12E-05	0.00E+00	1.01E-08	0.00E+00	2.31E-10	3.73E-07	0.00E+00	0.00E+00	1.12E-05
2690	ALL	462834.2	3772423	NonCancer	0.00E+00	3.28E-09	0.00E+00	2.32E-10	2.32E-10	1.09E-07	1.12E-05	0.00E+00	1.01E-08	0.00E+00	2.32E-10	3.74E-07	0.00E+00	0.00E+00	1.12E-05
2691	ALL	462843.4	3772419	NonCancer	0.00E+00	3.29E-09	0.00E+00	2.33E-10	2.33E-10	1.10E-07	1.12E-05	0.00E+00	1.01E-08	0.00E+00	2.33E-10	3.76E-07	0.00E+00	0.00E+00	1.12E-05
2692	ALL	462852.5	3772416	NonCancer	0.00E+00	3.31E-09	0.00E+00	2.34E-10	2.34E-10	1.10E-07	1.13E-05	0.00E+00	1.02E-08	0.00E+00	2.34E-10	3.78E-07	0.00E+00	0.00E+00	1.13E-05
2693	ALL	462861.6	3772412	NonCancer	0.00E+00	3.32E-09	0.00E+00	2.35E-10	2.35E-10	1.11E-07	1.13E-05	0.00E+00	1.02E-08	0.00E+00	2.35E-10	3.79E-07	0.00E+00	0.00E+00	1.13E-05
2694	ALL	462870.8	3772408	NonCancer	0.00E+00	3.34E-09	0.00E+00	2.36E-10	2.36E-10	1.11E-07	1.13E-05	0.00E+00	1.03E-08	0.00E+00	2.36E-10	3.81E-07	0.00E+00	0.00E+00	1.13E-05
2695	ALL	462879.9	3772404	NonCancer	0.00E+00	3.35E-09	0.00E+00	2.37E-10	2.37E-10	1.12E-07	1.14E-05	0.00E+00	1.03E-08	0.00E+00	2.37E-10	3.83E-07	0.00E+00	0.00E+00	1.14E-05
2696	ALL	462889	3772400	NonCancer	0.00E+00	3.37E-09	0.00E+00	2.38E-10	2.38E-10	1.12E-07	1.14E-05	0.00E+00	1.04E-08	0.00E+00	2.38E-10	3.84E-07	0.00E+00	0.00E+00	1.14E-05
2697	ALL	462898.2	3772396	NonCancer	0.00E+00	3.39E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	1.14E-05	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.86E-07	0.00E+00	0.00E+00	1.14E-05
2698	ALL	462907.3	3772393	NonCancer	0.00E+00	3.40E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.15E-05	0.00E+00	1.05E-08	0.00E+00	2.40E-10	3.88E-07	0.00E+00	0.00E+00	1.15E-05

2699	ALL	462158	3773156	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.05E-08	7.42E-06	0.00E+00	6.50E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	7.42E-06
2700	ALL	462158.1	3773166	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.05E-08	7.41E-06	0.00E+00	6.50E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	7.41E-06
2701	ALL	462158.2	3773176	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.05E-08	7.40E-06	0.00E+00	6.50E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	7.40E-06
2702	ALL	462158.3	3773186	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.05E-08	7.41E-06	0.00E+00	6.51E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	7.41E-06
2703	ALL	462158.4	3773196	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.06E-08	7.41E-06	0.00E+00	6.52E-09	0.00E+00	1.50E-10	2.42E-07	0.00E+00	0.00E+00	7.41E-06
2704	ALL	462158.5	3773206	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.06E-08	7.41E-06	0.00E+00	6.52E-09	0.00E+00	1.50E-10	2.42E-07	0.00E+00	0.00E+00	7.41E-06
2705	ALL	462158.6	3773216	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.06E-08	7.40E-06	0.00E+00	6.52E-09	0.00E+00	1.50E-10	2.42E-07	0.00E+00	0.00E+00	7.40E-06
2706	ALL	462121.8	3773147	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.41E-10	1.41E-10	6.67E-08	6.99E-06	0.00E+00	6.15E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.99E-06
2707	ALL	462125.5	3773138	NonCancer	0.00E+00	2.01E-09	0.00E+00	1.42E-10	1.42E-10	6.70E-08	7.03E-06	0.00E+00	6.18E-09	0.00E+00	1.42E-10	2.29E-07	0.00E+00	0.00E+00	7.03E-06
2708	ALL	462129.2	3773129	NonCancer	0.00E+00	2.02E-09	0.00E+00	1.43E-10	1.43E-10	6.73E-08	7.07E-06	0.00E+00	6.21E-09	0.00E+00	1.43E-10	2.30E-07	0.00E+00	0.00E+00	7.07E-06
2709	ALL	462140.4	3773101	NonCancer	0.00E+00	2.05E-09	0.00E+00	1.45E-10	1.45E-10	6.82E-08	7.18E-06	0.00E+00	6.30E-09	0.00E+00	1.45E-10	2.33E-07	0.00E+00	0.00E+00	7.18E-06
2710	ALL	462144.1	3773092	NonCancer	0.00E+00	2.06E-09	0.00E+00	1.45E-10	1.45E-10	6.85E-08	7.22E-06	0.00E+00	6.33E-09	0.00E+00	1.45E-10	2.35E-07	0.00E+00	0.00E+00	7.22E-06
2711	ALL	462147.9	3773083	NonCancer	0.00E+00	2.06E-09	0.00E+00	1.46E-10	1.46E-10	6.88E-08	7.25E-06	0.00E+00	6.36E-09	0.00E+00	1.46E-10	2.36E-07	0.00E+00	0.00E+00	7.25E-06
2712	ALL	462151.6	3773073	NonCancer	0.00E+00	2.07E-09	0.00E+00	1.46E-10	1.46E-10	6.91E-08	7.29E-06	0.00E+00	6.38E-09	0.00E+00	1.46E-10	2.36E-07	0.00E+00	0.00E+00	7.29E-06
2713	ALL	462155.3	3773064	NonCancer	0.00E+00	2.08E-09	0.00E+00	1.47E-10	1.47E-10	6.93E-08	7.32E-06	0.00E+00	6.40E-09	0.00E+00	1.47E-10	2.37E-07	0.00E+00	0.00E+00	7.32E-06
2714	ALL	462159	3773055	NonCancer	0.00E+00	2.09E-09	0.00E+00	1.47E-10	1.47E-10	6.96E-08	7.35E-06	0.00E+00	6.42E-09	0.00E+00	1.47E-10	2.38E-07	0.00E+00	0.00E+00	7.35E-06
2715	ALL	462162.8	3773046	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.48E-10	1.48E-10	6.99E-08	7.38E-06	0.00E+00	6.45E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	7.38E-06
2716	ALL	462166.5	3773037	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.49E-10	1.49E-10	7.02E-08	7.41E-06	0.00E+00	6.48E-09	0.00E+00	1.49E-10	2.40E-07	0.00E+00	0.00E+00	7.41E-06
2717	ALL	462170.2	3773027	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.05E-08	7.45E-06	0.00E+00	6.50E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	7.45E-06
2718	ALL	462174	3773018	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.07E-08	7.47E-06	0.00E+00	6.53E-09	0.00E+00	1.50E-10	2.42E-07	0.00E+00	0.00E+00	7.47E-06
2719	ALL	462177.7	3773009	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.50E-10	1.50E-10	7.09E-08	7.50E-06	0.00E+00	6.54E-09	0.00E+00	1.50E-10	2.43E-07	0.00E+00	0.00E+00	7.50E-06
2720	ALL	462181.4	3773000	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.51E-10	1.51E-10	7.11E-08	7.52E-06	0.00E+00	6.56E-09	0.00E+00	1.51E-10	2.43E-07	0.00E+00	0.00E+00	7.52E-06
2721	ALL	462185.1	3772991	NonCancer	0.00E+00	2.14E-09	0.00E+00	1.51E-10	1.51E-10	7.13E-08	7.55E-06	0.00E+00	6.58E-09	0.00E+00	1.51E-10	2.44E-07	0.00E+00	0.00E+00	7.55E-06
2722	ALL	462188.9	3772982	NonCancer	0.00E+00	2.15E-09	0.00E+00	1.52E-10	1.52E-10	7.16E-08	7.58E-06	0.00E+00	6.61E-09	0.00E+00	1.52E-10	2.45E-07	0.00E+00	0.00E+00	7.58E-06
2723	ALL	462192.6	3772972	NonCancer	0.00E+00	2.15E-09	0.00E+00	1.52E-10	1.52E-10	7.18E-08	7.60E-06	0.00E+00	6.63E-09	0.00E+00	1.52E-10	2.46E-07	0.00E+00	0.00E+00	7.60E-06
2724	ALL	462196.3	3772963	NonCancer	0.00E+00	2.16E-09	0.00E+00	1.53E-10	1.53E-10	7.20E-08	7.63E-06	0.00E+00	6.65E-09	0.00E+00	1.53E-10	2.46E-07	0.00E+00	0.00E+00	7.63E-06
2725	ALL	462200	3772954	NonCancer	0.00E+00	2.16E-09	0.00E+00	1.53E-10	1.53E-10	7.22E-08	7.65E-06	0.00E+00	6.66E-09	0.00E+00	1.53E-10	2.47E-07	0.00E+00	0.00E+00	7.65E-06
2726	ALL	462226.1	3772890	NonCancer	0.00E+00	2.20E-09	0.00E+00	1.55E-10	1.55E-10	7.32E-08	7.77E-06	0.00E+00	6.76E-09	0.00E+00	1.55E-10	2.51E-07	0.00E+00	0.00E+00	7.77E-06
2727	ALL	462229.9	3772880	NonCancer	0.00E+00	2.20E-09	0.00E+00	1.55E-10	1.55E-10	7.33E-08	7.78E-06	0.00E+00	6.77E-09	0.00E+00	1.55E-10	2.51E-07	0.00E+00	0.00E+00	7.78E-06
2728	ALL	462252.2	3772825	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.39E-08	7.85E-06	0.00E+00	6.82E-09	0.00E+00	1.57E-10	2.53E-07	0.00E+00	0.00E+00	7.85E-06
2729	ALL	462256	3772816	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.40E-08	7.85E-06	0.00E+00	6.83E-09	0.00E+00	1.57E-10	2.53E-07	0.00E+00	0.00E+00	7.85E-06
2730	ALL	462259.7	3772807	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.40E-08	7.86E-06	0.00E+00	6.84E-09	0.00E+00	1.57E-10	2.53E-07	0.00E+00	0.00E+00	7.86E-06
2731	ALL	462263.4	3772798	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.41E-08	7.86E-06	0.00E+00	6.84E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	7.86E-06
2732	ALL	462267.1	3772789	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.42E-08	7.87E-06	0.00E+00	6.85E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	7.87E-06
2733	ALL	462270.9	3772779	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.42E-08	7.87E-06	0.00E+00	6.85E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	7.87E-06
2734	ALL	462274.6	3772770	NonCancer	0.00E+00	2.23E-09	0.00E+00	1.57E-10	1.57E-10	7.42E-08	7.87E-06	0.00E+00	6.85E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	7.87E-06
2735	ALL	462278.3	3772761	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.42E-08	7.87E-06	0.00E+00	6.85E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	7.87E-06
2736	ALL	462282.1	3772752	NonCancer	0.00E+00	2.23E-09	0.00E+00	1.57E-10	1.57E-10	7.42E-08	7.87E-06	0.00E+00	6.85E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	7.87E-06
2737	ALL	462285.8	3772743	NonCancer	0.00E+00	2.23E-09	0.00E+00	1.57E-10	1.57E-10	7.42E-08	7.87E-06	0.00E+00	6.85E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	7.87E-06
2738	ALL	462289.5	3772733	NonCancer	0.00E+00	2.23E-09	0.00E+00	1.57E-10	1.57E-10	7.42E-08	7.87E-06	0.00E+00	6.85E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	7.87E-06
2739	ALL	462293.2	3772724	NonCancer	0.00E+00	2.23E-09	0.00E+00	1.57E-10	1.57E-10	7.42E-08	7.86E-06	0.00E+00	6.85E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	7.86E-06
2740	ALL	462297	3772715	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.42E-08	7.86E-06	0.00E+00	6.85E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	7.86E-06
2741	ALL	462300.7	3772706	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.41E-08	7.85E-06	0.00E+00	6.84E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	7.85E-06
2742	ALL	462304.4	3772697	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.41E-08	7.84E-06	0.00E+00	6.84E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	7.84E-06
2743	ALL	462308.1	3772687	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.41E-08	7.84E-06	0.00E+00	6.84E-09	0.00E+00	1.57E-10	2.53E-07	0.00E+00	0.00E+00	7.84E-06
2744	ALL	462311.9	3772678	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.40E-08	7.83E-06	0.00E+00	6.83E-09	0.00E+00	1.57E-10	2.53E-07	0.00E+00	0.00E+00	7.83E-06
2745	ALL	462315.6	3772669	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.40E-08	7.82E-06	0.00E+00	6.83E-09	0.00E+00	1.57E-10	2.53E-07	0.00E+00	0.00E+00	7.82E-06
2746	ALL	462319.3	3772660	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.39E-08	7.81E-06	0.00E+00	6.82E-09	0.00E+00	1.57E-10	2.53E-07	0.00E+00	0.00E+00	7.81E-06
2747	ALL	462323.1	3772651	NonCancer	0.00E+00	2.21E-09	0.00E+00	1.56E-10	1.56E-10	7.38E-08	7.80E-06	0.00E+00	6.81E-09	0.00E+00	1.56E-10	2.53E-07	0.00E+00	0.00E+00	7.80E-06
2748	ALL	462326.8	3772641	NonCancer	0.00E+00	2.21E-09	0.00E+00	1.56E-10	1.56E-10	7.37E-08	7.79E-06	0.00E+00	6.81E-09	0.00E+00	1.56E-10	2.52E-07	0.00E+00	0.00E+00	7.79E-06
2749	ALL	462330.5	3772632	NonCancer	0.00E+00	2.21E-09	0.00E+00	1.56E-10	1.56E-10	7.36E-08	7.77E-06	0.00E+00	6.80E-09	0.00E+00	1.56E-10	2.52E-07	0.00E+00	0.00E+00	7.77E-06
2750	ALL	462334.2	3772623	NonCancer	0.00E+00	2.20E-09	0.00E+00	1.56E-10	1.56E-10	7.35E-08	7.76E-06	0.00E+00	6.79E-09	0.00E+00	1.56E-10	2.52E-07	0.00E+00	0.00E+00	7.76E-06
2751	ALL	462345.4	3772596	NonCancer	0.00E+00	2.19E-09	0.00E+00	1.55E-10	1.55E-10	7.32E-08	7.71E-06	0.00E+00	6.75E-09	0.00E+00	1.55E-10	2.50E-07	0.00E+00	0.00E+00	7.71E-06
2752	ALL	462358.3	3772583	NonCancer	0.00E+00	2.21E-09	0.00E+00	1.56E-10	1.56E-10	7.37E-08	7.77E-06	0.00E+00	6.81E-09	0.00E+00	1.56E-10	2.52E-07	0.00E+00	0.00E+00	7.77E-06

2753	ALL	462367.4	3772579	NonCancer	0.00E+00	2.23E-09	0.00E+00	1.58E-10	1.58E-10	7.44E-08	7.84E-06	0.00E+00	6.87E-09	0.00E+00	1.58E-10	2.55E-07	0.00E+00	0.00E+00	7.84E-06
2754	ALL	462376.6	3772575	NonCancer	0.00E+00	2.25E-09	0.00E+00	1.59E-10	1.59E-10	7.51E-08	7.92E-06	0.00E+00	6.93E-09	0.00E+00	1.59E-10	2.57E-07	0.00E+00	0.00E+00	7.92E-06
2755	ALL	462385.7	3772571	NonCancer	0.00E+00	2.27E-09	0.00E+00	1.61E-10	1.61E-10	7.58E-08	7.99E-06	0.00E+00	7.00E-09	0.00E+00	1.61E-10	2.59E-07	0.00E+00	0.00E+00	7.99E-06
2756	ALL	462394.9	3772567	NonCancer	0.00E+00	2.29E-09	0.00E+00	1.62E-10	1.62E-10	7.65E-08	8.06E-06	0.00E+00	7.06E-09	0.00E+00	1.62E-10	2.62E-07	0.00E+00	0.00E+00	8.06E-06
2757	ALL	462404	3772563	NonCancer	0.00E+00	2.31E-09	0.00E+00	1.64E-10	1.64E-10	7.72E-08	8.14E-06	0.00E+00	7.12E-09	0.00E+00	1.64E-10	2.64E-07	0.00E+00	0.00E+00	8.14E-06
2758	ALL	462413.2	3772560	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.79E-08	8.21E-06	0.00E+00	7.19E-09	0.00E+00	1.65E-10	2.66E-07	0.00E+00	0.00E+00	8.21E-06
2759	ALL	462422.3	3772556	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.66E-10	1.66E-10	7.85E-08	8.29E-06	0.00E+00	7.25E-09	0.00E+00	1.66E-10	2.69E-07	0.00E+00	0.00E+00	8.29E-06
2760	ALL	462431.5	3772552	NonCancer	0.00E+00	2.38E-09	0.00E+00	1.68E-10	1.68E-10	7.92E-08	8.36E-06	0.00E+00	7.32E-09	0.00E+00	1.68E-10	2.71E-07	0.00E+00	0.00E+00	8.36E-06
2761	ALL	462440.6	3772548	NonCancer	0.00E+00	2.40E-09	0.00E+00	1.69E-10	1.69E-10	7.99E-08	8.43E-06	0.00E+00	7.38E-09	0.00E+00	1.69E-10	2.74E-07	0.00E+00	0.00E+00	8.43E-06
2762	ALL	462449.8	3772544	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.06E-08	8.50E-06	0.00E+00	7.44E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.50E-06
2763	ALL	462477.2	3772533	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.26E-08	8.72E-06	0.00E+00	7.63E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	8.72E-06
2764	ALL	462486.4	3772529	NonCancer	0.00E+00	2.50E-09	0.00E+00	1.77E-10	1.77E-10	8.33E-08	8.79E-06	0.00E+00	7.69E-09	0.00E+00	1.77E-10	2.85E-07	0.00E+00	0.00E+00	8.79E-06
2765	ALL	462495.5	3772525	NonCancer	0.00E+00	2.52E-09	0.00E+00	1.78E-10	1.78E-10	8.40E-08	8.86E-06	0.00E+00	7.75E-09	0.00E+00	1.78E-10	2.87E-07	0.00E+00	0.00E+00	8.86E-06
2766	ALL	462504.7	3772521	NonCancer	0.00E+00	2.54E-09	0.00E+00	1.79E-10	1.79E-10	8.47E-08	8.93E-06	0.00E+00	7.82E-09	0.00E+00	1.79E-10	2.90E-07	0.00E+00	0.00E+00	8.93E-06
2767	ALL	462513.8	3772517	NonCancer	0.00E+00	2.56E-09	0.00E+00	1.81E-10	1.81E-10	8.53E-08	8.99E-06	0.00E+00	7.88E-09	0.00E+00	1.81E-10	2.92E-07	0.00E+00	0.00E+00	8.99E-06
2768	ALL	462523	3772514	NonCancer	0.00E+00	2.58E-09	0.00E+00	1.82E-10	1.82E-10	8.60E-08	9.06E-06	0.00E+00	7.94E-09	0.00E+00	1.82E-10	2.94E-07	0.00E+00	0.00E+00	9.06E-06
2769	ALL	462532.1	3772510	NonCancer	0.00E+00	2.60E-09	0.00E+00	1.84E-10	1.84E-10	8.66E-08	9.12E-06	0.00E+00	8.00E-09	0.00E+00	1.84E-10	2.96E-07	0.00E+00	0.00E+00	9.12E-06
2770	ALL	462541.3	3772506	NonCancer	0.00E+00	2.62E-09	0.00E+00	1.85E-10	1.85E-10	8.73E-08	9.19E-06	0.00E+00	8.06E-09	0.00E+00	1.85E-10	2.99E-07	0.00E+00	0.00E+00	9.19E-06
2771	ALL	462550.4	3772502	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.86E-10	1.86E-10	8.79E-08	9.25E-06	0.00E+00	8.12E-09	0.00E+00	1.86E-10	3.01E-07	0.00E+00	0.00E+00	9.25E-06
2772	ALL	462559.6	3772498	NonCancer	0.00E+00	2.65E-09	0.00E+00	1.88E-10	1.88E-10	8.85E-08	9.31E-06	0.00E+00	8.17E-09	0.00E+00	1.88E-10	3.03E-07	0.00E+00	0.00E+00	9.31E-06
2773	ALL	462568.7	3772494	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.89E-10	1.89E-10	8.92E-08	9.38E-06	0.00E+00	8.23E-09	0.00E+00	1.89E-10	3.05E-07	0.00E+00	0.00E+00	9.38E-06
2774	ALL	462577.9	3772491	NonCancer	0.00E+00	2.69E-09	0.00E+00	1.90E-10	1.90E-10	8.98E-08	9.43E-06	0.00E+00	8.29E-09	0.00E+00	1.90E-10	3.07E-07	0.00E+00	0.00E+00	9.43E-06
2775	ALL	462587	3772487	NonCancer	0.00E+00	2.71E-09	0.00E+00	1.91E-10	1.91E-10	9.04E-08	9.49E-06	0.00E+00	8.34E-09	0.00E+00	1.91E-10	3.09E-07	0.00E+00	0.00E+00	9.49E-06
2776	ALL	462596.2	3772483	NonCancer	0.00E+00	2.73E-09	0.00E+00	1.93E-10	1.93E-10	9.10E-08	9.55E-06	0.00E+00	8.40E-09	0.00E+00	1.93E-10	3.11E-07	0.00E+00	0.00E+00	9.55E-06
2777	ALL	462605.3	3772479	NonCancer	0.00E+00	2.75E-09	0.00E+00	1.94E-10	1.94E-10	9.16E-08	9.60E-06	0.00E+00	8.45E-09	0.00E+00	1.94E-10	3.13E-07	0.00E+00	0.00E+00	9.60E-06
2778	ALL	462632.7	3772468	NonCancer	0.00E+00	2.80E-09	0.00E+00	1.98E-10	1.98E-10	9.33E-08	9.76E-06	0.00E+00	8.61E-09	0.00E+00	1.98E-10	3.19E-07	0.00E+00	0.00E+00	9.76E-06
2779	ALL	462696.8	3772441	NonCancer	0.00E+00	2.91E-09	0.00E+00	2.05E-10	2.05E-10	9.69E-08	1.01E-05	0.00E+00	8.95E-09	0.00E+00	2.05E-10	3.32E-07	0.00E+00	0.00E+00	1.01E-05
2780	ALL	462705.9	3772437	NonCancer	0.00E+00	2.92E-09	0.00E+00	2.06E-10	2.06E-10	9.74E-08	1.01E-05	0.00E+00	8.99E-09	0.00E+00	2.06E-10	3.33E-07	0.00E+00	0.00E+00	1.01E-05
2781	ALL	462715.1	3772433	NonCancer	0.00E+00	2.93E-09	0.00E+00	2.07E-10	2.07E-10	9.79E-08	1.02E-05	0.00E+00	9.03E-09	0.00E+00	2.07E-10	3.35E-07	0.00E+00	0.00E+00	1.02E-05
2782	ALL	462724.2	3772429	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.08E-10	2.08E-10	9.83E-08	1.02E-05	0.00E+00	9.08E-09	0.00E+00	2.08E-10	3.37E-07	0.00E+00	0.00E+00	1.02E-05
2783	ALL	462733.4	3772425	NonCancer	0.00E+00	2.96E-09	0.00E+00	2.09E-10	2.09E-10	9.88E-08	1.02E-05	0.00E+00	9.12E-09	0.00E+00	2.09E-10	3.38E-07	0.00E+00	0.00E+00	1.02E-05
2784	ALL	462742.5	3772422	NonCancer	0.00E+00	2.98E-09	0.00E+00	2.10E-10	2.10E-10	9.92E-08	1.03E-05	0.00E+00	9.16E-09	0.00E+00	2.10E-10	3.40E-07	0.00E+00	0.00E+00	1.03E-05
2785	ALL	462751.7	3772418	NonCancer	0.00E+00	2.99E-09	0.00E+00	2.11E-10	2.11E-10	9.97E-08	1.03E-05	0.00E+00	9.20E-09	0.00E+00	2.11E-10	3.41E-07	0.00E+00	0.00E+00	1.03E-05
2786	ALL	462760.8	3772414	NonCancer	0.00E+00	3.00E-09	0.00E+00	2.12E-10	2.12E-10	1.00E-07	1.03E-05	0.00E+00	9.24E-09	0.00E+00	2.12E-10	3.43E-07	0.00E+00	0.00E+00	1.03E-05
2787	ALL	462770	3772410	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.13E-10	2.13E-10	1.01E-07	1.04E-05	0.00E+00	9.28E-09	0.00E+00	2.13E-10	3.44E-07	0.00E+00	0.00E+00	1.04E-05
2788	ALL	462779.1	3772406	NonCancer	0.00E+00	3.03E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.04E-05	0.00E+00	9.32E-09	0.00E+00	2.14E-10	3.46E-07	0.00E+00	0.00E+00	1.04E-05
2789	ALL	462788.3	3772402	NonCancer	0.00E+00	3.04E-09	0.00E+00	2.15E-10	2.15E-10	1.01E-07	1.04E-05	0.00E+00	9.36E-09	0.00E+00	2.15E-10	3.47E-07	0.00E+00	0.00E+00	1.04E-05
2790	ALL	462797.4	3772399	NonCancer	0.00E+00	3.05E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	1.04E-05	0.00E+00	9.40E-09	0.00E+00	2.16E-10	3.49E-07	0.00E+00	0.00E+00	1.04E-05
2791	ALL	462806.6	3772395	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.02E-07	1.05E-05	0.00E+00	9.44E-09	0.00E+00	2.17E-10	3.50E-07	0.00E+00	0.00E+00	1.05E-05
2792	ALL	462815.7	3772391	NonCancer	0.00E+00	3.08E-09	0.00E+00	2.18E-10	2.18E-10	1.03E-07	1.05E-05	0.00E+00	9.48E-09	0.00E+00	2.18E-10	3.52E-07	0.00E+00	0.00E+00	1.05E-05
2793	ALL	462824.9	3772387	NonCancer	0.00E+00	3.09E-09	0.00E+00	2.19E-10	2.19E-10	1.03E-07	1.05E-05	0.00E+00	9.53E-09	0.00E+00	2.19E-10	3.53E-07	0.00E+00	0.00E+00	1.05E-05
2794	ALL	462834	3772383	NonCancer	0.00E+00	3.11E-09	0.00E+00	2.20E-10	2.20E-10	1.04E-07	1.06E-05	0.00E+00	9.57E-09	0.00E+00	2.20E-10	3.55E-07	0.00E+00	0.00E+00	1.06E-05
2795	ALL	462843.1	3772379	NonCancer	0.00E+00	3.12E-09	0.00E+00	2.21E-10	2.21E-10	1.04E-07	1.06E-05	0.00E+00	9.61E-09	0.00E+00	2.21E-10	3.56E-07	0.00E+00	0.00E+00	1.06E-05
2796	ALL	462852.3	3772376	NonCancer	0.00E+00	3.13E-09	0.00E+00	2.21E-10	2.21E-10	1.05E-07	1.06E-05	0.00E+00	9.65E-09	0.00E+00	2.21E-10	3.58E-07	0.00E+00	0.00E+00	1.06E-05
2797	ALL	462861.4	3772372	NonCancer	0.00E+00	3.15E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.07E-05	0.00E+00	9.69E-09	0.00E+00	2.22E-10	3.59E-07	0.00E+00	0.00E+00	1.07E-05
2798	ALL	462870.6	3772368	NonCancer	0.00E+00	3.16E-09	0.00E+00	2.23E-10	2.23E-10	1.05E-07	1.07E-05	0.00E+00	9.73E-09	0.00E+00	2.23E-10	3.61E-07	0.00E+00	0.00E+00	1.07E-05
2799	ALL	462879.7	3772364	NonCancer	0.00E+00	3.17E-09	0.00E+00	2.24E-10	2.24E-10	1.06E-07	1.07E-05	0.00E+00	9.77E-09	0.00E+00	2.24E-10	3.62E-07	0.00E+00	0.00E+00	1.07E-05
2800	ALL	462888.9	3772360	NonCancer	0.00E+00	3.19E-09	0.00E+00	2.25E-10	2.25E-10	1.06E-07	1.08E-05	0.00E+00	9.82E-09	0.00E+00	2.25E-10	3.64E-07	0.00E+00	0.00E+00	1.08E-05
2801	ALL	462898	3772357	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.26E-10	2.26E-10	1.07E-07	1.08E-05	0.00E+00	9.87E-09	0.00E+00	2.26E-10	3.66E-07	0.00E+00	0.00E+00	1.08E-05
2802	ALL	462907.2	3772353	NonCancer	0.00E+00	3.22E-09	0.00E+00	2.28E-10	2.28E-10	1.07E-07	1.08E-05	0.00E+00	9.92E-09	0.00E+00	2.28E-10	3.68E-07	0.00E+00	0.00E+00	1.08E-05
2803	ALL	462118	3773156	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.40E-10	1.40E-10	6.63E-08	6.95E-06	0.00E+00	6.12E-09	0.00E+00	1.40E-10	2.27E-07	0.00E+00	0.00E+00	6.95E-06
2804	ALL	462118.1	3773166	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.40E-10	1.40E-10	6.63E-08	6.94E-06	0.00E+00	6.12E-09	0.00E+00	1.40E-10	2.27E-07	0.00E+00	0.00E+00	6.94E-06
2805	ALL	462118.2	3773176	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.40E-10	1.40E-10	6.63E-08	6.94E-06	0.00E+00	6.12E-09	0.00E+00	1.40E-10	2.27E-07	0.00E+00	0.00E+00	6.94E-06
2806	ALL	462118.3	3773186	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.63E-08	6.94E-06	0.00E+00	6.13E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.94E-06

2807	ALL	462118.4	3773196	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.64E-08	6.94E-06	0.00E+00	6.13E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.94E-06
2808	ALL	462118.5	3773206	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.64E-08	6.94E-06	0.00E+00	6.13E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.94E-06
2809	ALL	462118.6	3773216	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.64E-08	6.93E-06	0.00E+00	6.13E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.93E-06
2810	ALL	462118.7	3773226	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.63E-08	6.92E-06	0.00E+00	6.13E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.92E-06
2811	ALL	462118.8	3773236	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.40E-10	1.40E-10	6.63E-08	6.91E-06	0.00E+00	6.12E-09	0.00E+00	1.40E-10	2.27E-07	0.00E+00	0.00E+00	6.91E-06
2812	ALL	462118.9	3773246	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.40E-10	1.40E-10	6.63E-08	6.90E-06	0.00E+00	6.12E-09	0.00E+00	1.40E-10	2.27E-07	0.00E+00	0.00E+00	6.90E-06
2813	ALL	462081.8	3773147	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.33E-10	1.33E-10	6.29E-08	6.57E-06	0.00E+00	5.81E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.57E-06
2814	ALL	462085.5	3773138	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.34E-10	1.34E-10	6.32E-08	6.60E-06	0.00E+00	5.83E-09	0.00E+00	1.34E-10	2.16E-07	0.00E+00	0.00E+00	6.60E-06
2815	ALL	462089.2	3773129	NonCancer	0.00E+00	1.90E-09	0.00E+00	1.34E-10	1.34E-10	6.34E-08	6.64E-06	0.00E+00	5.86E-09	0.00E+00	1.34E-10	2.17E-07	0.00E+00	0.00E+00	6.64E-06
2816	ALL	462100.4	3773101	NonCancer	0.00E+00	1.93E-09	0.00E+00	1.36E-10	1.36E-10	6.43E-08	6.74E-06	0.00E+00	5.94E-09	0.00E+00	1.36E-10	2.20E-07	0.00E+00	0.00E+00	6.74E-06
2817	ALL	462104.2	3773092	NonCancer	0.00E+00	1.94E-09	0.00E+00	1.37E-10	1.37E-10	6.46E-08	6.78E-06	0.00E+00	5.96E-09	0.00E+00	1.37E-10	2.21E-07	0.00E+00	0.00E+00	6.78E-06
2818	ALL	462107.9	3773083	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.37E-10	1.37E-10	6.49E-08	6.81E-06	0.00E+00	5.99E-09	0.00E+00	1.37E-10	2.22E-07	0.00E+00	0.00E+00	6.81E-06
2819	ALL	462111.6	3773074	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.51E-08	6.84E-06	0.00E+00	6.01E-09	0.00E+00	1.38E-10	2.23E-07	0.00E+00	0.00E+00	6.84E-06
2820	ALL	462115.4	3773064	NonCancer	0.00E+00	1.96E-09	0.00E+00	1.38E-10	1.38E-10	6.54E-08	6.86E-06	0.00E+00	6.03E-09	0.00E+00	1.38E-10	2.24E-07	0.00E+00	0.00E+00	6.86E-06
2821	ALL	462119.1	3773055	NonCancer	0.00E+00	1.97E-09	0.00E+00	1.39E-10	1.39E-10	6.56E-08	6.89E-06	0.00E+00	6.05E-09	0.00E+00	1.39E-10	2.24E-07	0.00E+00	0.00E+00	6.89E-06
2822	ALL	462122.8	3773046	NonCancer	0.00E+00	1.97E-09	0.00E+00	1.40E-10	1.40E-10	6.59E-08	6.92E-06	0.00E+00	6.08E-09	0.00E+00	1.40E-10	2.25E-07	0.00E+00	0.00E+00	6.92E-06
2823	ALL	462126.6	3773037	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.61E-08	6.96E-06	0.00E+00	6.10E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.96E-06
2824	ALL	462130.3	3773028	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.64E-08	6.99E-06	0.00E+00	6.13E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.99E-06
2825	ALL	462137.8	3773009	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.42E-10	1.42E-10	6.68E-08	7.03E-06	0.00E+00	6.17E-09	0.00E+00	1.42E-10	2.29E-07	0.00E+00	0.00E+00	7.03E-06
2826	ALL	462141.5	3773000	NonCancer	0.00E+00	2.01E-09	0.00E+00	1.42E-10	1.42E-10	6.70E-08	7.06E-06	0.00E+00	6.18E-09	0.00E+00	1.42E-10	2.29E-07	0.00E+00	0.00E+00	7.06E-06
2827	ALL	462145.2	3772991	NonCancer	0.00E+00	2.01E-09	0.00E+00	1.42E-10	1.42E-10	6.72E-08	7.08E-06	0.00E+00	6.20E-09	0.00E+00	1.42E-10	2.30E-07	0.00E+00	0.00E+00	7.08E-06
2828	ALL	462149	3772982	NonCancer	0.00E+00	2.02E-09	0.00E+00	1.43E-10	1.43E-10	6.74E-08	7.11E-06	0.00E+00	6.22E-09	0.00E+00	1.43E-10	2.31E-07	0.00E+00	0.00E+00	7.11E-06
2829	ALL	462152.7	3772972	NonCancer	0.00E+00	2.03E-09	0.00E+00	1.43E-10	1.43E-10	6.76E-08	7.13E-06	0.00E+00	6.24E-09	0.00E+00	1.43E-10	2.32E-07	0.00E+00	0.00E+00	7.13E-06
2830	ALL	462156.4	3772963	NonCancer	0.00E+00	2.03E-09	0.00E+00	1.44E-10	1.44E-10	6.78E-08	7.15E-06	0.00E+00	6.26E-09	0.00E+00	1.44E-10	2.32E-07	0.00E+00	0.00E+00	7.15E-06
2831	ALL	462160.2	3772954	NonCancer	0.00E+00	2.04E-09	0.00E+00	1.44E-10	1.44E-10	6.80E-08	7.17E-06	0.00E+00	6.28E-09	0.00E+00	1.44E-10	2.33E-07	0.00E+00	0.00E+00	7.17E-06
2832	ALL	462163.9	3772945	NonCancer	0.00E+00	2.04E-09	0.00E+00	1.44E-10	1.44E-10	6.81E-08	7.19E-06	0.00E+00	6.29E-09	0.00E+00	1.44E-10	2.33E-07	0.00E+00	0.00E+00	7.19E-06
2833	ALL	462167.6	3772936	NonCancer	0.00E+00	2.05E-09	0.00E+00	1.45E-10	1.45E-10	6.83E-08	7.21E-06	0.00E+00	6.30E-09	0.00E+00	1.45E-10	2.34E-07	0.00E+00	0.00E+00	7.21E-06
2834	ALL	462178.8	3772908	NonCancer	0.00E+00	2.06E-09	0.00E+00	1.46E-10	1.46E-10	6.88E-08	7.27E-06	0.00E+00	6.35E-09	0.00E+00	1.46E-10	2.36E-07	0.00E+00	0.00E+00	7.27E-06
2835	ALL	462182.6	3772899	NonCancer	0.00E+00	2.07E-09	0.00E+00	1.46E-10	1.46E-10	6.89E-08	7.28E-06	0.00E+00	6.36E-09	0.00E+00	1.46E-10	2.36E-07	0.00E+00	0.00E+00	7.28E-06
2836	ALL	462186.3	3772890	NonCancer	0.00E+00	2.07E-09	0.00E+00	1.46E-10	1.46E-10	6.90E-08	7.29E-06	0.00E+00	6.37E-09	0.00E+00	1.46E-10	2.36E-07	0.00E+00	0.00E+00	7.29E-06
2837	ALL	462190	3772880	NonCancer	0.00E+00	2.07E-09	0.00E+00	1.47E-10	1.47E-10	6.91E-08	7.31E-06	0.00E+00	6.38E-09	0.00E+00	1.47E-10	2.37E-07	0.00E+00	0.00E+00	7.31E-06
2838	ALL	462246	3772742	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.49E-10	1.49E-10	7.01E-08	7.41E-06	0.00E+00	6.48E-09	0.00E+00	1.49E-10	2.40E-07	0.00E+00	0.00E+00	7.41E-06
2839	ALL	462249.8	3772733	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.49E-10	1.49E-10	7.02E-08	7.41E-06	0.00E+00	6.48E-09	0.00E+00	1.49E-10	2.40E-07	0.00E+00	0.00E+00	7.41E-06
2840	ALL	462253.5	3772724	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.49E-10	1.49E-10	7.02E-08	7.41E-06	0.00E+00	6.48E-09	0.00E+00	1.49E-10	2.40E-07	0.00E+00	0.00E+00	7.41E-06
2841	ALL	462257.2	3772715	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.49E-10	1.49E-10	7.02E-08	7.40E-06	0.00E+00	6.48E-09	0.00E+00	1.49E-10	2.40E-07	0.00E+00	0.00E+00	7.40E-06
2842	ALL	462261	3772705	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.49E-10	1.49E-10	7.01E-08	7.40E-06	0.00E+00	6.47E-09	0.00E+00	1.49E-10	2.40E-07	0.00E+00	0.00E+00	7.40E-06
2843	ALL	462264.7	3772696	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.49E-10	1.49E-10	7.01E-08	7.39E-06	0.00E+00	6.47E-09	0.00E+00	1.49E-10	2.40E-07	0.00E+00	0.00E+00	7.39E-06
2844	ALL	462268.4	3772687	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.48E-10	1.48E-10	7.01E-08	7.39E-06	0.00E+00	6.47E-09	0.00E+00	1.48E-10	2.40E-07	0.00E+00	0.00E+00	7.39E-06
2845	ALL	462272.2	3772678	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.48E-10	1.48E-10	7.00E-08	7.38E-06	0.00E+00	6.46E-09	0.00E+00	1.48E-10	2.40E-07	0.00E+00	0.00E+00	7.38E-06
2846	ALL	462275.9	3772669	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.48E-10	1.48E-10	7.00E-08	7.37E-06	0.00E+00	6.46E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	7.37E-06
2847	ALL	462279.6	3772659	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.48E-10	1.48E-10	6.99E-08	7.37E-06	0.00E+00	6.45E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	7.37E-06
2848	ALL	462283.4	3772650	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.48E-10	1.48E-10	6.99E-08	7.36E-06	0.00E+00	6.45E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	7.36E-06
2849	ALL	462287.1	3772641	NonCancer	0.00E+00	2.09E-09	0.00E+00	1.48E-10	1.48E-10	6.98E-08	7.35E-06	0.00E+00	6.45E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	7.35E-06
2850	ALL	462290.8	3772632	NonCancer	0.00E+00	2.09E-09	0.00E+00	1.48E-10	1.48E-10	6.98E-08	7.34E-06	0.00E+00	6.44E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	7.34E-06
2851	ALL	462294.6	3772623	NonCancer	0.00E+00	2.09E-09	0.00E+00	1.48E-10	1.48E-10	6.97E-08	7.33E-06	0.00E+00	6.43E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	7.33E-06
2852	ALL	462305.8	3772595	NonCancer	0.00E+00	2.08E-09	0.00E+00	1.47E-10	1.47E-10	6.94E-08	7.30E-06	0.00E+00	6.41E-09	0.00E+00	1.47E-10	2.38E-07	0.00E+00	0.00E+00	7.30E-06
2853	ALL	462309.5	3772586	NonCancer	0.00E+00	2.08E-09	0.00E+00	1.47E-10	1.47E-10	6.93E-08	7.28E-06	0.00E+00	6.40E-09	0.00E+00	1.47E-10	2.37E-07	0.00E+00	0.00E+00	7.28E-06
2854	ALL	462313.2	3772577	NonCancer	0.00E+00	2.08E-09	0.00E+00	1.47E-10	1.47E-10	6.92E-08	7.27E-06	0.00E+00	6.39E-09	0.00E+00	1.47E-10	2.37E-07	0.00E+00	0.00E+00	7.27E-06
2855	ALL	462317	3772567	NonCancer	0.00E+00	2.07E-09	0.00E+00	1.46E-10	1.46E-10	6.91E-08	7.25E-06	0.00E+00	6.38E-09	0.00E+00	1.46E-10	2.37E-07	0.00E+00	0.00E+00	7.25E-06
2856	ALL	462329.9	3772554	NonCancer	0.00E+00	2.09E-09	0.00E+00	1.47E-10	1.47E-10	6.96E-08	7.30E-06	0.00E+00	6.43E-09	0.00E+00	1.47E-10	2.38E-07	0.00E+00	0.00E+00	7.30E-06
2857	ALL	462339	3772551	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.02E-08	7.37E-06	0.00E+00	6.48E-09	0.00E+00	1.49E-10	2.40E-07	0.00E+00	0.00E+00	7.37E-06
2858	ALL	462348.2	3772547	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.08E-08	7.44E-06	0.00E+00	6.54E-09	0.00E+00	1.50E-10	2.42E-07	0.00E+00	0.00E+00	7.44E-06
2859	ALL	462357.4	3772543	NonCancer	0.00E+00	2.14E-09	0.00E+00	1.51E-10	1.51E-10	7.15E-08	7.50E-06	0.00E+00	6.60E-09	0.00E+00	1.51E-10	2.45E-07	0.00E+00	0.00E+00	7.50E-06
2860	ALL	462366.5	3772539	NonCancer	0.00E+00	2.16E-09	0.00E+00	1.53E-10	1.53E-10	7.21E-08	7.57E-06	0.00E+00	6.66E-09	0.00E+00	1.53E-10	2.47E-07	0.00E+00	0.00E+00	7.57E-06

2861	ALL	462375.7	3772535	NonCancer	0.00E+00	2.18E-09	0.00E+00	1.54E-10	1.54E-10	7.27E-08	7.64E-06	0.00E+00	6.71E-09	0.00E+00	1.54E-10	2.49E-07	0.00E+00	0.00E+00	7.64E-06
2862	ALL	462384.8	3772531	NonCancer	0.00E+00	2.20E-09	0.00E+00	1.55E-10	1.55E-10	7.34E-08	7.70E-06	0.00E+00	6.77E-09	0.00E+00	1.55E-10	2.51E-07	0.00E+00	0.00E+00	7.70E-06
2863	ALL	462394	3772528	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.40E-08	7.77E-06	0.00E+00	6.83E-09	0.00E+00	1.57E-10	2.53E-07	0.00E+00	0.00E+00	7.77E-06
2864	ALL	462403.2	3772524	NonCancer	0.00E+00	2.24E-09	0.00E+00	1.58E-10	1.58E-10	7.46E-08	7.84E-06	0.00E+00	6.89E-09	0.00E+00	1.58E-10	2.55E-07	0.00E+00	0.00E+00	7.84E-06
2865	ALL	462412.3	3772520	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.59E-10	1.59E-10	7.52E-08	7.90E-06	0.00E+00	6.95E-09	0.00E+00	1.59E-10	2.57E-07	0.00E+00	0.00E+00	7.90E-06
2866	ALL	462421.5	3772516	NonCancer	0.00E+00	2.27E-09	0.00E+00	1.61E-10	1.61E-10	7.59E-08	7.97E-06	0.00E+00	7.00E-09	0.00E+00	1.61E-10	2.60E-07	0.00E+00	0.00E+00	7.97E-06
2867	ALL	462430.7	3772512	NonCancer	0.00E+00	2.29E-09	0.00E+00	1.62E-10	1.62E-10	7.65E-08	8.03E-06	0.00E+00	7.06E-09	0.00E+00	1.62E-10	2.62E-07	0.00E+00	0.00E+00	8.03E-06
2868	ALL	462439.8	3772508	NonCancer	0.00E+00	2.31E-09	0.00E+00	1.63E-10	1.63E-10	7.71E-08	8.10E-06	0.00E+00	7.12E-09	0.00E+00	1.63E-10	2.64E-07	0.00E+00	0.00E+00	8.10E-06
2869	ALL	462449	3772505	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.77E-08	8.16E-06	0.00E+00	7.17E-09	0.00E+00	1.65E-10	2.66E-07	0.00E+00	0.00E+00	8.16E-06
2870	ALL	462476.5	3772493	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.95E-08	8.35E-06	0.00E+00	7.34E-09	0.00E+00	1.69E-10	2.72E-07	0.00E+00	0.00E+00	8.35E-06
2871	ALL	462485.6	3772489	NonCancer	0.00E+00	2.40E-09	0.00E+00	1.70E-10	1.70E-10	8.02E-08	8.41E-06	0.00E+00	7.40E-09	0.00E+00	1.70E-10	2.74E-07	0.00E+00	0.00E+00	8.41E-06
2872	ALL	462494.8	3772485	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.08E-08	8.47E-06	0.00E+00	7.46E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.47E-06
2873	ALL	462504	3772481	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.72E-10	1.72E-10	8.13E-08	8.53E-06	0.00E+00	7.51E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	8.53E-06
2874	ALL	462513.1	3772478	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.74E-10	1.74E-10	8.19E-08	8.59E-06	0.00E+00	7.56E-09	0.00E+00	1.74E-10	2.80E-07	0.00E+00	0.00E+00	8.59E-06
2875	ALL	462522.3	3772474	NonCancer	0.00E+00	2.47E-09	0.00E+00	1.75E-10	1.75E-10	8.25E-08	8.65E-06	0.00E+00	7.62E-09	0.00E+00	1.75E-10	2.82E-07	0.00E+00	0.00E+00	8.65E-06
2876	ALL	462595.6	3772443	NonCancer	0.00E+00	2.61E-09	0.00E+00	1.84E-10	1.84E-10	8.69E-08	9.08E-06	0.00E+00	8.03E-09	0.00E+00	1.84E-10	2.98E-07	0.00E+00	0.00E+00	9.08E-06
2877	ALL	462604.7	3772439	NonCancer	0.00E+00	2.62E-09	0.00E+00	1.85E-10	1.85E-10	8.75E-08	9.12E-06	0.00E+00	8.07E-09	0.00E+00	1.85E-10	2.99E-07	0.00E+00	0.00E+00	9.12E-06
2878	ALL	462632.2	3772428	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.89E-10	1.89E-10	8.90E-08	9.26E-06	0.00E+00	8.21E-09	0.00E+00	1.89E-10	3.05E-07	0.00E+00	0.00E+00	9.26E-06
2879	ALL	462641.4	3772424	NonCancer	0.00E+00	2.68E-09	0.00E+00	1.90E-10	1.90E-10	8.95E-08	9.30E-06	0.00E+00	8.26E-09	0.00E+00	1.90E-10	3.06E-07	0.00E+00	0.00E+00	9.30E-06
2880	ALL	462650.5	3772420	NonCancer	0.00E+00	2.70E-09	0.00E+00	1.91E-10	1.91E-10	8.99E-08	9.34E-06	0.00E+00	8.30E-09	0.00E+00	1.91E-10	3.08E-07	0.00E+00	0.00E+00	9.34E-06
2881	ALL	462659.7	3772416	NonCancer	0.00E+00	2.71E-09	0.00E+00	1.92E-10	1.92E-10	9.04E-08	9.38E-06	0.00E+00	8.35E-09	0.00E+00	1.92E-10	3.09E-07	0.00E+00	0.00E+00	9.38E-06
2882	ALL	462668.9	3772412	NonCancer	0.00E+00	2.72E-09	0.00E+00	1.93E-10	1.93E-10	9.09E-08	9.42E-06	0.00E+00	8.39E-09	0.00E+00	1.93E-10	3.11E-07	0.00E+00	0.00E+00	9.42E-06
2883	ALL	462678	3772409	NonCancer	0.00E+00	2.74E-09	0.00E+00	1.93E-10	1.93E-10	9.13E-08	9.46E-06	0.00E+00	8.43E-09	0.00E+00	1.93E-10	3.13E-07	0.00E+00	0.00E+00	9.46E-06
2884	ALL	462687.2	3772405	NonCancer	0.00E+00	2.75E-09	0.00E+00	1.94E-10	1.94E-10	9.18E-08	9.50E-06	0.00E+00	8.47E-09	0.00E+00	1.94E-10	3.14E-07	0.00E+00	0.00E+00	9.50E-06
2885	ALL	462696.4	3772401	NonCancer	0.00E+00	2.76E-09	0.00E+00	1.95E-10	1.95E-10	9.22E-08	9.53E-06	0.00E+00	8.51E-09	0.00E+00	1.95E-10	3.16E-07	0.00E+00	0.00E+00	9.53E-06
2886	ALL	462705.5	3772397	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.96E-10	1.96E-10	9.26E-08	9.57E-06	0.00E+00	8.55E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	9.57E-06
2887	ALL	462714.7	3772393	NonCancer	0.00E+00	2.79E-09	0.00E+00	1.97E-10	1.97E-10	9.31E-08	9.60E-06	0.00E+00	8.59E-09	0.00E+00	1.97E-10	3.18E-07	0.00E+00	0.00E+00	9.60E-06
2888	ALL	462723.8	3772389	NonCancer	0.00E+00	2.80E-09	0.00E+00	1.98E-10	1.98E-10	9.35E-08	9.63E-06	0.00E+00	8.63E-09	0.00E+00	1.98E-10	3.20E-07	0.00E+00	0.00E+00	9.63E-06
2889	ALL	462733	3772386	NonCancer	0.00E+00	2.82E-09	0.00E+00	1.99E-10	1.99E-10	9.39E-08	9.66E-06	0.00E+00	8.67E-09	0.00E+00	1.99E-10	3.21E-07	0.00E+00	0.00E+00	9.66E-06
2890	ALL	462742.2	3772382	NonCancer	0.00E+00	2.83E-09	0.00E+00	2.00E-10	2.00E-10	9.43E-08	9.69E-06	0.00E+00	8.71E-09	0.00E+00	2.00E-10	3.23E-07	0.00E+00	0.00E+00	9.69E-06
2891	ALL	462751.3	3772378	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.01E-10	2.01E-10	9.47E-08	9.72E-06	0.00E+00	8.74E-09	0.00E+00	2.01E-10	3.24E-07	0.00E+00	0.00E+00	9.72E-06
2892	ALL	462760.5	3772374	NonCancer	0.00E+00	2.85E-09	0.00E+00	2.02E-10	2.02E-10	9.51E-08	9.75E-06	0.00E+00	8.78E-09	0.00E+00	2.02E-10	3.26E-07	0.00E+00	0.00E+00	9.75E-06
2893	ALL	462769.7	3772370	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.55E-08	9.78E-06	0.00E+00	8.82E-09	0.00E+00	2.02E-10	3.27E-07	0.00E+00	0.00E+00	9.78E-06
2894	ALL	462778.8	3772366	NonCancer	0.00E+00	2.88E-09	0.00E+00	2.03E-10	2.03E-10	9.59E-08	9.81E-06	0.00E+00	8.85E-09	0.00E+00	2.03E-10	3.28E-07	0.00E+00	0.00E+00	9.81E-06
2895	ALL	462788	3772363	NonCancer	0.00E+00	2.89E-09	0.00E+00	2.04E-10	2.04E-10	9.63E-08	9.84E-06	0.00E+00	8.89E-09	0.00E+00	2.04E-10	3.30E-07	0.00E+00	0.00E+00	9.84E-06
2896	ALL	462797.1	3772359	NonCancer	0.00E+00	2.90E-09	0.00E+00	2.05E-10	2.05E-10	9.67E-08	9.86E-06	0.00E+00	8.93E-09	0.00E+00	2.05E-10	3.31E-07	0.00E+00	0.00E+00	9.86E-06
2897	ALL	462806.3	3772355	NonCancer	0.00E+00	2.91E-09	0.00E+00	2.06E-10	2.06E-10	9.71E-08	9.89E-06	0.00E+00	8.96E-09	0.00E+00	2.06E-10	3.32E-07	0.00E+00	0.00E+00	9.89E-06
2898	ALL	462815.5	3772351	NonCancer	0.00E+00	2.92E-09	0.00E+00	2.07E-10	2.07E-10	9.75E-08	9.92E-06	0.00E+00	9.00E-09	0.00E+00	2.07E-10	3.34E-07	0.00E+00	0.00E+00	9.92E-06
2899	ALL	462824.6	3772347	NonCancer	0.00E+00	2.94E-09	0.00E+00	2.07E-10	2.07E-10	9.79E-08	9.94E-06	0.00E+00	9.04E-09	0.00E+00	2.07E-10	3.35E-07	0.00E+00	0.00E+00	9.94E-06
2900	ALL	462833.8	3772343	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.08E-10	2.08E-10	9.83E-08	9.97E-06	0.00E+00	9.07E-09	0.00E+00	2.08E-10	3.36E-07	0.00E+00	0.00E+00	9.97E-06
2901	ALL	462843	3772340	NonCancer	0.00E+00	2.96E-09	0.00E+00	2.09E-10	2.09E-10	9.87E-08	1.00E-05	0.00E+00	9.11E-09	0.00E+00	2.09E-10	3.38E-07	0.00E+00	0.00E+00	1.00E-05
2902	ALL	462852.1	3772336	NonCancer	0.00E+00	2.97E-09	0.00E+00	2.10E-10	2.10E-10	9.91E-08	1.00E-05	0.00E+00	9.15E-09	0.00E+00	2.10E-10	3.39E-07	0.00E+00	0.00E+00	1.00E-05
2903	ALL	462861.3	3772332	NonCancer	0.00E+00	2.98E-09	0.00E+00	2.11E-10	2.11E-10	9.95E-08	1.01E-05	0.00E+00	9.19E-09	0.00E+00	2.11E-10	3.41E-07	0.00E+00	0.00E+00	1.01E-05
2904	ALL	462870.4	3772328	NonCancer	0.00E+00	3.00E-09	0.00E+00	2.12E-10	2.12E-10	1.00E-07	1.01E-05	0.00E+00	9.23E-09	0.00E+00	2.12E-10	3.42E-07	0.00E+00	0.00E+00	1.01E-05
2905	ALL	462879.6	3772324	NonCancer	0.00E+00	3.01E-09	0.00E+00	2.13E-10	2.13E-10	1.00E-07	1.01E-05	0.00E+00	9.27E-09	0.00E+00	2.13E-10	3.44E-07	0.00E+00	0.00E+00	1.01E-05
2906	ALL	462888.8	3772320	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.02E-05	0.00E+00	9.31E-09	0.00E+00	2.14E-10	3.45E-07	0.00E+00	0.00E+00	1.02E-05
2907	ALL	462897.9	3772317	NonCancer	0.00E+00	3.04E-09	0.00E+00	2.15E-10	2.15E-10	1.01E-07	1.02E-05	0.00E+00	9.35E-09	0.00E+00	2.15E-10	3.47E-07	0.00E+00	0.00E+00	1.02E-05
2908	ALL	462907.1	3772313	NonCancer	0.00E+00	3.05E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	1.02E-05	0.00E+00	9.40E-09	0.00E+00	2.16E-10	3.48E-07	0.00E+00	0.00E+00	1.02E-05
2909	ALL	462078	3773157	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.25E-08	6.53E-06	0.00E+00	5.77E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.53E-06
2910	ALL	462078.1	3773166	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.25E-08	6.52E-06	0.00E+00	5.77E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.52E-06
2911	ALL	462078.2	3773176	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.32E-10	1.32E-10	6.25E-08	6.52E-06	0.00E+00	5.77E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	6.52E-06
2912	ALL	462078.3	3773186	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.26E-08	6.52E-06	0.00E+00	5.78E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.52E-06
2913	ALL	462078.4	3773196	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.26E-08	6.52E-06	0.00E+00	5.78E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.52E-06
2914	ALL	462078.5	3773206	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.27E-08	6.52E-06	0.00E+00	5.78E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.52E-06

2915	ALL	462078.6	3773216	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.26E-08	6.51E-06	0.00E+00	5.78E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.51E-06
2916	ALL	462078.7	3773226	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.26E-08	6.50E-06	0.00E+00	5.78E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.50E-06
2917	ALL	462078.8	3773236	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.25E-08	6.49E-06	0.00E+00	5.77E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	6.49E-06
2918	ALL	462078.9	3773246	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.25E-08	6.49E-06	0.00E+00	5.77E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	6.49E-06
2919	ALL	462041.8	3773148	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.95E-08	6.19E-06	0.00E+00	5.49E-09	0.00E+00	1.26E-10	2.03E-07	0.00E+00	0.00E+00	6.19E-06
2920	ALL	462045.5	3773138	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.27E-10	1.27E-10	5.97E-08	6.22E-06	0.00E+00	5.51E-09	0.00E+00	1.27E-10	2.04E-07	0.00E+00	0.00E+00	6.22E-06
2921	ALL	462049.3	3773129	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	6.00E-08	6.25E-06	0.00E+00	5.53E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.25E-06
2922	ALL	462056.7	3773111	NonCancer	0.00E+00	1.81E-09	0.00E+00	1.28E-10	1.28E-10	6.05E-08	6.31E-06	0.00E+00	5.58E-09	0.00E+00	1.28E-10	2.07E-07	0.00E+00	0.00E+00	6.31E-06
2923	ALL	462060.5	3773102	NonCancer	0.00E+00	1.82E-09	0.00E+00	1.29E-10	1.29E-10	6.08E-08	6.34E-06	0.00E+00	5.61E-09	0.00E+00	1.29E-10	2.08E-07	0.00E+00	0.00E+00	6.34E-06
2924	ALL	462064.2	3773092	NonCancer	0.00E+00	1.83E-09	0.00E+00	1.29E-10	1.29E-10	6.10E-08	6.38E-06	0.00E+00	5.64E-09	0.00E+00	1.29E-10	2.09E-07	0.00E+00	0.00E+00	6.38E-06
2925	ALL	462068	3773083	NonCancer	0.00E+00	1.84E-09	0.00E+00	1.30E-10	1.30E-10	6.13E-08	6.41E-06	0.00E+00	5.66E-09	0.00E+00	1.30E-10	2.10E-07	0.00E+00	0.00E+00	6.41E-06
2926	ALL	462071.7	3773074	NonCancer	0.00E+00	1.84E-09	0.00E+00	1.30E-10	1.30E-10	6.15E-08	6.43E-06	0.00E+00	5.68E-09	0.00E+00	1.30E-10	2.11E-07	0.00E+00	0.00E+00	6.43E-06
2927	ALL	462075.4	3773065	NonCancer	0.00E+00	1.85E-09	0.00E+00	1.31E-10	1.31E-10	6.17E-08	6.46E-06	0.00E+00	5.70E-09	0.00E+00	1.31E-10	2.11E-07	0.00E+00	0.00E+00	6.46E-06
2928	ALL	462079.2	3773055	NonCancer	0.00E+00	1.86E-09	0.00E+00	1.31E-10	1.31E-10	6.19E-08	6.48E-06	0.00E+00	5.72E-09	0.00E+00	1.31E-10	2.12E-07	0.00E+00	0.00E+00	6.48E-06
2929	ALL	462082.9	3773046	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.22E-08	6.51E-06	0.00E+00	5.74E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	6.51E-06
2930	ALL	462086.6	3773037	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.24E-08	6.54E-06	0.00E+00	5.77E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	6.54E-06
2931	ALL	462090.4	3773028	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.27E-08	6.57E-06	0.00E+00	5.79E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.57E-06
2932	ALL	462097.9	3773009	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.34E-10	1.34E-10	6.31E-08	6.61E-06	0.00E+00	5.82E-09	0.00E+00	1.34E-10	2.16E-07	0.00E+00	0.00E+00	6.61E-06
2933	ALL	462101.6	3773000	NonCancer	0.00E+00	1.90E-09	0.00E+00	1.34E-10	1.34E-10	6.33E-08	6.64E-06	0.00E+00	5.84E-09	0.00E+00	1.34E-10	2.16E-07	0.00E+00	0.00E+00	6.64E-06
2934	ALL	462105.3	3772991	NonCancer	0.00E+00	1.90E-09	0.00E+00	1.34E-10	1.34E-10	6.35E-08	6.66E-06	0.00E+00	5.86E-09	0.00E+00	1.34E-10	2.17E-07	0.00E+00	0.00E+00	6.66E-06
2935	ALL	462109.1	3772982	NonCancer	0.00E+00	1.91E-09	0.00E+00	1.35E-10	1.35E-10	6.37E-08	6.68E-06	0.00E+00	5.88E-09	0.00E+00	1.35E-10	2.18E-07	0.00E+00	0.00E+00	6.68E-06
2936	ALL	462112.8	3772973	NonCancer	0.00E+00	1.92E-09	0.00E+00	1.35E-10	1.35E-10	6.39E-08	6.71E-06	0.00E+00	5.90E-09	0.00E+00	1.35E-10	2.19E-07	0.00E+00	0.00E+00	6.71E-06
2937	ALL	462116.6	3772963	NonCancer	0.00E+00	1.92E-09	0.00E+00	1.36E-10	1.36E-10	6.41E-08	6.73E-06	0.00E+00	5.91E-09	0.00E+00	1.36E-10	2.19E-07	0.00E+00	0.00E+00	6.73E-06
2938	ALL	462120.3	3772954	NonCancer	0.00E+00	1.93E-09	0.00E+00	1.36E-10	1.36E-10	6.42E-08	6.75E-06	0.00E+00	5.93E-09	0.00E+00	1.36E-10	2.20E-07	0.00E+00	0.00E+00	6.75E-06
2939	ALL	462124	3772945	NonCancer	0.00E+00	1.93E-09	0.00E+00	1.36E-10	1.36E-10	6.44E-08	6.76E-06	0.00E+00	5.94E-09	0.00E+00	1.36E-10	2.20E-07	0.00E+00	0.00E+00	6.76E-06
2940	ALL	462127.8	3772936	NonCancer	0.00E+00	1.93E-09	0.00E+00	1.37E-10	1.37E-10	6.45E-08	6.78E-06	0.00E+00	5.95E-09	0.00E+00	1.37E-10	2.21E-07	0.00E+00	0.00E+00	6.78E-06
2941	ALL	462139	3772908	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.50E-08	6.84E-06	0.00E+00	6.00E-09	0.00E+00	1.38E-10	2.23E-07	0.00E+00	0.00E+00	6.84E-06
2942	ALL	462142.7	3772899	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.51E-08	6.85E-06	0.00E+00	6.01E-09	0.00E+00	1.38E-10	2.23E-07	0.00E+00	0.00E+00	6.85E-06
2943	ALL	462146.5	3772890	NonCancer	0.00E+00	1.96E-09	0.00E+00	1.38E-10	1.38E-10	6.52E-08	6.86E-06	0.00E+00	6.02E-09	0.00E+00	1.38E-10	2.23E-07	0.00E+00	0.00E+00	6.86E-06
2944	ALL	462150.2	3772880	NonCancer	0.00E+00	1.96E-09	0.00E+00	1.38E-10	1.38E-10	6.53E-08	6.87E-06	0.00E+00	6.03E-09	0.00E+00	1.38E-10	2.24E-07	0.00E+00	0.00E+00	6.87E-06
2945	ALL	462168.9	3772834	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.59E-08	6.93E-06	0.00E+00	6.08E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.93E-06
2946	ALL	462172.6	3772825	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.59E-08	6.94E-06	0.00E+00	6.09E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.94E-06
2947	ALL	462176.4	3772816	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.60E-08	6.95E-06	0.00E+00	6.09E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.95E-06
2948	ALL	462180.1	3772807	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.61E-08	6.96E-06	0.00E+00	6.10E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.96E-06
2949	ALL	462183.8	3772797	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.62E-08	6.96E-06	0.00E+00	6.11E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.96E-06
2950	ALL	462187.6	3772788	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.40E-10	1.40E-10	6.62E-08	6.97E-06	0.00E+00	6.12E-09	0.00E+00	1.40E-10	2.27E-07	0.00E+00	0.00E+00	6.97E-06
2951	ALL	462191.3	3772779	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.40E-10	1.40E-10	6.63E-08	6.98E-06	0.00E+00	6.12E-09	0.00E+00	1.40E-10	2.27E-07	0.00E+00	0.00E+00	6.98E-06
2952	ALL	462195.1	3772770	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.63E-08	6.98E-06	0.00E+00	6.12E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.98E-06
2953	ALL	462198.8	3772761	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.63E-08	6.98E-06	0.00E+00	6.12E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.98E-06
2954	ALL	462236.2	3772668	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.63E-08	6.97E-06	0.00E+00	6.12E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.97E-06
2955	ALL	462239.9	3772659	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.63E-08	6.97E-06	0.00E+00	6.12E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.97E-06
2956	ALL	462243.7	3772650	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.40E-10	1.40E-10	6.63E-08	6.96E-06	0.00E+00	6.12E-09	0.00E+00	1.40E-10	2.27E-07	0.00E+00	0.00E+00	6.96E-06
2957	ALL	462247.4	3772641	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.40E-10	1.40E-10	6.63E-08	6.96E-06	0.00E+00	6.12E-09	0.00E+00	1.40E-10	2.27E-07	0.00E+00	0.00E+00	6.96E-06
2958	ALL	462262.4	3772604	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.60E-08	6.92E-06	0.00E+00	6.09E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.92E-06
2959	ALL	462266.1	3772595	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.60E-08	6.91E-06	0.00E+00	6.09E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.91E-06
2960	ALL	462269.8	3772585	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.59E-08	6.90E-06	0.00E+00	6.08E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.90E-06
2961	ALL	462273.6	3772576	NonCancer	0.00E+00	1.97E-09	0.00E+00	1.39E-10	1.39E-10	6.58E-08	6.89E-06	0.00E+00	6.08E-09	0.00E+00	1.39E-10	2.25E-07	0.00E+00	0.00E+00	6.89E-06
2962	ALL	462277.3	3772567	NonCancer	0.00E+00	1.97E-09	0.00E+00	1.39E-10	1.39E-10	6.57E-08	6.88E-06	0.00E+00	6.07E-09	0.00E+00	1.39E-10	2.25E-07	0.00E+00	0.00E+00	6.88E-06
2963	ALL	462281.1	3772558	NonCancer	0.00E+00	1.97E-09	0.00E+00	1.39E-10	1.39E-10	6.56E-08	6.87E-06	0.00E+00	6.06E-09	0.00E+00	1.39E-10	2.25E-07	0.00E+00	0.00E+00	6.87E-06
2964	ALL	462284.8	3772549	NonCancer	0.00E+00	1.96E-09	0.00E+00	1.39E-10	1.39E-10	6.55E-08	6.85E-06	0.00E+00	6.05E-09	0.00E+00	1.39E-10	2.24E-07	0.00E+00	0.00E+00	6.85E-06
2965	ALL	462288.5	3772539	NonCancer	0.00E+00	1.96E-09	0.00E+00	1.39E-10	1.39E-10	6.54E-08	6.84E-06	0.00E+00	6.04E-09	0.00E+00	1.39E-10	2.24E-07	0.00E+00	0.00E+00	6.84E-06
2966	ALL	462301.4	3772526	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.59E-08	6.88E-06	0.00E+00	6.08E-09	0.00E+00	1.40E-10	2.25E-07	0.00E+00	0.00E+00	6.88E-06
2967	ALL	462310.6	3772522	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.64E-08	6.94E-06	0.00E+00	6.13E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.94E-06
2968	ALL	462319.8	3772519	NonCancer	0.00E+00	2.01E-09	0.00E+00	1.42E-10	1.42E-10	6.70E-08	7.00E-06	0.00E+00	6.19E-09	0.00E+00	1.42E-10	2.29E-07	0.00E+00	0.00E+00	7.00E-06

2969	ALL	462329	3772515	NonCancer	0.00E+00	2.03E-09	0.00E+00	1.43E-10	1.43E-10	6.76E-08	7.06E-06	0.00E+00	6.24E-09	0.00E+00	1.43E-10	2.31E-07	0.00E+00	0.00E+00	7.06E-06
2970	ALL	462338.1	3772511	NonCancer	0.00E+00	2.04E-09	0.00E+00	1.44E-10	1.44E-10	6.81E-08	7.13E-06	0.00E+00	6.29E-09	0.00E+00	1.44E-10	2.33E-07	0.00E+00	0.00E+00	7.13E-06
2971	ALL	462347.3	3772507	NonCancer	0.00E+00	2.06E-09	0.00E+00	1.46E-10	1.46E-10	6.87E-08	7.19E-06	0.00E+00	6.34E-09	0.00E+00	1.46E-10	2.35E-07	0.00E+00	0.00E+00	7.19E-06
2972	ALL	462356.5	3772503	NonCancer	0.00E+00	2.08E-09	0.00E+00	1.47E-10	1.47E-10	6.93E-08	7.25E-06	0.00E+00	6.39E-09	0.00E+00	1.47E-10	2.37E-07	0.00E+00	0.00E+00	7.25E-06
2973	ALL	462365.7	3772499	NonCancer	0.00E+00	2.09E-09	0.00E+00	1.48E-10	1.48E-10	6.98E-08	7.31E-06	0.00E+00	6.45E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	7.31E-06
2974	ALL	462374.8	3772496	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.04E-08	7.37E-06	0.00E+00	6.50E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	7.37E-06
2975	ALL	462384	3772492	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.50E-10	1.50E-10	7.10E-08	7.43E-06	0.00E+00	6.55E-09	0.00E+00	1.50E-10	2.43E-07	0.00E+00	0.00E+00	7.43E-06
2976	ALL	462393.2	3772488	NonCancer	0.00E+00	2.15E-09	0.00E+00	1.52E-10	1.52E-10	7.15E-08	7.48E-06	0.00E+00	6.60E-09	0.00E+00	1.52E-10	2.45E-07	0.00E+00	0.00E+00	7.48E-06
2977	ALL	462402.4	3772484	NonCancer	0.00E+00	2.16E-09	0.00E+00	1.53E-10	1.53E-10	7.21E-08	7.54E-06	0.00E+00	6.66E-09	0.00E+00	1.53E-10	2.47E-07	0.00E+00	0.00E+00	7.54E-06
2978	ALL	462411.5	3772480	NonCancer	0.00E+00	2.18E-09	0.00E+00	1.54E-10	1.54E-10	7.27E-08	7.60E-06	0.00E+00	6.71E-09	0.00E+00	1.54E-10	2.49E-07	0.00E+00	0.00E+00	7.60E-06
2979	ALL	462420.7	3772476	NonCancer	0.00E+00	2.20E-09	0.00E+00	1.55E-10	1.55E-10	7.32E-08	7.66E-06	0.00E+00	6.76E-09	0.00E+00	1.55E-10	2.51E-07	0.00E+00	0.00E+00	7.66E-06
2980	ALL	462429.9	3772472	NonCancer	0.00E+00	2.21E-09	0.00E+00	1.56E-10	1.56E-10	7.38E-08	7.72E-06	0.00E+00	6.81E-09	0.00E+00	1.56E-10	2.53E-07	0.00E+00	0.00E+00	7.72E-06
2981	ALL	462439.1	3772469	NonCancer	0.00E+00	2.23E-09	0.00E+00	1.58E-10	1.58E-10	7.44E-08	7.78E-06	0.00E+00	6.86E-09	0.00E+00	1.58E-10	2.55E-07	0.00E+00	0.00E+00	7.78E-06
2982	ALL	462494.1	3772446	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.76E-08	8.11E-06	0.00E+00	7.17E-09	0.00E+00	1.65E-10	2.66E-07	0.00E+00	0.00E+00	8.11E-06
2983	ALL	462503.3	3772442	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.66E-10	1.66E-10	7.82E-08	8.16E-06	0.00E+00	7.22E-09	0.00E+00	1.66E-10	2.68E-07	0.00E+00	0.00E+00	8.16E-06
2984	ALL	462512.5	3772438	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.87E-08	8.21E-06	0.00E+00	7.26E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	8.21E-06
2985	ALL	462521.6	3772434	NonCancer	0.00E+00	2.38E-09	0.00E+00	1.68E-10	1.68E-10	7.92E-08	8.26E-06	0.00E+00	7.31E-09	0.00E+00	1.68E-10	2.71E-07	0.00E+00	0.00E+00	8.26E-06
2986	ALL	462530.8	3772430	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.97E-08	8.31E-06	0.00E+00	7.36E-09	0.00E+00	1.69E-10	2.73E-07	0.00E+00	0.00E+00	8.31E-06
2987	ALL	462540	3772426	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.70E-10	1.70E-10	8.02E-08	8.36E-06	0.00E+00	7.41E-09	0.00E+00	1.70E-10	2.75E-07	0.00E+00	0.00E+00	8.36E-06
2988	ALL	462549.2	3772423	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.07E-08	8.41E-06	0.00E+00	7.45E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.41E-06
2989	ALL	462558.3	3772419	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.72E-10	1.72E-10	8.12E-08	8.46E-06	0.00E+00	7.50E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	8.46E-06
2990	ALL	462567.5	3772415	NonCancer	0.00E+00	2.45E-09	0.00E+00	1.73E-10	1.73E-10	8.17E-08	8.50E-06	0.00E+00	7.54E-09	0.00E+00	1.73E-10	2.80E-07	0.00E+00	0.00E+00	8.50E-06
2991	ALL	462576.7	3772411	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.74E-10	1.74E-10	8.22E-08	8.55E-06	0.00E+00	7.59E-09	0.00E+00	1.74E-10	2.81E-07	0.00E+00	0.00E+00	8.55E-06
2992	ALL	462585.9	3772407	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.27E-08	8.59E-06	0.00E+00	7.63E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	8.59E-06
2993	ALL	462595	3772403	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.31E-08	8.63E-06	0.00E+00	7.68E-09	0.00E+00	1.76E-10	2.85E-07	0.00E+00	0.00E+00	8.63E-06
2994	ALL	462604.2	3772399	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.36E-08	8.68E-06	0.00E+00	7.72E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.68E-06
2995	ALL	462631.7	3772388	NonCancer	0.00E+00	2.55E-09	0.00E+00	1.80E-10	1.80E-10	8.49E-08	8.79E-06	0.00E+00	7.84E-09	0.00E+00	1.80E-10	2.91E-07	0.00E+00	0.00E+00	8.79E-06
2996	ALL	462640.9	3772384	NonCancer	0.00E+00	2.56E-09	0.00E+00	1.81E-10	1.81E-10	8.54E-08	8.83E-06	0.00E+00	7.88E-09	0.00E+00	1.81E-10	2.92E-07	0.00E+00	0.00E+00	8.83E-06
2997	ALL	462650.1	3772380	NonCancer	0.00E+00	2.57E-09	0.00E+00	1.82E-10	1.82E-10	8.58E-08	8.87E-06	0.00E+00	7.92E-09	0.00E+00	1.82E-10	2.94E-07	0.00E+00	0.00E+00	8.87E-06
2998	ALL	462659.3	3772376	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.62E-08	8.90E-06	0.00E+00	7.96E-09	0.00E+00	1.83E-10	2.95E-07	0.00E+00	0.00E+00	8.90E-06
2999	ALL	462668.4	3772373	NonCancer	0.00E+00	2.60E-09	0.00E+00	1.84E-10	1.84E-10	8.66E-08	8.94E-06	0.00E+00	8.00E-09	0.00E+00	1.84E-10	2.96E-07	0.00E+00	0.00E+00	8.94E-06
3000	ALL	462677.6	3772369	NonCancer	0.00E+00	2.61E-09	0.00E+00	1.84E-10	1.84E-10	8.70E-08	8.97E-06	0.00E+00	8.03E-09	0.00E+00	1.84E-10	2.98E-07	0.00E+00	0.00E+00	8.97E-06
3001	ALL	462686.8	3772365	NonCancer	0.00E+00	2.62E-09	0.00E+00	1.85E-10	1.85E-10	8.74E-08	9.00E-06	0.00E+00	8.07E-09	0.00E+00	1.85E-10	2.99E-07	0.00E+00	0.00E+00	9.00E-06
3002	ALL	462696	3772361	NonCancer	0.00E+00	2.63E-09	0.00E+00	1.86E-10	1.86E-10	8.78E-08	9.03E-06	0.00E+00	8.11E-09	0.00E+00	1.86E-10	3.01E-07	0.00E+00	0.00E+00	9.03E-06
3003	ALL	462705.1	3772357	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.87E-10	1.87E-10	8.82E-08	9.06E-06	0.00E+00	8.14E-09	0.00E+00	1.87E-10	3.02E-07	0.00E+00	0.00E+00	9.06E-06
3004	ALL	462714.3	3772353	NonCancer	0.00E+00	2.66E-09	0.00E+00	1.88E-10	1.88E-10	8.86E-08	9.09E-06	0.00E+00	8.18E-09	0.00E+00	1.88E-10	3.03E-07	0.00E+00	0.00E+00	9.09E-06
3005	ALL	462723.5	3772350	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.88E-10	1.88E-10	8.89E-08	9.12E-06	0.00E+00	8.21E-09	0.00E+00	1.88E-10	3.04E-07	0.00E+00	0.00E+00	9.12E-06
3006	ALL	462732.7	3772346	NonCancer	0.00E+00	2.68E-09	0.00E+00	1.89E-10	1.89E-10	8.93E-08	9.14E-06	0.00E+00	8.24E-09	0.00E+00	1.89E-10	3.06E-07	0.00E+00	0.00E+00	9.14E-06
3007	ALL	462741.8	3772342	NonCancer	0.00E+00	2.69E-09	0.00E+00	1.90E-10	1.90E-10	8.97E-08	9.17E-06	0.00E+00	8.28E-09	0.00E+00	1.90E-10	3.07E-07	0.00E+00	0.00E+00	9.17E-06
3008	ALL	462751	3772338	NonCancer	0.00E+00	2.70E-09	0.00E+00	1.91E-10	1.91E-10	9.00E-08	9.20E-06	0.00E+00	8.31E-09	0.00E+00	1.91E-10	3.08E-07	0.00E+00	0.00E+00	9.20E-06
3009	ALL	462760.2	3772334	NonCancer	0.00E+00	2.71E-09	0.00E+00	1.92E-10	1.92E-10	9.04E-08	9.22E-06	0.00E+00	8.34E-09	0.00E+00	1.92E-10	3.09E-07	0.00E+00	0.00E+00	9.22E-06
3010	ALL	462769.4	3772330	NonCancer	0.00E+00	2.72E-09	0.00E+00	1.92E-10	1.92E-10	9.08E-08	9.25E-06	0.00E+00	8.38E-09	0.00E+00	1.92E-10	3.11E-07	0.00E+00	0.00E+00	9.25E-06
3011	ALL	462778.5	3772326	NonCancer	0.00E+00	2.73E-09	0.00E+00	1.93E-10	1.93E-10	9.11E-08	9.27E-06	0.00E+00	8.41E-09	0.00E+00	1.93E-10	3.12E-07	0.00E+00	0.00E+00	9.27E-06
3012	ALL	462787.7	3772323	NonCancer	0.00E+00	2.74E-09	0.00E+00	1.94E-10	1.94E-10	9.15E-08	9.30E-06	0.00E+00	8.45E-09	0.00E+00	1.94E-10	3.13E-07	0.00E+00	0.00E+00	9.30E-06
3013	ALL	462796.9	3772319	NonCancer	0.00E+00	2.75E-09	0.00E+00	1.95E-10	1.95E-10	9.18E-08	9.33E-06	0.00E+00	8.48E-09	0.00E+00	1.95E-10	3.14E-07	0.00E+00	0.00E+00	9.33E-06
3014	ALL	462806.1	3772315	NonCancer	0.00E+00	2.77E-09	0.00E+00	1.95E-10	1.95E-10	9.22E-08	9.35E-06	0.00E+00	8.51E-09	0.00E+00	1.95E-10	3.16E-07	0.00E+00	0.00E+00	9.35E-06
3015	ALL	462815.2	3772311	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.96E-10	1.96E-10	9.26E-08	9.38E-06	0.00E+00	8.55E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	9.38E-06
3016	ALL	462824.4	3772307	NonCancer	0.00E+00	2.79E-09	0.00E+00	1.97E-10	1.97E-10	9.29E-08	9.40E-06	0.00E+00	8.58E-09	0.00E+00	1.97E-10	3.18E-07	0.00E+00	0.00E+00	9.40E-06
3017	ALL	462833.6	3772303	NonCancer	0.00E+00	2.80E-09	0.00E+00	1.98E-10	1.98E-10	9.33E-08	9.42E-06	0.00E+00	8.61E-09	0.00E+00	1.98E-10	3.19E-07	0.00E+00	0.00E+00	9.42E-06
3018	ALL	462842.8	3772300	NonCancer	0.00E+00	2.81E-09	0.00E+00	1.98E-10	1.98E-10	9.36E-08	9.45E-06	0.00E+00	8.64E-09	0.00E+00	1.98E-10	3.20E-07	0.00E+00	0.00E+00	9.45E-06
3019	ALL	462851.9	3772296	NonCancer	0.00E+00	2.82E-09	0.00E+00	1.99E-10	1.99E-10	9.40E-08	9.47E-06	0.00E+00	8.68E-09	0.00E+00	1.99E-10	3.22E-07	0.00E+00	0.00E+00	9.47E-06
3020	ALL	462861.1	3772292	NonCancer	0.00E+00	2.83E-09	0.00E+00	2.00E-10	2.00E-10	9.44E-08	9.50E-06	0.00E+00	8.72E-09	0.00E+00	2.00E-10	3.23E-07	0.00E+00	0.00E+00	9.50E-06
3021	ALL	462870.3	3772288	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.01E-10	2.01E-10	9.48E-08	9.53E-06	0.00E+00	8.75E-09	0.00E+00	2.01E-10	3.25E-07	0.00E+00	0.00E+00	9.53E-06
3022	ALL	462879.5	3772284	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.52E-08	9.56E-06	0.00E+00	8.79E-09	0.00E+00	2.02E-10	3.26E-07	0.00E+00	0.00E+00	9.56E-06

3023	ALL	462888.6	3772280	NonCancer	0.00E+00	2.87E-09	0.00E+00	2.03E-10	2.03E-10	9.56E-08	9.59E-06	0.00E+00	8.83E-09	0.00E+00	2.03E-10	3.27E-07	0.00E+00	0.00E+00	9.59E-06
3024	ALL	462897.8	3772277	NonCancer	0.00E+00	2.88E-09	0.00E+00	2.04E-10	2.04E-10	9.61E-08	9.62E-06	0.00E+00	8.87E-09	0.00E+00	2.04E-10	3.29E-07	0.00E+00	0.00E+00	9.62E-06
3025	ALL	462907	3772273	NonCancer	0.00E+00	2.89E-09	0.00E+00	2.04E-10	2.04E-10	9.65E-08	9.65E-06	0.00E+00	8.91E-09	0.00E+00	2.04E-10	3.30E-07	0.00E+00	0.00E+00	9.65E-06
3026	ALL	462038	3773157	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.91E-08	6.15E-06	0.00E+00	5.46E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	6.15E-06
3027	ALL	462038.1	3773167	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.91E-08	6.14E-06	0.00E+00	5.46E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	6.14E-06
3028	ALL	462038.2	3773177	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.91E-08	6.14E-06	0.00E+00	5.46E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	6.14E-06
3029	ALL	462038.3	3773187	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.92E-08	6.14E-06	0.00E+00	5.46E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	6.14E-06
3030	ALL	462038.4	3773197	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.25E-10	1.25E-10	5.92E-08	6.14E-06	0.00E+00	5.47E-09	0.00E+00	1.25E-10	2.03E-07	0.00E+00	0.00E+00	6.14E-06
3031	ALL	462038.5	3773207	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.92E-08	6.14E-06	0.00E+00	5.47E-09	0.00E+00	1.26E-10	2.03E-07	0.00E+00	0.00E+00	6.14E-06
3032	ALL	462038.6	3773217	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.92E-08	6.13E-06	0.00E+00	5.46E-09	0.00E+00	1.25E-10	2.03E-07	0.00E+00	0.00E+00	6.13E-06
3033	ALL	462038.7	3773227	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.91E-08	6.12E-06	0.00E+00	5.46E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	6.12E-06
3034	ALL	462038.8	3773237	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.91E-08	6.11E-06	0.00E+00	5.46E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	6.11E-06
3035	ALL	462038.9	3773246	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.91E-08	6.11E-06	0.00E+00	5.46E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	6.11E-06
3036	ALL	462001.7	3773148	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.19E-10	1.19E-10	5.63E-08	5.84E-06	0.00E+00	5.20E-09	0.00E+00	1.19E-10	1.93E-07	0.00E+00	0.00E+00	5.84E-06
3037	ALL	462005.4	3773139	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.66E-08	5.87E-06	0.00E+00	5.22E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.87E-06
3038	ALL	462009.1	3773130	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.68E-08	5.90E-06	0.00E+00	5.24E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.90E-06
3039	ALL	462020.2	3773103	NonCancer	0.00E+00	1.72E-09	0.00E+00	1.22E-10	1.22E-10	5.75E-08	5.98E-06	0.00E+00	5.31E-09	0.00E+00	1.22E-10	1.97E-07	0.00E+00	0.00E+00	5.98E-06
3040	ALL	462023.9	3773094	NonCancer	0.00E+00	1.73E-09	0.00E+00	1.22E-10	1.22E-10	5.78E-08	6.01E-06	0.00E+00	5.33E-09	0.00E+00	1.22E-10	1.98E-07	0.00E+00	0.00E+00	6.01E-06
3041	ALL	462027.6	3773084	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.80E-08	6.04E-06	0.00E+00	5.36E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	6.04E-06
3042	ALL	462031.3	3773075	NonCancer	0.00E+00	1.75E-09	0.00E+00	1.23E-10	1.23E-10	5.82E-08	6.06E-06	0.00E+00	5.37E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	6.06E-06
3043	ALL	462035	3773066	NonCancer	0.00E+00	1.75E-09	0.00E+00	1.24E-10	1.24E-10	5.84E-08	6.09E-06	0.00E+00	5.39E-09	0.00E+00	1.24E-10	2.00E-07	0.00E+00	0.00E+00	6.09E-06
3044	ALL	462038.6	3773057	NonCancer	0.00E+00	1.76E-09	0.00E+00	1.24E-10	1.24E-10	5.86E-08	6.11E-06	0.00E+00	5.41E-09	0.00E+00	1.24E-10	2.01E-07	0.00E+00	0.00E+00	6.11E-06
3045	ALL	462042.3	3773048	NonCancer	0.00E+00	1.76E-09	0.00E+00	1.25E-10	1.25E-10	5.88E-08	6.14E-06	0.00E+00	5.43E-09	0.00E+00	1.25E-10	2.01E-07	0.00E+00	0.00E+00	6.14E-06
3046	ALL	462046	3773039	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.91E-08	6.16E-06	0.00E+00	5.45E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	6.16E-06
3047	ALL	462049.7	3773030	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.93E-08	6.19E-06	0.00E+00	5.47E-09	0.00E+00	1.26E-10	2.03E-07	0.00E+00	0.00E+00	6.19E-06
3048	ALL	462060.8	3773003	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.27E-10	1.27E-10	5.98E-08	6.25E-06	0.00E+00	5.52E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.25E-06
3049	ALL	462064.5	3772993	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	6.00E-08	6.27E-06	0.00E+00	5.54E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.27E-06
3050	ALL	462068.2	3772984	NonCancer	0.00E+00	1.81E-09	0.00E+00	1.28E-10	1.28E-10	6.02E-08	6.29E-06	0.00E+00	5.56E-09	0.00E+00	1.28E-10	2.06E-07	0.00E+00	0.00E+00	6.29E-06
3051	ALL	462071.9	3772975	NonCancer	0.00E+00	1.81E-09	0.00E+00	1.28E-10	1.28E-10	6.04E-08	6.32E-06	0.00E+00	5.58E-09	0.00E+00	1.28E-10	2.07E-07	0.00E+00	0.00E+00	6.32E-06
3052	ALL	462075.6	3772966	NonCancer	0.00E+00	1.82E-09	0.00E+00	1.28E-10	1.28E-10	6.06E-08	6.34E-06	0.00E+00	5.59E-09	0.00E+00	1.28E-10	2.07E-07	0.00E+00	0.00E+00	6.34E-06
3053	ALL	462079.3	3772957	NonCancer	0.00E+00	1.82E-09	0.00E+00	1.29E-10	1.29E-10	6.07E-08	6.35E-06	0.00E+00	5.61E-09	0.00E+00	1.29E-10	2.08E-07	0.00E+00	0.00E+00	6.35E-06
3054	ALL	462082.9	3772948	NonCancer	0.00E+00	1.82E-09	0.00E+00	1.29E-10	1.29E-10	6.09E-08	6.37E-06	0.00E+00	5.62E-09	0.00E+00	1.29E-10	2.08E-07	0.00E+00	0.00E+00	6.37E-06
3055	ALL	462086.6	3772939	NonCancer	0.00E+00	1.83E-09	0.00E+00	1.29E-10	1.29E-10	6.10E-08	6.39E-06	0.00E+00	5.63E-09	0.00E+00	1.29E-10	2.09E-07	0.00E+00	0.00E+00	6.39E-06
3056	ALL	462090.3	3772930	NonCancer	0.00E+00	1.83E-09	0.00E+00	1.30E-10	1.30E-10	6.11E-08	6.40E-06	0.00E+00	5.65E-09	0.00E+00	1.30E-10	2.09E-07	0.00E+00	0.00E+00	6.40E-06
3057	ALL	462097.7	3772912	NonCancer	0.00E+00	1.84E-09	0.00E+00	1.30E-10	1.30E-10	6.15E-08	6.44E-06	0.00E+00	5.68E-09	0.00E+00	1.30E-10	2.10E-07	0.00E+00	0.00E+00	6.44E-06
3058	ALL	462101.4	3772902	NonCancer	0.00E+00	1.85E-09	0.00E+00	1.31E-10	1.31E-10	6.16E-08	6.45E-06	0.00E+00	5.69E-09	0.00E+00	1.31E-10	2.11E-07	0.00E+00	0.00E+00	6.45E-06
3059	ALL	462105.1	3772893	NonCancer	0.00E+00	1.85E-09	0.00E+00	1.31E-10	1.31E-10	6.17E-08	6.47E-06	0.00E+00	5.70E-09	0.00E+00	1.31E-10	2.11E-07	0.00E+00	0.00E+00	6.47E-06
3060	ALL	462108.8	3772884	NonCancer	0.00E+00	1.85E-09	0.00E+00	1.31E-10	1.31E-10	6.18E-08	6.48E-06	0.00E+00	5.71E-09	0.00E+00	1.31E-10	2.12E-07	0.00E+00	0.00E+00	6.48E-06
3061	ALL	462127.2	3772839	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.23E-08	6.53E-06	0.00E+00	5.75E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	6.53E-06
3062	ALL	462130.9	3772830	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.24E-08	6.54E-06	0.00E+00	5.76E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	6.54E-06
3063	ALL	462134.6	3772821	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.25E-08	6.55E-06	0.00E+00	5.77E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	6.55E-06
3064	ALL	462138.3	3772811	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.26E-08	6.56E-06	0.00E+00	5.78E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.56E-06
3065	ALL	462142	3772802	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.26E-08	6.57E-06	0.00E+00	5.78E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.57E-06
3066	ALL	462145.7	3772793	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.27E-08	6.57E-06	0.00E+00	5.78E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.57E-06
3067	ALL	462149.4	3772784	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.27E-08	6.58E-06	0.00E+00	5.79E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.58E-06
3068	ALL	462153.1	3772775	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.28E-08	6.58E-06	0.00E+00	5.80E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.58E-06
3069	ALL	462156.8	3772766	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.28E-08	6.59E-06	0.00E+00	5.80E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.59E-06
3070	ALL	462160.5	3772757	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.33E-10	1.33E-10	6.29E-08	6.60E-06	0.00E+00	5.81E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.60E-06
3071	ALL	462164.2	3772748	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.33E-10	1.33E-10	6.29E-08	6.60E-06	0.00E+00	5.81E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.60E-06
3072	ALL	462167.8	3772739	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.33E-10	1.33E-10	6.29E-08	6.60E-06	0.00E+00	5.81E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.60E-06
3073	ALL	462171.5	3772729	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.33E-10	1.33E-10	6.30E-08	6.60E-06	0.00E+00	5.81E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.60E-06
3074	ALL	462175.2	3772720	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.33E-10	1.33E-10	6.30E-08	6.60E-06	0.00E+00	5.81E-09	0.00E+00	1.33E-10	2.16E-07	0.00E+00	0.00E+00	6.60E-06
3075	ALL	462178.9	3772711	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.34E-10	1.34E-10	6.30E-08	6.60E-06	0.00E+00	5.82E-09	0.00E+00	1.34E-10	2.16E-07	0.00E+00	0.00E+00	6.60E-06
3076	ALL	462182.6	3772702	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.34E-10	1.34E-10	6.30E-08	6.61E-06	0.00E+00	5.82E-09	0.00E+00	1.34E-10	2.16E-07	0.00E+00	0.00E+00	6.61E-06

3077	ALL	462186.3	3772693	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.34E-10	1.34E-10	6.30E-08	6.60E-06	0.00E+00	5.82E-09	0.00E+00	1.34E-10	2.16E-07	0.00E+00	0.00E+00	6.60E-06
3078	ALL	462190	3772684	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.34E-10	1.34E-10	6.30E-08	6.60E-06	0.00E+00	5.82E-09	0.00E+00	1.34E-10	2.16E-07	0.00E+00	0.00E+00	6.60E-06
3079	ALL	462193.7	3772675	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.34E-10	1.34E-10	6.30E-08	6.60E-06	0.00E+00	5.82E-09	0.00E+00	1.34E-10	2.16E-07	0.00E+00	0.00E+00	6.60E-06
3080	ALL	462197.4	3772666	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.33E-10	1.33E-10	6.30E-08	6.60E-06	0.00E+00	5.82E-09	0.00E+00	1.33E-10	2.16E-07	0.00E+00	0.00E+00	6.60E-06
3081	ALL	462226.9	3772593	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.27E-08	6.56E-06	0.00E+00	5.79E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.56E-06
3082	ALL	462230.6	3772584	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.27E-08	6.55E-06	0.00E+00	5.79E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.55E-06
3083	ALL	462234.3	3772575	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.26E-08	6.54E-06	0.00E+00	5.78E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.54E-06
3084	ALL	462238	3772566	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.26E-08	6.53E-06	0.00E+00	5.78E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.53E-06
3085	ALL	462241.7	3772557	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.25E-08	6.52E-06	0.00E+00	5.77E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	6.52E-06
3086	ALL	462245.4	3772547	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.24E-08	6.51E-06	0.00E+00	5.76E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	6.51E-06
3087	ALL	462249.1	3772538	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.23E-08	6.50E-06	0.00E+00	5.75E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	6.50E-06
3088	ALL	462252.8	3772529	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.22E-08	6.49E-06	0.00E+00	5.74E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	6.49E-06
3089	ALL	462256.4	3772520	NonCancer	0.00E+00	1.86E-09	0.00E+00	1.32E-10	1.32E-10	6.21E-08	6.47E-06	0.00E+00	5.74E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	6.47E-06
3090	ALL	462260.1	3772511	NonCancer	0.00E+00	1.86E-09	0.00E+00	1.31E-10	1.31E-10	6.20E-08	6.46E-06	0.00E+00	5.73E-09	0.00E+00	1.31E-10	2.12E-07	0.00E+00	0.00E+00	6.46E-06
3091	ALL	462272.9	3772498	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.24E-08	6.50E-06	0.00E+00	5.76E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	6.50E-06
3092	ALL	462281.9	3772494	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.33E-10	1.33E-10	6.29E-08	6.55E-06	0.00E+00	5.81E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.55E-06
3093	ALL	462291	3772491	NonCancer	0.00E+00	1.90E-09	0.00E+00	1.34E-10	1.34E-10	6.34E-08	6.61E-06	0.00E+00	5.86E-09	0.00E+00	1.34E-10	2.17E-07	0.00E+00	0.00E+00	6.61E-06
3094	ALL	462300.1	3772487	NonCancer	0.00E+00	1.92E-09	0.00E+00	1.36E-10	1.36E-10	6.40E-08	6.66E-06	0.00E+00	5.90E-09	0.00E+00	1.36E-10	2.19E-07	0.00E+00	0.00E+00	6.66E-06
3095	ALL	462309.1	3772483	NonCancer	0.00E+00	1.93E-09	0.00E+00	1.37E-10	1.37E-10	6.45E-08	6.72E-06	0.00E+00	5.95E-09	0.00E+00	1.37E-10	2.21E-07	0.00E+00	0.00E+00	6.72E-06
3096	ALL	462318.2	3772479	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.50E-08	6.77E-06	0.00E+00	6.00E-09	0.00E+00	1.38E-10	2.22E-07	0.00E+00	0.00E+00	6.77E-06
3097	ALL	462327.2	3772475	NonCancer	0.00E+00	1.96E-09	0.00E+00	1.39E-10	1.39E-10	6.55E-08	6.83E-06	0.00E+00	6.05E-09	0.00E+00	1.39E-10	2.24E-07	0.00E+00	0.00E+00	6.83E-06
3098	ALL	462336.3	3772472	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.60E-08	6.88E-06	0.00E+00	6.09E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.88E-06
3099	ALL	462345.4	3772468	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.65E-08	6.93E-06	0.00E+00	6.14E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.93E-06
3100	ALL	462399.7	3772445	NonCancer	0.00E+00	2.09E-09	0.00E+00	1.47E-10	1.47E-10	6.96E-08	7.25E-06	0.00E+00	6.42E-09	0.00E+00	1.47E-10	2.38E-07	0.00E+00	0.00E+00	7.25E-06
3101	ALL	462408.8	3772441	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.49E-10	1.49E-10	7.01E-08	7.30E-06	0.00E+00	6.47E-09	0.00E+00	1.49E-10	2.40E-07	0.00E+00	0.00E+00	7.30E-06
3102	ALL	462417.8	3772437	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.06E-08	7.36E-06	0.00E+00	6.52E-09	0.00E+00	1.50E-10	2.42E-07	0.00E+00	0.00E+00	7.36E-06
3103	ALL	462426.9	3772434	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.51E-10	1.51E-10	7.11E-08	7.41E-06	0.00E+00	6.56E-09	0.00E+00	1.51E-10	2.43E-07	0.00E+00	0.00E+00	7.41E-06
3104	ALL	462435.9	3772430	NonCancer	0.00E+00	2.15E-09	0.00E+00	1.52E-10	1.52E-10	7.16E-08	7.46E-06	0.00E+00	6.61E-09	0.00E+00	1.52E-10	2.45E-07	0.00E+00	0.00E+00	7.46E-06
3105	ALL	462445	3772426	NonCancer	0.00E+00	2.16E-09	0.00E+00	1.53E-10	1.53E-10	7.21E-08	7.51E-06	0.00E+00	6.65E-09	0.00E+00	1.53E-10	2.47E-07	0.00E+00	0.00E+00	7.51E-06
3106	ALL	462454.1	3772422	NonCancer	0.00E+00	2.18E-09	0.00E+00	1.54E-10	1.54E-10	7.26E-08	7.56E-06	0.00E+00	6.70E-09	0.00E+00	1.54E-10	2.48E-07	0.00E+00	0.00E+00	7.56E-06
3107	ALL	462463.1	3772419	NonCancer	0.00E+00	2.19E-09	0.00E+00	1.55E-10	1.55E-10	7.30E-08	7.60E-06	0.00E+00	6.74E-09	0.00E+00	1.55E-10	2.50E-07	0.00E+00	0.00E+00	7.60E-06
3108	ALL	462472.2	3772415	NonCancer	0.00E+00	2.20E-09	0.00E+00	1.56E-10	1.56E-10	7.35E-08	7.65E-06	0.00E+00	6.79E-09	0.00E+00	1.56E-10	2.52E-07	0.00E+00	0.00E+00	7.65E-06
3109	ALL	462481.2	3772411	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.40E-08	7.70E-06	0.00E+00	6.83E-09	0.00E+00	1.57E-10	2.53E-07	0.00E+00	0.00E+00	7.70E-06
3110	ALL	462490.3	3772407	NonCancer	0.00E+00	2.23E-09	0.00E+00	1.58E-10	1.58E-10	7.45E-08	7.75E-06	0.00E+00	6.88E-09	0.00E+00	1.58E-10	2.55E-07	0.00E+00	0.00E+00	7.75E-06
3111	ALL	462499.4	3772403	NonCancer	0.00E+00	2.25E-09	0.00E+00	1.59E-10	1.59E-10	7.50E-08	7.79E-06	0.00E+00	6.92E-09	0.00E+00	1.59E-10	2.57E-07	0.00E+00	0.00E+00	7.79E-06
3112	ALL	462508.4	3772400	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.60E-10	1.60E-10	7.54E-08	7.84E-06	0.00E+00	6.96E-09	0.00E+00	1.60E-10	2.58E-07	0.00E+00	0.00E+00	7.84E-06
3113	ALL	462517.5	3772396	NonCancer	0.00E+00	2.28E-09	0.00E+00	1.61E-10	1.61E-10	7.59E-08	7.88E-06	0.00E+00	7.00E-09	0.00E+00	1.61E-10	2.60E-07	0.00E+00	0.00E+00	7.88E-06
3114	ALL	462526.5	3772392	NonCancer	0.00E+00	2.29E-09	0.00E+00	1.62E-10	1.62E-10	7.63E-08	7.92E-06	0.00E+00	7.05E-09	0.00E+00	1.62E-10	2.61E-07	0.00E+00	0.00E+00	7.92E-06
3115	ALL	462535.6	3772388	NonCancer	0.00E+00	2.30E-09	0.00E+00	1.63E-10	1.63E-10	7.68E-08	7.97E-06	0.00E+00	7.09E-09	0.00E+00	1.63E-10	2.63E-07	0.00E+00	0.00E+00	7.97E-06
3116	ALL	462544.7	3772384	NonCancer	0.00E+00	2.32E-09	0.00E+00	1.64E-10	1.64E-10	7.72E-08	8.01E-06	0.00E+00	7.13E-09	0.00E+00	1.64E-10	2.64E-07	0.00E+00	0.00E+00	8.01E-06
3117	ALL	462553.7	3772381	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.77E-08	8.05E-06	0.00E+00	7.17E-09	0.00E+00	1.65E-10	2.66E-07	0.00E+00	0.00E+00	8.05E-06
3118	ALL	462562.8	3772377	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.65E-10	1.65E-10	7.81E-08	8.09E-06	0.00E+00	7.21E-09	0.00E+00	1.65E-10	2.67E-07	0.00E+00	0.00E+00	8.09E-06
3119	ALL	462571.8	3772373	NonCancer	0.00E+00	2.35E-09	0.00E+00	1.66E-10	1.66E-10	7.85E-08	8.13E-06	0.00E+00	7.25E-09	0.00E+00	1.66E-10	2.69E-07	0.00E+00	0.00E+00	8.13E-06
3120	ALL	462580.9	3772369	NonCancer	0.00E+00	2.37E-09	0.00E+00	1.67E-10	1.67E-10	7.89E-08	8.16E-06	0.00E+00	7.29E-09	0.00E+00	1.67E-10	2.70E-07	0.00E+00	0.00E+00	8.16E-06
3121	ALL	462590	3772365	NonCancer	0.00E+00	2.38E-09	0.00E+00	1.68E-10	1.68E-10	7.93E-08	8.20E-06	0.00E+00	7.32E-09	0.00E+00	1.68E-10	2.72E-07	0.00E+00	0.00E+00	8.20E-06
3122	ALL	462599	3772362	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.97E-08	8.24E-06	0.00E+00	7.36E-09	0.00E+00	1.69E-10	2.73E-07	0.00E+00	0.00E+00	8.24E-06
3123	ALL	462608.1	3772358	NonCancer	0.00E+00	2.40E-09	0.00E+00	1.70E-10	1.70E-10	8.02E-08	8.27E-06	0.00E+00	7.40E-09	0.00E+00	1.70E-10	2.74E-07	0.00E+00	0.00E+00	8.27E-06
3124	ALL	462626.2	3772350	NonCancer	0.00E+00	2.43E-09	0.00E+00	1.72E-10	1.72E-10	8.09E-08	8.34E-06	0.00E+00	7.47E-09	0.00E+00	1.72E-10	2.77E-07	0.00E+00	0.00E+00	8.34E-06
3125	ALL	462635.3	3772346	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.72E-10	1.72E-10	8.13E-08	8.38E-06	0.00E+00	7.51E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	8.38E-06
3126	ALL	462644.3	3772343	NonCancer	0.00E+00	2.45E-09	0.00E+00	1.73E-10	1.73E-10	8.17E-08	8.41E-06	0.00E+00	7.54E-09	0.00E+00	1.73E-10	2.80E-07	0.00E+00	0.00E+00	8.41E-06
3127	ALL	462653.4	3772339	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.74E-10	1.74E-10	8.21E-08	8.44E-06	0.00E+00	7.58E-09	0.00E+00	1.74E-10	2.81E-07	0.00E+00	0.00E+00	8.44E-06
3128	ALL	462662.4	3772335	NonCancer	0.00E+00	2.47E-09	0.00E+00	1.75E-10	1.75E-10	8.24E-08	8.47E-06	0.00E+00	7.61E-09	0.00E+00	1.75E-10	2.82E-07	0.00E+00	0.00E+00	8.47E-06
3129	ALL	462671.5	3772331	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.28E-08	8.50E-06	0.00E+00	7.64E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	8.50E-06
3130	ALL	462680.5	3772327	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.31E-08	8.52E-06	0.00E+00	7.67E-09	0.00E+00	1.76E-10	2.85E-07	0.00E+00	0.00E+00	8.52E-06

3131	ALL	462689.6	3772324	NonCancer	0.00E+00	2.50E-09	0.00E+00	1.77E-10	1.77E-10	8.35E-08	8.55E-06	0.00E+00	7.71E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.55E-06
3132	ALL	462698.7	3772320	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.78E-10	1.78E-10	8.38E-08	8.57E-06	0.00E+00	7.74E-09	0.00E+00	1.78E-10	2.87E-07	0.00E+00	0.00E+00	8.57E-06
3133	ALL	462707.7	3772316	NonCancer	0.00E+00	2.52E-09	0.00E+00	1.78E-10	1.78E-10	8.41E-08	8.60E-06	0.00E+00	7.77E-09	0.00E+00	1.78E-10	2.88E-07	0.00E+00	0.00E+00	8.60E-06
3134	ALL	462716.8	3772312	NonCancer	0.00E+00	2.53E-09	0.00E+00	1.79E-10	1.79E-10	8.45E-08	8.63E-06	0.00E+00	7.80E-09	0.00E+00	1.79E-10	2.89E-07	0.00E+00	0.00E+00	8.63E-06
3135	ALL	462725.8	3772309	NonCancer	0.00E+00	2.54E-09	0.00E+00	1.80E-10	1.80E-10	8.48E-08	8.65E-06	0.00E+00	7.83E-09	0.00E+00	1.80E-10	2.90E-07	0.00E+00	0.00E+00	8.65E-06
3136	ALL	462734.9	3772305	NonCancer	0.00E+00	2.55E-09	0.00E+00	1.80E-10	1.80E-10	8.51E-08	8.68E-06	0.00E+00	7.86E-09	0.00E+00	1.80E-10	2.91E-07	0.00E+00	0.00E+00	8.68E-06
3137	ALL	462744	3772301	NonCancer	0.00E+00	2.56E-09	0.00E+00	1.81E-10	1.81E-10	8.55E-08	8.70E-06	0.00E+00	7.89E-09	0.00E+00	1.81E-10	2.93E-07	0.00E+00	0.00E+00	8.70E-06
3138	ALL	462753	3772297	NonCancer	0.00E+00	2.57E-09	0.00E+00	1.82E-10	1.82E-10	8.58E-08	8.72E-06	0.00E+00	7.92E-09	0.00E+00	1.82E-10	2.94E-07	0.00E+00	0.00E+00	8.72E-06
3139	ALL	462762.1	3772293	NonCancer	0.00E+00	2.58E-09	0.00E+00	1.82E-10	1.82E-10	8.61E-08	8.74E-06	0.00E+00	7.95E-09	0.00E+00	1.82E-10	2.95E-07	0.00E+00	0.00E+00	8.74E-06
3140	ALL	462771.1	3772290	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.64E-08	8.77E-06	0.00E+00	7.98E-09	0.00E+00	1.83E-10	2.96E-07	0.00E+00	0.00E+00	8.77E-06
3141	ALL	462780.2	3772286	NonCancer	0.00E+00	2.60E-09	0.00E+00	1.84E-10	1.84E-10	8.67E-08	8.79E-06	0.00E+00	8.01E-09	0.00E+00	1.84E-10	2.97E-07	0.00E+00	0.00E+00	8.79E-06
3142	ALL	462789.3	3772282	NonCancer	0.00E+00	2.61E-09	0.00E+00	1.84E-10	1.84E-10	8.70E-08	8.81E-06	0.00E+00	8.03E-09	0.00E+00	1.84E-10	2.98E-07	0.00E+00	0.00E+00	8.81E-06
3143	ALL	462798.3	3772278	NonCancer	0.00E+00	2.62E-09	0.00E+00	1.85E-10	1.85E-10	8.73E-08	8.83E-06	0.00E+00	8.06E-09	0.00E+00	1.85E-10	2.99E-07	0.00E+00	0.00E+00	8.83E-06
3144	ALL	462807.4	3772274	NonCancer	0.00E+00	2.63E-09	0.00E+00	1.86E-10	1.86E-10	8.77E-08	8.85E-06	0.00E+00	8.09E-09	0.00E+00	1.86E-10	3.00E-07	0.00E+00	0.00E+00	8.85E-06
3145	ALL	462816.4	3772271	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.86E-10	1.86E-10	8.80E-08	8.88E-06	0.00E+00	8.12E-09	0.00E+00	1.86E-10	3.01E-07	0.00E+00	0.00E+00	8.88E-06
3146	ALL	462825.5	3772267	NonCancer	0.00E+00	2.65E-09	0.00E+00	1.87E-10	1.87E-10	8.83E-08	8.90E-06	0.00E+00	8.15E-09	0.00E+00	1.87E-10	3.02E-07	0.00E+00	0.00E+00	8.90E-06
3147	ALL	462834.6	3772263	NonCancer	0.00E+00	2.66E-09	0.00E+00	1.88E-10	1.88E-10	8.87E-08	8.92E-06	0.00E+00	8.18E-09	0.00E+00	1.88E-10	3.03E-07	0.00E+00	0.00E+00	8.92E-06
3148	ALL	462843.6	3772259	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.89E-10	1.89E-10	8.90E-08	8.95E-06	0.00E+00	8.22E-09	0.00E+00	1.89E-10	3.05E-07	0.00E+00	0.00E+00	8.95E-06
3149	ALL	462852.7	3772255	NonCancer	0.00E+00	2.68E-09	0.00E+00	1.89E-10	1.89E-10	8.93E-08	8.97E-06	0.00E+00	8.25E-09	0.00E+00	1.89E-10	3.06E-07	0.00E+00	0.00E+00	8.97E-06
3150	ALL	462861.7	3772252	NonCancer	0.00E+00	2.69E-09	0.00E+00	1.90E-10	1.90E-10	8.97E-08	8.99E-06	0.00E+00	8.28E-09	0.00E+00	1.90E-10	3.07E-07	0.00E+00	0.00E+00	8.99E-06
3151	ALL	462870.8	3772248	NonCancer	0.00E+00	2.70E-09	0.00E+00	1.91E-10	1.91E-10	9.00E-08	9.01E-06	0.00E+00	8.31E-09	0.00E+00	1.91E-10	3.08E-07	0.00E+00	0.00E+00	9.01E-06
3152	ALL	462879.8	3772244	NonCancer	0.00E+00	2.71E-09	0.00E+00	1.91E-10	1.91E-10	9.03E-08	9.04E-06	0.00E+00	8.34E-09	0.00E+00	1.91E-10	3.09E-07	0.00E+00	0.00E+00	9.04E-06
3153	ALL	462888.9	3772240	NonCancer	0.00E+00	2.72E-09	0.00E+00	1.92E-10	1.92E-10	9.07E-08	9.06E-06	0.00E+00	8.37E-09	0.00E+00	1.92E-10	3.10E-07	0.00E+00	0.00E+00	9.06E-06
3154	ALL	462898	3772236	NonCancer	0.00E+00	2.73E-09	0.00E+00	1.93E-10	1.93E-10	9.11E-08	9.09E-06	0.00E+00	8.41E-09	0.00E+00	1.93E-10	3.12E-07	0.00E+00	0.00E+00	9.09E-06
3155	ALL	462907	3772233	NonCancer	0.00E+00	2.74E-09	0.00E+00	1.94E-10	1.94E-10	9.15E-08	9.12E-06	0.00E+00	8.44E-09	0.00E+00	1.94E-10	3.13E-07	0.00E+00	0.00E+00	9.12E-06
3156	ALL	461998	3773157	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.60E-08	5.81E-06	0.00E+00	5.17E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.81E-06
3157	ALL	461998.1	3773167	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.60E-08	5.80E-06	0.00E+00	5.17E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.80E-06
3158	ALL	461998.2	3773177	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.60E-08	5.79E-06	0.00E+00	5.17E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.79E-06
3159	ALL	461998.3	3773187	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.60E-08	5.80E-06	0.00E+00	5.17E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.80E-06
3160	ALL	461998.4	3773197	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.61E-08	5.80E-06	0.00E+00	5.18E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.80E-06
3161	ALL	461998.5	3773207	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.61E-08	5.80E-06	0.00E+00	5.18E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.80E-06
3162	ALL	461998.6	3773217	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.61E-08	5.79E-06	0.00E+00	5.18E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.79E-06
3163	ALL	461998.7	3773227	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.60E-08	5.78E-06	0.00E+00	5.17E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.78E-06
3164	ALL	461998.8	3773237	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.60E-08	5.77E-06	0.00E+00	5.17E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.77E-06
3165	ALL	461998.9	3773247	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.60E-08	5.77E-06	0.00E+00	5.17E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.77E-06
3166	ALL	461961.7	3773149	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.35E-08	5.53E-06	0.00E+00	4.93E-09	0.00E+00	1.13E-10	1.83E-07	0.00E+00	0.00E+00	5.53E-06
3167	ALL	461965.4	3773139	NonCancer	0.00E+00	1.61E-09	0.00E+00	1.14E-10	1.14E-10	5.37E-08	5.55E-06	0.00E+00	4.95E-09	0.00E+00	1.14E-10	1.84E-07	0.00E+00	0.00E+00	5.55E-06
3168	ALL	461969.1	3773130	NonCancer	0.00E+00	1.62E-09	0.00E+00	1.14E-10	1.14E-10	5.39E-08	5.58E-06	0.00E+00	4.97E-09	0.00E+00	1.14E-10	1.84E-07	0.00E+00	0.00E+00	5.58E-06
3169	ALL	461976.5	3773112	NonCancer	0.00E+00	1.63E-09	0.00E+00	1.15E-10	1.15E-10	5.43E-08	5.63E-06	0.00E+00	5.01E-09	0.00E+00	1.15E-10	1.86E-07	0.00E+00	0.00E+00	5.63E-06
3170	ALL	461980.2	3773103	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.46E-08	5.65E-06	0.00E+00	5.04E-09	0.00E+00	1.16E-10	1.87E-07	0.00E+00	0.00E+00	5.65E-06
3171	ALL	461983.9	3773094	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.48E-08	5.68E-06	0.00E+00	5.06E-09	0.00E+00	1.16E-10	1.88E-07	0.00E+00	0.00E+00	5.68E-06
3172	ALL	461987.6	3773085	NonCancer	0.00E+00	1.65E-09	0.00E+00	1.17E-10	1.17E-10	5.50E-08	5.71E-06	0.00E+00	5.08E-09	0.00E+00	1.17E-10	1.88E-07	0.00E+00	0.00E+00	5.71E-06
3173	ALL	461991.3	3773076	NonCancer	0.00E+00	1.66E-09	0.00E+00	1.17E-10	1.17E-10	5.52E-08	5.73E-06	0.00E+00	5.10E-09	0.00E+00	1.17E-10	1.89E-07	0.00E+00	0.00E+00	5.73E-06
3174	ALL	461995	3773066	NonCancer	0.00E+00	1.66E-09	0.00E+00	1.17E-10	1.17E-10	5.54E-08	5.75E-06	0.00E+00	5.11E-09	0.00E+00	1.17E-10	1.90E-07	0.00E+00	0.00E+00	5.75E-06
3175	ALL	461998.7	3773057	NonCancer	0.00E+00	1.67E-09	0.00E+00	1.18E-10	1.18E-10	5.56E-08	5.77E-06	0.00E+00	5.13E-09	0.00E+00	1.18E-10	1.90E-07	0.00E+00	0.00E+00	5.77E-06
3176	ALL	462002.4	3773048	NonCancer	0.00E+00	1.67E-09	0.00E+00	1.18E-10	1.18E-10	5.58E-08	5.80E-06	0.00E+00	5.15E-09	0.00E+00	1.18E-10	1.91E-07	0.00E+00	0.00E+00	5.80E-06
3177	ALL	462006.1	3773039	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.60E-08	5.82E-06	0.00E+00	5.17E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.82E-06
3178	ALL	462009.8	3773030	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.19E-10	1.19E-10	5.62E-08	5.85E-06	0.00E+00	5.19E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.85E-06
3179	ALL	462020.9	3773003	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.67E-08	5.91E-06	0.00E+00	5.24E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.91E-06
3180	ALL	462024.6	3772994	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.69E-08	5.92E-06	0.00E+00	5.25E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.92E-06
3181	ALL	462028.3	3772984	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.71E-08	5.95E-06	0.00E+00	5.27E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.95E-06
3182	ALL	462032	3772975	NonCancer	0.00E+00	1.72E-09	0.00E+00	1.21E-10	1.21E-10	5.73E-08	5.97E-06	0.00E+00	5.29E-09	0.00E+00	1.21E-10	1.96E-07	0.00E+00	0.00E+00	5.97E-06
3183	ALL	462035.7	3772966	NonCancer	0.00E+00	1.72E-09	0.00E+00	1.22E-10	1.22E-10	5.74E-08	5.99E-06	0.00E+00	5.30E-09	0.00E+00	1.22E-10	1.97E-07	0.00E+00	0.00E+00	5.99E-06
3184	ALL	462039.4	3772957	NonCancer	0.00E+00	1.73E-09	0.00E+00	1.22E-10	1.22E-10	5.76E-08	6.00E-06	0.00E+00	5.32E-09	0.00E+00	1.22E-10	1.97E-07	0.00E+00	0.00E+00	6.00E-06

3185	ALL	462043.1	3772948	NonCancer	0.00E+00	1.73E-09	0.00E+00	1.22E-10	1.22E-10	5.77E-08	6.02E-06	0.00E+00	5.33E-09	0.00E+00	1.22E-10	1.98E-07	0.00E+00	0.00E+00	6.02E-06
3186	ALL	462046.8	3772939	NonCancer	0.00E+00	1.73E-09	0.00E+00	1.23E-10	1.23E-10	5.78E-08	6.03E-06	0.00E+00	5.34E-09	0.00E+00	1.23E-10	1.98E-07	0.00E+00	0.00E+00	6.03E-06
3187	ALL	462057.9	3772911	NonCancer	0.00E+00	1.75E-09	0.00E+00	1.23E-10	1.23E-10	5.82E-08	6.08E-06	0.00E+00	5.38E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	6.08E-06
3188	ALL	462061.6	3772902	NonCancer	0.00E+00	1.75E-09	0.00E+00	1.24E-10	1.24E-10	5.84E-08	6.10E-06	0.00E+00	5.39E-09	0.00E+00	1.24E-10	2.00E-07	0.00E+00	0.00E+00	6.10E-06
3189	ALL	462065.3	3772893	NonCancer	0.00E+00	1.75E-09	0.00E+00	1.24E-10	1.24E-10	5.85E-08	6.11E-06	0.00E+00	5.40E-09	0.00E+00	1.24E-10	2.00E-07	0.00E+00	0.00E+00	6.11E-06
3190	ALL	462069	3772884	NonCancer	0.00E+00	1.76E-09	0.00E+00	1.24E-10	1.24E-10	5.86E-08	6.12E-06	0.00E+00	5.41E-09	0.00E+00	1.24E-10	2.01E-07	0.00E+00	0.00E+00	6.12E-06
3191	ALL	462087.5	3772839	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.91E-08	6.17E-06	0.00E+00	5.45E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	6.17E-06
3192	ALL	462091.2	3772829	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.92E-08	6.18E-06	0.00E+00	5.46E-09	0.00E+00	1.25E-10	2.03E-07	0.00E+00	0.00E+00	6.18E-06
3193	ALL	462094.9	3772820	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.93E-08	6.20E-06	0.00E+00	5.47E-09	0.00E+00	1.26E-10	2.03E-07	0.00E+00	0.00E+00	6.20E-06
3194	ALL	462098.6	3772811	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.94E-08	6.20E-06	0.00E+00	5.48E-09	0.00E+00	1.26E-10	2.03E-07	0.00E+00	0.00E+00	6.20E-06
3195	ALL	462102.3	3772802	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.94E-08	6.21E-06	0.00E+00	5.49E-09	0.00E+00	1.26E-10	2.03E-07	0.00E+00	0.00E+00	6.21E-06
3196	ALL	462106	3772793	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.95E-08	6.22E-06	0.00E+00	5.49E-09	0.00E+00	1.26E-10	2.04E-07	0.00E+00	0.00E+00	6.22E-06
3197	ALL	462109.7	3772784	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.26E-10	1.26E-10	5.95E-08	6.22E-06	0.00E+00	5.50E-09	0.00E+00	1.26E-10	2.04E-07	0.00E+00	0.00E+00	6.22E-06
3198	ALL	462113.4	3772775	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.26E-10	1.26E-10	5.96E-08	6.23E-06	0.00E+00	5.50E-09	0.00E+00	1.26E-10	2.04E-07	0.00E+00	0.00E+00	6.23E-06
3199	ALL	462117.1	3772766	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.26E-10	1.26E-10	5.97E-08	6.24E-06	0.00E+00	5.51E-09	0.00E+00	1.26E-10	2.04E-07	0.00E+00	0.00E+00	6.24E-06
3200	ALL	462120.7	3772756	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.27E-10	1.27E-10	5.97E-08	6.24E-06	0.00E+00	5.51E-09	0.00E+00	1.27E-10	2.04E-07	0.00E+00	0.00E+00	6.24E-06
3201	ALL	462124.4	3772747	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.27E-10	1.27E-10	5.98E-08	6.25E-06	0.00E+00	5.52E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.25E-06
3202	ALL	462128.1	3772738	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.27E-10	1.27E-10	5.98E-08	6.25E-06	0.00E+00	5.52E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.25E-06
3203	ALL	462131.8	3772729	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.27E-10	1.27E-10	5.98E-08	6.25E-06	0.00E+00	5.52E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.25E-06
3204	ALL	462135.5	3772720	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.27E-10	1.27E-10	5.98E-08	6.25E-06	0.00E+00	5.52E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.25E-06
3205	ALL	462139.2	3772711	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	5.99E-08	6.26E-06	0.00E+00	5.53E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.26E-06
3206	ALL	462142.9	3772702	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	5.99E-08	6.26E-06	0.00E+00	5.53E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.26E-06
3207	ALL	462146.6	3772693	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	5.99E-08	6.26E-06	0.00E+00	5.53E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.26E-06
3208	ALL	462150.3	3772684	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	5.99E-08	6.26E-06	0.00E+00	5.53E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.26E-06
3209	ALL	462154	3772674	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	5.99E-08	6.26E-06	0.00E+00	5.53E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.26E-06
3210	ALL	462157.7	3772665	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	5.99E-08	6.25E-06	0.00E+00	5.53E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.25E-06
3211	ALL	462161.4	3772656	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	5.99E-08	6.25E-06	0.00E+00	5.53E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.25E-06
3212	ALL	462165.1	3772647	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	5.99E-08	6.25E-06	0.00E+00	5.53E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.25E-06
3213	ALL	462168.8	3772638	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	5.99E-08	6.25E-06	0.00E+00	5.53E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.25E-06
3214	ALL	462172.5	3772629	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	5.99E-08	6.25E-06	0.00E+00	5.53E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.25E-06
3215	ALL	462176.2	3772620	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.27E-10	1.27E-10	5.99E-08	6.24E-06	0.00E+00	5.53E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.24E-06
3216	ALL	462179.9	3772611	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.27E-10	1.27E-10	5.98E-08	6.24E-06	0.00E+00	5.52E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.24E-06
3217	ALL	462183.6	3772601	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.27E-10	1.27E-10	5.98E-08	6.23E-06	0.00E+00	5.52E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.23E-06
3218	ALL	462187.3	3772592	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.27E-10	1.27E-10	5.98E-08	6.23E-06	0.00E+00	5.52E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.23E-06
3219	ALL	462191	3772583	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.27E-10	1.27E-10	5.97E-08	6.22E-06	0.00E+00	5.51E-09	0.00E+00	1.27E-10	2.04E-07	0.00E+00	0.00E+00	6.22E-06
3220	ALL	462194.7	3772574	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.26E-10	1.26E-10	5.97E-08	6.22E-06	0.00E+00	5.51E-09	0.00E+00	1.26E-10	2.04E-07	0.00E+00	0.00E+00	6.22E-06
3221	ALL	462198.4	3772565	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.26E-10	1.26E-10	5.96E-08	6.21E-06	0.00E+00	5.50E-09	0.00E+00	1.26E-10	2.04E-07	0.00E+00	0.00E+00	6.21E-06
3222	ALL	462228	3772492	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.90E-08	6.13E-06	0.00E+00	5.45E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	6.13E-06
3223	ALL	462231.7	3772483	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.89E-08	6.12E-06	0.00E+00	5.44E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	6.12E-06
3224	ALL	462244.5	3772470	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.93E-08	6.15E-06	0.00E+00	5.47E-09	0.00E+00	1.26E-10	2.03E-07	0.00E+00	0.00E+00	6.15E-06
3225	ALL	462298.9	3772447	NonCancer	0.00E+00	1.86E-09	0.00E+00	1.32E-10	1.32E-10	6.21E-08	6.45E-06	0.00E+00	5.73E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	6.45E-06
3226	ALL	462308	3772443	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.26E-08	6.50E-06	0.00E+00	5.78E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.50E-06
3227	ALL	462317.1	3772440	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.34E-10	1.34E-10	6.30E-08	6.55E-06	0.00E+00	5.82E-09	0.00E+00	1.34E-10	2.16E-07	0.00E+00	0.00E+00	6.55E-06
3228	ALL	462326.1	3772436	NonCancer	0.00E+00	1.90E-09	0.00E+00	1.35E-10	1.35E-10	6.35E-08	6.60E-06	0.00E+00	5.86E-09	0.00E+00	1.35E-10	2.17E-07	0.00E+00	0.00E+00	6.60E-06
3229	ALL	462335.2	3772432	NonCancer	0.00E+00	1.92E-09	0.00E+00	1.36E-10	1.36E-10	6.40E-08	6.65E-06	0.00E+00	5.91E-09	0.00E+00	1.36E-10	2.19E-07	0.00E+00	0.00E+00	6.65E-06
3230	ALL	462344.3	3772428	NonCancer	0.00E+00	1.93E-09	0.00E+00	1.37E-10	1.37E-10	6.44E-08	6.69E-06	0.00E+00	5.95E-09	0.00E+00	1.37E-10	2.21E-07	0.00E+00	0.00E+00	6.69E-06
3231	ALL	462353.4	3772424	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.49E-08	6.74E-06	0.00E+00	5.99E-09	0.00E+00	1.38E-10	2.22E-07	0.00E+00	0.00E+00	6.74E-06
3232	ALL	462362.4	3772421	NonCancer	0.00E+00	1.96E-09	0.00E+00	1.39E-10	1.39E-10	6.54E-08	6.79E-06	0.00E+00	6.04E-09	0.00E+00	1.39E-10	2.24E-07	0.00E+00	0.00E+00	6.79E-06
3233	ALL	462371.5	3772417	NonCancer	0.00E+00	1.97E-09	0.00E+00	1.40E-10	1.40E-10	6.58E-08	6.84E-06	0.00E+00	6.08E-09	0.00E+00	1.40E-10	2.25E-07	0.00E+00	0.00E+00	6.84E-06
3234	ALL	462380.6	3772413	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.40E-10	1.40E-10	6.63E-08	6.89E-06	0.00E+00	6.12E-09	0.00E+00	1.40E-10	2.27E-07	0.00E+00	0.00E+00	6.89E-06
3235	ALL	462389.7	3772409	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.41E-10	1.41E-10	6.68E-08	6.93E-06	0.00E+00	6.16E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.93E-06
3236	ALL	462398.7	3772405	NonCancer	0.00E+00	2.02E-09	0.00E+00	1.42E-10	1.42E-10	6.72E-08	6.98E-06	0.00E+00	6.21E-09	0.00E+00	1.42E-10	2.30E-07	0.00E+00	0.00E+00	6.98E-06
3237	ALL	462407.8	3772402	NonCancer	0.00E+00	2.03E-09	0.00E+00	1.43E-10	1.43E-10	6.77E-08	7.03E-06	0.00E+00	6.25E-09	0.00E+00	1.43E-10	2.32E-07	0.00E+00	0.00E+00	7.03E-06
3238	ALL	462416.9	3772398	NonCancer	0.00E+00	2.04E-09	0.00E+00	1.44E-10	1.44E-10	6.81E-08	7.07E-06	0.00E+00	6.29E-09	0.00E+00	1.44E-10	2.33E-07	0.00E+00	0.00E+00	7.07E-06

3239	ALL	462426	3772394	NonCancer	0.00E+00	2.06E-09	0.00E+00	1.45E-10	1.45E-10	6.86E-08	7.12E-06	0.00E+00	6.33E-09	0.00E+00	1.45E-10	2.35E-07	0.00E+00	0.00E+00	7.12E-06
3240	ALL	462435	3772390	NonCancer	0.00E+00	2.07E-09	0.00E+00	1.46E-10	1.46E-10	6.90E-08	7.16E-06	0.00E+00	6.37E-09	0.00E+00	1.46E-10	2.36E-07	0.00E+00	0.00E+00	7.16E-06
3241	ALL	462444.1	3772386	NonCancer	0.00E+00	2.08E-09	0.00E+00	1.47E-10	1.47E-10	6.95E-08	7.21E-06	0.00E+00	6.41E-09	0.00E+00	1.47E-10	2.38E-07	0.00E+00	0.00E+00	7.21E-06
3242	ALL	462453.2	3772383	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.48E-10	1.48E-10	6.99E-08	7.25E-06	0.00E+00	6.45E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	7.25E-06
3243	ALL	462462.3	3772379	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.03E-08	7.29E-06	0.00E+00	6.49E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	7.29E-06
3244	ALL	462471.3	3772375	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.08E-08	7.33E-06	0.00E+00	6.53E-09	0.00E+00	1.50E-10	2.42E-07	0.00E+00	0.00E+00	7.33E-06
3245	ALL	462480.4	3772371	NonCancer	0.00E+00	2.14E-09	0.00E+00	1.51E-10	1.51E-10	7.12E-08	7.38E-06	0.00E+00	6.57E-09	0.00E+00	1.51E-10	2.44E-07	0.00E+00	0.00E+00	7.38E-06
3246	ALL	462489.5	3772367	NonCancer	0.00E+00	2.15E-09	0.00E+00	1.52E-10	1.52E-10	7.16E-08	7.42E-06	0.00E+00	6.61E-09	0.00E+00	1.52E-10	2.45E-07	0.00E+00	0.00E+00	7.42E-06
3247	ALL	462498.6	3772364	NonCancer	0.00E+00	2.16E-09	0.00E+00	1.53E-10	1.53E-10	7.21E-08	7.46E-06	0.00E+00	6.65E-09	0.00E+00	1.53E-10	2.47E-07	0.00E+00	0.00E+00	7.46E-06
3248	ALL	462507.6	3772360	NonCancer	0.00E+00	2.17E-09	0.00E+00	1.54E-10	1.54E-10	7.25E-08	7.50E-06	0.00E+00	6.69E-09	0.00E+00	1.54E-10	2.48E-07	0.00E+00	0.00E+00	7.50E-06
3249	ALL	462516.7	3772356	NonCancer	0.00E+00	2.19E-09	0.00E+00	1.54E-10	1.54E-10	7.29E-08	7.54E-06	0.00E+00	6.73E-09	0.00E+00	1.54E-10	2.49E-07	0.00E+00	0.00E+00	7.54E-06
3250	ALL	462525.8	3772352	NonCancer	0.00E+00	2.20E-09	0.00E+00	1.55E-10	1.55E-10	7.33E-08	7.57E-06	0.00E+00	6.77E-09	0.00E+00	1.55E-10	2.51E-07	0.00E+00	0.00E+00	7.57E-06
3251	ALL	462534.9	3772348	NonCancer	0.00E+00	2.21E-09	0.00E+00	1.56E-10	1.56E-10	7.37E-08	7.61E-06	0.00E+00	6.80E-09	0.00E+00	1.56E-10	2.52E-07	0.00E+00	0.00E+00	7.61E-06
3252	ALL	462543.9	3772345	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.41E-08	7.65E-06	0.00E+00	6.84E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	7.65E-06
3253	ALL	462553	3772341	NonCancer	0.00E+00	2.23E-09	0.00E+00	1.58E-10	1.58E-10	7.45E-08	7.68E-06	0.00E+00	6.87E-09	0.00E+00	1.58E-10	2.55E-07	0.00E+00	0.00E+00	7.68E-06
3254	ALL	462562.1	3772337	NonCancer	0.00E+00	2.24E-09	0.00E+00	1.59E-10	1.59E-10	7.48E-08	7.72E-06	0.00E+00	6.91E-09	0.00E+00	1.59E-10	2.56E-07	0.00E+00	0.00E+00	7.72E-06
3255	ALL	462571.2	3772333	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.59E-10	1.59E-10	7.52E-08	7.75E-06	0.00E+00	6.95E-09	0.00E+00	1.59E-10	2.57E-07	0.00E+00	0.00E+00	7.75E-06
3256	ALL	462580.2	3772329	NonCancer	0.00E+00	2.27E-09	0.00E+00	1.60E-10	1.60E-10	7.56E-08	7.79E-06	0.00E+00	6.98E-09	0.00E+00	1.60E-10	2.59E-07	0.00E+00	0.00E+00	7.79E-06
3257	ALL	462589.3	3772326	NonCancer	0.00E+00	2.28E-09	0.00E+00	1.61E-10	1.61E-10	7.60E-08	7.82E-06	0.00E+00	7.01E-09	0.00E+00	1.61E-10	2.60E-07	0.00E+00	0.00E+00	7.82E-06
3258	ALL	462598.4	3772322	NonCancer	0.00E+00	2.29E-09	0.00E+00	1.62E-10	1.62E-10	7.63E-08	7.85E-06	0.00E+00	7.05E-09	0.00E+00	1.62E-10	2.61E-07	0.00E+00	0.00E+00	7.85E-06
3259	ALL	462607.5	3772318	NonCancer	0.00E+00	2.30E-09	0.00E+00	1.62E-10	1.62E-10	7.67E-08	7.88E-06	0.00E+00	7.08E-09	0.00E+00	1.62E-10	2.62E-07	0.00E+00	0.00E+00	7.88E-06
3260	ALL	462625.6	3772310	NonCancer	0.00E+00	2.32E-09	0.00E+00	1.64E-10	1.64E-10	7.74E-08	7.94E-06	0.00E+00	7.14E-09	0.00E+00	1.64E-10	2.65E-07	0.00E+00	0.00E+00	7.94E-06
3261	ALL	462634.7	3772307	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.77E-08	7.97E-06	0.00E+00	7.17E-09	0.00E+00	1.65E-10	2.66E-07	0.00E+00	0.00E+00	7.97E-06
3262	ALL	462643.8	3772303	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.65E-10	1.65E-10	7.80E-08	7.99E-06	0.00E+00	7.20E-09	0.00E+00	1.65E-10	2.67E-07	0.00E+00	0.00E+00	7.99E-06
3263	ALL	462652.8	3772299	NonCancer	0.00E+00	2.35E-09	0.00E+00	1.66E-10	1.66E-10	7.84E-08	8.02E-06	0.00E+00	7.23E-09	0.00E+00	1.66E-10	2.68E-07	0.00E+00	0.00E+00	8.02E-06
3264	ALL	462661.9	3772295	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.87E-08	8.05E-06	0.00E+00	7.26E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	8.05E-06
3265	ALL	462671	3772291	NonCancer	0.00E+00	2.37E-09	0.00E+00	1.67E-10	1.67E-10	7.90E-08	8.07E-06	0.00E+00	7.29E-09	0.00E+00	1.67E-10	2.70E-07	0.00E+00	0.00E+00	8.07E-06
3266	ALL	462680.1	3772288	NonCancer	0.00E+00	2.38E-09	0.00E+00	1.68E-10	1.68E-10	7.93E-08	8.10E-06	0.00E+00	7.32E-09	0.00E+00	1.68E-10	2.72E-07	0.00E+00	0.00E+00	8.10E-06
3267	ALL	462689.1	3772284	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.96E-08	8.12E-06	0.00E+00	7.35E-09	0.00E+00	1.69E-10	2.73E-07	0.00E+00	0.00E+00	8.12E-06
3268	ALL	462698.2	3772280	NonCancer	0.00E+00	2.40E-09	0.00E+00	1.69E-10	1.69E-10	8.00E-08	8.15E-06	0.00E+00	7.38E-09	0.00E+00	1.69E-10	2.74E-07	0.00E+00	0.00E+00	8.15E-06
3269	ALL	462707.3	3772276	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.70E-10	1.70E-10	8.03E-08	8.17E-06	0.00E+00	7.41E-09	0.00E+00	1.70E-10	2.75E-07	0.00E+00	0.00E+00	8.17E-06
3270	ALL	462716.4	3772272	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.05E-08	8.19E-06	0.00E+00	7.44E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.19E-06
3271	ALL	462725.4	3772269	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.08E-08	8.21E-06	0.00E+00	7.46E-09	0.00E+00	1.71E-10	2.77E-07	0.00E+00	0.00E+00	8.21E-06
3272	ALL	462734.5	3772265	NonCancer	0.00E+00	2.43E-09	0.00E+00	1.72E-10	1.72E-10	8.11E-08	8.23E-06	0.00E+00	7.49E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	8.23E-06
3273	ALL	462743.6	3772261	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.72E-10	1.72E-10	8.14E-08	8.25E-06	0.00E+00	7.51E-09	0.00E+00	1.72E-10	2.79E-07	0.00E+00	0.00E+00	8.25E-06
3274	ALL	462752.7	3772257	NonCancer	0.00E+00	2.45E-09	0.00E+00	1.73E-10	1.73E-10	8.17E-08	8.27E-06	0.00E+00	7.54E-09	0.00E+00	1.73E-10	2.80E-07	0.00E+00	0.00E+00	8.27E-06
3275	ALL	462761.7	3772253	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.74E-10	1.74E-10	8.20E-08	8.29E-06	0.00E+00	7.57E-09	0.00E+00	1.74E-10	2.81E-07	0.00E+00	0.00E+00	8.29E-06
3276	ALL	462770.8	3772250	NonCancer	0.00E+00	2.47E-09	0.00E+00	1.74E-10	1.74E-10	8.22E-08	8.31E-06	0.00E+00	7.59E-09	0.00E+00	1.74E-10	2.82E-07	0.00E+00	0.00E+00	8.31E-06
3277	ALL	462779.9	3772246	NonCancer	0.00E+00	2.47E-09	0.00E+00	1.75E-10	1.75E-10	8.25E-08	8.33E-06	0.00E+00	7.62E-09	0.00E+00	1.75E-10	2.82E-07	0.00E+00	0.00E+00	8.33E-06
3278	ALL	462789	3772242	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.28E-08	8.35E-06	0.00E+00	7.65E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	8.35E-06
3279	ALL	462798	3772238	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.31E-08	8.37E-06	0.00E+00	7.67E-09	0.00E+00	1.76E-10	2.84E-07	0.00E+00	0.00E+00	8.37E-06
3280	ALL	462807.1	3772234	NonCancer	0.00E+00	2.50E-09	0.00E+00	1.77E-10	1.77E-10	8.34E-08	8.39E-06	0.00E+00	7.70E-09	0.00E+00	1.77E-10	2.85E-07	0.00E+00	0.00E+00	8.39E-06
3281	ALL	462816.2	3772231	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.37E-08	8.41E-06	0.00E+00	7.72E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.41E-06
3282	ALL	462825.3	3772227	NonCancer	0.00E+00	2.52E-09	0.00E+00	1.78E-10	1.78E-10	8.39E-08	8.43E-06	0.00E+00	7.75E-09	0.00E+00	1.78E-10	2.87E-07	0.00E+00	0.00E+00	8.43E-06
3283	ALL	462834.3	3772223	NonCancer	0.00E+00	2.53E-09	0.00E+00	1.78E-10	1.78E-10	8.42E-08	8.45E-06	0.00E+00	7.78E-09	0.00E+00	1.78E-10	2.88E-07	0.00E+00	0.00E+00	8.45E-06
3284	ALL	462843.4	3772219	NonCancer	0.00E+00	2.53E-09	0.00E+00	1.79E-10	1.79E-10	8.45E-08	8.47E-06	0.00E+00	7.80E-09	0.00E+00	1.79E-10	2.89E-07	0.00E+00	0.00E+00	8.47E-06
3285	ALL	462852.5	3772215	NonCancer	0.00E+00	2.54E-09	0.00E+00	1.80E-10	1.80E-10	8.48E-08	8.49E-06	0.00E+00	7.83E-09	0.00E+00	1.80E-10	2.90E-07	0.00E+00	0.00E+00	8.49E-06
3286	ALL	462861.6	3772212	NonCancer	0.00E+00	2.55E-09	0.00E+00	1.80E-10	1.80E-10	8.51E-08	8.51E-06	0.00E+00	7.86E-09	0.00E+00	1.80E-10	2.91E-07	0.00E+00	0.00E+00	8.51E-06
3287	ALL	462870.6	3772208	NonCancer	0.00E+00	2.56E-09	0.00E+00	1.81E-10	1.81E-10	8.55E-08	8.53E-06	0.00E+00	7.89E-09	0.00E+00	1.81E-10	2.92E-07	0.00E+00	0.00E+00	8.53E-06
3288	ALL	462879.7	3772204	NonCancer	0.00E+00	2.57E-09	0.00E+00	1.82E-10	1.82E-10	8.58E-08	8.56E-06	0.00E+00	7.92E-09	0.00E+00	1.82E-10	2.94E-07	0.00E+00	0.00E+00	8.56E-06
3289	ALL	462888.8	3772200	NonCancer	0.00E+00	2.58E-09	0.00E+00	1.82E-10	1.82E-10	8.61E-08	8.58E-06	0.00E+00	7.95E-09	0.00E+00	1.82E-10	2.95E-07	0.00E+00	0.00E+00	8.58E-06
3290	ALL	462897.9	3772196	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.64E-08	8.60E-06	0.00E+00	7.98E-09	0.00E+00	1.83E-10	2.96E-07	0.00E+00	0.00E+00	8.60E-06
3291	ALL	462906.9	3772193	NonCancer	0.00E+00	2.60E-09	0.00E+00	1.84E-10	1.84E-10	8.67E-08	8.62E-06	0.00E+00	8.00E-09	0.00E+00	1.84E-10	2.97E-07	0.00E+00	0.00E+00	8.62E-06
3292	ALL	461958	3773158	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.13E-10	1.13E-10	5.32E-08	5.49E-06	0.00E+00	4.91E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.49E-06

3293	ALL	461958.1	3773168	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.13E-10	1.13E-10	5.32E-08	5.49E-06	0.00E+00	4.91E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.49E-06
3294	ALL	461958.2	3773178	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.13E-10	1.13E-10	5.32E-08	5.48E-06	0.00E+00	4.91E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.48E-06
3295	ALL	461958.3	3773187	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.32E-08	5.48E-06	0.00E+00	4.91E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.48E-06
3296	ALL	461958.4	3773197	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.32E-08	5.49E-06	0.00E+00	4.91E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.49E-06
3297	ALL	461958.5	3773207	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.32E-08	5.49E-06	0.00E+00	4.92E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.49E-06
3298	ALL	461958.6	3773217	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.32E-08	5.48E-06	0.00E+00	4.91E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.48E-06
3299	ALL	461958.7	3773227	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.13E-10	1.13E-10	5.32E-08	5.47E-06	0.00E+00	4.91E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.47E-06
3300	ALL	461958.8	3773237	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.13E-10	1.13E-10	5.31E-08	5.46E-06	0.00E+00	4.90E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.46E-06
3301	ALL	461958.9	3773247	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.12E-10	1.12E-10	5.31E-08	5.45E-06	0.00E+00	4.90E-09	0.00E+00	1.12E-10	1.82E-07	0.00E+00	0.00E+00	5.45E-06
3302	ALL	461921.8	3773149	NonCancer	0.00E+00	1.52E-09	0.00E+00	1.08E-10	1.08E-10	5.08E-08	5.24E-06	0.00E+00	4.69E-09	0.00E+00	1.08E-10	1.74E-07	0.00E+00	0.00E+00	5.24E-06
3303	ALL	461925.5	3773140	NonCancer	0.00E+00	1.53E-09	0.00E+00	1.08E-10	1.08E-10	5.10E-08	5.26E-06	0.00E+00	4.71E-09	0.00E+00	1.08E-10	1.75E-07	0.00E+00	0.00E+00	5.26E-06
3304	ALL	461929.2	3773131	NonCancer	0.00E+00	1.54E-09	0.00E+00	1.09E-10	1.09E-10	5.12E-08	5.28E-06	0.00E+00	4.73E-09	0.00E+00	1.09E-10	1.75E-07	0.00E+00	0.00E+00	5.28E-06
3305	ALL	461936.6	3773112	NonCancer	0.00E+00	1.55E-09	0.00E+00	1.09E-10	1.09E-10	5.16E-08	5.33E-06	0.00E+00	4.76E-09	0.00E+00	1.09E-10	1.77E-07	0.00E+00	0.00E+00	5.33E-06
3306	ALL	461940.3	3773103	NonCancer	0.00E+00	1.55E-09	0.00E+00	1.10E-10	1.10E-10	5.18E-08	5.36E-06	0.00E+00	4.79E-09	0.00E+00	1.10E-10	1.77E-07	0.00E+00	0.00E+00	5.36E-06
3307	ALL	461944	3773094	NonCancer	0.00E+00	1.56E-09	0.00E+00	1.10E-10	1.10E-10	5.21E-08	5.38E-06	0.00E+00	4.81E-09	0.00E+00	1.10E-10	1.78E-07	0.00E+00	0.00E+00	5.38E-06
3308	ALL	461947.7	3773085	NonCancer	0.00E+00	1.57E-09	0.00E+00	1.11E-10	1.11E-10	5.23E-08	5.41E-06	0.00E+00	4.83E-09	0.00E+00	1.11E-10	1.79E-07	0.00E+00	0.00E+00	5.41E-06
3309	ALL	461951.4	3773076	NonCancer	0.00E+00	1.57E-09	0.00E+00	1.11E-10	1.11E-10	5.25E-08	5.43E-06	0.00E+00	4.84E-09	0.00E+00	1.11E-10	1.80E-07	0.00E+00	0.00E+00	5.43E-06
3310	ALL	461955.1	3773067	NonCancer	0.00E+00	1.58E-09	0.00E+00	1.12E-10	1.12E-10	5.26E-08	5.45E-06	0.00E+00	4.86E-09	0.00E+00	1.12E-10	1.80E-07	0.00E+00	0.00E+00	5.45E-06
3311	ALL	461958.8	3773058	NonCancer	0.00E+00	1.58E-09	0.00E+00	1.12E-10	1.12E-10	5.28E-08	5.47E-06	0.00E+00	4.87E-09	0.00E+00	1.12E-10	1.81E-07	0.00E+00	0.00E+00	5.47E-06
3312	ALL	461962.5	3773048	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.12E-10	1.12E-10	5.30E-08	5.49E-06	0.00E+00	4.89E-09	0.00E+00	1.12E-10	1.81E-07	0.00E+00	0.00E+00	5.49E-06
3313	ALL	461966.2	3773039	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.32E-08	5.51E-06	0.00E+00	4.91E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.51E-06
3314	ALL	461969.9	3773030	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.34E-08	5.54E-06	0.00E+00	4.93E-09	0.00E+00	1.13E-10	1.83E-07	0.00E+00	0.00E+00	5.54E-06
3315	ALL	461981	3773003	NonCancer	0.00E+00	1.62E-09	0.00E+00	1.14E-10	1.14E-10	5.39E-08	5.59E-06	0.00E+00	4.97E-09	0.00E+00	1.14E-10	1.84E-07	0.00E+00	0.00E+00	5.59E-06
3316	ALL	461984.7	3772994	NonCancer	0.00E+00	1.62E-09	0.00E+00	1.14E-10	1.14E-10	5.40E-08	5.61E-06	0.00E+00	4.99E-09	0.00E+00	1.14E-10	1.85E-07	0.00E+00	0.00E+00	5.61E-06
3317	ALL	461988.4	3772984	NonCancer	0.00E+00	1.63E-09	0.00E+00	1.15E-10	1.15E-10	5.42E-08	5.63E-06	0.00E+00	5.00E-09	0.00E+00	1.15E-10	1.86E-07	0.00E+00	0.00E+00	5.63E-06
3318	ALL	461992.1	3772975	NonCancer	0.00E+00	1.63E-09	0.00E+00	1.15E-10	1.15E-10	5.44E-08	5.65E-06	0.00E+00	5.02E-09	0.00E+00	1.15E-10	1.86E-07	0.00E+00	0.00E+00	5.65E-06
3319	ALL	461995.8	3772966	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.46E-08	5.67E-06	0.00E+00	5.04E-09	0.00E+00	1.16E-10	1.87E-07	0.00E+00	0.00E+00	5.67E-06
3320	ALL	461999.5	3772957	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.47E-08	5.68E-06	0.00E+00	5.05E-09	0.00E+00	1.16E-10	1.87E-07	0.00E+00	0.00E+00	5.68E-06
3321	ALL	462003.2	3772948	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.48E-08	5.70E-06	0.00E+00	5.06E-09	0.00E+00	1.16E-10	1.88E-07	0.00E+00	0.00E+00	5.70E-06
3322	ALL	462006.9	3772939	NonCancer	0.00E+00	1.65E-09	0.00E+00	1.16E-10	1.16E-10	5.49E-08	5.71E-06	0.00E+00	5.07E-09	0.00E+00	1.16E-10	1.88E-07	0.00E+00	0.00E+00	5.71E-06
3323	ALL	462010.6	3772930	NonCancer	0.00E+00	1.65E-09	0.00E+00	1.17E-10	1.17E-10	5.50E-08	5.72E-06	0.00E+00	5.08E-09	0.00E+00	1.17E-10	1.88E-07	0.00E+00	0.00E+00	5.72E-06
3324	ALL	462014.3	3772921	NonCancer	0.00E+00	1.65E-09	0.00E+00	1.17E-10	1.17E-10	5.52E-08	5.74E-06	0.00E+00	5.09E-09	0.00E+00	1.17E-10	1.89E-07	0.00E+00	0.00E+00	5.74E-06
3325	ALL	462018	3772911	NonCancer	0.00E+00	1.66E-09	0.00E+00	1.17E-10	1.17E-10	5.53E-08	5.75E-06	0.00E+00	5.10E-09	0.00E+00	1.17E-10	1.89E-07	0.00E+00	0.00E+00	5.75E-06
3326	ALL	462021.8	3772902	NonCancer	0.00E+00	1.66E-09	0.00E+00	1.17E-10	1.17E-10	5.54E-08	5.76E-06	0.00E+00	5.11E-09	0.00E+00	1.17E-10	1.90E-07	0.00E+00	0.00E+00	5.76E-06
3327	ALL	462025.5	3772893	NonCancer	0.00E+00	1.67E-09	0.00E+00	1.18E-10	1.18E-10	5.55E-08	5.78E-06	0.00E+00	5.13E-09	0.00E+00	1.18E-10	1.90E-07	0.00E+00	0.00E+00	5.78E-06
3328	ALL	462029.2	3772884	NonCancer	0.00E+00	1.67E-09	0.00E+00	1.18E-10	1.18E-10	5.57E-08	5.79E-06	0.00E+00	5.14E-09	0.00E+00	1.18E-10	1.91E-07	0.00E+00	0.00E+00	5.79E-06
3329	ALL	462032.9	3772875	NonCancer	0.00E+00	1.67E-09	0.00E+00	1.18E-10	1.18E-10	5.58E-08	5.81E-06	0.00E+00	5.15E-09	0.00E+00	1.18E-10	1.91E-07	0.00E+00	0.00E+00	5.81E-06
3330	ALL	462047.7	3772838	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.61E-08	5.85E-06	0.00E+00	5.18E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.85E-06
3331	ALL	462051.4	3772829	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.19E-10	1.19E-10	5.63E-08	5.86E-06	0.00E+00	5.19E-09	0.00E+00	1.19E-10	1.93E-07	0.00E+00	0.00E+00	5.86E-06
3332	ALL	462055.1	3772820	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.19E-10	1.19E-10	5.64E-08	5.87E-06	0.00E+00	5.20E-09	0.00E+00	1.19E-10	1.93E-07	0.00E+00	0.00E+00	5.87E-06
3333	ALL	462058.8	3772811	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.20E-10	1.20E-10	5.64E-08	5.88E-06	0.00E+00	5.21E-09	0.00E+00	1.20E-10	1.93E-07	0.00E+00	0.00E+00	5.88E-06
3334	ALL	462062.5	3772802	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.20E-10	1.20E-10	5.65E-08	5.88E-06	0.00E+00	5.22E-09	0.00E+00	1.20E-10	1.93E-07	0.00E+00	0.00E+00	5.88E-06
3335	ALL	462066.2	3772793	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.65E-08	5.89E-06	0.00E+00	5.22E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.89E-06
3336	ALL	462069.9	3772784	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.66E-08	5.90E-06	0.00E+00	5.23E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.90E-06
3337	ALL	462073.6	3772774	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.67E-08	5.90E-06	0.00E+00	5.23E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.90E-06
3338	ALL	462077.3	3772765	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.67E-08	5.91E-06	0.00E+00	5.24E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.91E-06
3339	ALL	462081	3772756	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.68E-08	5.92E-06	0.00E+00	5.25E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.92E-06
3340	ALL	462084.7	3772747	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.68E-08	5.92E-06	0.00E+00	5.25E-09	0.00E+00	1.20E-10	1.95E-07	0.00E+00	0.00E+00	5.92E-06
3341	ALL	462088.4	3772738	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.69E-08	5.92E-06	0.00E+00	5.25E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.92E-06
3342	ALL	462092.1	3772729	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.69E-08	5.93E-06	0.00E+00	5.25E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.93E-06
3343	ALL	462095.8	3772720	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.69E-08	5.93E-06	0.00E+00	5.26E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.93E-06
3344	ALL	462099.5	3772711	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.70E-08	5.93E-06	0.00E+00	5.26E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.93E-06
3345	ALL	462103.2	3772701	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.70E-08	5.94E-06	0.00E+00	5.26E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.94E-06
3346	ALL	462106.9	3772692	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.70E-08	5.94E-06	0.00E+00	5.27E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.94E-06

3347	ALL	462110.6	3772683	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.70E-08	5.94E-06	0.00E+00	5.27E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.94E-06
3348	ALL	462114.3	3772674	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.70E-08	5.94E-06	0.00E+00	5.27E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.94E-06
3349	ALL	462118	3772665	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.70E-08	5.94E-06	0.00E+00	5.27E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.94E-06
3350	ALL	462121.8	3772656	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.71E-08	5.94E-06	0.00E+00	5.27E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.94E-06
3351	ALL	462125.5	3772647	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.71E-08	5.94E-06	0.00E+00	5.27E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.94E-06
3352	ALL	462129.2	3772637	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.71E-08	5.94E-06	0.00E+00	5.27E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.94E-06
3353	ALL	462132.9	3772628	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.71E-08	5.94E-06	0.00E+00	5.27E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.94E-06
3354	ALL	462136.6	3772619	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.70E-08	5.93E-06	0.00E+00	5.27E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.93E-06
3355	ALL	462140.3	3772610	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.70E-08	5.93E-06	0.00E+00	5.26E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.93E-06
3356	ALL	462144	3772601	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.70E-08	5.93E-06	0.00E+00	5.26E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.93E-06
3357	ALL	462147.7	3772592	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.70E-08	5.92E-06	0.00E+00	5.26E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.92E-06
3358	ALL	462151.4	3772583	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.70E-08	5.92E-06	0.00E+00	5.26E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.92E-06
3359	ALL	462155.1	3772574	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.69E-08	5.91E-06	0.00E+00	5.25E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.91E-06
3360	ALL	462158.8	3772564	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.69E-08	5.91E-06	0.00E+00	5.25E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.91E-06
3361	ALL	462162.5	3772555	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.68E-08	5.90E-06	0.00E+00	5.25E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.90E-06
3362	ALL	462166.2	3772546	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.68E-08	5.89E-06	0.00E+00	5.24E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.89E-06
3363	ALL	462169.9	3772537	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.67E-08	5.89E-06	0.00E+00	5.24E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.89E-06
3364	ALL	462173.6	3772528	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.67E-08	5.88E-06	0.00E+00	5.23E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.88E-06
3365	ALL	462177.3	3772519	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.66E-08	5.87E-06	0.00E+00	5.23E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.87E-06
3366	ALL	462181	3772510	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.65E-08	5.86E-06	0.00E+00	5.22E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.86E-06
3367	ALL	462184.7	3772501	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.20E-10	1.20E-10	5.65E-08	5.85E-06	0.00E+00	5.21E-09	0.00E+00	1.20E-10	1.93E-07	0.00E+00	0.00E+00	5.85E-06
3368	ALL	462188.4	3772491	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.20E-10	1.20E-10	5.64E-08	5.84E-06	0.00E+00	5.21E-09	0.00E+00	1.20E-10	1.93E-07	0.00E+00	0.00E+00	5.84E-06
3369	ALL	462192.1	3772482	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.19E-10	1.19E-10	5.63E-08	5.83E-06	0.00E+00	5.20E-09	0.00E+00	1.19E-10	1.93E-07	0.00E+00	0.00E+00	5.83E-06
3370	ALL	462195.8	3772473	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.19E-10	1.19E-10	5.62E-08	5.82E-06	0.00E+00	5.19E-09	0.00E+00	1.19E-10	1.93E-07	0.00E+00	0.00E+00	5.82E-06
3371	ALL	462225.1	3772438	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.68E-08	5.88E-06	0.00E+00	5.25E-09	0.00E+00	1.20E-10	1.95E-07	0.00E+00	0.00E+00	5.88E-06
3372	ALL	462234.2	3772434	NonCancer	0.00E+00	1.72E-09	0.00E+00	1.21E-10	1.21E-10	5.73E-08	5.93E-06	0.00E+00	5.29E-09	0.00E+00	1.21E-10	1.96E-07	0.00E+00	0.00E+00	5.93E-06
3373	ALL	462243.3	3772430	NonCancer	0.00E+00	1.73E-09	0.00E+00	1.22E-10	1.22E-10	5.77E-08	5.97E-06	0.00E+00	5.33E-09	0.00E+00	1.22E-10	1.97E-07	0.00E+00	0.00E+00	5.97E-06
3374	ALL	462252.4	3772427	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.81E-08	6.02E-06	0.00E+00	5.36E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	6.02E-06
3375	ALL	462261.5	3772423	NonCancer	0.00E+00	1.76E-09	0.00E+00	1.24E-10	1.24E-10	5.85E-08	6.06E-06	0.00E+00	5.40E-09	0.00E+00	1.24E-10	2.00E-07	0.00E+00	0.00E+00	6.06E-06
3376	ALL	462270.6	3772419	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.90E-08	6.11E-06	0.00E+00	5.44E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	6.11E-06
3377	ALL	462279.7	3772415	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.94E-08	6.15E-06	0.00E+00	5.48E-09	0.00E+00	1.26E-10	2.03E-07	0.00E+00	0.00E+00	6.15E-06
3378	ALL	462288.7	3772411	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.27E-10	1.27E-10	5.98E-08	6.20E-06	0.00E+00	5.52E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.20E-06
3379	ALL	462297.8	3772408	NonCancer	0.00E+00	1.81E-09	0.00E+00	1.28E-10	1.28E-10	6.03E-08	6.24E-06	0.00E+00	5.56E-09	0.00E+00	1.28E-10	2.06E-07	0.00E+00	0.00E+00	6.24E-06
3380	ALL	462306.9	3772404	NonCancer	0.00E+00	1.82E-09	0.00E+00	1.29E-10	1.29E-10	6.07E-08	6.29E-06	0.00E+00	5.60E-09	0.00E+00	1.29E-10	2.08E-07	0.00E+00	0.00E+00	6.29E-06
3381	ALL	462316	3772400	NonCancer	0.00E+00	1.83E-09	0.00E+00	1.30E-10	1.30E-10	6.11E-08	6.33E-06	0.00E+00	5.64E-09	0.00E+00	1.30E-10	2.09E-07	0.00E+00	0.00E+00	6.33E-06
3382	ALL	462325.1	3772396	NonCancer	0.00E+00	1.85E-09	0.00E+00	1.30E-10	1.30E-10	6.16E-08	6.37E-06	0.00E+00	5.68E-09	0.00E+00	1.30E-10	2.11E-07	0.00E+00	0.00E+00	6.37E-06
3383	ALL	462334.2	3772392	NonCancer	0.00E+00	1.86E-09	0.00E+00	1.31E-10	1.31E-10	6.20E-08	6.42E-06	0.00E+00	5.72E-09	0.00E+00	1.31E-10	2.12E-07	0.00E+00	0.00E+00	6.42E-06
3384	ALL	462343.3	3772389	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.24E-08	6.46E-06	0.00E+00	5.76E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	6.46E-06
3385	ALL	462352.4	3772385	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.28E-08	6.51E-06	0.00E+00	5.80E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.51E-06
3386	ALL	462361.5	3772381	NonCancer	0.00E+00	1.90E-09	0.00E+00	1.34E-10	1.34E-10	6.33E-08	6.55E-06	0.00E+00	5.84E-09	0.00E+00	1.34E-10	2.17E-07	0.00E+00	0.00E+00	6.55E-06
3387	ALL	462370.5	3772377	NonCancer	0.00E+00	1.91E-09	0.00E+00	1.35E-10	1.35E-10	6.37E-08	6.59E-06	0.00E+00	5.88E-09	0.00E+00	1.35E-10	2.18E-07	0.00E+00	0.00E+00	6.59E-06
3388	ALL	462379.6	3772373	NonCancer	0.00E+00	1.92E-09	0.00E+00	1.36E-10	1.36E-10	6.41E-08	6.63E-06	0.00E+00	5.92E-09	0.00E+00	1.36E-10	2.19E-07	0.00E+00	0.00E+00	6.63E-06
3389	ALL	462388.7	3772370	NonCancer	0.00E+00	1.93E-09	0.00E+00	1.37E-10	1.37E-10	6.45E-08	6.68E-06	0.00E+00	5.96E-09	0.00E+00	1.37E-10	2.21E-07	0.00E+00	0.00E+00	6.68E-06
3390	ALL	462397.8	3772366	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.49E-08	6.72E-06	0.00E+00	5.99E-09	0.00E+00	1.38E-10	2.22E-07	0.00E+00	0.00E+00	6.72E-06
3391	ALL	462406.9	3772362	NonCancer	0.00E+00	1.96E-09	0.00E+00	1.38E-10	1.38E-10	6.53E-08	6.76E-06	0.00E+00	6.03E-09	0.00E+00	1.38E-10	2.24E-07	0.00E+00	0.00E+00	6.76E-06
3392	ALL	462416	3772358	NonCancer	0.00E+00	1.97E-09	0.00E+00	1.39E-10	1.39E-10	6.57E-08	6.80E-06	0.00E+00	6.07E-09	0.00E+00	1.39E-10	2.25E-07	0.00E+00	0.00E+00	6.80E-06
3393	ALL	462425.1	3772354	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.62E-08	6.84E-06	0.00E+00	6.11E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.84E-06
3394	ALL	462434.2	3772351	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.41E-10	1.41E-10	6.66E-08	6.88E-06	0.00E+00	6.14E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.88E-06
3395	ALL	462443.3	3772347	NonCancer	0.00E+00	2.01E-09	0.00E+00	1.42E-10	1.42E-10	6.70E-08	6.92E-06	0.00E+00	6.18E-09	0.00E+00	1.42E-10	2.29E-07	0.00E+00	0.00E+00	6.92E-06
3396	ALL	462452.4	3772343	NonCancer	0.00E+00	2.02E-09	0.00E+00	1.43E-10	1.43E-10	6.73E-08	6.96E-06	0.00E+00	6.22E-09	0.00E+00	1.43E-10	2.31E-07	0.00E+00	0.00E+00	6.96E-06
3397	ALL	462461.4	3772339	NonCancer	0.00E+00	2.03E-09	0.00E+00	1.44E-10	1.44E-10	6.77E-08	6.99E-06	0.00E+00	6.25E-09	0.00E+00	1.44E-10	2.32E-07	0.00E+00	0.00E+00	6.99E-06
3398	ALL	462470.5	3772335	NonCancer	0.00E+00	2.04E-09	0.00E+00	1.44E-10	1.44E-10	6.81E-08	7.03E-06	0.00E+00	6.29E-09	0.00E+00	1.44E-10	2.33E-07	0.00E+00	0.00E+00	7.03E-06
3399	ALL	462479.6	3772332	NonCancer	0.00E+00	2.05E-09	0.00E+00	1.45E-10	1.45E-10	6.85E-08	7.07E-06	0.00E+00	6.33E-09	0.00E+00	1.45E-10	2.34E-07	0.00E+00	0.00E+00	7.07E-06
3400	ALL	462488.7	3772328	NonCancer	0.00E+00	2.07E-09	0.00E+00	1.46E-10	1.46E-10	6.89E-08	7.11E-06	0.00E+00	6.36E-09	0.00E+00	1.46E-10	2.36E-07	0.00E+00	0.00E+00	7.11E-06

3401	ALL	462497.8	3772324	NonCancer	0.00E+00	2.08E-09	0.00E+00	1.47E-10	1.47E-10	6.93E-08	7.14E-06	0.00E+00	6.40E-09	0.00E+00	1.47E-10	2.37E-07	0.00E+00	0.00E+00	7.14E-06
3402	ALL	462506.9	3772320	NonCancer	0.00E+00	2.09E-09	0.00E+00	1.48E-10	1.48E-10	6.96E-08	7.18E-06	0.00E+00	6.43E-09	0.00E+00	1.48E-10	2.38E-07	0.00E+00	0.00E+00	7.18E-06
3403	ALL	462516	3772316	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.48E-10	1.48E-10	7.00E-08	7.21E-06	0.00E+00	6.46E-09	0.00E+00	1.48E-10	2.40E-07	0.00E+00	0.00E+00	7.21E-06
3404	ALL	462525.1	3772313	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.04E-08	7.24E-06	0.00E+00	6.50E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	7.24E-06
3405	ALL	462534.2	3772309	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.07E-08	7.28E-06	0.00E+00	6.53E-09	0.00E+00	1.50E-10	2.42E-07	0.00E+00	0.00E+00	7.28E-06
3406	ALL	462543.2	3772305	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.51E-10	1.51E-10	7.11E-08	7.31E-06	0.00E+00	6.56E-09	0.00E+00	1.51E-10	2.43E-07	0.00E+00	0.00E+00	7.31E-06
3407	ALL	462552.3	3772301	NonCancer	0.00E+00	2.14E-09	0.00E+00	1.51E-10	1.51E-10	7.14E-08	7.34E-06	0.00E+00	6.59E-09	0.00E+00	1.51E-10	2.44E-07	0.00E+00	0.00E+00	7.34E-06
3408	ALL	462561.4	3772297	NonCancer	0.00E+00	2.15E-09	0.00E+00	1.52E-10	1.52E-10	7.18E-08	7.37E-06	0.00E+00	6.63E-09	0.00E+00	1.52E-10	2.46E-07	0.00E+00	0.00E+00	7.37E-06
3409	ALL	462570.5	3772293	NonCancer	0.00E+00	2.16E-09	0.00E+00	1.53E-10	1.53E-10	7.21E-08	7.40E-06	0.00E+00	6.66E-09	0.00E+00	1.53E-10	2.47E-07	0.00E+00	0.00E+00	7.40E-06
3410	ALL	462579.6	3772290	NonCancer	0.00E+00	2.17E-09	0.00E+00	1.53E-10	1.53E-10	7.24E-08	7.43E-06	0.00E+00	6.69E-09	0.00E+00	1.53E-10	2.48E-07	0.00E+00	0.00E+00	7.43E-06
3411	ALL	462588.7	3772286	NonCancer	0.00E+00	2.18E-09	0.00E+00	1.54E-10	1.54E-10	7.28E-08	7.46E-06	0.00E+00	6.72E-09	0.00E+00	1.54E-10	2.49E-07	0.00E+00	0.00E+00	7.46E-06
3412	ALL	462597.8	3772282	NonCancer	0.00E+00	2.19E-09	0.00E+00	1.55E-10	1.55E-10	7.31E-08	7.48E-06	0.00E+00	6.75E-09	0.00E+00	1.55E-10	2.50E-07	0.00E+00	0.00E+00	7.48E-06
3413	ALL	462606.9	3772278	NonCancer	0.00E+00	2.20E-09	0.00E+00	1.56E-10	1.56E-10	7.34E-08	7.51E-06	0.00E+00	6.78E-09	0.00E+00	1.56E-10	2.51E-07	0.00E+00	0.00E+00	7.51E-06
3414	ALL	462625.1	3772271	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.40E-08	7.56E-06	0.00E+00	6.83E-09	0.00E+00	1.57E-10	2.53E-07	0.00E+00	0.00E+00	7.56E-06
3415	ALL	462634.1	3772267	NonCancer	0.00E+00	2.23E-09	0.00E+00	1.57E-10	1.57E-10	7.43E-08	7.59E-06	0.00E+00	6.86E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	7.59E-06
3416	ALL	462643.2	3772263	NonCancer	0.00E+00	2.24E-09	0.00E+00	1.58E-10	1.58E-10	7.46E-08	7.61E-06	0.00E+00	6.89E-09	0.00E+00	1.58E-10	2.55E-07	0.00E+00	0.00E+00	7.61E-06
3417	ALL	462652.3	3772259	NonCancer	0.00E+00	2.25E-09	0.00E+00	1.59E-10	1.59E-10	7.49E-08	7.63E-06	0.00E+00	6.91E-09	0.00E+00	1.59E-10	2.56E-07	0.00E+00	0.00E+00	7.63E-06
3418	ALL	462661.4	3772255	NonCancer	0.00E+00	2.25E-09	0.00E+00	1.59E-10	1.59E-10	7.52E-08	7.66E-06	0.00E+00	6.94E-09	0.00E+00	1.59E-10	2.57E-07	0.00E+00	0.00E+00	7.66E-06
3419	ALL	462670.5	3772252	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.60E-10	1.60E-10	7.54E-08	7.68E-06	0.00E+00	6.96E-09	0.00E+00	1.60E-10	2.58E-07	0.00E+00	0.00E+00	7.68E-06
3420	ALL	462679.6	3772248	NonCancer	0.00E+00	2.27E-09	0.00E+00	1.60E-10	1.60E-10	7.57E-08	7.70E-06	0.00E+00	6.99E-09	0.00E+00	1.60E-10	2.59E-07	0.00E+00	0.00E+00	7.70E-06
3421	ALL	462688.7	3772244	NonCancer	0.00E+00	2.28E-09	0.00E+00	1.61E-10	1.61E-10	7.60E-08	7.72E-06	0.00E+00	7.02E-09	0.00E+00	1.61E-10	2.60E-07	0.00E+00	0.00E+00	7.72E-06
3422	ALL	462697.8	3772240	NonCancer	0.00E+00	2.29E-09	0.00E+00	1.62E-10	1.62E-10	7.63E-08	7.74E-06	0.00E+00	7.04E-09	0.00E+00	1.62E-10	2.61E-07	0.00E+00	0.00E+00	7.74E-06
3423	ALL	462706.9	3772236	NonCancer	0.00E+00	2.30E-09	0.00E+00	1.62E-10	1.62E-10	7.65E-08	7.76E-06	0.00E+00	7.07E-09	0.00E+00	1.62E-10	2.62E-07	0.00E+00	0.00E+00	7.76E-06
3424	ALL	462715.9	3772233	NonCancer	0.00E+00	2.30E-09	0.00E+00	1.63E-10	1.63E-10	7.68E-08	7.78E-06	0.00E+00	7.09E-09	0.00E+00	1.63E-10	2.63E-07	0.00E+00	0.00E+00	7.78E-06
3425	ALL	462725	3772229	NonCancer	0.00E+00	2.31E-09	0.00E+00	1.63E-10	1.63E-10	7.71E-08	7.80E-06	0.00E+00	7.12E-09	0.00E+00	1.63E-10	2.64E-07	0.00E+00	0.00E+00	7.80E-06
3426	ALL	462734.1	3772225	NonCancer	0.00E+00	2.32E-09	0.00E+00	1.64E-10	1.64E-10	7.73E-08	7.82E-06	0.00E+00	7.14E-09	0.00E+00	1.64E-10	2.65E-07	0.00E+00	0.00E+00	7.82E-06
3427	ALL	462743.2	3772221	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.64E-10	1.64E-10	7.76E-08	7.84E-06	0.00E+00	7.16E-09	0.00E+00	1.64E-10	2.66E-07	0.00E+00	0.00E+00	7.84E-06
3428	ALL	462752.3	3772217	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.78E-08	7.85E-06	0.00E+00	7.18E-09	0.00E+00	1.65E-10	2.66E-07	0.00E+00	0.00E+00	7.85E-06
3429	ALL	462761.4	3772214	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.65E-10	1.65E-10	7.80E-08	7.87E-06	0.00E+00	7.20E-09	0.00E+00	1.65E-10	2.67E-07	0.00E+00	0.00E+00	7.87E-06
3430	ALL	462770.5	3772210	NonCancer	0.00E+00	2.35E-09	0.00E+00	1.66E-10	1.66E-10	7.83E-08	7.89E-06	0.00E+00	7.23E-09	0.00E+00	1.66E-10	2.68E-07	0.00E+00	0.00E+00	7.89E-06
3431	ALL	462779.6	3772206	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.66E-10	1.66E-10	7.86E-08	7.90E-06	0.00E+00	7.25E-09	0.00E+00	1.66E-10	2.69E-07	0.00E+00	0.00E+00	7.90E-06
3432	ALL	462788.7	3772202	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.88E-08	7.92E-06	0.00E+00	7.28E-09	0.00E+00	1.67E-10	2.70E-07	0.00E+00	0.00E+00	7.92E-06
3433	ALL	462797.8	3772198	NonCancer	0.00E+00	2.37E-09	0.00E+00	1.68E-10	1.68E-10	7.91E-08	7.94E-06	0.00E+00	7.30E-09	0.00E+00	1.68E-10	2.71E-07	0.00E+00	0.00E+00	7.94E-06
3434	ALL	462806.8	3772195	NonCancer	0.00E+00	2.38E-09	0.00E+00	1.68E-10	1.68E-10	7.93E-08	7.96E-06	0.00E+00	7.32E-09	0.00E+00	1.68E-10	2.72E-07	0.00E+00	0.00E+00	7.96E-06
3435	ALL	462815.9	3772191	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.96E-08	7.98E-06	0.00E+00	7.35E-09	0.00E+00	1.69E-10	2.72E-07	0.00E+00	0.00E+00	7.98E-06
3436	ALL	462825	3772187	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.99E-08	7.99E-06	0.00E+00	7.37E-09	0.00E+00	1.69E-10	2.73E-07	0.00E+00	0.00E+00	7.99E-06
3437	ALL	462834.1	3772183	NonCancer	0.00E+00	2.40E-09	0.00E+00	1.70E-10	1.70E-10	8.01E-08	8.01E-06	0.00E+00	7.40E-09	0.00E+00	1.70E-10	2.74E-07	0.00E+00	0.00E+00	8.01E-06
3438	ALL	462843.2	3772179	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.70E-10	1.70E-10	8.04E-08	8.03E-06	0.00E+00	7.42E-09	0.00E+00	1.70E-10	2.75E-07	0.00E+00	0.00E+00	8.03E-06
3439	ALL	462852.3	3772175	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.06E-08	8.05E-06	0.00E+00	7.44E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.05E-06
3440	ALL	462861.4	3772172	NonCancer	0.00E+00	2.43E-09	0.00E+00	1.71E-10	1.71E-10	8.09E-08	8.06E-06	0.00E+00	7.47E-09	0.00E+00	1.71E-10	2.77E-07	0.00E+00	0.00E+00	8.06E-06
3441	ALL	462870.5	3772168	NonCancer	0.00E+00	2.43E-09	0.00E+00	1.72E-10	1.72E-10	8.11E-08	8.08E-06	0.00E+00	7.49E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	8.08E-06
3442	ALL	462879.6	3772164	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.73E-10	1.73E-10	8.14E-08	8.10E-06	0.00E+00	7.52E-09	0.00E+00	1.73E-10	2.79E-07	0.00E+00	0.00E+00	8.10E-06
3443	ALL	462888.6	3772160	NonCancer	0.00E+00	2.45E-09	0.00E+00	1.73E-10	1.73E-10	8.17E-08	8.12E-06	0.00E+00	7.54E-09	0.00E+00	1.73E-10	2.80E-07	0.00E+00	0.00E+00	8.12E-06
3444	ALL	462897.7	3772156	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.74E-10	1.74E-10	8.20E-08	8.14E-06	0.00E+00	7.57E-09	0.00E+00	1.74E-10	2.80E-07	0.00E+00	0.00E+00	8.14E-06
3445	ALL	462906.8	3772153	NonCancer	0.00E+00	2.47E-09	0.00E+00	1.74E-10	1.74E-10	8.22E-08	8.16E-06	0.00E+00	7.59E-09	0.00E+00	1.74E-10	2.81E-07	0.00E+00	0.00E+00	8.16E-06
3446	ALL	461918	3773158	NonCancer	0.00E+00	1.52E-09	0.00E+00	1.07E-10	1.07E-10	5.06E-08	5.21E-06	0.00E+00	4.67E-09	0.00E+00	1.07E-10	1.73E-07	0.00E+00	0.00E+00	5.21E-06
3447	ALL	461918.1	3773168	NonCancer	0.00E+00	1.52E-09	0.00E+00	1.07E-10	1.07E-10	5.06E-08	5.20E-06	0.00E+00	4.67E-09	0.00E+00	1.07E-10	1.73E-07	0.00E+00	0.00E+00	5.20E-06
3448	ALL	461918.2	3773178	NonCancer	0.00E+00	1.52E-09	0.00E+00	1.07E-10	1.07E-10	5.05E-08	5.20E-06	0.00E+00	4.67E-09	0.00E+00	1.07E-10	1.73E-07	0.00E+00	0.00E+00	5.20E-06
3449	ALL	461918.3	3773188	NonCancer	0.00E+00	1.52E-09	0.00E+00	1.07E-10	1.07E-10	5.06E-08	5.20E-06	0.00E+00	4.67E-09	0.00E+00	1.07E-10	1.73E-07	0.00E+00	0.00E+00	5.20E-06
3450	ALL	461918.4	3773198	NonCancer	0.00E+00	1.52E-09	0.00E+00	1.07E-10	1.07E-10	5.06E-08	5.20E-06	0.00E+00	4.67E-09	0.00E+00	1.07E-10	1.73E-07	0.00E+00	0.00E+00	5.20E-06
3451	ALL	461918.5	3773208	NonCancer	0.00E+00	1.52E-09	0.00E+00	1.07E-10	1.07E-10	5.06E-08	5.20E-06	0.00E+00	4.67E-09	0.00E+00	1.07E-10	1.73E-07	0.00E+00	0.00E+00	5.20E-06
3452	ALL	461918.6	3773218	NonCancer	0.00E+00	1.52E-09	0.00E+00	1.07E-10	1.07E-10	5.06E-08	5.19E-06	0.00E+00	4.67E-09	0.00E+00	1.07E-10	1.73E-07	0.00E+00	0.00E+00	5.19E-06
3453	ALL	461918.7	3773228	NonCancer	0.00E+00	1.52E-09	0.00E+00	1.07E-10	1.07E-10	5.05E-08	5.18E-06	0.00E+00	4.67E-09	0.00E+00	1.07E-10	1.73E-07	0.00E+00	0.00E+00	5.18E-06
3454	ALL	461918.8	3773238	NonCancer	0.00E+00	1.51E-09	0.00E+00	1.07E-10	1.07E-10	5.05E-08	5.18E-06	0.00E+00	4.66E-09	0.00E+00	1.07E-10	1.73E-07	0.00E+00	0.00E+00	5.18E-06

3455	ALL	461918.9	3773248	NonCancer	0.00E+00	1.51E-09	0.00E+00	1.07E-10	1.07E-10	5.04E-08	5.17E-06	0.00E+00	4.66E-09	0.00E+00	1.07E-10	1.73E-07	0.00E+00	0.00E+00	5.17E-06
3456	ALL	462917.5	3773288	NonCancer	0.00E+00	2.84E-08	0.00E+00	2.01E-09	2.01E-09	9.48E-07	1.18E-04	0.00E+00	8.75E-08	0.00E+00	2.01E-09	3.24E-06	0.00E+00	0.00E+00	1.18E-04
3457	ALL	462909.1	3773284	NonCancer	0.00E+00	2.68E-08	0.00E+00	1.90E-09	1.90E-09	8.95E-07	1.12E-04	0.00E+00	8.26E-08	0.00E+00	1.90E-09	3.06E-06	0.00E+00	0.00E+00	1.12E-04
3458	ALL	462900.6	3773281	NonCancer	0.00E+00	2.53E-08	0.00E+00	1.79E-09	1.79E-09	8.44E-07	1.06E-04	0.00E+00	7.79E-08	0.00E+00	1.79E-09	2.89E-06	0.00E+00	0.00E+00	1.06E-04
3459	ALL	462917.5	3773298	NonCancer	0.00E+00	2.67E-08	0.00E+00	1.89E-09	1.89E-09	8.91E-07	1.09E-04	0.00E+00	8.23E-08	0.00E+00	1.89E-09	3.05E-06	0.00E+00	0.00E+00	1.09E-04
3460	ALL	462909.1	3773294	NonCancer	0.00E+00	2.54E-08	0.00E+00	1.79E-09	1.79E-09	8.46E-07	1.04E-04	0.00E+00	7.81E-08	0.00E+00	1.79E-09	2.89E-06	0.00E+00	0.00E+00	1.04E-04
3461	ALL	462900.6	3773291	NonCancer	0.00E+00	2.40E-08	0.00E+00	1.70E-09	1.70E-09	8.02E-07	9.94E-05	0.00E+00	7.40E-08	0.00E+00	1.70E-09	2.74E-06	0.00E+00	0.00E+00	9.94E-05
3462	ALL	462892.2	3773287	NonCancer	0.00E+00	2.28E-08	0.00E+00	1.61E-09	1.61E-09	7.60E-07	9.47E-05	0.00E+00	7.02E-08	0.00E+00	1.61E-09	2.60E-06	0.00E+00	0.00E+00	9.47E-05
3463	ALL	462883.1	3773283	NonCancer	0.00E+00	2.16E-08	0.00E+00	1.53E-09	1.53E-09	7.21E-07	9.03E-05	0.00E+00	6.66E-08	0.00E+00	1.53E-09	2.47E-06	0.00E+00	0.00E+00	9.03E-05
3464	ALL	462917.5	3773308	NonCancer	0.00E+00	2.51E-08	0.00E+00	1.78E-09	1.78E-09	8.38E-07	1.01E-04	0.00E+00	7.74E-08	0.00E+00	1.78E-09	2.87E-06	0.00E+00	0.00E+00	1.01E-04
3465	ALL	462909.1	3773304	NonCancer	0.00E+00	2.40E-08	0.00E+00	1.69E-09	1.69E-09	8.00E-07	9.73E-05	0.00E+00	7.38E-08	0.00E+00	1.69E-09	2.74E-06	0.00E+00	0.00E+00	9.73E-05
3466	ALL	462900.6	3773301	NonCancer	0.00E+00	2.29E-08	0.00E+00	1.61E-09	1.61E-09	7.62E-07	9.32E-05	0.00E+00	7.03E-08	0.00E+00	1.61E-09	2.61E-06	0.00E+00	0.00E+00	9.32E-05
3467	ALL	462892.2	3773297	NonCancer	0.00E+00	2.18E-08	0.00E+00	1.54E-09	1.54E-09	7.25E-07	8.92E-05	0.00E+00	6.70E-08	0.00E+00	1.54E-09	2.48E-06	0.00E+00	0.00E+00	8.92E-05
3468	ALL	462883.7	3773294	NonCancer	0.00E+00	2.07E-08	0.00E+00	1.46E-09	1.46E-09	6.90E-07	8.53E-05	0.00E+00	6.37E-08	0.00E+00	1.46E-09	2.36E-06	0.00E+00	0.00E+00	8.53E-05
3469	ALL	462875.5	3773288	NonCancer	0.00E+00	1.99E-08	0.00E+00	1.41E-09	1.41E-09	6.64E-07	8.25E-05	0.00E+00	6.13E-08	0.00E+00	1.41E-09	2.27E-06	0.00E+00	0.00E+00	8.25E-05
3470	ALL	462871.9	3773280	NonCancer	0.00E+00	2.00E-08	0.00E+00	1.41E-09	1.41E-09	6.66E-07	8.35E-05	0.00E+00	6.15E-08	0.00E+00	1.41E-09	2.28E-06	0.00E+00	0.00E+00	8.35E-05
3471	ALL	462917.5	3773318	NonCancer	0.00E+00	2.37E-08	0.00E+00	1.67E-09	1.67E-09	7.89E-07	9.42E-05	0.00E+00	7.28E-08	0.00E+00	1.67E-09	2.70E-06	0.00E+00	0.00E+00	9.42E-05
3472	ALL	462909.1	3773314	NonCancer	0.00E+00	2.27E-08	0.00E+00	1.60E-09	1.60E-09	7.56E-07	9.09E-05	0.00E+00	6.98E-08	0.00E+00	1.60E-09	2.59E-06	0.00E+00	0.00E+00	9.09E-05
3473	ALL	462900.6	3773311	NonCancer	0.00E+00	2.17E-08	0.00E+00	1.53E-09	1.53E-09	7.24E-07	8.76E-05	0.00E+00	6.68E-08	0.00E+00	1.53E-09	2.48E-06	0.00E+00	0.00E+00	8.76E-05
3474	ALL	462892.2	3773307	NonCancer	0.00E+00	2.08E-08	0.00E+00	1.47E-09	1.47E-09	6.92E-07	8.42E-05	0.00E+00	6.39E-08	0.00E+00	1.47E-09	2.37E-06	0.00E+00	0.00E+00	8.42E-05
3475	ALL	462883.7	3773304	NonCancer	0.00E+00	1.98E-08	0.00E+00	1.40E-09	1.40E-09	6.62E-07	8.08E-05	0.00E+00	6.11E-08	0.00E+00	1.40E-09	2.26E-06	0.00E+00	0.00E+00	8.08E-05
3476	ALL	462875.3	3773300	NonCancer	0.00E+00	1.89E-08	0.00E+00	1.34E-09	1.34E-09	6.32E-07	7.74E-05	0.00E+00	5.83E-08	0.00E+00	1.34E-09	2.16E-06	0.00E+00	0.00E+00	7.74E-05
3477	ALL	462867.9	3773294	NonCancer	0.00E+00	1.84E-08	0.00E+00	1.30E-09	1.30E-09	6.14E-07	7.57E-05	0.00E+00	5.67E-08	0.00E+00	1.30E-09	2.10E-06	0.00E+00	0.00E+00	7.57E-05
3478	ALL	462864.3	3773285	NonCancer	0.00E+00	1.85E-08	0.00E+00	1.31E-09	1.31E-09	6.16E-07	7.66E-05	0.00E+00	5.69E-08	0.00E+00	1.31E-09	2.11E-06	0.00E+00	0.00E+00	7.66E-05
3479	ALL	462917.5	3773328	NonCancer	0.00E+00	2.23E-08	0.00E+00	1.57E-09	1.57E-09	7.42E-07	8.76E-05	0.00E+00	6.85E-08	0.00E+00	1.57E-09	2.54E-06	0.00E+00	0.00E+00	8.76E-05
3480	ALL	462909.1	3773324	NonCancer	0.00E+00	2.14E-08	0.00E+00	1.52E-09	1.52E-09	7.15E-07	8.50E-05	0.00E+00	6.60E-08	0.00E+00	1.52E-09	2.45E-06	0.00E+00	0.00E+00	8.50E-05
3481	ALL	462900.6	3773321	NonCancer	0.00E+00	2.06E-08	0.00E+00	1.46E-09	1.46E-09	6.88E-07	8.23E-05	0.00E+00	6.35E-08	0.00E+00	1.46E-09	2.35E-06	0.00E+00	0.00E+00	8.23E-05
3482	ALL	462892.2	3773317	NonCancer	0.00E+00	1.98E-08	0.00E+00	1.40E-09	1.40E-09	6.60E-07	7.94E-05	0.00E+00	6.10E-08	0.00E+00	1.40E-09	2.26E-06	0.00E+00	0.00E+00	7.94E-05
3483	ALL	462883.7	3773314	NonCancer	0.00E+00	1.90E-08	0.00E+00	1.34E-09	1.34E-09	6.34E-07	7.65E-05	0.00E+00	5.85E-08	0.00E+00	1.34E-09	2.17E-06	0.00E+00	0.00E+00	7.65E-05
3484	ALL	462875.3	3773310	NonCancer	0.00E+00	1.82E-08	0.00E+00	1.29E-09	1.29E-09	6.07E-07	7.36E-05	0.00E+00	5.60E-08	0.00E+00	1.29E-09	2.08E-06	0.00E+00	0.00E+00	7.36E-05
3485	ALL	462866.8	3773307	NonCancer	0.00E+00	1.74E-08	0.00E+00	1.23E-09	1.23E-09	5.81E-07	7.06E-05	0.00E+00	5.37E-08	0.00E+00	1.23E-09	1.99E-06	0.00E+00	0.00E+00	7.06E-05
3486	ALL	462860.2	3773300	NonCancer	0.00E+00	1.71E-08	0.00E+00	1.21E-09	1.21E-09	5.71E-07	6.98E-05	0.00E+00	5.27E-08	0.00E+00	1.21E-09	1.95E-06	0.00E+00	0.00E+00	6.98E-05
3487	ALL	462856.1	3773290	NonCancer	0.00E+00	1.72E-08	0.00E+00	1.21E-09	1.21E-09	5.73E-07	7.08E-05	0.00E+00	5.29E-08	0.00E+00	1.21E-09	1.96E-06	0.00E+00	0.00E+00	7.08E-05
3488	ALL	462851.9	3773280	NonCancer	0.00E+00	1.72E-08	0.00E+00	1.21E-09	1.21E-09	5.73E-07	7.14E-05	0.00E+00	5.29E-08	0.00E+00	1.21E-09	1.96E-06	0.00E+00	0.00E+00	7.14E-05
3489	ALL	462917.5	3773338	NonCancer	0.00E+00	2.09E-08	0.00E+00	1.48E-09	1.48E-09	6.98E-07	8.15E-05	0.00E+00	6.45E-08	0.00E+00	1.48E-09	2.39E-06	0.00E+00	0.00E+00	8.15E-05
3490	ALL	462908.8	3773334	NonCancer	0.00E+00	2.03E-08	0.00E+00	1.43E-09	1.43E-09	6.75E-07	7.94E-05	0.00E+00	6.24E-08	0.00E+00	1.43E-09	2.31E-06	0.00E+00	0.00E+00	7.94E-05
3491	ALL	462900.2	3773331	NonCancer	0.00E+00	1.95E-08	0.00E+00	1.38E-09	1.38E-09	6.52E-07	7.71E-05	0.00E+00	6.02E-08	0.00E+00	1.38E-09	2.23E-06	0.00E+00	0.00E+00	7.71E-05
3492	ALL	462891.6	3773327	NonCancer	0.00E+00	1.88E-08	0.00E+00	1.33E-09	1.33E-09	6.28E-07	7.48E-05	0.00E+00	5.80E-08	0.00E+00	1.33E-09	2.15E-06	0.00E+00	0.00E+00	7.48E-05
3493	ALL	462882.9	3773324	NonCancer	0.00E+00	1.81E-08	0.00E+00	1.28E-09	1.28E-09	6.04E-07	7.23E-05	0.00E+00	5.58E-08	0.00E+00	1.28E-09	2.07E-06	0.00E+00	0.00E+00	7.23E-05
3494	ALL	462874.3	3773320	NonCancer	0.00E+00	1.74E-08	0.00E+00	1.23E-09	1.23E-09	5.80E-07	6.96E-05	0.00E+00	5.36E-08	0.00E+00	1.23E-09	1.99E-06	0.00E+00	0.00E+00	6.96E-05
3495	ALL	462865.6	3773316	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.57E-07	6.69E-05	0.00E+00	5.14E-08	0.00E+00	1.18E-09	1.90E-06	0.00E+00	0.00E+00	6.69E-05
3496	ALL	462857	3773313	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.34E-07	6.43E-05	0.00E+00	4.93E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	6.43E-05
3497	ALL	462851.9	3773304	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.33E-07	6.48E-05	0.00E+00	4.92E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	6.48E-05
3498	ALL	462848.3	3773295	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.35E-07	6.56E-05	0.00E+00	4.94E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	6.56E-05
3499	ALL	462844.7	3773287	NonCancer	0.00E+00	1.61E-08	0.00E+00	1.13E-09	1.13E-09	5.35E-07	6.61E-05	0.00E+00	4.94E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	6.61E-05
3500	ALL	462917.5	3773348	NonCancer	0.00E+00	1.97E-08	0.00E+00	1.39E-09	1.39E-09	6.58E-07	7.60E-05	0.00E+00	6.08E-08	0.00E+00	1.39E-09	2.25E-06	0.00E+00	0.00E+00	7.60E-05
3501	ALL	462908.9	3773344	NonCancer	0.00E+00	1.92E-08	0.00E+00	1.35E-09	1.35E-09	6.39E-07	7.43E-05	0.00E+00	5.90E-08	0.00E+00	1.35E-09	2.19E-06	0.00E+00	0.00E+00	7.43E-05
3502	ALL	462900.2	3773341	NonCancer	0.00E+00	1.86E-08	0.00E+00	1.31E-09	1.31E-09	6.19E-07	7.24E-05	0.00E+00	5.71E-08	0.00E+00	1.31E-09	2.12E-06	0.00E+00	0.00E+00	7.24E-05
3503	ALL	462891.6	3773337	NonCancer	0.00E+00	1.79E-08	0.00E+00	1.27E-09	1.27E-09	5.99E-07	7.04E-05	0.00E+00	5.53E-08	0.00E+00	1.27E-09	2.05E-06	0.00E+00	0.00E+00	7.04E-05
3504	ALL	462883	3773334	NonCancer	0.00E+00	1.73E-08	0.00E+00	1.22E-09	1.22E-09	5.78E-07	6.84E-05	0.00E+00	5.34E-08	0.00E+00	1.22E-09	1.98E-06	0.00E+00	0.00E+00	6.84E-05
3505	ALL	462874.4	3773330	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.57E-07	6.62E-05	0.00E+00	5.14E-08	0.00E+00	1.18E-09	1.91E-06	0.00E+00	0.00E+00	6.62E-05
3506	ALL	462865.8	3773327	NonCancer	0.00E+00	1.61E-08	0.00E+00	1.14E-09	1.14E-09	5.36E-07	6.38E-05	0.00E+00	4.95E-08	0.00E+00	1.14E-09	1.84E-06	0.00E+00	0.00E+00	6.38E-05
3507	ALL	462857.1	3773323	NonCancer	0.00E+00	1.55E-08	0.00E+00	1.09E-09	1.09E-09	5.16E-07	6.15E-05	0.00E+00	4.76E-08	0.00E+00	1.09E-09	1.76E-06	0.00E+00	0.00E+00	6.15E-05
3508	ALL	462847.9	3773318	NonCancer	0.00E+00	1.49E-08	0.00E+00	1.05E-09	1.05E-09	4.96E-07	5.94E-05	0.00E+00	4.58E-08	0.00E+00	1.05E-09	1.70E-06	0.00E+00	0.00E+00	5.94E-05

3509	ALL	462844.3	3773309	NonCancer	0.00E+00	1.50E-08	0.00E+00	1.06E-09	1.06E-09	4.99E-07	6.03E-05	0.00E+00	4.61E-08	0.00E+00	1.06E-09	1.71E-06	0.00E+00	0.00E+00	6.03E-05
3510	ALL	462840.7	3773301	NonCancer	0.00E+00	1.50E-08	0.00E+00	1.06E-09	1.06E-09	5.01E-07	6.10E-05	0.00E+00	4.63E-08	0.00E+00	1.06E-09	1.72E-06	0.00E+00	0.00E+00	6.10E-05
3511	ALL	462837	3773292	NonCancer	0.00E+00	1.51E-08	0.00E+00	1.06E-09	1.06E-09	5.02E-07	6.15E-05	0.00E+00	4.63E-08	0.00E+00	1.06E-09	1.72E-06	0.00E+00	0.00E+00	6.15E-05
3512	ALL	462833.4	3773284	NonCancer	0.00E+00	1.50E-08	0.00E+00	1.06E-09	1.06E-09	5.01E-07	6.18E-05	0.00E+00	4.63E-08	0.00E+00	1.06E-09	1.72E-06	0.00E+00	0.00E+00	6.18E-05
3513	ALL	462917.5	3773368	NonCancer	0.00E+00	1.77E-08	0.00E+00	1.25E-09	1.25E-09	5.89E-07	6.68E-05	0.00E+00	5.44E-08	0.00E+00	1.25E-09	2.02E-06	0.00E+00	0.00E+00	6.68E-05
3514	ALL	462908.9	3773364	NonCancer	0.00E+00	1.72E-08	0.00E+00	1.22E-09	1.22E-09	5.75E-07	6.56E-05	0.00E+00	5.31E-08	0.00E+00	1.22E-09	1.97E-06	0.00E+00	0.00E+00	6.56E-05
3515	ALL	462900.3	3773361	NonCancer	0.00E+00	1.68E-08	0.00E+00	1.19E-09	1.19E-09	5.60E-07	6.42E-05	0.00E+00	5.17E-08	0.00E+00	1.19E-09	1.92E-06	0.00E+00	0.00E+00	6.42E-05
3516	ALL	462891.7	3773357	NonCancer	0.00E+00	1.63E-08	0.00E+00	1.15E-09	1.15E-09	5.44E-07	6.28E-05	0.00E+00	5.03E-08	0.00E+00	1.15E-09	1.86E-06	0.00E+00	0.00E+00	6.28E-05
3517	ALL	462883.1	3773354	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.12E-09	1.12E-09	5.29E-07	6.13E-05	0.00E+00	4.88E-08	0.00E+00	1.12E-09	1.81E-06	0.00E+00	0.00E+00	6.13E-05
3518	ALL	462874.5	3773350	NonCancer	0.00E+00	1.54E-08	0.00E+00	1.09E-09	1.09E-09	5.13E-07	5.97E-05	0.00E+00	4.74E-08	0.00E+00	1.09E-09	1.76E-06	0.00E+00	0.00E+00	5.97E-05
3519	ALL	462865.9	3773347	NonCancer	0.00E+00	1.49E-08	0.00E+00	1.05E-09	1.05E-09	4.97E-07	5.80E-05	0.00E+00	4.59E-08	0.00E+00	1.05E-09	1.70E-06	0.00E+00	0.00E+00	5.80E-05
3520	ALL	462857.4	3773343	NonCancer	0.00E+00	1.44E-08	0.00E+00	1.02E-09	1.02E-09	4.81E-07	5.63E-05	0.00E+00	4.44E-08	0.00E+00	1.02E-09	1.65E-06	0.00E+00	0.00E+00	5.63E-05
3521	ALL	462848.8	3773340	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.85E-10	9.85E-10	4.65E-07	5.46E-05	0.00E+00	4.29E-08	0.00E+00	9.85E-10	1.59E-06	0.00E+00	0.00E+00	5.46E-05
3522	ALL	462840.2	3773336	NonCancer	0.00E+00	1.35E-08	0.00E+00	9.52E-10	9.52E-10	4.49E-07	5.28E-05	0.00E+00	4.15E-08	0.00E+00	9.52E-10	1.54E-06	0.00E+00	0.00E+00	5.28E-05
3523	ALL	462832.6	3773329	NonCancer	0.00E+00	1.32E-08	0.00E+00	9.33E-10	9.33E-10	4.40E-07	5.20E-05	0.00E+00	4.06E-08	0.00E+00	9.33E-10	1.51E-06	0.00E+00	0.00E+00	5.20E-05
3524	ALL	462829	3773321	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.37E-10	9.37E-10	4.42E-07	5.26E-05	0.00E+00	4.08E-08	0.00E+00	9.37E-10	1.51E-06	0.00E+00	0.00E+00	5.26E-05
3525	ALL	462825.4	3773312	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.41E-10	9.41E-10	4.44E-07	5.32E-05	0.00E+00	4.10E-08	0.00E+00	9.41E-10	1.52E-06	0.00E+00	0.00E+00	5.32E-05
3526	ALL	462821.8	3773304	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.42E-10	9.42E-10	4.45E-07	5.37E-05	0.00E+00	4.11E-08	0.00E+00	9.42E-10	1.52E-06	0.00E+00	0.00E+00	5.37E-05
3527	ALL	462818.2	3773295	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.42E-10	9.42E-10	4.45E-07	5.40E-05	0.00E+00	4.11E-08	0.00E+00	9.42E-10	1.52E-06	0.00E+00	0.00E+00	5.40E-05
3528	ALL	462814.6	3773287	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.40E-10	9.40E-10	4.43E-07	5.41E-05	0.00E+00	4.09E-08	0.00E+00	9.40E-10	1.52E-06	0.00E+00	0.00E+00	5.41E-05
3529	ALL	462917.5	3773388	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.13E-09	1.13E-09	5.31E-07	5.93E-05	0.00E+00	4.90E-08	0.00E+00	1.13E-09	1.82E-06	0.00E+00	0.00E+00	5.93E-05
3530	ALL	462908.9	3773384	NonCancer	0.00E+00	1.56E-08	0.00E+00	1.10E-09	1.10E-09	5.21E-07	5.85E-05	0.00E+00	4.81E-08	0.00E+00	1.10E-09	1.78E-06	0.00E+00	0.00E+00	5.85E-05
3531	ALL	462900.3	3773381	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.10E-07	5.75E-05	0.00E+00	4.70E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	5.75E-05
3532	ALL	462891.8	3773377	NonCancer	0.00E+00	1.49E-08	0.00E+00	1.06E-09	1.06E-09	4.98E-07	5.65E-05	0.00E+00	4.60E-08	0.00E+00	1.06E-09	1.70E-06	0.00E+00	0.00E+00	5.65E-05
3533	ALL	462883.2	3773374	NonCancer	0.00E+00	1.46E-08	0.00E+00	1.03E-09	1.03E-09	4.86E-07	5.53E-05	0.00E+00	4.48E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	5.53E-05
3534	ALL	462874.6	3773370	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.73E-07	5.41E-05	0.00E+00	4.37E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	5.41E-05
3535	ALL	462866.1	3773367	NonCancer	0.00E+00	1.38E-08	0.00E+00	9.76E-10	9.76E-10	4.60E-07	5.28E-05	0.00E+00	4.25E-08	0.00E+00	9.76E-10	1.58E-06	0.00E+00	0.00E+00	5.28E-05
3536	ALL	462857.5	3773363	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.48E-10	9.48E-10	4.48E-07	5.15E-05	0.00E+00	4.13E-08	0.00E+00	9.48E-10	1.53E-06	0.00E+00	0.00E+00	5.15E-05
3537	ALL	462848.9	3773360	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.22E-10	9.22E-10	4.35E-07	5.02E-05	0.00E+00	4.02E-08	0.00E+00	9.22E-10	1.49E-06	0.00E+00	0.00E+00	5.02E-05
3538	ALL	462840.4	3773356	NonCancer	0.00E+00	1.27E-08	0.00E+00	8.95E-10	8.95E-10	4.22E-07	4.89E-05	0.00E+00	3.90E-08	0.00E+00	8.95E-10	1.45E-06	0.00E+00	0.00E+00	4.89E-05
3539	ALL	462831.8	3773353	NonCancer	0.00E+00	1.23E-08	0.00E+00	8.68E-10	8.68E-10	4.10E-07	4.75E-05	0.00E+00	3.78E-08	0.00E+00	8.68E-10	1.40E-06	0.00E+00	0.00E+00	4.75E-05
3540	ALL	462823.2	3773349	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.42E-10	8.42E-10	3.97E-07	4.62E-05	0.00E+00	3.67E-08	0.00E+00	8.42E-10	1.36E-06	0.00E+00	0.00E+00	4.62E-05
3541	ALL	462817.4	3773341	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.36E-10	8.36E-10	3.95E-07	4.61E-05	0.00E+00	3.64E-08	0.00E+00	8.36E-10	1.35E-06	0.00E+00	0.00E+00	4.61E-05
3542	ALL	462813.8	3773332	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.40E-10	8.40E-10	3.96E-07	4.66E-05	0.00E+00	3.66E-08	0.00E+00	8.40E-10	1.36E-06	0.00E+00	0.00E+00	4.66E-05
3543	ALL	462810.2	3773324	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.42E-10	8.42E-10	3.97E-07	4.70E-05	0.00E+00	3.67E-08	0.00E+00	8.42E-10	1.36E-06	0.00E+00	0.00E+00	4.70E-05
3544	ALL	462806.6	3773315	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.44E-10	8.44E-10	3.98E-07	4.74E-05	0.00E+00	3.68E-08	0.00E+00	8.44E-10	1.36E-06	0.00E+00	0.00E+00	4.74E-05
3545	ALL	462803	3773307	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.44E-10	8.44E-10	3.98E-07	4.77E-05	0.00E+00	3.68E-08	0.00E+00	8.44E-10	1.36E-06	0.00E+00	0.00E+00	4.77E-05
3546	ALL	462799.3	3773298	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.43E-10	8.43E-10	3.98E-07	4.79E-05	0.00E+00	3.67E-08	0.00E+00	8.43E-10	1.36E-06	0.00E+00	0.00E+00	4.79E-05
3547	ALL	462795.7	3773290	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.40E-10	8.40E-10	3.97E-07	4.80E-05	0.00E+00	3.66E-08	0.00E+00	8.40E-10	1.36E-06	0.00E+00	0.00E+00	4.80E-05
3548	ALL	462792.1	3773281	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.36E-10	8.36E-10	3.94E-07	4.79E-05	0.00E+00	3.64E-08	0.00E+00	8.36E-10	1.35E-06	0.00E+00	0.00E+00	4.79E-05
3549	ALL	462917.5	3773408	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.02E-09	1.02E-09	4.82E-07	5.29E-05	0.00E+00	4.45E-08	0.00E+00	1.02E-09	1.65E-06	0.00E+00	0.00E+00	5.29E-05
3550	ALL	462908.9	3773404	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.74E-07	5.24E-05	0.00E+00	4.38E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	5.24E-05
3551	ALL	462900.4	3773401	NonCancer	0.00E+00	1.40E-08	0.00E+00	9.87E-10	9.87E-10	4.66E-07	5.17E-05	0.00E+00	4.30E-08	0.00E+00	9.87E-10	1.59E-06	0.00E+00	0.00E+00	5.17E-05
3552	ALL	462891.8	3773397	NonCancer	0.00E+00	1.37E-08	0.00E+00	9.68E-10	9.68E-10	4.57E-07	5.10E-05	0.00E+00	4.22E-08	0.00E+00	9.68E-10	1.56E-06	0.00E+00	0.00E+00	5.10E-05
3553	ALL	462883.3	3773394	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.48E-10	9.48E-10	4.48E-07	5.02E-05	0.00E+00	4.13E-08	0.00E+00	9.48E-10	1.53E-06	0.00E+00	0.00E+00	5.02E-05
3554	ALL	462874.7	3773390	NonCancer	0.00E+00	1.31E-08	0.00E+00	9.27E-10	9.27E-10	4.38E-07	4.93E-05	0.00E+00	4.04E-08	0.00E+00	9.27E-10	1.50E-06	0.00E+00	0.00E+00	4.93E-05
3555	ALL	462866.2	3773387	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.05E-10	9.05E-10	4.27E-07	4.83E-05	0.00E+00	3.95E-08	0.00E+00	9.05E-10	1.46E-06	0.00E+00	0.00E+00	4.83E-05
3556	ALL	462857.6	3773383	NonCancer	0.00E+00	1.25E-08	0.00E+00	8.83E-10	8.83E-10	4.17E-07	4.72E-05	0.00E+00	3.85E-08	0.00E+00	8.83E-10	1.43E-06	0.00E+00	0.00E+00	4.72E-05
3557	ALL	462849.1	3773380	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.61E-10	8.61E-10	4.06E-07	4.61E-05	0.00E+00	3.75E-08	0.00E+00	8.61E-10	1.39E-06	0.00E+00	0.00E+00	4.61E-05
3558	ALL	462840.5	3773376	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.39E-10	8.39E-10	3.96E-07	4.51E-05	0.00E+00	3.66E-08	0.00E+00	8.39E-10	1.36E-06	0.00E+00	0.00E+00	4.51E-05
3559	ALL	462832	3773373	NonCancer	0.00E+00	1.16E-08	0.00E+00	8.17E-10	8.17E-10	3.86E-07	4.41E-05	0.00E+00	3.56E-08	0.00E+00	8.17E-10	1.32E-06	0.00E+00	0.00E+00	4.41E-05
3560	ALL	462823.4	3773369	NonCancer	0.00E+00	1.13E-08	0.00E+00	7.95E-10	7.95E-10	3.75E-07	4.30E-05	0.00E+00	3.47E-08	0.00E+00	7.95E-10	1.28E-06	0.00E+00	0.00E+00	4.30E-05
3561	ALL	462814.8	3773366	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.74E-10	7.74E-10	3.65E-07	4.19E-05	0.00E+00	3.37E-08	0.00E+00	7.74E-10	1.25E-06	0.00E+00	0.00E+00	4.19E-05
3562	ALL	462805.7	3773361	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.53E-10	7.53E-10	3.56E-07	4.09E-05	0.00E+00	3.28E-08	0.00E+00	7.53E-10	1.22E-06	0.00E+00	0.00E+00	4.09E-05

3563	ALL	462802.1	3773352	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.57E-10	7.57E-10	3.57E-07	4.13E-05	0.00E+00	3.30E-08	0.00E+00	7.57E-10	1.22E-06	0.00E+00	0.00E+00	4.13E-05
3564	ALL	462798.5	3773344	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.60E-10	7.60E-10	3.59E-07	4.17E-05	0.00E+00	3.31E-08	0.00E+00	7.60E-10	1.23E-06	0.00E+00	0.00E+00	4.17E-05
3565	ALL	462794.9	3773335	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.62E-10	7.62E-10	3.59E-07	4.20E-05	0.00E+00	3.32E-08	0.00E+00	7.62E-10	1.23E-06	0.00E+00	0.00E+00	4.20E-05
3566	ALL	462791.3	3773327	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.63E-10	7.63E-10	3.60E-07	4.22E-05	0.00E+00	3.32E-08	0.00E+00	7.63E-10	1.23E-06	0.00E+00	0.00E+00	4.22E-05
3567	ALL	462787.7	3773318	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.63E-10	7.63E-10	3.60E-07	4.25E-05	0.00E+00	3.32E-08	0.00E+00	7.63E-10	1.23E-06	0.00E+00	0.00E+00	4.25E-05
3568	ALL	462784.1	3773310	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.63E-10	7.63E-10	3.60E-07	4.27E-05	0.00E+00	3.32E-08	0.00E+00	7.63E-10	1.23E-06	0.00E+00	0.00E+00	4.27E-05
3569	ALL	462780.5	3773301	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.61E-10	7.61E-10	3.59E-07	4.29E-05	0.00E+00	3.32E-08	0.00E+00	7.61E-10	1.23E-06	0.00E+00	0.00E+00	4.29E-05
3570	ALL	462776.9	3773292	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.58E-10	7.58E-10	3.58E-07	4.29E-05	0.00E+00	3.30E-08	0.00E+00	7.58E-10	1.22E-06	0.00E+00	0.00E+00	4.29E-05
3571	ALL	462773.3	3773284	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.54E-10	7.54E-10	3.56E-07	4.28E-05	0.00E+00	3.28E-08	0.00E+00	7.54E-10	1.22E-06	0.00E+00	0.00E+00	4.28E-05
3572	ALL	462917.5	3773428	NonCancer	0.00E+00	1.32E-08	0.00E+00	9.34E-10	9.34E-10	4.41E-07	4.78E-05	0.00E+00	4.07E-08	0.00E+00	9.34E-10	1.51E-06	0.00E+00	0.00E+00	4.78E-05
3573	ALL	462908.8	3773424	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.21E-10	9.21E-10	4.35E-07	4.73E-05	0.00E+00	4.01E-08	0.00E+00	9.21E-10	1.49E-06	0.00E+00	0.00E+00	4.73E-05
3574	ALL	462900.2	3773421	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.06E-10	9.06E-10	4.28E-07	4.68E-05	0.00E+00	3.95E-08	0.00E+00	9.06E-10	1.46E-06	0.00E+00	0.00E+00	4.68E-05
3575	ALL	462891.6	3773417	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.91E-10	8.91E-10	4.20E-07	4.62E-05	0.00E+00	3.88E-08	0.00E+00	8.91E-10	1.44E-06	0.00E+00	0.00E+00	4.62E-05
3576	ALL	462882.9	3773414	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.75E-10	8.75E-10	4.13E-07	4.56E-05	0.00E+00	3.81E-08	0.00E+00	8.75E-10	1.41E-06	0.00E+00	0.00E+00	4.56E-05
3577	ALL	462874.3	3773410	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.58E-10	8.58E-10	4.05E-07	4.49E-05	0.00E+00	3.74E-08	0.00E+00	8.58E-10	1.39E-06	0.00E+00	0.00E+00	4.49E-05
3578	ALL	462865.6	3773406	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.41E-10	8.41E-10	3.97E-07	4.42E-05	0.00E+00	3.66E-08	0.00E+00	8.41E-10	1.36E-06	0.00E+00	0.00E+00	4.42E-05
3579	ALL	462857	3773403	NonCancer	0.00E+00	1.16E-08	0.00E+00	8.23E-10	8.23E-10	3.88E-07	4.34E-05	0.00E+00	3.59E-08	0.00E+00	8.23E-10	1.33E-06	0.00E+00	0.00E+00	4.34E-05
3580	ALL	462848.4	3773399	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.04E-10	8.04E-10	3.80E-07	4.25E-05	0.00E+00	3.51E-08	0.00E+00	8.04E-10	1.30E-06	0.00E+00	0.00E+00	4.25E-05
3581	ALL	462839.7	3773396	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.86E-10	7.86E-10	3.71E-07	4.17E-05	0.00E+00	3.42E-08	0.00E+00	7.86E-10	1.27E-06	0.00E+00	0.00E+00	4.17E-05
3582	ALL	462831.1	3773392	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.67E-10	7.67E-10	3.62E-07	4.08E-05	0.00E+00	3.34E-08	0.00E+00	7.67E-10	1.24E-06	0.00E+00	0.00E+00	4.08E-05
3583	ALL	462822.5	3773389	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.49E-10	7.49E-10	3.53E-07	3.99E-05	0.00E+00	3.26E-08	0.00E+00	7.49E-10	1.21E-06	0.00E+00	0.00E+00	3.99E-05
3584	ALL	462813.8	3773385	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.30E-10	7.30E-10	3.45E-07	3.90E-05	0.00E+00	3.18E-08	0.00E+00	7.30E-10	1.18E-06	0.00E+00	0.00E+00	3.90E-05
3585	ALL	462805.2	3773382	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.12E-10	7.12E-10	3.36E-07	3.81E-05	0.00E+00	3.10E-08	0.00E+00	7.12E-10	1.15E-06	0.00E+00	0.00E+00	3.81E-05
3586	ALL	462796.5	3773378	NonCancer	0.00E+00	9.82E-09	0.00E+00	6.94E-10	6.94E-10	3.27E-07	3.72E-05	0.00E+00	3.02E-08	0.00E+00	6.94E-10	1.12E-06	0.00E+00	0.00E+00	3.72E-05
3587	ALL	462789.8	3773371	NonCancer	0.00E+00	9.73E-09	0.00E+00	6.87E-10	6.87E-10	3.24E-07	3.70E-05	0.00E+00	3.00E-08	0.00E+00	6.87E-10	1.11E-06	0.00E+00	0.00E+00	3.70E-05
3588	ALL	462786.2	3773362	NonCancer	0.00E+00	9.78E-09	0.00E+00	6.91E-10	6.91E-10	3.26E-07	3.74E-05	0.00E+00	3.01E-08	0.00E+00	6.91E-10	1.12E-06	0.00E+00	0.00E+00	3.74E-05
3589	ALL	462782.5	3773353	NonCancer	0.00E+00	9.81E-09	0.00E+00	6.93E-10	6.93E-10	3.27E-07	3.77E-05	0.00E+00	3.02E-08	0.00E+00	6.93E-10	1.12E-06	0.00E+00	0.00E+00	3.77E-05
3590	ALL	462778.9	3773345	NonCancer	0.00E+00	9.84E-09	0.00E+00	6.95E-10	6.95E-10	3.28E-07	3.80E-05	0.00E+00	3.03E-08	0.00E+00	6.95E-10	1.12E-06	0.00E+00	0.00E+00	3.80E-05
3591	ALL	462775.3	3773336	NonCancer	0.00E+00	9.85E-09	0.00E+00	6.96E-10	6.96E-10	3.28E-07	3.82E-05	0.00E+00	3.03E-08	0.00E+00	6.96E-10	1.12E-06	0.00E+00	0.00E+00	3.82E-05
3592	ALL	462771.6	3773327	NonCancer	0.00E+00	9.85E-09	0.00E+00	6.96E-10	6.96E-10	3.29E-07	3.84E-05	0.00E+00	3.03E-08	0.00E+00	6.96E-10	1.12E-06	0.00E+00	0.00E+00	3.84E-05
3593	ALL	462768	3773319	NonCancer	0.00E+00	9.84E-09	0.00E+00	6.96E-10	6.96E-10	3.28E-07	3.86E-05	0.00E+00	3.03E-08	0.00E+00	6.96E-10	1.12E-06	0.00E+00	0.00E+00	3.86E-05
3594	ALL	462764.4	3773310	NonCancer	0.00E+00	9.82E-09	0.00E+00	6.94E-10	6.94E-10	3.28E-07	3.87E-05	0.00E+00	3.02E-08	0.00E+00	6.94E-10	1.12E-06	0.00E+00	0.00E+00	3.87E-05
3595	ALL	462760.7	3773302	NonCancer	0.00E+00	9.79E-09	0.00E+00	6.92E-10	6.92E-10	3.26E-07	3.87E-05	0.00E+00	3.01E-08	0.00E+00	6.92E-10	1.12E-06	0.00E+00	0.00E+00	3.87E-05
3596	ALL	462757.1	3773293	NonCancer	0.00E+00	9.74E-09	0.00E+00	6.88E-10	6.88E-10	3.25E-07	3.86E-05	0.00E+00	3.00E-08	0.00E+00	6.88E-10	1.11E-06	0.00E+00	0.00E+00	3.86E-05
3597	ALL	462753.5	3773284	NonCancer	0.00E+00	9.68E-09	0.00E+00	6.84E-10	6.84E-10	3.23E-07	3.85E-05	0.00E+00	2.98E-08	0.00E+00	6.84E-10	1.10E-06	0.00E+00	0.00E+00	3.85E-05
3598	ALL	462917.5	3773448	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.62E-10	8.62E-10	4.07E-07	4.35E-05	0.00E+00	3.75E-08	0.00E+00	8.62E-10	1.39E-06	0.00E+00	0.00E+00	4.35E-05
3599	ALL	462908.9	3773444	NonCancer	0.00E+00	1.20E-08	0.00E+00	8.51E-10	8.51E-10	4.01E-07	4.32E-05	0.00E+00	3.71E-08	0.00E+00	8.51E-10	1.37E-06	0.00E+00	0.00E+00	4.32E-05
3600	ALL	462900.2	3773441	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.38E-10	8.38E-10	3.96E-07	4.27E-05	0.00E+00	3.65E-08	0.00E+00	8.38E-10	1.35E-06	0.00E+00	0.00E+00	4.27E-05
3601	ALL	462891.6	3773437	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.25E-10	8.25E-10	3.89E-07	4.22E-05	0.00E+00	3.60E-08	0.00E+00	8.25E-10	1.33E-06	0.00E+00	0.00E+00	4.22E-05
3602	ALL	462883	3773434	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.12E-10	8.12E-10	3.83E-07	4.17E-05	0.00E+00	3.54E-08	0.00E+00	8.12E-10	1.31E-06	0.00E+00	0.00E+00	4.17E-05
3603	ALL	462874.4	3773430	NonCancer	0.00E+00	1.13E-08	0.00E+00	7.98E-10	7.98E-10	3.77E-07	4.12E-05	0.00E+00	3.48E-08	0.00E+00	7.98E-10	1.29E-06	0.00E+00	0.00E+00	4.12E-05
3604	ALL	462865.8	3773427	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.84E-10	7.84E-10	3.70E-07	4.06E-05	0.00E+00	3.42E-08	0.00E+00	7.84E-10	1.27E-06	0.00E+00	0.00E+00	4.06E-05
3605	ALL	462857.1	3773423	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.70E-10	7.70E-10	3.63E-07	4.00E-05	0.00E+00	3.36E-08	0.00E+00	7.70E-10	1.24E-06	0.00E+00	0.00E+00	4.00E-05
3606	ALL	462848.5	3773419	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.55E-10	7.55E-10	3.56E-07	3.94E-05	0.00E+00	3.29E-08	0.00E+00	7.55E-10	1.22E-06	0.00E+00	0.00E+00	3.94E-05
3607	ALL	462839.9	3773416	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.40E-10	7.40E-10	3.49E-07	3.87E-05	0.00E+00	3.23E-08	0.00E+00	7.40E-10	1.20E-06	0.00E+00	0.00E+00	3.87E-05
3608	ALL	462831.3	3773412	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.25E-10	7.25E-10	3.42E-07	3.80E-05	0.00E+00	3.16E-08	0.00E+00	7.25E-10	1.17E-06	0.00E+00	0.00E+00	3.80E-05
3609	ALL	462822.7	3773409	NonCancer	0.00E+00	1.00E-08	0.00E+00	7.09E-10	7.09E-10	3.35E-07	3.73E-05	0.00E+00	3.09E-08	0.00E+00	7.09E-10	1.15E-06	0.00E+00	0.00E+00	3.73E-05
3610	ALL	462814.1	3773405	NonCancer	0.00E+00	9.81E-09	0.00E+00	6.93E-10	6.93E-10	3.27E-07	3.65E-05	0.00E+00	3.02E-08	0.00E+00	6.93E-10	1.12E-06	0.00E+00	0.00E+00	3.65E-05
3611	ALL	462805.4	3773402	NonCancer	0.00E+00	9.59E-09	0.00E+00	6.77E-10	6.77E-10	3.20E-07	3.58E-05	0.00E+00	2.95E-08	0.00E+00	6.77E-10	1.09E-06	0.00E+00	0.00E+00	3.58E-05
3612	ALL	462796.8	3773398	NonCancer	0.00E+00	9.36E-09	0.00E+00	6.62E-10	6.62E-10	3.12E-07	3.50E-05	0.00E+00	2.88E-08	0.00E+00	6.62E-10	1.07E-06	0.00E+00	0.00E+00	3.50E-05
3613	ALL	462788.2	3773395	NonCancer	0.00E+00	9.14E-09	0.00E+00	6.46E-10	6.46E-10	3.05E-07	3.42E-05	0.00E+00	2.81E-08	0.00E+00	6.46E-10	1.04E-06	0.00E+00	0.00E+00	3.42E-05
3614	ALL	462779.6	3773391	NonCancer	0.00E+00	8.92E-09	0.00E+00	6.30E-10	6.30E-10	2.98E-07	3.34E-05	0.00E+00	2.75E-08	0.00E+00	6.30E-10	1.02E-06	0.00E+00	0.00E+00	3.34E-05
3615	ALL	462774.5	3773382	NonCancer	0.00E+00	8.93E-09	0.00E+00	6.31E-10	6.31E-10	2.98E-07	3.36E-05	0.00E+00	2.75E-08	0.00E+00	6.31E-10	1.02E-06	0.00E+00	0.00E+00	3.36E-05
3616	ALL	462770.9	3773373	NonCancer	0.00E+00	8.97E-09	0.00E+00	6.34E-10	6.34E-10	2.99E-07	3.39E-05	0.00E+00	2.76E-08	0.00E+00	6.34E-10	1.02E-06	0.00E+00	0.00E+00	3.39E-05

3617	ALL	462767.3	3773365	NonCancer	0.00E+00	9.00E-09	0.00E+00	6.36E-10	6.36E-10	3.00E-07	3.42E-05	0.00E+00	2.77E-08	0.00E+00	6.36E-10	1.03E-06	0.00E+00	0.00E+00	3.42E-05
3618	ALL	462763.6	3773356	NonCancer	0.00E+00	9.02E-09	0.00E+00	6.38E-10	6.38E-10	3.01E-07	3.45E-05	0.00E+00	2.78E-08	0.00E+00	6.38E-10	1.03E-06	0.00E+00	0.00E+00	3.45E-05
3619	ALL	462760	3773348	NonCancer	0.00E+00	9.04E-09	0.00E+00	6.39E-10	6.39E-10	3.01E-07	3.47E-05	0.00E+00	2.78E-08	0.00E+00	6.39E-10	1.03E-06	0.00E+00	0.00E+00	3.47E-05
3620	ALL	462756.4	3773339	NonCancer	0.00E+00	9.04E-09	0.00E+00	6.39E-10	6.39E-10	3.02E-07	3.49E-05	0.00E+00	2.78E-08	0.00E+00	6.39E-10	1.03E-06	0.00E+00	0.00E+00	3.49E-05
3621	ALL	462752.8	3773330	NonCancer	0.00E+00	9.04E-09	0.00E+00	6.39E-10	6.39E-10	3.02E-07	3.51E-05	0.00E+00	2.78E-08	0.00E+00	6.39E-10	1.03E-06	0.00E+00	0.00E+00	3.51E-05
3622	ALL	462749.1	3773322	NonCancer	0.00E+00	9.02E-09	0.00E+00	6.38E-10	6.38E-10	3.01E-07	3.52E-05	0.00E+00	2.78E-08	0.00E+00	6.38E-10	1.03E-06	0.00E+00	0.00E+00	3.52E-05
3623	ALL	462745.5	3773313	NonCancer	0.00E+00	8.99E-09	0.00E+00	6.36E-10	6.36E-10	3.00E-07	3.52E-05	0.00E+00	2.77E-08	0.00E+00	6.36E-10	1.03E-06	0.00E+00	0.00E+00	3.52E-05
3624	ALL	462741.9	3773305	NonCancer	0.00E+00	8.96E-09	0.00E+00	6.33E-10	6.33E-10	2.99E-07	3.51E-05	0.00E+00	2.76E-08	0.00E+00	6.33E-10	1.02E-06	0.00E+00	0.00E+00	3.51E-05
3625	ALL	462738.3	3773296	NonCancer	0.00E+00	8.91E-09	0.00E+00	6.29E-10	6.29E-10	2.97E-07	3.50E-05	0.00E+00	2.74E-08	0.00E+00	6.29E-10	1.02E-06	0.00E+00	0.00E+00	3.50E-05
3626	ALL	462734.6	3773287	NonCancer	0.00E+00	8.85E-09	0.00E+00	6.25E-10	6.25E-10	2.95E-07	3.49E-05	0.00E+00	2.73E-08	0.00E+00	6.25E-10	1.01E-06	0.00E+00	0.00E+00	3.49E-05
3627	ALL	462900.3	3773461	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.78E-10	7.78E-10	3.67E-07	3.91E-05	0.00E+00	3.39E-08	0.00E+00	7.78E-10	1.26E-06	0.00E+00	0.00E+00	3.91E-05
3628	ALL	462891.7	3773457	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.67E-10	7.67E-10	3.62E-07	3.87E-05	0.00E+00	3.34E-08	0.00E+00	7.67E-10	1.24E-06	0.00E+00	0.00E+00	3.87E-05
3629	ALL	462883.1	3773454	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.55E-10	7.55E-10	3.57E-07	3.78E-05	0.00E+00	3.29E-08	0.00E+00	7.55E-10	1.22E-06	0.00E+00	0.00E+00	3.78E-05
3630	ALL	462874.5	3773450	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.44E-10	7.44E-10	3.51E-07	3.73E-05	0.00E+00	3.24E-08	0.00E+00	7.44E-10	1.20E-06	0.00E+00	0.00E+00	3.73E-05
3631	ALL	462865.9	3773447	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.32E-10	7.32E-10	3.45E-07	3.69E-05	0.00E+00	3.19E-08	0.00E+00	7.32E-10	1.18E-06	0.00E+00	0.00E+00	3.69E-05
3632	ALL	462857.3	3773443	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.20E-10	7.20E-10	3.40E-07	3.64E-05	0.00E+00	3.14E-08	0.00E+00	7.20E-10	1.16E-06	0.00E+00	0.00E+00	3.64E-05
3633	ALL	462848.7	3773439	NonCancer	0.00E+00	1.00E-08	0.00E+00	7.08E-10	7.08E-10	3.34E-07	3.64E-05	0.00E+00	3.09E-08	0.00E+00	7.08E-10	1.14E-06	0.00E+00	0.00E+00	3.64E-05
3634	ALL	462840.1	3773436	NonCancer	0.00E+00	9.85E-09	0.00E+00	6.96E-10	6.96E-10	3.29E-07	3.59E-05	0.00E+00	3.03E-08	0.00E+00	6.96E-10	1.12E-06	0.00E+00	0.00E+00	3.59E-05
3635	ALL	462831.5	3773432	NonCancer	0.00E+00	9.68E-09	0.00E+00	6.84E-10	6.84E-10	3.23E-07	3.54E-05	0.00E+00	2.98E-08	0.00E+00	6.84E-10	1.10E-06	0.00E+00	0.00E+00	3.54E-05
3636	ALL	462822.9	3773429	NonCancer	0.00E+00	9.49E-09	0.00E+00	6.71E-10	6.71E-10	3.17E-07	3.48E-05	0.00E+00	2.92E-08	0.00E+00	6.71E-10	1.08E-06	0.00E+00	0.00E+00	3.48E-05
3637	ALL	462814.2	3773425	NonCancer	0.00E+00	9.31E-09	0.00E+00	6.58E-10	6.58E-10	3.10E-07	3.42E-05	0.00E+00	2.87E-08	0.00E+00	6.58E-10	1.06E-06	0.00E+00	0.00E+00	3.42E-05
3638	ALL	462805.6	3773422	NonCancer	0.00E+00	9.12E-09	0.00E+00	6.44E-10	6.44E-10	3.04E-07	3.36E-05	0.00E+00	2.81E-08	0.00E+00	6.44E-10	1.04E-06	0.00E+00	0.00E+00	3.36E-05
3639	ALL	462797	3773418	NonCancer	0.00E+00	8.93E-09	0.00E+00	6.31E-10	6.31E-10	2.98E-07	3.30E-05	0.00E+00	2.75E-08	0.00E+00	6.31E-10	1.02E-06	0.00E+00	0.00E+00	3.30E-05
3640	ALL	462788.4	3773415	NonCancer	0.00E+00	8.74E-09	0.00E+00	6.18E-10	6.18E-10	2.91E-07	3.23E-05	0.00E+00	2.69E-08	0.00E+00	6.18E-10	9.98E-07	0.00E+00	0.00E+00	3.23E-05
3641	ALL	462779.8	3773411	NonCancer	0.00E+00	8.55E-09	0.00E+00	6.04E-10	6.04E-10	2.85E-07	3.17E-05	0.00E+00	2.63E-08	0.00E+00	6.04E-10	9.76E-07	0.00E+00	0.00E+00	3.17E-05
3642	ALL	462771.2	3773408	NonCancer	0.00E+00	8.36E-09	0.00E+00	5.91E-10	5.91E-10	2.79E-07	3.10E-05	0.00E+00	2.57E-08	0.00E+00	5.91E-10	9.54E-07	0.00E+00	0.00E+00	3.10E-05
3643	ALL	462762.9	3773402	NonCancer	0.00E+00	8.21E-09	0.00E+00	5.80E-10	5.80E-10	2.74E-07	3.06E-05	0.00E+00	2.53E-08	0.00E+00	5.80E-10	9.38E-07	0.00E+00	0.00E+00	3.06E-05
3644	ALL	462759.2	3773393	NonCancer	0.00E+00	8.25E-09	0.00E+00	5.83E-10	5.83E-10	2.75E-07	3.08E-05	0.00E+00	2.54E-08	0.00E+00	5.83E-10	9.41E-07	0.00E+00	0.00E+00	3.08E-05
3645	ALL	462755.6	3773385	NonCancer	0.00E+00	8.27E-09	0.00E+00	5.85E-10	5.85E-10	2.76E-07	3.10E-05	0.00E+00	2.55E-08	0.00E+00	5.85E-10	9.44E-07	0.00E+00	0.00E+00	3.10E-05
3646	ALL	462752	3773376	NonCancer	0.00E+00	8.30E-09	0.00E+00	5.86E-10	5.86E-10	2.77E-07	3.13E-05	0.00E+00	2.56E-08	0.00E+00	5.86E-10	9.47E-07	0.00E+00	0.00E+00	3.13E-05
3647	ALL	462748.4	3773368	NonCancer	0.00E+00	8.32E-09	0.00E+00	5.88E-10	5.88E-10	2.77E-07	3.15E-05	0.00E+00	2.56E-08	0.00E+00	5.88E-10	9.50E-07	0.00E+00	0.00E+00	3.15E-05
3648	ALL	462744.8	3773359	NonCancer	0.00E+00	8.33E-09	0.00E+00	5.89E-10	5.89E-10	2.78E-07	3.17E-05	0.00E+00	2.57E-08	0.00E+00	5.89E-10	9.51E-07	0.00E+00	0.00E+00	3.17E-05
3649	ALL	462741.1	3773350	NonCancer	0.00E+00	8.34E-09	0.00E+00	5.89E-10	5.89E-10	2.78E-07	3.18E-05	0.00E+00	2.57E-08	0.00E+00	5.89E-10	9.52E-07	0.00E+00	0.00E+00	3.18E-05
3650	ALL	462737.5	3773342	NonCancer	0.00E+00	8.34E-09	0.00E+00	5.89E-10	5.89E-10	2.78E-07	3.20E-05	0.00E+00	2.57E-08	0.00E+00	5.89E-10	9.52E-07	0.00E+00	0.00E+00	3.20E-05
3651	ALL	462733.9	3773333	NonCancer	0.00E+00	8.33E-09	0.00E+00	5.89E-10	5.89E-10	2.78E-07	3.21E-05	0.00E+00	2.56E-08	0.00E+00	5.89E-10	9.51E-07	0.00E+00	0.00E+00	3.21E-05
3652	ALL	462730.3	3773325	NonCancer	0.00E+00	8.31E-09	0.00E+00	5.87E-10	5.87E-10	2.77E-07	3.21E-05	0.00E+00	2.56E-08	0.00E+00	5.87E-10	9.49E-07	0.00E+00	0.00E+00	3.21E-05
3653	ALL	462726.7	3773316	NonCancer	0.00E+00	8.28E-09	0.00E+00	5.85E-10	5.85E-10	2.76E-07	3.21E-05	0.00E+00	2.55E-08	0.00E+00	5.85E-10	9.45E-07	0.00E+00	0.00E+00	3.21E-05
3654	ALL	462723.1	3773308	NonCancer	0.00E+00	8.24E-09	0.00E+00	5.82E-10	5.82E-10	2.75E-07	3.20E-05	0.00E+00	2.54E-08	0.00E+00	5.82E-10	9.41E-07	0.00E+00	0.00E+00	3.20E-05
3655	ALL	462719.4	3773299	NonCancer	0.00E+00	8.20E-09	0.00E+00	5.79E-10	5.79E-10	2.73E-07	3.20E-05	0.00E+00	2.52E-08	0.00E+00	5.79E-10	9.36E-07	0.00E+00	0.00E+00	3.20E-05
3656	ALL	462715.8	3773290	NonCancer	0.00E+00	8.15E-09	0.00E+00	5.76E-10	5.76E-10	2.72E-07	3.18E-05	0.00E+00	2.51E-08	0.00E+00	5.76E-10	9.30E-07	0.00E+00	0.00E+00	3.18E-05
3657	ALL	462712.2	3773282	NonCancer	0.00E+00	8.09E-09	0.00E+00	5.71E-10	5.71E-10	2.70E-07	3.17E-05	0.00E+00	2.49E-08	0.00E+00	5.71E-10	9.23E-07	0.00E+00	0.00E+00	3.17E-05
3658	ALL	462917.5	3773488	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.40E-10	7.40E-10	3.49E-07	3.60E-05	0.00E+00	3.22E-08	0.00E+00	7.40E-10	1.20E-06	0.00E+00	0.00E+00	3.60E-05
3659	ALL	462848.8	3773460	NonCancer	0.00E+00	9.44E-09	0.00E+00	6.67E-10	6.67E-10	3.15E-07	3.35E-05	0.00E+00	2.91E-08	0.00E+00	6.67E-10	1.08E-06	0.00E+00	0.00E+00	3.35E-05
3660	ALL	462840.2	3773456	NonCancer	0.00E+00	9.29E-09	0.00E+00	6.56E-10	6.56E-10	3.10E-07	3.30E-05	0.00E+00	2.86E-08	0.00E+00	6.56E-10	1.06E-06	0.00E+00	0.00E+00	3.30E-05
3661	ALL	462831.6	3773452	NonCancer	0.00E+00	9.13E-09	0.00E+00	6.45E-10	6.45E-10	3.04E-07	3.25E-05	0.00E+00	2.81E-08	0.00E+00	6.45E-10	1.04E-06	0.00E+00	0.00E+00	3.25E-05
3662	ALL	462823	3773449	NonCancer	0.00E+00	8.97E-09	0.00E+00	6.34E-10	6.34E-10	2.99E-07	3.20E-05	0.00E+00	2.76E-08	0.00E+00	6.34E-10	1.02E-06	0.00E+00	0.00E+00	3.20E-05
3663	ALL	462814.4	3773445	NonCancer	0.00E+00	8.81E-09	0.00E+00	6.22E-10	6.22E-10	2.94E-07	3.15E-05	0.00E+00	2.71E-08	0.00E+00	6.22E-10	1.01E-06	0.00E+00	0.00E+00	3.15E-05
3664	ALL	462805.8	3773442	NonCancer	0.00E+00	8.65E-09	0.00E+00	6.11E-10	6.11E-10	2.88E-07	3.11E-05	0.00E+00	2.66E-08	0.00E+00	6.11E-10	9.87E-07	0.00E+00	0.00E+00	3.11E-05
3665	ALL	462797.2	3773438	NonCancer	0.00E+00	8.49E-09	0.00E+00	6.00E-10	6.00E-10	2.83E-07	3.10E-05	0.00E+00	2.62E-08	0.00E+00	6.00E-10	9.70E-07	0.00E+00	0.00E+00	3.10E-05
3666	ALL	462788.6	3773435	NonCancer	0.00E+00	8.34E-09	0.00E+00	5.89E-10	5.89E-10	2.78E-07	3.05E-05	0.00E+00	2.57E-08	0.00E+00	5.89E-10	9.51E-07	0.00E+00	0.00E+00	3.05E-05
3667	ALL	462780.1	3773431	NonCancer	0.00E+00	8.18E-09	0.00E+00	5.78E-10	5.78E-10	2.73E-07	2.99E-05	0.00E+00	2.52E-08	0.00E+00	5.78E-10	9.33E-07	0.00E+00	0.00E+00	2.99E-05
3668	ALL	462771.5	3773428	NonCancer	0.00E+00	8.01E-09	0.00E+00	5.66E-10	5.66E-10	2.67E-07	2.94E-05	0.00E+00	2.47E-08	0.00E+00	5.66E-10	9.15E-07	0.00E+00	0.00E+00	2.94E-05
3669	ALL	462762.9	3773424	NonCancer	0.00E+00	7.85E-09	0.00E+00	5.55E-10	5.55E-10	2.62E-07	2.89E-05	0.00E+00	2.42E-08	0.00E+00	5.55E-10	8.96E-07	0.00E+00	0.00E+00	2.89E-05
3670	ALL	462754.3	3773421	NonCancer	0.00E+00	7.69E-09	0.00E+00	5.43E-10	5.43E-10	2.56E-07	2.83E-05	0.00E+00	2.37E-08	0.00E+00	5.43E-10	8.78E-07	0.00E+00	0.00E+00	2.83E-05

3671	ALL	462747.6	3773413	NonCancer	0.00E+00	7.63E-09	0.00E+00	5.39E-10	5.39E-10	2.54E-07	2.82E-05	0.00E+00	2.35E-08	0.00E+00	5.39E-10	8.71E-07	0.00E+00	0.00E+00	2.82E-05
3672	ALL	462744	3773405	NonCancer	0.00E+00	7.66E-09	0.00E+00	5.41E-10	5.41E-10	2.55E-07	2.84E-05	0.00E+00	2.36E-08	0.00E+00	5.41E-10	8.74E-07	0.00E+00	0.00E+00	2.84E-05
3673	ALL	462740.4	3773396	NonCancer	0.00E+00	7.68E-09	0.00E+00	5.43E-10	5.43E-10	2.56E-07	2.86E-05	0.00E+00	2.36E-08	0.00E+00	5.43E-10	8.76E-07	0.00E+00	0.00E+00	2.86E-05
3674	ALL	462736.7	3773387	NonCancer	0.00E+00	7.69E-09	0.00E+00	5.44E-10	5.44E-10	2.57E-07	2.87E-05	0.00E+00	2.37E-08	0.00E+00	5.44E-10	8.78E-07	0.00E+00	0.00E+00	2.87E-05
3675	ALL	462733.1	3773379	NonCancer	0.00E+00	7.71E-09	0.00E+00	5.45E-10	5.45E-10	2.57E-07	2.89E-05	0.00E+00	2.37E-08	0.00E+00	5.45E-10	8.80E-07	0.00E+00	0.00E+00	2.89E-05
3676	ALL	462729.5	3773370	NonCancer	0.00E+00	7.72E-09	0.00E+00	5.46E-10	5.46E-10	2.58E-07	2.91E-05	0.00E+00	2.38E-08	0.00E+00	5.46E-10	8.81E-07	0.00E+00	0.00E+00	2.91E-05
3677	ALL	462725.9	3773362	NonCancer	0.00E+00	7.73E-09	0.00E+00	5.46E-10	5.46E-10	2.58E-07	2.92E-05	0.00E+00	2.38E-08	0.00E+00	5.46E-10	8.82E-07	0.00E+00	0.00E+00	2.92E-05
3678	ALL	462722.3	3773353	NonCancer	0.00E+00	7.73E-09	0.00E+00	5.46E-10	5.46E-10	2.58E-07	2.93E-05	0.00E+00	2.38E-08	0.00E+00	5.46E-10	8.82E-07	0.00E+00	0.00E+00	2.93E-05
3679	ALL	462718.7	3773345	NonCancer	0.00E+00	7.72E-09	0.00E+00	5.45E-10	5.45E-10	2.57E-07	2.94E-05	0.00E+00	2.38E-08	0.00E+00	5.45E-10	8.81E-07	0.00E+00	0.00E+00	2.94E-05
3680	ALL	462715.1	3773336	NonCancer	0.00E+00	7.70E-09	0.00E+00	5.44E-10	5.44E-10	2.57E-07	2.94E-05	0.00E+00	2.37E-08	0.00E+00	5.44E-10	8.79E-07	0.00E+00	0.00E+00	2.94E-05
3681	ALL	462711.4	3773328	NonCancer	0.00E+00	7.68E-09	0.00E+00	5.43E-10	5.43E-10	2.56E-07	2.94E-05	0.00E+00	2.36E-08	0.00E+00	5.43E-10	8.76E-07	0.00E+00	0.00E+00	2.94E-05
3682	ALL	462707.8	3773319	NonCancer	0.00E+00	7.65E-09	0.00E+00	5.41E-10	5.41E-10	2.55E-07	2.94E-05	0.00E+00	2.36E-08	0.00E+00	5.41E-10	8.73E-07	0.00E+00	0.00E+00	2.94E-05
3683	ALL	462704.2	3773310	NonCancer	0.00E+00	7.62E-09	0.00E+00	5.38E-10	5.38E-10	2.54E-07	2.94E-05	0.00E+00	2.34E-08	0.00E+00	5.38E-10	8.69E-07	0.00E+00	0.00E+00	2.94E-05
3684	ALL	462700.6	3773302	NonCancer	0.00E+00	7.58E-09	0.00E+00	5.36E-10	5.36E-10	2.53E-07	2.93E-05	0.00E+00	2.33E-08	0.00E+00	5.36E-10	8.65E-07	0.00E+00	0.00E+00	2.93E-05
3685	ALL	462697	3773293	NonCancer	0.00E+00	7.53E-09	0.00E+00	5.32E-10	5.32E-10	2.51E-07	2.92E-05	0.00E+00	2.32E-08	0.00E+00	5.32E-10	8.60E-07	0.00E+00	0.00E+00	2.92E-05
3686	ALL	462693.4	3773285	NonCancer	0.00E+00	7.48E-09	0.00E+00	5.29E-10	5.29E-10	2.49E-07	2.91E-05	0.00E+00	2.30E-08	0.00E+00	5.29E-10	8.54E-07	0.00E+00	0.00E+00	2.91E-05
3687	ALL	462917.5	3773508	NonCancer	0.00E+00	9.77E-09	0.00E+00	6.91E-10	6.91E-10	3.26E-07	3.31E-05	0.00E+00	3.01E-08	0.00E+00	6.91E-10	1.12E-06	0.00E+00	0.00E+00	3.31E-05
3688	ALL	462908.8	3773504	NonCancer	0.00E+00	9.65E-09	0.00E+00	6.82E-10	6.82E-10	3.22E-07	3.28E-05	0.00E+00	2.97E-08	0.00E+00	6.82E-10	1.10E-06	0.00E+00	0.00E+00	3.28E-05
3689	ALL	462900.2	3773501	NonCancer	0.00E+00	9.56E-09	0.00E+00	6.76E-10	6.76E-10	3.19E-07	3.27E-05	0.00E+00	2.94E-08	0.00E+00	6.76E-10	1.09E-06	0.00E+00	0.00E+00	3.27E-05
3690	ALL	462891.5	3773497	NonCancer	0.00E+00	9.47E-09	0.00E+00	6.69E-10	6.69E-10	3.16E-07	3.25E-05	0.00E+00	2.91E-08	0.00E+00	6.69E-10	1.08E-06	0.00E+00	0.00E+00	3.25E-05
3691	ALL	462882.9	3773494	NonCancer	0.00E+00	9.37E-09	0.00E+00	6.62E-10	6.62E-10	3.12E-07	3.23E-05	0.00E+00	2.88E-08	0.00E+00	6.62E-10	1.07E-06	0.00E+00	0.00E+00	3.23E-05
3692	ALL	462874.2	3773490	NonCancer	0.00E+00	9.26E-09	0.00E+00	6.54E-10	6.54E-10	3.09E-07	3.21E-05	0.00E+00	2.85E-08	0.00E+00	6.54E-10	1.06E-06	0.00E+00	0.00E+00	3.21E-05
3693	ALL	462796.4	3773458	NonCancer	0.00E+00	8.08E-09	0.00E+00	5.71E-10	5.71E-10	2.69E-07	2.88E-05	0.00E+00	2.49E-08	0.00E+00	5.71E-10	9.22E-07	0.00E+00	0.00E+00	2.88E-05
3694	ALL	462787.8	3773454	NonCancer	0.00E+00	7.93E-09	0.00E+00	5.60E-10	5.60E-10	2.64E-07	2.83E-05	0.00E+00	2.44E-08	0.00E+00	5.60E-10	9.05E-07	0.00E+00	0.00E+00	2.83E-05
3695	ALL	462779.1	3773451	NonCancer	0.00E+00	7.78E-09	0.00E+00	5.50E-10	5.50E-10	2.59E-07	2.78E-05	0.00E+00	2.40E-08	0.00E+00	5.50E-10	8.88E-07	0.00E+00	0.00E+00	2.78E-05
3696	ALL	462770.5	3773447	NonCancer	0.00E+00	7.63E-09	0.00E+00	5.39E-10	5.39E-10	2.55E-07	2.73E-05	0.00E+00	2.35E-08	0.00E+00	5.39E-10	8.71E-07	0.00E+00	0.00E+00	2.73E-05
3697	ALL	462761.8	3773444	NonCancer	0.00E+00	7.49E-09	0.00E+00	5.30E-10	5.30E-10	2.50E-07	2.69E-05	0.00E+00	2.31E-08	0.00E+00	5.30E-10	8.55E-07	0.00E+00	0.00E+00	2.69E-05
3698	ALL	462753.2	3773440	NonCancer	0.00E+00	7.36E-09	0.00E+00	5.20E-10	5.20E-10	2.45E-07	2.68E-05	0.00E+00	2.26E-08	0.00E+00	5.20E-10	8.40E-07	0.00E+00	0.00E+00	2.68E-05
3699	ALL	462744.6	3773437	NonCancer	0.00E+00	7.22E-09	0.00E+00	5.10E-10	5.10E-10	2.41E-07	2.63E-05	0.00E+00	2.22E-08	0.00E+00	5.10E-10	8.24E-07	0.00E+00	0.00E+00	2.63E-05
3700	ALL	462735.3	3773432	NonCancer	0.00E+00	7.09E-09	0.00E+00	5.01E-10	5.01E-10	2.36E-07	2.59E-05	0.00E+00	2.18E-08	0.00E+00	5.01E-10	8.09E-07	0.00E+00	0.00E+00	2.59E-05
3701	ALL	462731.7	3773423	NonCancer	0.00E+00	7.12E-09	0.00E+00	5.03E-10	5.03E-10	2.37E-07	2.61E-05	0.00E+00	2.19E-08	0.00E+00	5.03E-10	8.12E-07	0.00E+00	0.00E+00	2.61E-05
3702	ALL	462728	3773414	NonCancer	0.00E+00	7.14E-09	0.00E+00	5.05E-10	5.05E-10	2.38E-07	2.63E-05	0.00E+00	2.20E-08	0.00E+00	5.05E-10	8.15E-07	0.00E+00	0.00E+00	2.63E-05
3703	ALL	462724.4	3773406	NonCancer	0.00E+00	7.16E-09	0.00E+00	5.06E-10	5.06E-10	2.39E-07	2.65E-05	0.00E+00	2.20E-08	0.00E+00	5.06E-10	8.17E-07	0.00E+00	0.00E+00	2.65E-05
3704	ALL	462720.8	3773397	NonCancer	0.00E+00	7.17E-09	0.00E+00	5.07E-10	5.07E-10	2.39E-07	2.66E-05	0.00E+00	2.21E-08	0.00E+00	5.07E-10	8.19E-07	0.00E+00	0.00E+00	2.66E-05
3705	ALL	462717.1	3773389	NonCancer	0.00E+00	7.18E-09	0.00E+00	5.07E-10	5.07E-10	2.40E-07	2.67E-05	0.00E+00	2.21E-08	0.00E+00	5.07E-10	8.20E-07	0.00E+00	0.00E+00	2.67E-05
3706	ALL	462713.5	3773380	NonCancer	0.00E+00	7.19E-09	0.00E+00	5.08E-10	5.08E-10	2.40E-07	2.69E-05	0.00E+00	2.21E-08	0.00E+00	5.08E-10	8.21E-07	0.00E+00	0.00E+00	2.69E-05
3707	ALL	462709.8	3773371	NonCancer	0.00E+00	7.19E-09	0.00E+00	5.08E-10	5.08E-10	2.40E-07	2.70E-05	0.00E+00	2.22E-08	0.00E+00	5.08E-10	8.21E-07	0.00E+00	0.00E+00	2.70E-05
3708	ALL	462706.2	3773363	NonCancer	0.00E+00	7.19E-09	0.00E+00	5.08E-10	5.08E-10	2.40E-07	2.71E-05	0.00E+00	2.21E-08	0.00E+00	5.08E-10	8.21E-07	0.00E+00	0.00E+00	2.71E-05
3709	ALL	462702.6	3773354	NonCancer	0.00E+00	7.19E-09	0.00E+00	5.08E-10	5.08E-10	2.40E-07	2.71E-05	0.00E+00	2.21E-08	0.00E+00	5.08E-10	8.20E-07	0.00E+00	0.00E+00	2.71E-05
3710	ALL	462698.9	3773346	NonCancer	0.00E+00	7.17E-09	0.00E+00	5.07E-10	5.07E-10	2.39E-07	2.72E-05	0.00E+00	2.21E-08	0.00E+00	5.07E-10	8.18E-07	0.00E+00	0.00E+00	2.72E-05
3711	ALL	462695.3	3773337	NonCancer	0.00E+00	7.15E-09	0.00E+00	5.05E-10	5.05E-10	2.38E-07	2.71E-05	0.00E+00	2.20E-08	0.00E+00	5.05E-10	8.16E-07	0.00E+00	0.00E+00	2.71E-05
3712	ALL	462691.7	3773328	NonCancer	0.00E+00	7.12E-09	0.00E+00	5.03E-10	5.03E-10	2.38E-07	2.71E-05	0.00E+00	2.19E-08	0.00E+00	5.03E-10	8.13E-07	0.00E+00	0.00E+00	2.71E-05
3713	ALL	462688	3773320	NonCancer	0.00E+00	7.10E-09	0.00E+00	5.01E-10	5.01E-10	2.37E-07	2.71E-05	0.00E+00	2.18E-08	0.00E+00	5.01E-10	8.10E-07	0.00E+00	0.00E+00	2.71E-05
3714	ALL	462684.4	3773311	NonCancer	0.00E+00	7.06E-09	0.00E+00	4.99E-10	4.99E-10	2.36E-07	2.71E-05	0.00E+00	2.17E-08	0.00E+00	4.99E-10	8.06E-07	0.00E+00	0.00E+00	2.71E-05
3715	ALL	462680.7	3773302	NonCancer	0.00E+00	7.03E-09	0.00E+00	4.97E-10	4.97E-10	2.34E-07	2.70E-05	0.00E+00	2.16E-08	0.00E+00	4.97E-10	8.02E-07	0.00E+00	0.00E+00	2.70E-05
3716	ALL	462677.1	3773294	NonCancer	0.00E+00	6.99E-09	0.00E+00	4.94E-10	4.94E-10	2.33E-07	2.69E-05	0.00E+00	2.15E-08	0.00E+00	4.94E-10	7.97E-07	0.00E+00	0.00E+00	2.69E-05
3717	ALL	462673.5	3773285	NonCancer	0.00E+00	6.94E-09	0.00E+00	4.90E-10	4.90E-10	2.31E-07	2.67E-05	0.00E+00	2.14E-08	0.00E+00	4.90E-10	7.92E-07	0.00E+00	0.00E+00	2.67E-05
3718	ALL	462917.5	3773528	NonCancer	0.00E+00	9.19E-09	0.00E+00	6.50E-10	6.50E-10	3.07E-07	3.08E-05	0.00E+00	2.83E-08	0.00E+00	6.50E-10	1.05E-06	0.00E+00	0.00E+00	3.08E-05
3719	ALL	462908.8	3773524	NonCancer	0.00E+00	9.09E-09	0.00E+00	6.43E-10	6.43E-10	3.03E-07	3.06E-05	0.00E+00	2.80E-08	0.00E+00	6.43E-10	1.04E-06	0.00E+00	0.00E+00	3.06E-05
3720	ALL	462900.2	3773521	NonCancer	0.00E+00	9.00E-09	0.00E+00	6.36E-10	6.36E-10	3.00E-07	3.04E-05	0.00E+00	2.77E-08	0.00E+00	6.36E-10	1.03E-06	0.00E+00	0.00E+00	3.04E-05
3721	ALL	462891.6	3773517	NonCancer	0.00E+00	8.90E-09	0.00E+00	6.29E-10	6.29E-10	2.97E-07	3.02E-05	0.00E+00	2.74E-08	0.00E+00	6.29E-10	1.02E-06	0.00E+00	0.00E+00	3.02E-05
3722	ALL	462883	3773514	NonCancer	0.00E+00	8.80E-09	0.00E+00	6.22E-10	6.22E-10	2.94E-07	3.00E-05	0.00E+00	2.71E-08	0.00E+00	6.22E-10	1.00E-06	0.00E+00	0.00E+00	3.00E-05
3723	ALL	462874.3	3773510	NonCancer	0.00E+00	8.70E-09	0.00E+00	6.15E-10	6.15E-10	2.90E-07	2.97E-05	0.00E+00	2.68E-08	0.00E+00	6.15E-10	9.93E-07	0.00E+00	0.00E+00	2.97E-05
3724	ALL	462865.7	3773506	NonCancer	0.00E+00	8.59E-09	0.00E+00	6.07E-10	6.07E-10	2.86E-07	2.95E-05	0.00E+00	2.64E-08	0.00E+00	6.07E-10	9.80E-07	0.00E+00	0.00E+00	2.95E-05

3725	ALL	462857.1	3773503	NonCancer	0.00E+00	8.49E-09	0.00E+00	6.00E-10	6.00E-10	2.83E-07	2.92E-05	0.00E+00	2.61E-08	0.00E+00	6.00E-10	9.69E-07	0.00E+00	0.00E+00	2.92E-05
3726	ALL	462848.4	3773499	NonCancer	0.00E+00	8.39E-09	0.00E+00	5.93E-10	5.93E-10	2.80E-07	2.90E-05	0.00E+00	2.58E-08	0.00E+00	5.93E-10	9.58E-07	0.00E+00	0.00E+00	2.90E-05
3727	ALL	462839.8	3773496	NonCancer	0.00E+00	8.29E-09	0.00E+00	5.86E-10	5.86E-10	2.76E-07	2.87E-05	0.00E+00	2.55E-08	0.00E+00	5.86E-10	9.46E-07	0.00E+00	0.00E+00	2.87E-05
3728	ALL	462831.2	3773492	NonCancer	0.00E+00	8.18E-09	0.00E+00	5.78E-10	5.78E-10	2.73E-07	2.85E-05	0.00E+00	2.52E-08	0.00E+00	5.78E-10	9.34E-07	0.00E+00	0.00E+00	2.85E-05
3729	ALL	462822.5	3773489	NonCancer	0.00E+00	8.07E-09	0.00E+00	5.70E-10	5.70E-10	2.69E-07	2.82E-05	0.00E+00	2.48E-08	0.00E+00	5.70E-10	9.21E-07	0.00E+00	0.00E+00	2.82E-05
3730	ALL	462753.5	3773460	NonCancer	0.00E+00	7.04E-09	0.00E+00	4.97E-10	4.97E-10	2.35E-07	2.50E-05	0.00E+00	2.17E-08	0.00E+00	4.97E-10	8.03E-07	0.00E+00	0.00E+00	2.50E-05
3731	ALL	462744.8	3773457	NonCancer	0.00E+00	6.92E-09	0.00E+00	4.89E-10	4.89E-10	2.31E-07	2.46E-05	0.00E+00	2.13E-08	0.00E+00	4.89E-10	7.89E-07	0.00E+00	0.00E+00	2.46E-05
3732	ALL	462736.2	3773453	NonCancer	0.00E+00	6.80E-09	0.00E+00	4.80E-10	4.80E-10	2.27E-07	2.42E-05	0.00E+00	2.09E-08	0.00E+00	4.80E-10	7.76E-07	0.00E+00	0.00E+00	2.42E-05
3733	ALL	462727.6	3773450	NonCancer	0.00E+00	6.68E-09	0.00E+00	4.72E-10	4.72E-10	2.23E-07	2.38E-05	0.00E+00	2.06E-08	0.00E+00	4.72E-10	7.62E-07	0.00E+00	0.00E+00	2.38E-05
3734	ALL	462720	3773443	NonCancer	0.00E+00	6.62E-09	0.00E+00	4.68E-10	4.68E-10	2.21E-07	2.37E-05	0.00E+00	2.04E-08	0.00E+00	4.68E-10	7.55E-07	0.00E+00	0.00E+00	2.37E-05
3735	ALL	462716.4	3773434	NonCancer	0.00E+00	6.65E-09	0.00E+00	4.70E-10	4.70E-10	2.22E-07	2.42E-05	0.00E+00	2.05E-08	0.00E+00	4.70E-10	7.60E-07	0.00E+00	0.00E+00	2.42E-05
3736	ALL	462712.8	3773426	NonCancer	0.00E+00	6.68E-09	0.00E+00	4.72E-10	4.72E-10	2.23E-07	2.44E-05	0.00E+00	2.06E-08	0.00E+00	4.72E-10	7.63E-07	0.00E+00	0.00E+00	2.44E-05
3737	ALL	462709.1	3773417	NonCancer	0.00E+00	6.70E-09	0.00E+00	4.74E-10	4.74E-10	2.23E-07	2.46E-05	0.00E+00	2.06E-08	0.00E+00	4.74E-10	7.65E-07	0.00E+00	0.00E+00	2.46E-05
3738	ALL	462705.5	3773409	NonCancer	0.00E+00	6.71E-09	0.00E+00	4.74E-10	4.74E-10	2.24E-07	2.47E-05	0.00E+00	2.07E-08	0.00E+00	4.74E-10	7.66E-07	0.00E+00	0.00E+00	2.47E-05
3739	ALL	462701.9	3773400	NonCancer	0.00E+00	6.72E-09	0.00E+00	4.75E-10	4.75E-10	2.24E-07	2.48E-05	0.00E+00	2.07E-08	0.00E+00	4.75E-10	7.67E-07	0.00E+00	0.00E+00	2.48E-05
3740	ALL	462698.2	3773391	NonCancer	0.00E+00	6.72E-09	0.00E+00	4.75E-10	4.75E-10	2.24E-07	2.49E-05	0.00E+00	2.07E-08	0.00E+00	4.75E-10	7.67E-07	0.00E+00	0.00E+00	2.49E-05
3741	ALL	462694.6	3773383	NonCancer	0.00E+00	6.72E-09	0.00E+00	4.75E-10	4.75E-10	2.24E-07	2.50E-05	0.00E+00	2.07E-08	0.00E+00	4.75E-10	7.67E-07	0.00E+00	0.00E+00	2.50E-05
3742	ALL	462691	3773374	NonCancer	0.00E+00	6.72E-09	0.00E+00	4.75E-10	4.75E-10	2.24E-07	2.51E-05	0.00E+00	2.07E-08	0.00E+00	4.75E-10	7.67E-07	0.00E+00	0.00E+00	2.51E-05
3743	ALL	462687.3	3773366	NonCancer	0.00E+00	6.72E-09	0.00E+00	4.75E-10	4.75E-10	2.24E-07	2.52E-05	0.00E+00	2.07E-08	0.00E+00	4.75E-10	7.67E-07	0.00E+00	0.00E+00	2.52E-05
3744	ALL	462683.7	3773357	NonCancer	0.00E+00	6.71E-09	0.00E+00	4.74E-10	4.74E-10	2.24E-07	2.52E-05	0.00E+00	2.07E-08	0.00E+00	4.74E-10	7.66E-07	0.00E+00	0.00E+00	2.52E-05
3745	ALL	462680.1	3773348	NonCancer	0.00E+00	6.69E-09	0.00E+00	4.73E-10	4.73E-10	2.23E-07	2.52E-05	0.00E+00	2.06E-08	0.00E+00	4.73E-10	7.64E-07	0.00E+00	0.00E+00	2.52E-05
3746	ALL	462676.4	3773340	NonCancer	0.00E+00	6.67E-09	0.00E+00	4.71E-10	4.71E-10	2.22E-07	2.52E-05	0.00E+00	2.05E-08	0.00E+00	4.71E-10	7.62E-07	0.00E+00	0.00E+00	2.52E-05
3747	ALL	462672.8	3773331	NonCancer	0.00E+00	6.65E-09	0.00E+00	4.70E-10	4.70E-10	2.22E-07	2.51E-05	0.00E+00	2.05E-08	0.00E+00	4.70E-10	7.59E-07	0.00E+00	0.00E+00	2.51E-05
3748	ALL	462669.2	3773323	NonCancer	0.00E+00	6.62E-09	0.00E+00	4.68E-10	4.68E-10	2.21E-07	2.51E-05	0.00E+00	2.04E-08	0.00E+00	4.68E-10	7.55E-07	0.00E+00	0.00E+00	2.51E-05
3749	ALL	462665.6	3773314	NonCancer	0.00E+00	6.59E-09	0.00E+00	4.65E-10	4.65E-10	2.20E-07	2.50E-05	0.00E+00	2.03E-08	0.00E+00	4.65E-10	7.52E-07	0.00E+00	0.00E+00	2.50E-05
3750	ALL	462661.9	3773305	NonCancer	0.00E+00	6.55E-09	0.00E+00	4.63E-10	4.63E-10	2.18E-07	2.50E-05	0.00E+00	2.02E-08	0.00E+00	4.63E-10	7.48E-07	0.00E+00	0.00E+00	2.50E-05
3751	ALL	462658.3	3773297	NonCancer	0.00E+00	6.51E-09	0.00E+00	4.60E-10	4.60E-10	2.17E-07	2.49E-05	0.00E+00	2.00E-08	0.00E+00	4.60E-10	7.43E-07	0.00E+00	0.00E+00	2.49E-05
3752	ALL	462654.7	3773288	NonCancer	0.00E+00	6.46E-09	0.00E+00	4.57E-10	4.57E-10	2.16E-07	2.47E-05	0.00E+00	1.99E-08	0.00E+00	4.57E-10	7.38E-07	0.00E+00	0.00E+00	2.47E-05
3753	ALL	462917.5	3773548	NonCancer	0.00E+00	8.62E-09	0.00E+00	6.09E-10	6.09E-10	2.88E-07	2.86E-05	0.00E+00	2.65E-08	0.00E+00	6.09E-10	9.84E-07	0.00E+00	0.00E+00	2.86E-05
3754	ALL	462908.9	3773544	NonCancer	0.00E+00	8.57E-09	0.00E+00	6.05E-10	6.05E-10	2.86E-07	2.86E-05	0.00E+00	2.64E-08	0.00E+00	6.05E-10	9.78E-07	0.00E+00	0.00E+00	2.86E-05
3755	ALL	462900.2	3773541	NonCancer	0.00E+00	8.50E-09	0.00E+00	6.01E-10	6.01E-10	2.84E-07	2.85E-05	0.00E+00	2.62E-08	0.00E+00	6.01E-10	9.70E-07	0.00E+00	0.00E+00	2.85E-05
3756	ALL	462891.6	3773537	NonCancer	0.00E+00	8.43E-09	0.00E+00	5.96E-10	5.96E-10	2.81E-07	2.83E-05	0.00E+00	2.60E-08	0.00E+00	5.96E-10	9.63E-07	0.00E+00	0.00E+00	2.83E-05
3757	ALL	462883	3773534	NonCancer	0.00E+00	8.35E-09	0.00E+00	5.90E-10	5.90E-10	2.78E-07	2.82E-05	0.00E+00	2.57E-08	0.00E+00	5.90E-10	9.53E-07	0.00E+00	0.00E+00	2.82E-05
3758	ALL	462874.4	3773530	NonCancer	0.00E+00	8.25E-09	0.00E+00	5.83E-10	5.83E-10	2.75E-07	2.79E-05	0.00E+00	2.54E-08	0.00E+00	5.83E-10	9.42E-07	0.00E+00	0.00E+00	2.79E-05
3759	ALL	462865.8	3773527	NonCancer	0.00E+00	8.16E-09	0.00E+00	5.76E-10	5.76E-10	2.72E-07	2.77E-05	0.00E+00	2.51E-08	0.00E+00	5.76E-10	9.31E-07	0.00E+00	0.00E+00	2.77E-05
3760	ALL	462857.1	3773523	NonCancer	0.00E+00	8.06E-09	0.00E+00	5.70E-10	5.70E-10	2.69E-07	2.75E-05	0.00E+00	2.48E-08	0.00E+00	5.70E-10	9.20E-07	0.00E+00	0.00E+00	2.75E-05
3761	ALL	462848.5	3773519	NonCancer	0.00E+00	7.96E-09	0.00E+00	5.62E-10	5.62E-10	2.65E-07	2.72E-05	0.00E+00	2.45E-08	0.00E+00	5.62E-10	9.08E-07	0.00E+00	0.00E+00	2.72E-05
3762	ALL	462839.9	3773516	NonCancer	0.00E+00	7.84E-09	0.00E+00	5.54E-10	5.54E-10	2.61E-07	2.69E-05	0.00E+00	2.41E-08	0.00E+00	5.54E-10	8.95E-07	0.00E+00	0.00E+00	2.69E-05
3763	ALL	462831.3	3773512	NonCancer	0.00E+00	7.73E-09	0.00E+00	5.46E-10	5.46E-10	2.58E-07	2.66E-05	0.00E+00	2.38E-08	0.00E+00	5.46E-10	8.82E-07	0.00E+00	0.00E+00	2.66E-05
3764	ALL	462822.7	3773509	NonCancer	0.00E+00	7.63E-09	0.00E+00	5.39E-10	5.39E-10	2.54E-07	2.63E-05	0.00E+00	2.35E-08	0.00E+00	5.39E-10	8.71E-07	0.00E+00	0.00E+00	2.63E-05
3765	ALL	462814.1	3773505	NonCancer	0.00E+00	7.54E-09	0.00E+00	5.33E-10	5.33E-10	2.51E-07	2.60E-05	0.00E+00	2.32E-08	0.00E+00	5.33E-10	8.60E-07	0.00E+00	0.00E+00	2.60E-05
3766	ALL	462805.4	3773502	NonCancer	0.00E+00	7.44E-09	0.00E+00	5.25E-10	5.25E-10	2.48E-07	2.58E-05	0.00E+00	2.29E-08	0.00E+00	5.25E-10	8.49E-07	0.00E+00	0.00E+00	2.58E-05
3767	ALL	462796.8	3773498	NonCancer	0.00E+00	7.33E-09	0.00E+00	5.18E-10	5.18E-10	2.45E-07	2.55E-05	0.00E+00	2.26E-08	0.00E+00	5.18E-10	8.37E-07	0.00E+00	0.00E+00	2.55E-05
3768	ALL	462788.2	3773495	NonCancer	0.00E+00	7.23E-09	0.00E+00	5.11E-10	5.11E-10	2.41E-07	2.52E-05	0.00E+00	2.23E-08	0.00E+00	5.11E-10	8.25E-07	0.00E+00	0.00E+00	2.52E-05
3769	ALL	462779.6	3773491	NonCancer	0.00E+00	7.11E-09	0.00E+00	5.03E-10	5.03E-10	2.37E-07	2.48E-05	0.00E+00	2.19E-08	0.00E+00	5.03E-10	8.12E-07	0.00E+00	0.00E+00	2.48E-05
3770	ALL	462771	3773488	NonCancer	0.00E+00	6.99E-09	0.00E+00	4.94E-10	4.94E-10	2.33E-07	2.44E-05	0.00E+00	2.15E-08	0.00E+00	4.94E-10	7.98E-07	0.00E+00	0.00E+00	2.44E-05
3771	ALL	462704.7	3773454	NonCancer	0.00E+00	6.20E-09	0.00E+00	4.38E-10	4.38E-10	2.07E-07	2.20E-05	0.00E+00	1.91E-08	0.00E+00	4.38E-10	7.07E-07	0.00E+00	0.00E+00	2.20E-05
3772	ALL	462701.1	3773446	NonCancer	0.00E+00	6.23E-09	0.00E+00	4.40E-10	4.40E-10	2.08E-07	2.23E-05	0.00E+00	1.92E-08	0.00E+00	4.40E-10	7.11E-07	0.00E+00	0.00E+00	2.23E-05
3773	ALL	462697.5	3773437	NonCancer	0.00E+00	6.26E-09	0.00E+00	4.42E-10	4.42E-10	2.09E-07	2.27E-05	0.00E+00	1.93E-08	0.00E+00	4.42E-10	7.15E-07	0.00E+00	0.00E+00	2.27E-05
3774	ALL	462693.9	3773429	NonCancer	0.00E+00	6.28E-09	0.00E+00	4.44E-10	4.44E-10	2.09E-07	2.29E-05	0.00E+00	1.93E-08	0.00E+00	4.44E-10	7.17E-07	0.00E+00	0.00E+00	2.29E-05
3775	ALL	462690.2	3773420	NonCancer	0.00E+00	6.30E-09	0.00E+00	4.45E-10	4.45E-10	2.10E-07	2.30E-05	0.00E+00	1.94E-08	0.00E+00	4.45E-10	7.19E-07	0.00E+00	0.00E+00	2.30E-05
3776	ALL	462686.6	3773411	NonCancer	0.00E+00	6.30E-09	0.00E+00	4.45E-10	4.45E-10	2.10E-07	2.31E-05	0.00E+00	1.94E-08	0.00E+00	4.45E-10	7.19E-07	0.00E+00	0.00E+00	2.31E-05
3777	ALL	462683	3773403	NonCancer	0.00E+00	6.30E-09	0.00E+00	4.45E-10	4.45E-10	2.10E-07	2.32E-05	0.00E+00	1.94E-08	0.00E+00	4.45E-10	7.20E-07	0.00E+00	0.00E+00	2.32E-05
3778	ALL	462679.4	3773394	NonCancer	0.00E+00	6.31E-09	0.00E+00	4.46E-10	4.46E-10	2.10E-07	2.33E-05	0.00E+00	1.94E-08	0.00E+00	4.46E-10	7.20E-07	0.00E+00	0.00E+00	2.33E-05

3779	ALL	462675.7	3773386	NonCancer	0.00E+00	6.31E-09	0.00E+00	4.46E-10	4.46E-10	2.10E-07	2.33E-05	0.00E+00	1.94E-08	0.00E+00	4.46E-10	7.20E-07	0.00E+00	0.00E+00	2.33E-05
3780	ALL	462672.1	3773377	NonCancer	0.00E+00	6.30E-09	0.00E+00	4.45E-10	4.45E-10	2.10E-07	2.34E-05	0.00E+00	1.94E-08	0.00E+00	4.45E-10	7.19E-07	0.00E+00	0.00E+00	2.34E-05
3781	ALL	462668.5	3773368	NonCancer	0.00E+00	6.30E-09	0.00E+00	4.45E-10	4.45E-10	2.10E-07	2.34E-05	0.00E+00	1.94E-08	0.00E+00	4.45E-10	7.19E-07	0.00E+00	0.00E+00	2.34E-05
3782	ALL	462664.9	3773360	NonCancer	0.00E+00	6.28E-09	0.00E+00	4.44E-10	4.44E-10	2.10E-07	2.35E-05	0.00E+00	1.93E-08	0.00E+00	4.44E-10	7.17E-07	0.00E+00	0.00E+00	2.35E-05
3783	ALL	462661.2	3773351	NonCancer	0.00E+00	6.27E-09	0.00E+00	4.43E-10	4.43E-10	2.09E-07	2.34E-05	0.00E+00	1.93E-08	0.00E+00	4.43E-10	7.15E-07	0.00E+00	0.00E+00	2.34E-05
3784	ALL	462657.6	3773343	NonCancer	0.00E+00	6.24E-09	0.00E+00	4.41E-10	4.41E-10	2.08E-07	2.34E-05	0.00E+00	1.92E-08	0.00E+00	4.41E-10	7.13E-07	0.00E+00	0.00E+00	2.34E-05
3785	ALL	462654	3773334	NonCancer	0.00E+00	6.22E-09	0.00E+00	4.39E-10	4.39E-10	2.07E-07	2.34E-05	0.00E+00	1.91E-08	0.00E+00	4.39E-10	7.10E-07	0.00E+00	0.00E+00	2.34E-05
3786	ALL	462650.3	3773326	NonCancer	0.00E+00	6.19E-09	0.00E+00	4.38E-10	4.38E-10	2.07E-07	2.33E-05	0.00E+00	1.91E-08	0.00E+00	4.38E-10	7.07E-07	0.00E+00	0.00E+00	2.33E-05
3787	ALL	462646.7	3773317	NonCancer	0.00E+00	6.16E-09	0.00E+00	4.35E-10	4.35E-10	2.05E-07	2.33E-05	0.00E+00	1.90E-08	0.00E+00	4.35E-10	7.03E-07	0.00E+00	0.00E+00	2.33E-05
3788	ALL	462643.1	3773308	NonCancer	0.00E+00	6.13E-09	0.00E+00	4.33E-10	4.33E-10	2.04E-07	2.32E-05	0.00E+00	1.89E-08	0.00E+00	4.33E-10	6.99E-07	0.00E+00	0.00E+00	2.32E-05
3789	ALL	462639.5	3773300	NonCancer	0.00E+00	6.09E-09	0.00E+00	4.30E-10	4.30E-10	2.03E-07	2.30E-05	0.00E+00	1.87E-08	0.00E+00	4.30E-10	6.95E-07	0.00E+00	0.00E+00	2.30E-05
3790	ALL	462635.8	3773291	NonCancer	0.00E+00	6.04E-09	0.00E+00	4.27E-10	4.27E-10	2.02E-07	2.29E-05	0.00E+00	1.86E-08	0.00E+00	4.27E-10	6.90E-07	0.00E+00	0.00E+00	2.29E-05
3791	ALL	462917.5	3773578	NonCancer	0.00E+00	7.90E-09	0.00E+00	5.58E-10	5.58E-10	2.63E-07	2.58E-05	0.00E+00	2.43E-08	0.00E+00	5.58E-10	9.01E-07	0.00E+00	0.00E+00	2.58E-05
3792	ALL	462908.9	3773574	NonCancer	0.00E+00	7.82E-09	0.00E+00	5.53E-10	5.53E-10	2.61E-07	2.57E-05	0.00E+00	2.41E-08	0.00E+00	5.53E-10	8.93E-07	0.00E+00	0.00E+00	2.57E-05
3793	ALL	462900.3	3773571	NonCancer	0.00E+00	7.75E-09	0.00E+00	5.47E-10	5.47E-10	2.58E-07	2.55E-05	0.00E+00	2.38E-08	0.00E+00	5.47E-10	8.84E-07	0.00E+00	0.00E+00	2.55E-05
3794	ALL	462891.7	3773567	NonCancer	0.00E+00	7.67E-09	0.00E+00	5.42E-10	5.42E-10	2.56E-07	2.54E-05	0.00E+00	2.36E-08	0.00E+00	5.42E-10	8.75E-07	0.00E+00	0.00E+00	2.54E-05
3795	ALL	462883.1	3773564	NonCancer	0.00E+00	7.60E-09	0.00E+00	5.37E-10	5.37E-10	2.54E-07	2.52E-05	0.00E+00	2.34E-08	0.00E+00	5.37E-10	8.68E-07	0.00E+00	0.00E+00	2.52E-05
3796	ALL	462874.5	3773560	NonCancer	0.00E+00	7.54E-09	0.00E+00	5.33E-10	5.33E-10	2.52E-07	2.51E-05	0.00E+00	2.32E-08	0.00E+00	5.33E-10	8.61E-07	0.00E+00	0.00E+00	2.51E-05
3797	ALL	462865.9	3773557	NonCancer	0.00E+00	7.48E-09	0.00E+00	5.29E-10	5.29E-10	2.49E-07	2.50E-05	0.00E+00	2.30E-08	0.00E+00	5.29E-10	8.54E-07	0.00E+00	0.00E+00	2.50E-05
3798	ALL	462857.3	3773553	NonCancer	0.00E+00	7.41E-09	0.00E+00	5.24E-10	5.24E-10	2.47E-07	2.49E-05	0.00E+00	2.28E-08	0.00E+00	5.24E-10	8.46E-07	0.00E+00	0.00E+00	2.49E-05
3799	ALL	462848.7	3773549	NonCancer	0.00E+00	7.35E-09	0.00E+00	5.19E-10	5.19E-10	2.45E-07	2.47E-05	0.00E+00	2.26E-08	0.00E+00	5.19E-10	8.38E-07	0.00E+00	0.00E+00	2.47E-05
3800	ALL	462840.1	3773546	NonCancer	0.00E+00	7.24E-09	0.00E+00	5.12E-10	5.12E-10	2.42E-07	2.45E-05	0.00E+00	2.23E-08	0.00E+00	5.12E-10	8.27E-07	0.00E+00	0.00E+00	2.45E-05
3801	ALL	462831.5	3773542	NonCancer	0.00E+00	7.13E-09	0.00E+00	5.04E-10	5.04E-10	2.38E-07	2.41E-05	0.00E+00	2.20E-08	0.00E+00	5.04E-10	8.14E-07	0.00E+00	0.00E+00	2.41E-05
3802	ALL	462822.9	3773539	NonCancer	0.00E+00	7.01E-09	0.00E+00	4.95E-10	4.95E-10	2.34E-07	2.38E-05	0.00E+00	2.16E-08	0.00E+00	4.95E-10	8.00E-07	0.00E+00	0.00E+00	2.38E-05
3803	ALL	462814.2	3773535	NonCancer	0.00E+00	6.91E-09	0.00E+00	4.88E-10	4.88E-10	2.30E-07	2.35E-05	0.00E+00	2.13E-08	0.00E+00	4.88E-10	7.88E-07	0.00E+00	0.00E+00	2.35E-05
3804	ALL	462805.6	3773532	NonCancer	0.00E+00	6.83E-09	0.00E+00	4.83E-10	4.83E-10	2.28E-07	2.33E-05	0.00E+00	2.10E-08	0.00E+00	4.83E-10	7.80E-07	0.00E+00	0.00E+00	2.33E-05
3805	ALL	462797	3773528	NonCancer	0.00E+00	6.76E-09	0.00E+00	4.77E-10	4.77E-10	2.25E-07	2.31E-05	0.00E+00	2.08E-08	0.00E+00	4.77E-10	7.71E-07	0.00E+00	0.00E+00	2.31E-05
3806	ALL	462788.4	3773525	NonCancer	0.00E+00	6.68E-09	0.00E+00	4.72E-10	4.72E-10	2.23E-07	2.29E-05	0.00E+00	2.06E-08	0.00E+00	4.72E-10	7.62E-07	0.00E+00	0.00E+00	2.29E-05
3807	ALL	462779.8	3773521	NonCancer	0.00E+00	6.60E-09	0.00E+00	4.66E-10	4.66E-10	2.20E-07	2.27E-05	0.00E+00	2.03E-08	0.00E+00	4.66E-10	7.53E-07	0.00E+00	0.00E+00	2.27E-05
3808	ALL	462771.2	3773518	NonCancer	0.00E+00	6.52E-09	0.00E+00	4.61E-10	4.61E-10	2.17E-07	2.25E-05	0.00E+00	2.01E-08	0.00E+00	4.61E-10	7.44E-07	0.00E+00	0.00E+00	2.25E-05
3809	ALL	462762.6	3773514	NonCancer	0.00E+00	6.44E-09	0.00E+00	4.55E-10	4.55E-10	2.15E-07	2.22E-05	0.00E+00	1.98E-08	0.00E+00	4.55E-10	7.35E-07	0.00E+00	0.00E+00	2.22E-05
3810	ALL	462754	3773511	NonCancer	0.00E+00	6.36E-09	0.00E+00	4.49E-10	4.49E-10	2.12E-07	2.20E-05	0.00E+00	1.96E-08	0.00E+00	4.49E-10	7.26E-07	0.00E+00	0.00E+00	2.20E-05
3811	ALL	462745.4	3773507	NonCancer	0.00E+00	6.28E-09	0.00E+00	4.43E-10	4.43E-10	2.09E-07	2.17E-05	0.00E+00	1.93E-08	0.00E+00	4.43E-10	7.16E-07	0.00E+00	0.00E+00	2.17E-05
3812	ALL	462736.8	3773503	NonCancer	0.00E+00	6.18E-09	0.00E+00	4.37E-10	4.37E-10	2.06E-07	2.14E-05	0.00E+00	1.90E-08	0.00E+00	4.37E-10	7.05E-07	0.00E+00	0.00E+00	2.14E-05
3813	ALL	462728.2	3773500	NonCancer	0.00E+00	6.08E-09	0.00E+00	4.30E-10	4.30E-10	2.03E-07	2.11E-05	0.00E+00	1.87E-08	0.00E+00	4.30E-10	6.94E-07	0.00E+00	0.00E+00	2.11E-05
3814	ALL	462719.6	3773496	NonCancer	0.00E+00	5.98E-09	0.00E+00	4.23E-10	4.23E-10	1.99E-07	2.08E-05	0.00E+00	1.84E-08	0.00E+00	4.23E-10	6.83E-07	0.00E+00	0.00E+00	2.08E-05
3815	ALL	462711	3773493	NonCancer	0.00E+00	5.88E-09	0.00E+00	4.16E-10	4.16E-10	1.96E-07	2.05E-05	0.00E+00	1.81E-08	0.00E+00	4.16E-10	6.71E-07	0.00E+00	0.00E+00	2.05E-05
3816	ALL	462702.4	3773489	NonCancer	0.00E+00	5.78E-09	0.00E+00	4.09E-10	4.09E-10	1.93E-07	2.02E-05	0.00E+00	1.78E-08	0.00E+00	4.09E-10	6.60E-07	0.00E+00	0.00E+00	2.02E-05
3817	ALL	462674.6	3773454	NonCancer	0.00E+00	5.70E-09	0.00E+00	4.03E-10	4.03E-10	1.90E-07	2.02E-05	0.00E+00	1.76E-08	0.00E+00	4.03E-10	6.51E-07	0.00E+00	0.00E+00	2.02E-05
3818	ALL	462671	3773446	NonCancer	0.00E+00	5.73E-09	0.00E+00	4.05E-10	4.05E-10	1.91E-07	2.04E-05	0.00E+00	1.76E-08	0.00E+00	4.05E-10	6.54E-07	0.00E+00	0.00E+00	2.04E-05
3819	ALL	462667.3	3773437	NonCancer	0.00E+00	5.73E-09	0.00E+00	4.05E-10	4.05E-10	1.91E-07	2.05E-05	0.00E+00	1.77E-08	0.00E+00	4.05E-10	6.54E-07	0.00E+00	0.00E+00	2.05E-05
3820	ALL	462663.7	3773429	NonCancer	0.00E+00	5.74E-09	0.00E+00	4.05E-10	4.05E-10	1.91E-07	2.05E-05	0.00E+00	1.77E-08	0.00E+00	4.05E-10	6.55E-07	0.00E+00	0.00E+00	2.05E-05
3821	ALL	462660.1	3773420	NonCancer	0.00E+00	5.74E-09	0.00E+00	4.06E-10	4.06E-10	1.91E-07	2.06E-05	0.00E+00	1.77E-08	0.00E+00	4.06E-10	6.55E-07	0.00E+00	0.00E+00	2.06E-05
3822	ALL	462656.5	3773411	NonCancer	0.00E+00	5.75E-09	0.00E+00	4.06E-10	4.06E-10	1.92E-07	2.08E-05	0.00E+00	1.77E-08	0.00E+00	4.06E-10	6.56E-07	0.00E+00	0.00E+00	2.08E-05
3823	ALL	462652.9	3773403	NonCancer	0.00E+00	5.76E-09	0.00E+00	4.07E-10	4.07E-10	1.92E-07	2.11E-05	0.00E+00	1.77E-08	0.00E+00	4.07E-10	6.57E-07	0.00E+00	0.00E+00	2.11E-05
3824	ALL	462649.2	3773394	NonCancer	0.00E+00	5.76E-09	0.00E+00	4.07E-10	4.07E-10	1.92E-07	2.11E-05	0.00E+00	1.77E-08	0.00E+00	4.07E-10	6.57E-07	0.00E+00	0.00E+00	2.11E-05
3825	ALL	462645.6	3773386	NonCancer	0.00E+00	5.75E-09	0.00E+00	4.07E-10	4.07E-10	1.92E-07	2.12E-05	0.00E+00	1.77E-08	0.00E+00	4.07E-10	6.57E-07	0.00E+00	0.00E+00	2.12E-05
3826	ALL	462642	3773377	NonCancer	0.00E+00	5.74E-09	0.00E+00	4.06E-10	4.06E-10	1.91E-07	2.12E-05	0.00E+00	1.77E-08	0.00E+00	4.06E-10	6.55E-07	0.00E+00	0.00E+00	2.12E-05
3827	ALL	462638.4	3773369	NonCancer	0.00E+00	5.73E-09	0.00E+00	4.05E-10	4.05E-10	1.91E-07	2.12E-05	0.00E+00	1.76E-08	0.00E+00	4.05E-10	6.54E-07	0.00E+00	0.00E+00	2.12E-05
3828	ALL	462634.8	3773360	NonCancer	0.00E+00	5.71E-09	0.00E+00	4.03E-10	4.03E-10	1.90E-07	2.11E-05	0.00E+00	1.76E-08	0.00E+00	4.03E-10	6.52E-07	0.00E+00	0.00E+00	2.11E-05
3829	ALL	462631.1	3773351	NonCancer	0.00E+00	5.69E-09	0.00E+00	4.02E-10	4.02E-10	1.90E-07	2.11E-05	0.00E+00	1.75E-08	0.00E+00	4.02E-10	6.50E-07	0.00E+00	0.00E+00	2.11E-05
3830	ALL	462627.5	3773343	NonCancer	0.00E+00	5.67E-09	0.00E+00	4.01E-10	4.01E-10	1.89E-07	2.11E-05	0.00E+00	1.75E-08	0.00E+00	4.01E-10	6.48E-07	0.00E+00	0.00E+00	2.11E-05
3831	ALL	462605.8	3773291	NonCancer	0.00E+00	5.49E-09	0.00E+00	3.88E-10	3.88E-10	1.83E-07	2.06E-05	0.00E+00	1.69E-08	0.00E+00	3.88E-10	6.27E-07	0.00E+00	0.00E+00	2.06E-05
3832	ALL	462602.2	3773283	NonCancer	0.00E+00	5.45E-09	0.00E+00	3.85E-10	3.85E-10	1.82E-07	2.05E-05	0.00E+00	1.68E-08	0.00E+00	3.85E-10	6.22E-07	0.00E+00	0.00E+00	2.05E-05

3833	ALL	462598.6	3773274	NonCancer	0.00E+00	5.41E-09	0.00E+00	3.82E-10	3.82E-10	1.80E-07	2.04E-05	0.00E+00	1.66E-08	0.00E+00	3.82E-10	6.17E-07	0.00E+00	0.00E+00	2.04E-05
3834	ALL	462917.5	3773608	NonCancer	0.00E+00	7.34E-09	0.00E+00	5.19E-10	5.19E-10	2.45E-07	2.37E-05	0.00E+00	2.26E-08	0.00E+00	5.19E-10	8.38E-07	0.00E+00	0.00E+00	2.37E-05
3835	ALL	462908.8	3773604	NonCancer	0.00E+00	7.27E-09	0.00E+00	5.14E-10	5.14E-10	2.43E-07	2.36E-05	0.00E+00	2.24E-08	0.00E+00	5.14E-10	8.30E-07	0.00E+00	0.00E+00	2.36E-05
3836	ALL	462900.2	3773601	NonCancer	0.00E+00	7.22E-09	0.00E+00	5.10E-10	5.10E-10	2.41E-07	2.35E-05	0.00E+00	2.22E-08	0.00E+00	5.10E-10	8.24E-07	0.00E+00	0.00E+00	2.35E-05
3837	ALL	462891.6	3773597	NonCancer	0.00E+00	7.17E-09	0.00E+00	5.06E-10	5.06E-10	2.39E-07	2.34E-05	0.00E+00	2.21E-08	0.00E+00	5.06E-10	8.18E-07	0.00E+00	0.00E+00	2.34E-05
3838	ALL	462882.9	3773594	NonCancer	0.00E+00	7.10E-09	0.00E+00	5.02E-10	5.02E-10	2.37E-07	2.33E-05	0.00E+00	2.19E-08	0.00E+00	5.02E-10	8.10E-07	0.00E+00	0.00E+00	2.33E-05
3839	ALL	462874.3	3773590	NonCancer	0.00E+00	7.01E-09	0.00E+00	4.95E-10	4.95E-10	2.34E-07	2.30E-05	0.00E+00	2.16E-08	0.00E+00	4.95E-10	8.00E-07	0.00E+00	0.00E+00	2.30E-05
3840	ALL	462865.6	3773586	NonCancer	0.00E+00	6.91E-09	0.00E+00	4.88E-10	4.88E-10	2.30E-07	2.28E-05	0.00E+00	2.13E-08	0.00E+00	4.88E-10	7.89E-07	0.00E+00	0.00E+00	2.28E-05
3841	ALL	462857	3773583	NonCancer	0.00E+00	6.82E-09	0.00E+00	4.82E-10	4.82E-10	2.27E-07	2.25E-05	0.00E+00	2.10E-08	0.00E+00	4.82E-10	7.78E-07	0.00E+00	0.00E+00	2.25E-05
3842	ALL	462848.4	3773579	NonCancer	0.00E+00	6.74E-09	0.00E+00	4.76E-10	4.76E-10	2.25E-07	2.24E-05	0.00E+00	2.08E-08	0.00E+00	4.76E-10	7.70E-07	0.00E+00	0.00E+00	2.24E-05
3843	ALL	462839.7	3773576	NonCancer	0.00E+00	6.68E-09	0.00E+00	4.72E-10	4.72E-10	2.23E-07	2.22E-05	0.00E+00	2.06E-08	0.00E+00	4.72E-10	7.63E-07	0.00E+00	0.00E+00	2.22E-05
3844	ALL	462831.1	3773572	NonCancer	0.00E+00	6.62E-09	0.00E+00	4.68E-10	4.68E-10	2.21E-07	2.21E-05	0.00E+00	2.04E-08	0.00E+00	4.68E-10	7.56E-07	0.00E+00	0.00E+00	2.21E-05
3845	ALL	462822.5	3773569	NonCancer	0.00E+00	6.56E-09	0.00E+00	4.64E-10	4.64E-10	2.19E-07	2.20E-05	0.00E+00	2.02E-08	0.00E+00	4.64E-10	7.49E-07	0.00E+00	0.00E+00	2.20E-05
3846	ALL	462813.8	3773565	NonCancer	0.00E+00	6.49E-09	0.00E+00	4.59E-10	4.59E-10	2.16E-07	2.18E-05	0.00E+00	2.00E-08	0.00E+00	4.59E-10	7.41E-07	0.00E+00	0.00E+00	2.18E-05
3847	ALL	462805.2	3773562	NonCancer	0.00E+00	6.41E-09	0.00E+00	4.53E-10	4.53E-10	2.14E-07	2.16E-05	0.00E+00	1.97E-08	0.00E+00	4.53E-10	7.32E-07	0.00E+00	0.00E+00	2.16E-05
3848	ALL	462796.5	3773558	NonCancer	0.00E+00	6.33E-09	0.00E+00	4.47E-10	4.47E-10	2.11E-07	2.14E-05	0.00E+00	1.95E-08	0.00E+00	4.47E-10	7.22E-07	0.00E+00	0.00E+00	2.14E-05
3849	ALL	462787.9	3773554	NonCancer	0.00E+00	6.25E-09	0.00E+00	4.41E-10	4.41E-10	2.08E-07	2.11E-05	0.00E+00	1.92E-08	0.00E+00	4.41E-10	7.13E-07	0.00E+00	0.00E+00	2.11E-05
3850	ALL	462779.3	3773551	NonCancer	0.00E+00	6.16E-09	0.00E+00	4.35E-10	4.35E-10	2.06E-07	2.09E-05	0.00E+00	1.90E-08	0.00E+00	4.35E-10	7.03E-07	0.00E+00	0.00E+00	2.09E-05
3851	ALL	462770.6	3773547	NonCancer	0.00E+00	6.08E-09	0.00E+00	4.30E-10	4.30E-10	2.03E-07	2.06E-05	0.00E+00	1.87E-08	0.00E+00	4.30E-10	6.94E-07	0.00E+00	0.00E+00	2.06E-05
3852	ALL	462762	3773544	NonCancer	0.00E+00	6.00E-09	0.00E+00	4.24E-10	4.24E-10	2.00E-07	2.04E-05	0.00E+00	1.85E-08	0.00E+00	4.24E-10	6.84E-07	0.00E+00	0.00E+00	2.04E-05
3853	ALL	462753.3	3773540	NonCancer	0.00E+00	5.91E-09	0.00E+00	4.18E-10	4.18E-10	1.97E-07	2.02E-05	0.00E+00	1.82E-08	0.00E+00	4.18E-10	6.75E-07	0.00E+00	0.00E+00	2.02E-05
3854	ALL	462744.7	3773537	NonCancer	0.00E+00	5.83E-09	0.00E+00	4.12E-10	4.12E-10	1.94E-07	1.99E-05	0.00E+00	1.79E-08	0.00E+00	4.12E-10	6.65E-07	0.00E+00	0.00E+00	1.99E-05
3855	ALL	462736.1	3773533	NonCancer	0.00E+00	5.75E-09	0.00E+00	4.07E-10	4.07E-10	1.92E-07	1.97E-05	0.00E+00	1.77E-08	0.00E+00	4.07E-10	6.57E-07	0.00E+00	0.00E+00	1.97E-05
3856	ALL	462727.4	3773530	NonCancer	0.00E+00	5.68E-09	0.00E+00	4.02E-10	4.02E-10	1.89E-07	1.95E-05	0.00E+00	1.75E-08	0.00E+00	4.02E-10	6.49E-07	0.00E+00	0.00E+00	1.95E-05
3857	ALL	462718.8	3773526	NonCancer	0.00E+00	5.61E-09	0.00E+00	3.97E-10	3.97E-10	1.87E-07	1.93E-05	0.00E+00	1.73E-08	0.00E+00	3.97E-10	6.40E-07	0.00E+00	0.00E+00	1.93E-05
3858	ALL	462710.2	3773522	NonCancer	0.00E+00	5.54E-09	0.00E+00	3.92E-10	3.92E-10	1.85E-07	1.91E-05	0.00E+00	1.71E-08	0.00E+00	3.92E-10	6.32E-07	0.00E+00	0.00E+00	1.91E-05
3859	ALL	462701.5	3773519	NonCancer	0.00E+00	5.47E-09	0.00E+00	3.87E-10	3.87E-10	1.82E-07	1.89E-05	0.00E+00	1.68E-08	0.00E+00	3.87E-10	6.24E-07	0.00E+00	0.00E+00	1.89E-05
3860	ALL	462692.9	3773515	NonCancer	0.00E+00	5.40E-09	0.00E+00	3.82E-10	3.82E-10	1.80E-07	1.86E-05	0.00E+00	1.66E-08	0.00E+00	3.82E-10	6.16E-07	0.00E+00	0.00E+00	1.86E-05
3861	ALL	462684.2	3773512	NonCancer	0.00E+00	5.33E-09	0.00E+00	3.77E-10	3.77E-10	1.78E-07	1.84E-05	0.00E+00	1.64E-08	0.00E+00	3.77E-10	6.08E-07	0.00E+00	0.00E+00	1.84E-05
3862	ALL	462675.6	3773508	NonCancer	0.00E+00	5.26E-09	0.00E+00	3.72E-10	3.72E-10	1.75E-07	1.82E-05	0.00E+00	1.62E-08	0.00E+00	3.72E-10	6.00E-07	0.00E+00	0.00E+00	1.82E-05
3863	ALL	462667	3773505	NonCancer	0.00E+00	5.18E-09	0.00E+00	3.66E-10	3.66E-10	1.73E-07	1.80E-05	0.00E+00	1.59E-08	0.00E+00	3.66E-10	5.91E-07	0.00E+00	0.00E+00	1.80E-05
3864	ALL	462661.9	3773496	NonCancer	0.00E+00	5.18E-09	0.00E+00	3.66E-10	3.66E-10	1.73E-07	1.80E-05	0.00E+00	1.59E-08	0.00E+00	3.66E-10	5.91E-07	0.00E+00	0.00E+00	1.80E-05
3865	ALL	462647.4	3773461	NonCancer	0.00E+00	5.25E-09	0.00E+00	3.71E-10	3.71E-10	1.75E-07	1.85E-05	0.00E+00	1.62E-08	0.00E+00	3.71E-10	5.99E-07	0.00E+00	0.00E+00	1.85E-05
3866	ALL	462643.7	3773452	NonCancer	0.00E+00	5.27E-09	0.00E+00	3.72E-10	3.72E-10	1.76E-07	1.86E-05	0.00E+00	1.62E-08	0.00E+00	3.72E-10	6.01E-07	0.00E+00	0.00E+00	1.86E-05
3867	ALL	462640.1	3773444	NonCancer	0.00E+00	5.28E-09	0.00E+00	3.73E-10	3.73E-10	1.76E-07	1.88E-05	0.00E+00	1.63E-08	0.00E+00	3.73E-10	6.03E-07	0.00E+00	0.00E+00	1.88E-05
3868	ALL	462636.5	3773435	NonCancer	0.00E+00	5.28E-09	0.00E+00	3.73E-10	3.73E-10	1.76E-07	1.88E-05	0.00E+00	1.63E-08	0.00E+00	3.73E-10	6.03E-07	0.00E+00	0.00E+00	1.88E-05
3869	ALL	462632.8	3773427	NonCancer	0.00E+00	5.28E-09	0.00E+00	3.73E-10	3.73E-10	1.76E-07	1.88E-05	0.00E+00	1.63E-08	0.00E+00	3.73E-10	6.03E-07	0.00E+00	0.00E+00	1.88E-05
3870	ALL	462629.2	3773418	NonCancer	0.00E+00	5.28E-09	0.00E+00	3.73E-10	3.73E-10	1.76E-07	1.89E-05	0.00E+00	1.62E-08	0.00E+00	3.73E-10	6.02E-07	0.00E+00	0.00E+00	1.89E-05
3871	ALL	462607.4	3773366	NonCancer	0.00E+00	5.24E-09	0.00E+00	3.70E-10	3.70E-10	1.75E-07	1.93E-05	0.00E+00	1.61E-08	0.00E+00	3.70E-10	5.98E-07	0.00E+00	0.00E+00	1.93E-05
3872	ALL	462603.7	3773358	NonCancer	0.00E+00	5.22E-09	0.00E+00	3.69E-10	3.69E-10	1.74E-07	1.92E-05	0.00E+00	1.61E-08	0.00E+00	3.69E-10	5.96E-07	0.00E+00	0.00E+00	1.92E-05
3873	ALL	462600.1	3773349	NonCancer	0.00E+00	5.20E-09	0.00E+00	3.68E-10	3.68E-10	1.73E-07	1.92E-05	0.00E+00	1.60E-08	0.00E+00	3.68E-10	5.94E-07	0.00E+00	0.00E+00	1.92E-05
3874	ALL	462596.5	3773341	NonCancer	0.00E+00	5.18E-09	0.00E+00	3.66E-10	3.66E-10	1.73E-07	1.91E-05	0.00E+00	1.59E-08	0.00E+00	3.66E-10	5.91E-07	0.00E+00	0.00E+00	1.91E-05
3875	ALL	462592.8	3773332	NonCancer	0.00E+00	5.16E-09	0.00E+00	3.64E-10	3.64E-10	1.72E-07	1.91E-05	0.00E+00	1.59E-08	0.00E+00	3.64E-10	5.89E-07	0.00E+00	0.00E+00	1.91E-05
3876	ALL	462589.2	3773323	NonCancer	0.00E+00	5.13E-09	0.00E+00	3.62E-10	3.62E-10	1.71E-07	1.90E-05	0.00E+00	1.58E-08	0.00E+00	3.62E-10	5.85E-07	0.00E+00	0.00E+00	1.90E-05
3877	ALL	462585.6	3773315	NonCancer	0.00E+00	5.10E-09	0.00E+00	3.60E-10	3.60E-10	1.70E-07	1.89E-05	0.00E+00	1.57E-08	0.00E+00	3.60E-10	5.82E-07	0.00E+00	0.00E+00	1.89E-05
3878	ALL	462581.9	3773306	NonCancer	0.00E+00	5.07E-09	0.00E+00	3.58E-10	3.58E-10	1.69E-07	1.89E-05	0.00E+00	1.56E-08	0.00E+00	3.58E-10	5.79E-07	0.00E+00	0.00E+00	1.89E-05
3879	ALL	462578.3	3773298	NonCancer	0.00E+00	5.04E-09	0.00E+00	3.56E-10	3.56E-10	1.68E-07	1.88E-05	0.00E+00	1.55E-08	0.00E+00	3.56E-10	5.76E-07	0.00E+00	0.00E+00	1.88E-05
3880	ALL	462574.7	3773289	NonCancer	0.00E+00	5.01E-09	0.00E+00	3.54E-10	3.54E-10	1.67E-07	1.87E-05	0.00E+00	1.54E-08	0.00E+00	3.54E-10	5.72E-07	0.00E+00	0.00E+00	1.87E-05
3881	ALL	462571	3773280	NonCancer	0.00E+00	4.97E-09	0.00E+00	3.51E-10	3.51E-10	1.66E-07	1.86E-05	0.00E+00	1.53E-08	0.00E+00	3.51E-10	5.67E-07	0.00E+00	0.00E+00	1.86E-05
3882	ALL	462917.5	3773638	NonCancer	0.00E+00	6.83E-09	0.00E+00	4.82E-10	4.82E-10	2.28E-07	2.18E-05	0.00E+00	2.10E-08	0.00E+00	4.82E-10	7.79E-07	0.00E+00	0.00E+00	2.18E-05
3883	ALL	462908.9	3773634	NonCancer	0.00E+00	6.74E-09	0.00E+00	4.76E-10	4.76E-10	2.25E-07	2.15E-05	0.00E+00	2.07E-08	0.00E+00	4.76E-10	7.69E-07	0.00E+00	0.00E+00	2.15E-05
3884	ALL	462900.2	3773631	NonCancer	0.00E+00	6.67E-09	0.00E+00	4.72E-10	4.72E-10	2.23E-07	2.14E-05	0.00E+00	2.05E-08	0.00E+00	4.72E-10	7.62E-07	0.00E+00	0.00E+00	2.14E-05
3885	ALL	462891.6	3773627	NonCancer	0.00E+00	6.61E-09	0.00E+00	4.67E-10	4.67E-10	2.20E-07	2.13E-05	0.00E+00	2.03E-08	0.00E+00	4.67E-10	7.54E-07	0.00E+00	0.00E+00	2.13E-05
3886	ALL	462883	3773624	NonCancer	0.00E+00	6.55E-09	0.00E+00	4.63E-10	4.63E-10	2.19E-07	2.12E-05	0.00E+00	2.02E-08	0.00E+00	4.63E-10	7.48E-07	0.00E+00	0.00E+00	2.12E-05

3887	ALL	462874.4	3773620	NonCancer	0.00E+00	6.50E-09	0.00E+00	4.59E-10	4.59E-10	2.17E-07	2.11E-05	0.00E+00	2.00E-08	0.00E+00	4.59E-10	7.42E-07	0.00E+00	0.00E+00	2.11E-05
3888	ALL	462865.7	3773617	NonCancer	0.00E+00	6.43E-09	0.00E+00	4.55E-10	4.55E-10	2.15E-07	2.09E-05	0.00E+00	1.98E-08	0.00E+00	4.55E-10	7.34E-07	0.00E+00	0.00E+00	2.09E-05
3889	ALL	462857.1	3773613	NonCancer	0.00E+00	6.36E-09	0.00E+00	4.49E-10	4.49E-10	2.12E-07	2.07E-05	0.00E+00	1.96E-08	0.00E+00	4.49E-10	7.26E-07	0.00E+00	0.00E+00	2.07E-05
3890	ALL	462848.5	3773609	NonCancer	0.00E+00	6.28E-09	0.00E+00	4.43E-10	4.43E-10	2.09E-07	2.05E-05	0.00E+00	1.93E-08	0.00E+00	4.43E-10	7.16E-07	0.00E+00	0.00E+00	2.05E-05
3891	ALL	462839.9	3773606	NonCancer	0.00E+00	6.21E-09	0.00E+00	4.39E-10	4.39E-10	2.07E-07	2.04E-05	0.00E+00	1.91E-08	0.00E+00	4.39E-10	7.09E-07	0.00E+00	0.00E+00	2.04E-05
3892	ALL	462831.2	3773602	NonCancer	0.00E+00	6.14E-09	0.00E+00	4.34E-10	4.34E-10	2.05E-07	2.02E-05	0.00E+00	1.89E-08	0.00E+00	4.34E-10	7.01E-07	0.00E+00	0.00E+00	2.02E-05
3893	ALL	462822.6	3773599	NonCancer	0.00E+00	6.07E-09	0.00E+00	4.29E-10	4.29E-10	2.02E-07	2.00E-05	0.00E+00	1.87E-08	0.00E+00	4.29E-10	6.93E-07	0.00E+00	0.00E+00	2.00E-05
3894	ALL	462814	3773595	NonCancer	0.00E+00	6.01E-09	0.00E+00	4.24E-10	4.24E-10	2.00E-07	1.99E-05	0.00E+00	1.85E-08	0.00E+00	4.24E-10	6.86E-07	0.00E+00	0.00E+00	1.99E-05
3895	ALL	462805.4	3773592	NonCancer	0.00E+00	5.95E-09	0.00E+00	4.21E-10	4.21E-10	1.99E-07	1.97E-05	0.00E+00	1.83E-08	0.00E+00	4.21E-10	6.79E-07	0.00E+00	0.00E+00	1.97E-05
3896	ALL	462796.8	3773588	NonCancer	0.00E+00	5.90E-09	0.00E+00	4.17E-10	4.17E-10	1.97E-07	1.96E-05	0.00E+00	1.82E-08	0.00E+00	4.17E-10	6.73E-07	0.00E+00	0.00E+00	1.96E-05
3897	ALL	462788.1	3773585	NonCancer	0.00E+00	5.84E-09	0.00E+00	4.13E-10	4.13E-10	1.95E-07	1.95E-05	0.00E+00	1.80E-08	0.00E+00	4.13E-10	6.66E-07	0.00E+00	0.00E+00	1.95E-05
3898	ALL	462779.5	3773581	NonCancer	0.00E+00	5.78E-09	0.00E+00	4.09E-10	4.09E-10	1.93E-07	1.93E-05	0.00E+00	1.78E-08	0.00E+00	4.09E-10	6.60E-07	0.00E+00	0.00E+00	1.93E-05
3899	ALL	462770.9	3773577	NonCancer	0.00E+00	5.72E-09	0.00E+00	4.04E-10	4.04E-10	1.91E-07	1.92E-05	0.00E+00	1.76E-08	0.00E+00	4.04E-10	6.53E-07	0.00E+00	0.00E+00	1.92E-05
3900	ALL	462762.3	3773574	NonCancer	0.00E+00	5.67E-09	0.00E+00	4.00E-10	4.00E-10	1.89E-07	1.90E-05	0.00E+00	1.74E-08	0.00E+00	4.00E-10	6.47E-07	0.00E+00	0.00E+00	1.90E-05
3901	ALL	462753.6	3773570	NonCancer	0.00E+00	5.61E-09	0.00E+00	3.96E-10	3.96E-10	1.87E-07	1.89E-05	0.00E+00	1.73E-08	0.00E+00	3.96E-10	6.40E-07	0.00E+00	0.00E+00	1.89E-05
3902	ALL	462745	3773567	NonCancer	0.00E+00	5.54E-09	0.00E+00	3.92E-10	3.92E-10	1.85E-07	1.87E-05	0.00E+00	1.71E-08	0.00E+00	3.92E-10	6.33E-07	0.00E+00	0.00E+00	1.87E-05
3903	ALL	462736.4	3773563	NonCancer	0.00E+00	5.47E-09	0.00E+00	3.87E-10	3.87E-10	1.82E-07	1.85E-05	0.00E+00	1.68E-08	0.00E+00	3.87E-10	6.24E-07	0.00E+00	0.00E+00	1.85E-05
3904	ALL	462727.8	3773560	NonCancer	0.00E+00	5.40E-09	0.00E+00	3.81E-10	3.81E-10	1.80E-07	1.83E-05	0.00E+00	1.66E-08	0.00E+00	3.81E-10	6.16E-07	0.00E+00	0.00E+00	1.83E-05
3905	ALL	462719.1	3773556	NonCancer	0.00E+00	5.32E-09	0.00E+00	3.76E-10	3.76E-10	1.77E-07	1.81E-05	0.00E+00	1.64E-08	0.00E+00	3.76E-10	6.07E-07	0.00E+00	0.00E+00	1.81E-05
3906	ALL	462710.5	3773553	NonCancer	0.00E+00	5.25E-09	0.00E+00	3.71E-10	3.71E-10	1.75E-07	1.78E-05	0.00E+00	1.62E-08	0.00E+00	3.71E-10	5.99E-07	0.00E+00	0.00E+00	1.78E-05
3907	ALL	462701.9	3773549	NonCancer	0.00E+00	5.17E-09	0.00E+00	3.65E-10	3.65E-10	1.72E-07	1.76E-05	0.00E+00	1.59E-08	0.00E+00	3.65E-10	5.90E-07	0.00E+00	0.00E+00	1.76E-05
3908	ALL	462693.3	3773546	NonCancer	0.00E+00	5.10E-09	0.00E+00	3.60E-10	3.60E-10	1.70E-07	1.74E-05	0.00E+00	1.57E-08	0.00E+00	3.60E-10	5.82E-07	0.00E+00	0.00E+00	1.74E-05
3909	ALL	462684.6	3773542	NonCancer	0.00E+00	5.02E-09	0.00E+00	3.55E-10	3.55E-10	1.68E-07	1.71E-05	0.00E+00	1.55E-08	0.00E+00	3.55E-10	5.73E-07	0.00E+00	0.00E+00	1.71E-05
3910	ALL	462676	3773538	NonCancer	0.00E+00	4.95E-09	0.00E+00	3.50E-10	3.50E-10	1.65E-07	1.69E-05	0.00E+00	1.52E-08	0.00E+00	3.50E-10	5.65E-07	0.00E+00	0.00E+00	1.69E-05
3911	ALL	462667.4	3773535	NonCancer	0.00E+00	4.88E-09	0.00E+00	3.45E-10	3.45E-10	1.63E-07	1.67E-05	0.00E+00	1.50E-08	0.00E+00	3.45E-10	5.57E-07	0.00E+00	0.00E+00	1.67E-05
3912	ALL	462658.8	3773531	NonCancer	0.00E+00	4.82E-09	0.00E+00	3.41E-10	3.41E-10	1.61E-07	1.65E-05	0.00E+00	1.48E-08	0.00E+00	3.41E-10	5.50E-07	0.00E+00	0.00E+00	1.65E-05
3913	ALL	462650.2	3773528	NonCancer	0.00E+00	4.76E-09	0.00E+00	3.36E-10	3.36E-10	1.59E-07	1.63E-05	0.00E+00	1.47E-08	0.00E+00	3.36E-10	5.43E-07	0.00E+00	0.00E+00	1.63E-05
3914	ALL	462642.6	3773521	NonCancer	0.00E+00	4.74E-09	0.00E+00	3.35E-10	3.35E-10	1.58E-07	1.63E-05	0.00E+00	1.46E-08	0.00E+00	3.35E-10	5.41E-07	0.00E+00	0.00E+00	1.63E-05
3915	ALL	462639	3773513	NonCancer	0.00E+00	4.78E-09	0.00E+00	3.38E-10	3.38E-10	1.59E-07	1.65E-05	0.00E+00	1.47E-08	0.00E+00	3.38E-10	5.45E-07	0.00E+00	0.00E+00	1.65E-05
3916	ALL	462635.3	3773504	NonCancer	0.00E+00	4.81E-09	0.00E+00	3.40E-10	3.40E-10	1.60E-07	1.66E-05	0.00E+00	1.48E-08	0.00E+00	3.40E-10	5.49E-07	0.00E+00	0.00E+00	1.66E-05
3917	ALL	462631.7	3773495	NonCancer	0.00E+00	4.81E-09	0.00E+00	3.40E-10	3.40E-10	1.61E-07	1.67E-05	0.00E+00	1.48E-08	0.00E+00	3.40E-10	5.49E-07	0.00E+00	0.00E+00	1.67E-05
3918	ALL	462606.3	3773435	NonCancer	0.00E+00	4.88E-09	0.00E+00	3.45E-10	3.45E-10	1.63E-07	1.73E-05	0.00E+00	1.50E-08	0.00E+00	3.45E-10	5.57E-07	0.00E+00	0.00E+00	1.73E-05
3919	ALL	462602.7	3773427	NonCancer	0.00E+00	4.88E-09	0.00E+00	3.45E-10	3.45E-10	1.63E-07	1.73E-05	0.00E+00	1.50E-08	0.00E+00	3.45E-10	5.57E-07	0.00E+00	0.00E+00	1.73E-05
3920	ALL	462599.1	3773418	NonCancer	0.00E+00	4.87E-09	0.00E+00	3.44E-10	3.44E-10	1.62E-07	1.74E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.56E-07	0.00E+00	0.00E+00	1.74E-05
3921	ALL	462595.4	3773409	NonCancer	0.00E+00	4.87E-09	0.00E+00	3.44E-10	3.44E-10	1.62E-07	1.74E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.56E-07	0.00E+00	0.00E+00	1.74E-05
3922	ALL	462591.8	3773401	NonCancer	0.00E+00	4.86E-09	0.00E+00	3.43E-10	3.43E-10	1.62E-07	1.76E-05	0.00E+00	1.50E-08	0.00E+00	3.43E-10	5.55E-07	0.00E+00	0.00E+00	1.76E-05
3923	ALL	462588.2	3773392	NonCancer	0.00E+00	4.85E-09	0.00E+00	3.43E-10	3.43E-10	1.62E-07	1.76E-05	0.00E+00	1.49E-08	0.00E+00	3.43E-10	5.54E-07	0.00E+00	0.00E+00	1.76E-05
3924	ALL	462584.6	3773384	NonCancer	0.00E+00	4.84E-09	0.00E+00	3.42E-10	3.42E-10	1.61E-07	1.76E-05	0.00E+00	1.49E-08	0.00E+00	3.42E-10	5.52E-07	0.00E+00	0.00E+00	1.76E-05
3925	ALL	462580.9	3773375	NonCancer	0.00E+00	4.83E-09	0.00E+00	3.41E-10	3.41E-10	1.61E-07	1.76E-05	0.00E+00	1.49E-08	0.00E+00	3.41E-10	5.51E-07	0.00E+00	0.00E+00	1.76E-05
3926	ALL	462577.3	3773366	NonCancer	0.00E+00	4.82E-09	0.00E+00	3.40E-10	3.40E-10	1.61E-07	1.76E-05	0.00E+00	1.48E-08	0.00E+00	3.40E-10	5.50E-07	0.00E+00	0.00E+00	1.76E-05
3927	ALL	462573.7	3773358	NonCancer	0.00E+00	4.80E-09	0.00E+00	3.39E-10	3.39E-10	1.60E-07	1.76E-05	0.00E+00	1.48E-08	0.00E+00	3.39E-10	5.48E-07	0.00E+00	0.00E+00	1.76E-05
3928	ALL	462570	3773349	NonCancer	0.00E+00	4.78E-09	0.00E+00	3.38E-10	3.38E-10	1.59E-07	1.75E-05	0.00E+00	1.47E-08	0.00E+00	3.38E-10	5.46E-07	0.00E+00	0.00E+00	1.75E-05
3929	ALL	462566.4	3773341	NonCancer	0.00E+00	4.76E-09	0.00E+00	3.36E-10	3.36E-10	1.59E-07	1.75E-05	0.00E+00	1.47E-08	0.00E+00	3.36E-10	5.43E-07	0.00E+00	0.00E+00	1.75E-05
3930	ALL	462562.8	3773332	NonCancer	0.00E+00	4.74E-09	0.00E+00	3.35E-10	3.35E-10	1.58E-07	1.74E-05	0.00E+00	1.46E-08	0.00E+00	3.35E-10	5.40E-07	0.00E+00	0.00E+00	1.74E-05
3931	ALL	462559.2	3773324	NonCancer	0.00E+00	4.71E-09	0.00E+00	3.33E-10	3.33E-10	1.57E-07	1.73E-05	0.00E+00	1.45E-08	0.00E+00	3.33E-10	5.38E-07	0.00E+00	0.00E+00	1.73E-05
3932	ALL	462555.5	3773315	NonCancer	0.00E+00	4.69E-09	0.00E+00	3.31E-10	3.31E-10	1.56E-07	1.73E-05	0.00E+00	1.44E-08	0.00E+00	3.31E-10	5.35E-07	0.00E+00	0.00E+00	1.73E-05
3933	ALL	462551.9	3773306	NonCancer	0.00E+00	4.66E-09	0.00E+00	3.29E-10	3.29E-10	1.55E-07	1.72E-05	0.00E+00	1.44E-08	0.00E+00	3.29E-10	5.32E-07	0.00E+00	0.00E+00	1.72E-05
3934	ALL	462548.3	3773298	NonCancer	0.00E+00	4.64E-09	0.00E+00	3.28E-10	3.28E-10	1.55E-07	1.71E-05	0.00E+00	1.43E-08	0.00E+00	3.28E-10	5.29E-07	0.00E+00	0.00E+00	1.71E-05
3935	ALL	462544.7	3773289	NonCancer	0.00E+00	4.61E-09	0.00E+00	3.25E-10	3.25E-10	1.54E-07	1.70E-05	0.00E+00	1.42E-08	0.00E+00	3.25E-10	5.26E-07	0.00E+00	0.00E+00	1.70E-05
3936	ALL	462541	3773281	NonCancer	0.00E+00	4.57E-09	0.00E+00	3.23E-10	3.23E-10	1.52E-07	1.69E-05	0.00E+00	1.41E-08	0.00E+00	3.23E-10	5.22E-07	0.00E+00	0.00E+00	1.69E-05
3937	ALL	462917.5	3773668	NonCancer	0.00E+00	6.44E-09	0.00E+00	4.55E-10	4.55E-10	2.15E-07	2.03E-05	0.00E+00	1.98E-08	0.00E+00	4.55E-10	7.35E-07	0.00E+00	0.00E+00	2.03E-05
3938	ALL	462908.8	3773664	NonCancer	0.00E+00	6.37E-09	0.00E+00	4.50E-10	4.50E-10	2.12E-07	2.02E-05	0.00E+00	1.96E-08	0.00E+00	4.50E-10	7.27E-07	0.00E+00	0.00E+00	2.02E-05
3939	ALL	462900.2	3773661	NonCancer	0.00E+00	6.30E-09	0.00E+00	4.45E-10	4.45E-10	2.10E-07	2.00E-05	0.00E+00	1.94E-08	0.00E+00	4.45E-10	7.19E-07	0.00E+00	0.00E+00	2.00E-05
3940	ALL	462891.5	3773657	NonCancer	0.00E+00	6.24E-09	0.00E+00	4.41E-10	4.41E-10	2.08E-07	1.99E-05	0.00E+00	1.92E-08	0.00E+00	4.41E-10	7.13E-07	0.00E+00	0.00E+00	1.99E-05

3941	ALL	462882.9	3773654	NonCancer	0.00E+00	6.19E-09	0.00E+00	4.37E-10	4.37E-10	2.06E-07	1.98E-05	0.00E+00	1.90E-08	0.00E+00	4.37E-10	7.06E-07	0.00E+00	0.00E+00	1.98E-05
3942	ALL	462874.2	3773650	NonCancer	0.00E+00	6.11E-09	0.00E+00	4.31E-10	4.31E-10	2.04E-07	1.96E-05	0.00E+00	1.88E-08	0.00E+00	4.31E-10	6.97E-07	0.00E+00	0.00E+00	1.96E-05
3943	ALL	462865.6	3773646	NonCancer	0.00E+00	6.02E-09	0.00E+00	4.25E-10	4.25E-10	2.01E-07	1.93E-05	0.00E+00	1.85E-08	0.00E+00	4.25E-10	6.87E-07	0.00E+00	0.00E+00	1.93E-05
3944	ALL	462856.9	3773643	NonCancer	0.00E+00	5.94E-09	0.00E+00	4.20E-10	4.20E-10	1.98E-07	1.91E-05	0.00E+00	1.83E-08	0.00E+00	4.20E-10	6.79E-07	0.00E+00	0.00E+00	1.91E-05
3945	ALL	462848.3	3773639	NonCancer	0.00E+00	5.88E-09	0.00E+00	4.16E-10	4.16E-10	1.96E-07	1.90E-05	0.00E+00	1.81E-08	0.00E+00	4.16E-10	6.71E-07	0.00E+00	0.00E+00	1.90E-05
3946	ALL	462839.6	3773636	NonCancer	0.00E+00	5.84E-09	0.00E+00	4.12E-10	4.12E-10	1.95E-07	1.89E-05	0.00E+00	1.80E-08	0.00E+00	4.12E-10	6.66E-07	0.00E+00	0.00E+00	1.89E-05
3947	ALL	462830.9	3773632	NonCancer	0.00E+00	5.79E-09	0.00E+00	4.09E-10	4.09E-10	1.93E-07	1.88E-05	0.00E+00	1.78E-08	0.00E+00	4.09E-10	6.61E-07	0.00E+00	0.00E+00	1.88E-05
3948	ALL	462822.3	3773629	NonCancer	0.00E+00	5.74E-09	0.00E+00	4.06E-10	4.06E-10	1.91E-07	1.87E-05	0.00E+00	1.77E-08	0.00E+00	4.06E-10	6.55E-07	0.00E+00	0.00E+00	1.87E-05
3949	ALL	462813.6	3773625	NonCancer	0.00E+00	5.69E-09	0.00E+00	4.02E-10	4.02E-10	1.90E-07	1.86E-05	0.00E+00	1.75E-08	0.00E+00	4.02E-10	6.49E-07	0.00E+00	0.00E+00	1.86E-05
3950	ALL	462805	3773622	NonCancer	0.00E+00	5.62E-09	0.00E+00	3.97E-10	3.97E-10	1.88E-07	1.84E-05	0.00E+00	1.73E-08	0.00E+00	3.97E-10	6.42E-07	0.00E+00	0.00E+00	1.84E-05
3951	ALL	462796.3	3773618	NonCancer	0.00E+00	5.56E-09	0.00E+00	3.93E-10	3.93E-10	1.85E-07	1.83E-05	0.00E+00	1.71E-08	0.00E+00	3.93E-10	6.35E-07	0.00E+00	0.00E+00	1.83E-05
3952	ALL	462787.7	3773614	NonCancer	0.00E+00	5.50E-09	0.00E+00	3.88E-10	3.88E-10	1.83E-07	1.81E-05	0.00E+00	1.69E-08	0.00E+00	3.88E-10	6.27E-07	0.00E+00	0.00E+00	1.81E-05
3953	ALL	462779	3773611	NonCancer	0.00E+00	5.43E-09	0.00E+00	3.84E-10	3.84E-10	1.81E-07	1.79E-05	0.00E+00	1.67E-08	0.00E+00	3.84E-10	6.20E-07	0.00E+00	0.00E+00	1.79E-05
3954	ALL	462770.4	3773607	NonCancer	0.00E+00	5.37E-09	0.00E+00	3.79E-10	3.79E-10	1.79E-07	1.78E-05	0.00E+00	1.65E-08	0.00E+00	3.79E-10	6.13E-07	0.00E+00	0.00E+00	1.78E-05
3955	ALL	462761.7	3773604	NonCancer	0.00E+00	5.30E-09	0.00E+00	3.75E-10	3.75E-10	1.77E-07	1.76E-05	0.00E+00	1.63E-08	0.00E+00	3.75E-10	6.05E-07	0.00E+00	0.00E+00	1.76E-05
3956	ALL	462753.1	3773600	NonCancer	0.00E+00	5.24E-09	0.00E+00	3.70E-10	3.70E-10	1.75E-07	1.74E-05	0.00E+00	1.61E-08	0.00E+00	3.70E-10	5.98E-07	0.00E+00	0.00E+00	1.74E-05
3957	ALL	462744.4	3773597	NonCancer	0.00E+00	5.17E-09	0.00E+00	3.65E-10	3.65E-10	1.72E-07	1.72E-05	0.00E+00	1.59E-08	0.00E+00	3.65E-10	5.90E-07	0.00E+00	0.00E+00	1.72E-05
3958	ALL	462735.8	3773593	NonCancer	0.00E+00	5.12E-09	0.00E+00	3.62E-10	3.62E-10	1.71E-07	1.71E-05	0.00E+00	1.58E-08	0.00E+00	3.62E-10	5.84E-07	0.00E+00	0.00E+00	1.71E-05
3959	ALL	462727.1	3773589	NonCancer	0.00E+00	5.07E-09	0.00E+00	3.58E-10	3.58E-10	1.69E-07	1.69E-05	0.00E+00	1.56E-08	0.00E+00	3.58E-10	5.78E-07	0.00E+00	0.00E+00	1.69E-05
3960	ALL	462718.5	3773586	NonCancer	0.00E+00	5.01E-09	0.00E+00	3.54E-10	3.54E-10	1.67E-07	1.68E-05	0.00E+00	1.54E-08	0.00E+00	3.54E-10	5.72E-07	0.00E+00	0.00E+00	1.68E-05
3961	ALL	462709.8	3773582	NonCancer	0.00E+00	4.96E-09	0.00E+00	3.50E-10	3.50E-10	1.65E-07	1.67E-05	0.00E+00	1.53E-08	0.00E+00	3.50E-10	5.66E-07	0.00E+00	0.00E+00	1.67E-05
3962	ALL	462701.2	3773579	NonCancer	0.00E+00	4.91E-09	0.00E+00	3.47E-10	3.47E-10	1.64E-07	1.65E-05	0.00E+00	1.51E-08	0.00E+00	3.47E-10	5.60E-07	0.00E+00	0.00E+00	1.65E-05
3963	ALL	462692.5	3773575	NonCancer	0.00E+00	4.85E-09	0.00E+00	3.43E-10	3.43E-10	1.62E-07	1.64E-05	0.00E+00	1.49E-08	0.00E+00	3.43E-10	5.54E-07	0.00E+00	0.00E+00	1.64E-05
3964	ALL	462683.9	3773572	NonCancer	0.00E+00	4.80E-09	0.00E+00	3.39E-10	3.39E-10	1.60E-07	1.62E-05	0.00E+00	1.48E-08	0.00E+00	3.39E-10	5.48E-07	0.00E+00	0.00E+00	1.62E-05
3965	ALL	462675.2	3773568	NonCancer	0.00E+00	4.74E-09	0.00E+00	3.35E-10	3.35E-10	1.58E-07	1.61E-05	0.00E+00	1.46E-08	0.00E+00	3.35E-10	5.41E-07	0.00E+00	0.00E+00	1.61E-05
3966	ALL	462666.6	3773565	NonCancer	0.00E+00	4.68E-09	0.00E+00	3.31E-10	3.31E-10	1.56E-07	1.59E-05	0.00E+00	1.44E-08	0.00E+00	3.31E-10	5.34E-07	0.00E+00	0.00E+00	1.59E-05
3967	ALL	462657.9	3773561	NonCancer	0.00E+00	4.62E-09	0.00E+00	3.26E-10	3.26E-10	1.54E-07	1.57E-05	0.00E+00	1.42E-08	0.00E+00	3.26E-10	5.27E-07	0.00E+00	0.00E+00	1.57E-05
3968	ALL	462649.2	3773557	NonCancer	0.00E+00	4.55E-09	0.00E+00	3.22E-10	3.22E-10	1.52E-07	1.55E-05	0.00E+00	1.40E-08	0.00E+00	3.22E-10	5.20E-07	0.00E+00	0.00E+00	1.55E-05
3969	ALL	462640.6	3773554	NonCancer	0.00E+00	4.49E-09	0.00E+00	3.17E-10	3.17E-10	1.50E-07	1.53E-05	0.00E+00	1.38E-08	0.00E+00	3.17E-10	5.12E-07	0.00E+00	0.00E+00	1.53E-05
3970	ALL	462631.9	3773550	NonCancer	0.00E+00	4.42E-09	0.00E+00	3.13E-10	3.13E-10	1.47E-07	1.51E-05	0.00E+00	1.36E-08	0.00E+00	3.13E-10	5.05E-07	0.00E+00	0.00E+00	1.51E-05
3971	ALL	462604.5	3773502	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.17E-10	3.17E-10	1.50E-07	1.55E-05	0.00E+00	1.38E-08	0.00E+00	3.17E-10	5.12E-07	0.00E+00	0.00E+00	1.55E-05
3972	ALL	462600.8	3773494	NonCancer	0.00E+00	4.49E-09	0.00E+00	3.17E-10	3.17E-10	1.50E-07	1.56E-05	0.00E+00	1.38E-08	0.00E+00	3.17E-10	5.12E-07	0.00E+00	0.00E+00	1.56E-05
3973	ALL	462597.2	3773485	NonCancer	0.00E+00	4.49E-09	0.00E+00	3.17E-10	3.17E-10	1.50E-07	1.56E-05	0.00E+00	1.38E-08	0.00E+00	3.17E-10	5.12E-07	0.00E+00	0.00E+00	1.56E-05
3974	ALL	462586.3	3773459	NonCancer	0.00E+00	4.52E-09	0.00E+00	3.19E-10	3.19E-10	1.51E-07	1.59E-05	0.00E+00	1.39E-08	0.00E+00	3.19E-10	5.16E-07	0.00E+00	0.00E+00	1.59E-05
3975	ALL	462582.6	3773450	NonCancer	0.00E+00	4.53E-09	0.00E+00	3.20E-10	3.20E-10	1.51E-07	1.60E-05	0.00E+00	1.40E-08	0.00E+00	3.20E-10	5.17E-07	0.00E+00	0.00E+00	1.60E-05
3976	ALL	462579	3773442	NonCancer	0.00E+00	4.53E-09	0.00E+00	3.20E-10	3.20E-10	1.51E-07	1.60E-05	0.00E+00	1.40E-08	0.00E+00	3.20E-10	5.17E-07	0.00E+00	0.00E+00	1.60E-05
3977	ALL	462575.4	3773433	NonCancer	0.00E+00	4.52E-09	0.00E+00	3.20E-10	3.20E-10	1.51E-07	1.60E-05	0.00E+00	1.39E-08	0.00E+00	3.20E-10	5.16E-07	0.00E+00	0.00E+00	1.60E-05
3978	ALL	462571.7	3773425	NonCancer	0.00E+00	4.52E-09	0.00E+00	3.19E-10	3.19E-10	1.51E-07	1.60E-05	0.00E+00	1.39E-08	0.00E+00	3.19E-10	5.15E-07	0.00E+00	0.00E+00	1.60E-05
3979	ALL	462568.1	3773416	NonCancer	0.00E+00	4.51E-09	0.00E+00	3.19E-10	3.19E-10	1.50E-07	1.60E-05	0.00E+00	1.39E-08	0.00E+00	3.19E-10	5.15E-07	0.00E+00	0.00E+00	1.60E-05
3980	ALL	462564.4	3773407	NonCancer	0.00E+00	4.50E-09	0.00E+00	3.18E-10	3.18E-10	1.50E-07	1.60E-05	0.00E+00	1.39E-08	0.00E+00	3.18E-10	5.14E-07	0.00E+00	0.00E+00	1.60E-05
3981	ALL	462560.8	3773399	NonCancer	0.00E+00	4.49E-09	0.00E+00	3.17E-10	3.17E-10	1.50E-07	1.60E-05	0.00E+00	1.38E-08	0.00E+00	3.17E-10	5.12E-07	0.00E+00	0.00E+00	1.60E-05
3982	ALL	462557.2	3773390	NonCancer	0.00E+00	4.47E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.60E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.60E-05
3983	ALL	462553.5	3773382	NonCancer	0.00E+00	4.47E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.60E-05	0.00E+00	1.37E-08	0.00E+00	3.16E-10	5.10E-07	0.00E+00	0.00E+00	1.60E-05
3984	ALL	462549.9	3773373	NonCancer	0.00E+00	4.46E-09	0.00E+00	3.15E-10	3.15E-10	1.49E-07	1.62E-05	0.00E+00	1.37E-08	0.00E+00	3.15E-10	5.09E-07	0.00E+00	0.00E+00	1.62E-05
3985	ALL	462546.2	3773364	NonCancer	0.00E+00	4.45E-09	0.00E+00	3.14E-10	3.14E-10	1.48E-07	1.62E-05	0.00E+00	1.37E-08	0.00E+00	3.14E-10	5.08E-07	0.00E+00	0.00E+00	1.62E-05
3986	ALL	462542.6	3773356	NonCancer	0.00E+00	4.43E-09	0.00E+00	3.13E-10	3.13E-10	1.48E-07	1.61E-05	0.00E+00	1.36E-08	0.00E+00	3.13E-10	5.06E-07	0.00E+00	0.00E+00	1.61E-05
3987	ALL	462539	3773347	NonCancer	0.00E+00	4.41E-09	0.00E+00	3.12E-10	3.12E-10	1.47E-07	1.61E-05	0.00E+00	1.36E-08	0.00E+00	3.12E-10	5.04E-07	0.00E+00	0.00E+00	1.61E-05
3988	ALL	462535.3	3773338	NonCancer	0.00E+00	4.39E-09	0.00E+00	3.10E-10	3.10E-10	1.46E-07	1.60E-05	0.00E+00	1.35E-08	0.00E+00	3.10E-10	5.01E-07	0.00E+00	0.00E+00	1.60E-05
3989	ALL	462531.7	3773330	NonCancer	0.00E+00	4.37E-09	0.00E+00	3.09E-10	3.09E-10	1.46E-07	1.60E-05	0.00E+00	1.34E-08	0.00E+00	3.09E-10	4.98E-07	0.00E+00	0.00E+00	1.60E-05
3990	ALL	462528.1	3773321	NonCancer	0.00E+00	4.35E-09	0.00E+00	3.07E-10	3.07E-10	1.45E-07	1.59E-05	0.00E+00	1.34E-08	0.00E+00	3.07E-10	4.96E-07	0.00E+00	0.00E+00	1.59E-05
3991	ALL	462524.4	3773313	NonCancer	0.00E+00	4.32E-09	0.00E+00	3.05E-10	3.05E-10	1.44E-07	1.58E-05	0.00E+00	1.33E-08	0.00E+00	3.05E-10	4.93E-07	0.00E+00	0.00E+00	1.58E-05
3992	ALL	462520.8	3773304	NonCancer	0.00E+00	4.30E-09	0.00E+00	3.04E-10	3.04E-10	1.43E-07	1.58E-05	0.00E+00	1.32E-08	0.00E+00	3.04E-10	4.91E-07	0.00E+00	0.00E+00	1.58E-05
3993	ALL	462517.1	3773295	NonCancer	0.00E+00	4.28E-09	0.00E+00	3.02E-10	3.02E-10	1.43E-07	1.57E-05	0.00E+00	1.32E-08	0.00E+00	3.02E-10	4.88E-07	0.00E+00	0.00E+00	1.57E-05
3994	ALL	462513.5	3773287	NonCancer	0.00E+00	4.25E-09	0.00E+00	3.00E-10	3.00E-10	1.42E-07	1.56E-05	0.00E+00	1.31E-08	0.00E+00	3.00E-10	4.85E-07	0.00E+00	0.00E+00	1.56E-05

3995	ALL	462509.9	3773278	NonCancer	0.00E+00	4.22E-09	0.00E+00	2.98E-10	2.98E-10	1.41E-07	1.55E-05	0.00E+00	1.30E-08	0.00E+00	2.98E-10	4.81E-07	0.00E+00	0.00E+00	1.55E-05
3996	ALL	462917.5	3773698	NonCancer	0.00E+00	6.07E-09	0.00E+00	4.29E-10	4.29E-10	2.02E-07	1.89E-05	0.00E+00	1.87E-08	0.00E+00	4.29E-10	6.92E-07	0.00E+00	0.00E+00	1.89E-05
3997	ALL	462908.8	3773694	NonCancer	0.00E+00	6.02E-09	0.00E+00	4.25E-10	4.25E-10	2.01E-07	1.88E-05	0.00E+00	1.85E-08	0.00E+00	4.25E-10	6.87E-07	0.00E+00	0.00E+00	1.88E-05
3998	ALL	462900.2	3773691	NonCancer	0.00E+00	5.94E-09	0.00E+00	4.20E-10	4.20E-10	1.98E-07	1.87E-05	0.00E+00	1.83E-08	0.00E+00	4.20E-10	6.78E-07	0.00E+00	0.00E+00	1.87E-05
3999	ALL	462891.6	3773687	NonCancer	0.00E+00	5.86E-09	0.00E+00	4.14E-10	4.14E-10	1.95E-07	1.84E-05	0.00E+00	1.80E-08	0.00E+00	4.14E-10	6.69E-07	0.00E+00	0.00E+00	1.84E-05
4000	ALL	462882.9	3773684	NonCancer	0.00E+00	5.77E-09	0.00E+00	4.08E-10	4.08E-10	1.93E-07	1.82E-05	0.00E+00	1.78E-08	0.00E+00	4.08E-10	6.59E-07	0.00E+00	0.00E+00	1.82E-05
4001	ALL	462874.3	3773680	NonCancer	0.00E+00	5.71E-09	0.00E+00	4.04E-10	4.04E-10	1.90E-07	1.81E-05	0.00E+00	1.76E-08	0.00E+00	4.04E-10	6.52E-07	0.00E+00	0.00E+00	1.81E-05
4002	ALL	462865.6	3773676	NonCancer	0.00E+00	5.66E-09	0.00E+00	4.00E-10	4.00E-10	1.89E-07	1.80E-05	0.00E+00	1.74E-08	0.00E+00	4.00E-10	6.45E-07	0.00E+00	0.00E+00	1.80E-05
4003	ALL	462857	3773673	NonCancer	0.00E+00	5.59E-09	0.00E+00	3.95E-10	3.95E-10	1.86E-07	1.78E-05	0.00E+00	1.72E-08	0.00E+00	3.95E-10	6.38E-07	0.00E+00	0.00E+00	1.78E-05
4004	ALL	462848.4	3773669	NonCancer	0.00E+00	5.51E-09	0.00E+00	3.90E-10	3.90E-10	1.84E-07	1.76E-05	0.00E+00	1.70E-08	0.00E+00	3.90E-10	6.29E-07	0.00E+00	0.00E+00	1.76E-05
4005	ALL	462839.7	3773666	NonCancer	0.00E+00	5.46E-09	0.00E+00	3.85E-10	3.85E-10	1.82E-07	1.75E-05	0.00E+00	1.68E-08	0.00E+00	3.85E-10	6.23E-07	0.00E+00	0.00E+00	1.75E-05
4006	ALL	462831.1	3773662	NonCancer	0.00E+00	5.40E-09	0.00E+00	3.81E-10	3.81E-10	1.80E-07	1.73E-05	0.00E+00	1.66E-08	0.00E+00	3.81E-10	6.16E-07	0.00E+00	0.00E+00	1.73E-05
4007	ALL	462822.5	3773659	NonCancer	0.00E+00	5.34E-09	0.00E+00	3.77E-10	3.77E-10	1.78E-07	1.72E-05	0.00E+00	1.64E-08	0.00E+00	3.77E-10	6.10E-07	0.00E+00	0.00E+00	1.72E-05
4008	ALL	462813.8	3773655	NonCancer	0.00E+00	5.29E-09	0.00E+00	3.74E-10	3.74E-10	1.76E-07	1.71E-05	0.00E+00	1.63E-08	0.00E+00	3.74E-10	6.04E-07	0.00E+00	0.00E+00	1.71E-05
4009	ALL	462805.2	3773652	NonCancer	0.00E+00	5.25E-09	0.00E+00	3.71E-10	3.71E-10	1.75E-07	1.70E-05	0.00E+00	1.62E-08	0.00E+00	3.71E-10	5.99E-07	0.00E+00	0.00E+00	1.70E-05
4010	ALL	462796.5	3773648	NonCancer	0.00E+00	5.21E-09	0.00E+00	3.68E-10	3.68E-10	1.74E-07	1.69E-05	0.00E+00	1.60E-08	0.00E+00	3.68E-10	5.95E-07	0.00E+00	0.00E+00	1.69E-05
4011	ALL	462787.9	3773644	NonCancer	0.00E+00	5.17E-09	0.00E+00	3.65E-10	3.65E-10	1.72E-07	1.68E-05	0.00E+00	1.59E-08	0.00E+00	3.65E-10	5.90E-07	0.00E+00	0.00E+00	1.68E-05
4012	ALL	462779.3	3773641	NonCancer	0.00E+00	5.12E-09	0.00E+00	3.62E-10	3.62E-10	1.71E-07	1.67E-05	0.00E+00	1.58E-08	0.00E+00	3.62E-10	5.84E-07	0.00E+00	0.00E+00	1.67E-05
4013	ALL	462770.6	3773637	NonCancer	0.00E+00	5.08E-09	0.00E+00	3.59E-10	3.59E-10	1.69E-07	1.66E-05	0.00E+00	1.56E-08	0.00E+00	3.59E-10	5.79E-07	0.00E+00	0.00E+00	1.66E-05
4014	ALL	462762	3773634	NonCancer	0.00E+00	5.03E-09	0.00E+00	3.56E-10	3.56E-10	1.68E-07	1.65E-05	0.00E+00	1.55E-08	0.00E+00	3.56E-10	5.74E-07	0.00E+00	0.00E+00	1.65E-05
4015	ALL	462753.3	3773630	NonCancer	0.00E+00	4.99E-09	0.00E+00	3.52E-10	3.52E-10	1.66E-07	1.64E-05	0.00E+00	1.54E-08	0.00E+00	3.52E-10	5.69E-07	0.00E+00	0.00E+00	1.64E-05
4016	ALL	462744.7	3773627	NonCancer	0.00E+00	4.94E-09	0.00E+00	3.49E-10	3.49E-10	1.65E-07	1.63E-05	0.00E+00	1.52E-08	0.00E+00	3.49E-10	5.64E-07	0.00E+00	0.00E+00	1.63E-05
4017	ALL	462736.1	3773623	NonCancer	0.00E+00	4.88E-09	0.00E+00	3.45E-10	3.45E-10	1.63E-07	1.61E-05	0.00E+00	1.50E-08	0.00E+00	3.45E-10	5.57E-07	0.00E+00	0.00E+00	1.61E-05
4018	ALL	462727.4	3773620	NonCancer	0.00E+00	4.82E-09	0.00E+00	3.41E-10	3.41E-10	1.61E-07	1.60E-05	0.00E+00	1.49E-08	0.00E+00	3.41E-10	5.51E-07	0.00E+00	0.00E+00	1.60E-05
4019	ALL	462718.8	3773616	NonCancer	0.00E+00	4.77E-09	0.00E+00	3.37E-10	3.37E-10	1.59E-07	1.58E-05	0.00E+00	1.47E-08	0.00E+00	3.37E-10	5.44E-07	0.00E+00	0.00E+00	1.58E-05
4020	ALL	462710.2	3773612	NonCancer	0.00E+00	4.71E-09	0.00E+00	3.33E-10	3.33E-10	1.57E-07	1.56E-05	0.00E+00	1.45E-08	0.00E+00	3.33E-10	5.37E-07	0.00E+00	0.00E+00	1.56E-05
4021	ALL	462701.5	3773609	NonCancer	0.00E+00	4.65E-09	0.00E+00	3.28E-10	3.28E-10	1.55E-07	1.55E-05	0.00E+00	1.43E-08	0.00E+00	3.28E-10	5.30E-07	0.00E+00	0.00E+00	1.55E-05
4022	ALL	462692.9	3773605	NonCancer	0.00E+00	4.59E-09	0.00E+00	3.24E-10	3.24E-10	1.53E-07	1.53E-05	0.00E+00	1.41E-08	0.00E+00	3.24E-10	5.24E-07	0.00E+00	0.00E+00	1.53E-05
4023	ALL	462684.2	3773602	NonCancer	0.00E+00	4.53E-09	0.00E+00	3.20E-10	3.20E-10	1.51E-07	1.51E-05	0.00E+00	1.39E-08	0.00E+00	3.20E-10	5.17E-07	0.00E+00	0.00E+00	1.51E-05
4024	ALL	462675.6	3773598	NonCancer	0.00E+00	4.47E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.49E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.10E-07	0.00E+00	0.00E+00	1.49E-05
4025	ALL	462667	3773595	NonCancer	0.00E+00	4.42E-09	0.00E+00	3.12E-10	3.12E-10	1.47E-07	1.48E-05	0.00E+00	1.36E-08	0.00E+00	3.12E-10	5.04E-07	0.00E+00	0.00E+00	1.48E-05
4026	ALL	462658.3	3773591	NonCancer	0.00E+00	4.37E-09	0.00E+00	3.09E-10	3.09E-10	1.46E-07	1.47E-05	0.00E+00	1.35E-08	0.00E+00	3.09E-10	4.99E-07	0.00E+00	0.00E+00	1.47E-05
4027	ALL	462649.7	3773588	NonCancer	0.00E+00	4.33E-09	0.00E+00	3.06E-10	3.06E-10	1.44E-07	1.45E-05	0.00E+00	1.33E-08	0.00E+00	3.06E-10	4.94E-07	0.00E+00	0.00E+00	1.45E-05
4028	ALL	462641	3773584	NonCancer	0.00E+00	4.28E-09	0.00E+00	3.02E-10	3.02E-10	1.43E-07	1.44E-05	0.00E+00	1.32E-08	0.00E+00	3.02E-10	4.88E-07	0.00E+00	0.00E+00	1.44E-05
4029	ALL	462632.4	3773580	NonCancer	0.00E+00	4.23E-09	0.00E+00	2.99E-10	2.99E-10	1.41E-07	1.43E-05	0.00E+00	1.30E-08	0.00E+00	2.99E-10	4.83E-07	0.00E+00	0.00E+00	1.43E-05
4030	ALL	462606.5	3773570	NonCancer	0.00E+00	4.09E-09	0.00E+00	2.89E-10	2.89E-10	1.36E-07	1.38E-05	0.00E+00	1.26E-08	0.00E+00	2.89E-10	4.67E-07	0.00E+00	0.00E+00	1.38E-05
4031	ALL	462599.8	3773562	NonCancer	0.00E+00	4.08E-09	0.00E+00	2.88E-10	2.88E-10	1.36E-07	1.38E-05	0.00E+00	1.26E-08	0.00E+00	2.88E-10	4.65E-07	0.00E+00	0.00E+00	1.38E-05
4032	ALL	462596.1	3773554	NonCancer	0.00E+00	4.08E-09	0.00E+00	2.89E-10	2.89E-10	1.36E-07	1.39E-05	0.00E+00	1.26E-08	0.00E+00	2.89E-10	4.66E-07	0.00E+00	0.00E+00	1.39E-05
4033	ALL	462592.5	3773545	NonCancer	0.00E+00	4.09E-09	0.00E+00	2.89E-10	2.89E-10	1.36E-07	1.39E-05	0.00E+00	1.26E-08	0.00E+00	2.89E-10	4.67E-07	0.00E+00	0.00E+00	1.39E-05
4034	ALL	462581.6	3773519	NonCancer	0.00E+00	4.15E-09	0.00E+00	2.93E-10	2.93E-10	1.38E-07	1.42E-05	0.00E+00	1.28E-08	0.00E+00	2.93E-10	4.74E-07	0.00E+00	0.00E+00	1.42E-05
4035	ALL	462577.9	3773511	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.44E-05	0.00E+00	1.28E-08	0.00E+00	2.95E-10	4.76E-07	0.00E+00	0.00E+00	1.44E-05
4036	ALL	462574.3	3773502	NonCancer	0.00E+00	4.18E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.44E-05	0.00E+00	1.29E-08	0.00E+00	2.95E-10	4.77E-07	0.00E+00	0.00E+00	1.44E-05
4037	ALL	462570.7	3773493	NonCancer	0.00E+00	4.18E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.44E-05	0.00E+00	1.29E-08	0.00E+00	2.95E-10	4.77E-07	0.00E+00	0.00E+00	1.44E-05
4038	ALL	462567	3773485	NonCancer	0.00E+00	4.18E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.45E-05	0.00E+00	1.29E-08	0.00E+00	2.95E-10	4.77E-07	0.00E+00	0.00E+00	1.45E-05
4039	ALL	462556.1	3773459	NonCancer	0.00E+00	4.19E-09	0.00E+00	2.96E-10	2.96E-10	1.40E-07	1.46E-05	0.00E+00	1.29E-08	0.00E+00	2.96E-10	4.78E-07	0.00E+00	0.00E+00	1.46E-05
4040	ALL	462552.5	3773450	NonCancer	0.00E+00	4.18E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.46E-05	0.00E+00	1.29E-08	0.00E+00	2.95E-10	4.77E-07	0.00E+00	0.00E+00	1.46E-05
4041	ALL	462548.9	3773442	NonCancer	0.00E+00	4.18E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.46E-05	0.00E+00	1.29E-08	0.00E+00	2.95E-10	4.77E-07	0.00E+00	0.00E+00	1.46E-05
4042	ALL	462545.2	3773433	NonCancer	0.00E+00	4.18E-09	0.00E+00	2.96E-10	2.96E-10	1.40E-07	1.47E-05	0.00E+00	1.29E-08	0.00E+00	2.96E-10	4.78E-07	0.00E+00	0.00E+00	1.47E-05
4043	ALL	462541.6	3773425	NonCancer	0.00E+00	4.19E-09	0.00E+00	2.96E-10	2.96E-10	1.40E-07	1.48E-05	0.00E+00	1.29E-08	0.00E+00	2.96E-10	4.78E-07	0.00E+00	0.00E+00	1.48E-05
4044	ALL	462538	3773416	NonCancer	0.00E+00	4.19E-09	0.00E+00	2.96E-10	2.96E-10	1.40E-07	1.48E-05	0.00E+00	1.29E-08	0.00E+00	2.96E-10	4.78E-07	0.00E+00	0.00E+00	1.48E-05
4045	ALL	462534.3	3773407	NonCancer	0.00E+00	4.18E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.48E-05	0.00E+00	1.29E-08	0.00E+00	2.95E-10	4.77E-07	0.00E+00	0.00E+00	1.48E-05
4046	ALL	462530.7	3773399	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.48E-05	0.00E+00	1.28E-08	0.00E+00	2.95E-10	4.76E-07	0.00E+00	0.00E+00	1.48E-05
4047	ALL	462527.1	3773390	NonCancer	0.00E+00	4.15E-09	0.00E+00	2.94E-10	2.94E-10	1.39E-07	1.48E-05	0.00E+00	1.28E-08	0.00E+00	2.94E-10	4.74E-07	0.00E+00	0.00E+00	1.48E-05
4048	ALL	462523.4	3773382	NonCancer	0.00E+00	4.15E-09	0.00E+00	2.93E-10	2.93E-10	1.38E-07	1.48E-05	0.00E+00	1.28E-08	0.00E+00	2.93E-10	4.73E-07	0.00E+00	0.00E+00	1.48E-05

4049	ALL	462519.8	3773373	NonCancer	0.00E+00	4.14E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.49E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.72E-07	0.00E+00	0.00E+00	1.49E-05
4050	ALL	462516.2	3773364	NonCancer	0.00E+00	4.13E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.49E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.71E-07	0.00E+00	0.00E+00	1.49E-05
4051	ALL	462512.5	3773356	NonCancer	0.00E+00	4.11E-09	0.00E+00	2.91E-10	2.91E-10	1.37E-07	1.49E-05	0.00E+00	1.27E-08	0.00E+00	2.91E-10	4.69E-07	0.00E+00	0.00E+00	1.49E-05
4052	ALL	462508.9	3773347	NonCancer	0.00E+00	4.09E-09	0.00E+00	2.89E-10	2.89E-10	1.37E-07	1.48E-05	0.00E+00	1.26E-08	0.00E+00	2.89E-10	4.67E-07	0.00E+00	0.00E+00	1.48E-05
4053	ALL	462505.3	3773339	NonCancer	0.00E+00	4.07E-09	0.00E+00	2.88E-10	2.88E-10	1.36E-07	1.48E-05	0.00E+00	1.25E-08	0.00E+00	2.88E-10	4.65E-07	0.00E+00	0.00E+00	1.48E-05
4054	ALL	462501.6	3773330	NonCancer	0.00E+00	4.05E-09	0.00E+00	2.86E-10	2.86E-10	1.35E-07	1.47E-05	0.00E+00	1.25E-08	0.00E+00	2.86E-10	4.62E-07	0.00E+00	0.00E+00	1.47E-05
4055	ALL	462498	3773321	NonCancer	0.00E+00	4.03E-09	0.00E+00	2.85E-10	2.85E-10	1.34E-07	1.47E-05	0.00E+00	1.24E-08	0.00E+00	2.85E-10	4.60E-07	0.00E+00	0.00E+00	1.47E-05
4056	ALL	462494.4	3773313	NonCancer	0.00E+00	4.01E-09	0.00E+00	2.83E-10	2.83E-10	1.34E-07	1.46E-05	0.00E+00	1.23E-08	0.00E+00	2.83E-10	4.58E-07	0.00E+00	0.00E+00	1.46E-05
4057	ALL	462490.7	3773304	NonCancer	0.00E+00	3.99E-09	0.00E+00	2.82E-10	2.82E-10	1.33E-07	1.45E-05	0.00E+00	1.23E-08	0.00E+00	2.82E-10	4.55E-07	0.00E+00	0.00E+00	1.45E-05
4058	ALL	462487.1	3773296	NonCancer	0.00E+00	3.97E-09	0.00E+00	2.80E-10	2.80E-10	1.32E-07	1.45E-05	0.00E+00	1.22E-08	0.00E+00	2.80E-10	4.53E-07	0.00E+00	0.00E+00	1.45E-05
4059	ALL	462483.5	3773287	NonCancer	0.00E+00	3.94E-09	0.00E+00	2.78E-10	2.78E-10	1.31E-07	1.44E-05	0.00E+00	1.21E-08	0.00E+00	2.78E-10	4.50E-07	0.00E+00	0.00E+00	1.44E-05
4060	ALL	462479.8	3773278	NonCancer	0.00E+00	3.91E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.43E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.47E-07	0.00E+00	0.00E+00	1.43E-05
4061	ALL	462917.5	3773728	NonCancer	0.00E+00	5.71E-09	0.00E+00	4.03E-10	4.03E-10	1.90E-07	1.76E-05	0.00E+00	1.76E-08	0.00E+00	4.03E-10	6.51E-07	0.00E+00	0.00E+00	1.76E-05
4062	ALL	462908.9	3773724	NonCancer	0.00E+00	5.65E-09	0.00E+00	3.99E-10	3.99E-10	1.88E-07	1.75E-05	0.00E+00	1.74E-08	0.00E+00	3.99E-10	6.45E-07	0.00E+00	0.00E+00	1.75E-05
4063	ALL	462900.2	3773721	NonCancer	0.00E+00	5.59E-09	0.00E+00	3.95E-10	3.95E-10	1.86E-07	1.74E-05	0.00E+00	1.72E-08	0.00E+00	3.95E-10	6.38E-07	0.00E+00	0.00E+00	1.74E-05
4064	ALL	462891.6	3773717	NonCancer	0.00E+00	5.53E-09	0.00E+00	3.91E-10	3.91E-10	1.85E-07	1.72E-05	0.00E+00	1.70E-08	0.00E+00	3.91E-10	6.32E-07	0.00E+00	0.00E+00	1.72E-05
4065	ALL	462883	3773714	NonCancer	0.00E+00	5.48E-09	0.00E+00	3.87E-10	3.87E-10	1.83E-07	1.71E-05	0.00E+00	1.69E-08	0.00E+00	3.87E-10	6.25E-07	0.00E+00	0.00E+00	1.71E-05
4066	ALL	462874.3	3773710	NonCancer	0.00E+00	5.42E-09	0.00E+00	3.83E-10	3.83E-10	1.81E-07	1.70E-05	0.00E+00	1.67E-08	0.00E+00	3.83E-10	6.19E-07	0.00E+00	0.00E+00	1.70E-05
4067	ALL	462865.7	3773707	NonCancer	0.00E+00	5.37E-09	0.00E+00	3.79E-10	3.79E-10	1.79E-07	1.69E-05	0.00E+00	1.65E-08	0.00E+00	3.79E-10	6.12E-07	0.00E+00	0.00E+00	1.69E-05
4068	ALL	462857.1	3773703	NonCancer	0.00E+00	5.31E-09	0.00E+00	3.75E-10	3.75E-10	1.77E-07	1.67E-05	0.00E+00	1.64E-08	0.00E+00	3.75E-10	6.06E-07	0.00E+00	0.00E+00	1.67E-05
4069	ALL	462848.5	3773699	NonCancer	0.00E+00	5.26E-09	0.00E+00	3.71E-10	3.71E-10	1.75E-07	1.66E-05	0.00E+00	1.62E-08	0.00E+00	3.71E-10	6.00E-07	0.00E+00	0.00E+00	1.66E-05
4070	ALL	462839.8	3773696	NonCancer	0.00E+00	5.20E-09	0.00E+00	3.68E-10	3.68E-10	1.74E-07	1.65E-05	0.00E+00	1.60E-08	0.00E+00	3.68E-10	5.94E-07	0.00E+00	0.00E+00	1.65E-05
4071	ALL	462831.2	3773692	NonCancer	0.00E+00	5.15E-09	0.00E+00	3.64E-10	3.64E-10	1.72E-07	1.64E-05	0.00E+00	1.59E-08	0.00E+00	3.64E-10	5.88E-07	0.00E+00	0.00E+00	1.64E-05
4072	ALL	462822.6	3773689	NonCancer	0.00E+00	5.10E-09	0.00E+00	3.60E-10	3.60E-10	1.70E-07	1.62E-05	0.00E+00	1.57E-08	0.00E+00	3.60E-10	5.82E-07	0.00E+00	0.00E+00	1.62E-05
4073	ALL	462814	3773685	NonCancer	0.00E+00	5.04E-09	0.00E+00	3.56E-10	3.56E-10	1.68E-07	1.61E-05	0.00E+00	1.55E-08	0.00E+00	3.56E-10	5.76E-07	0.00E+00	0.00E+00	1.61E-05
4074	ALL	462805.3	3773682	NonCancer	0.00E+00	4.99E-09	0.00E+00	3.53E-10	3.53E-10	1.66E-07	1.60E-05	0.00E+00	1.54E-08	0.00E+00	3.53E-10	5.70E-07	0.00E+00	0.00E+00	1.60E-05
4075	ALL	462796.7	3773678	NonCancer	0.00E+00	4.94E-09	0.00E+00	3.49E-10	3.49E-10	1.65E-07	1.59E-05	0.00E+00	1.52E-08	0.00E+00	3.49E-10	5.64E-07	0.00E+00	0.00E+00	1.59E-05
4076	ALL	462788.1	3773675	NonCancer	0.00E+00	4.89E-09	0.00E+00	3.45E-10	3.45E-10	1.63E-07	1.57E-05	0.00E+00	1.50E-08	0.00E+00	3.45E-10	5.58E-07	0.00E+00	0.00E+00	1.57E-05
4077	ALL	462779.5	3773671	NonCancer	0.00E+00	4.83E-09	0.00E+00	3.41E-10	3.41E-10	1.61E-07	1.56E-05	0.00E+00	1.49E-08	0.00E+00	3.41E-10	5.52E-07	0.00E+00	0.00E+00	1.56E-05
4078	ALL	462770.8	3773667	NonCancer	0.00E+00	4.78E-09	0.00E+00	3.38E-10	3.38E-10	1.59E-07	1.55E-05	0.00E+00	1.47E-08	0.00E+00	3.38E-10	5.46E-07	0.00E+00	0.00E+00	1.55E-05
4079	ALL	462762.2	3773664	NonCancer	0.00E+00	4.73E-09	0.00E+00	3.34E-10	3.34E-10	1.58E-07	1.53E-05	0.00E+00	1.46E-08	0.00E+00	3.34E-10	5.40E-07	0.00E+00	0.00E+00	1.53E-05
4080	ALL	462753.6	3773660	NonCancer	0.00E+00	4.67E-09	0.00E+00	3.30E-10	3.30E-10	1.56E-07	1.52E-05	0.00E+00	1.44E-08	0.00E+00	3.30E-10	5.34E-07	0.00E+00	0.00E+00	1.52E-05
4081	ALL	462745	3773657	NonCancer	0.00E+00	4.62E-09	0.00E+00	3.27E-10	3.27E-10	1.54E-07	1.50E-05	0.00E+00	1.42E-08	0.00E+00	3.27E-10	5.28E-07	0.00E+00	0.00E+00	1.50E-05
4082	ALL	462736.3	3773653	NonCancer	0.00E+00	4.58E-09	0.00E+00	3.24E-10	3.24E-10	1.53E-07	1.49E-05	0.00E+00	1.41E-08	0.00E+00	3.24E-10	5.23E-07	0.00E+00	0.00E+00	1.49E-05
4083	ALL	462727.7	3773650	NonCancer	0.00E+00	4.54E-09	0.00E+00	3.21E-10	3.21E-10	1.52E-07	1.49E-05	0.00E+00	1.40E-08	0.00E+00	3.21E-10	5.19E-07	0.00E+00	0.00E+00	1.49E-05
4084	ALL	462719.1	3773646	NonCancer	0.00E+00	4.50E-09	0.00E+00	3.18E-10	3.18E-10	1.50E-07	1.48E-05	0.00E+00	1.39E-08	0.00E+00	3.18E-10	5.14E-07	0.00E+00	0.00E+00	1.48E-05
4085	ALL	462710.5	3773643	NonCancer	0.00E+00	4.46E-09	0.00E+00	3.15E-10	3.15E-10	1.49E-07	1.47E-05	0.00E+00	1.37E-08	0.00E+00	3.15E-10	5.09E-07	0.00E+00	0.00E+00	1.47E-05
4086	ALL	462701.8	3773639	NonCancer	0.00E+00	4.42E-09	0.00E+00	3.12E-10	3.12E-10	1.47E-07	1.46E-05	0.00E+00	1.36E-08	0.00E+00	3.12E-10	5.05E-07	0.00E+00	0.00E+00	1.46E-05
4087	ALL	462693.2	3773636	NonCancer	0.00E+00	4.38E-09	0.00E+00	3.09E-10	3.09E-10	1.46E-07	1.44E-05	0.00E+00	1.35E-08	0.00E+00	3.09E-10	5.00E-07	0.00E+00	0.00E+00	1.44E-05
4088	ALL	462684.6	3773632	NonCancer	0.00E+00	4.34E-09	0.00E+00	3.07E-10	3.07E-10	1.45E-07	1.43E-05	0.00E+00	1.34E-08	0.00E+00	3.07E-10	4.95E-07	0.00E+00	0.00E+00	1.43E-05
4089	ALL	462675.9	3773628	NonCancer	0.00E+00	4.30E-09	0.00E+00	3.04E-10	3.04E-10	1.43E-07	1.42E-05	0.00E+00	1.32E-08	0.00E+00	3.04E-10	4.91E-07	0.00E+00	0.00E+00	1.42E-05
4090	ALL	462667.3	3773625	NonCancer	0.00E+00	4.25E-09	0.00E+00	3.00E-10	3.00E-10	1.42E-07	1.41E-05	0.00E+00	1.31E-08	0.00E+00	3.00E-10	4.85E-07	0.00E+00	0.00E+00	1.41E-05
4091	ALL	462658.7	3773621	NonCancer	0.00E+00	4.20E-09	0.00E+00	2.97E-10	2.97E-10	1.40E-07	1.39E-05	0.00E+00	1.29E-08	0.00E+00	2.97E-10	4.79E-07	0.00E+00	0.00E+00	1.39E-05
4092	ALL	462650.1	3773618	NonCancer	0.00E+00	4.15E-09	0.00E+00	2.93E-10	2.93E-10	1.38E-07	1.38E-05	0.00E+00	1.28E-08	0.00E+00	2.93E-10	4.73E-07	0.00E+00	0.00E+00	1.38E-05
4093	ALL	462641.4	3773614	NonCancer	0.00E+00	4.09E-09	0.00E+00	2.89E-10	2.89E-10	1.37E-07	1.36E-05	0.00E+00	1.26E-08	0.00E+00	2.89E-10	4.67E-07	0.00E+00	0.00E+00	1.36E-05
4094	ALL	462632.8	3773611	NonCancer	0.00E+00	4.04E-09	0.00E+00	2.86E-10	2.86E-10	1.35E-07	1.35E-05	0.00E+00	1.24E-08	0.00E+00	2.86E-10	4.61E-07	0.00E+00	0.00E+00	1.35E-05
4095	ALL	462606.9	3773600	NonCancer	0.00E+00	3.89E-09	0.00E+00	2.75E-10	2.75E-10	1.30E-07	1.30E-05	0.00E+00	1.20E-08	0.00E+00	2.75E-10	4.44E-07	0.00E+00	0.00E+00	1.30E-05
4096	ALL	462598.3	3773596	NonCancer	0.00E+00	3.84E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.28E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.38E-07	0.00E+00	0.00E+00	1.28E-05
4097	ALL	462589.7	3773593	NonCancer	0.00E+00	3.80E-09	0.00E+00	2.68E-10	2.68E-10	1.27E-07	1.27E-05	0.00E+00	1.17E-08	0.00E+00	2.68E-10	4.33E-07	0.00E+00	0.00E+00	1.27E-05
4098	ALL	462580.5	3773588	NonCancer	0.00E+00	3.76E-09	0.00E+00	2.66E-10	2.66E-10	1.25E-07	1.26E-05	0.00E+00	1.16E-08	0.00E+00	2.66E-10	4.29E-07	0.00E+00	0.00E+00	1.26E-05
4099	ALL	462576.8	3773579	NonCancer	0.00E+00	3.79E-09	0.00E+00	2.68E-10	2.68E-10	1.26E-07	1.28E-05	0.00E+00	1.17E-08	0.00E+00	2.68E-10	4.33E-07	0.00E+00	0.00E+00	1.28E-05
4100	ALL	462573.2	3773571	NonCancer	0.00E+00	3.82E-09	0.00E+00	2.70E-10	2.70E-10	1.27E-07	1.29E-05	0.00E+00	1.18E-08	0.00E+00	2.70E-10	4.36E-07	0.00E+00	0.00E+00	1.29E-05
4101	ALL	462569.6	3773562	NonCancer	0.00E+00	3.83E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.30E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.38E-07	0.00E+00	0.00E+00	1.30E-05
4102	ALL	462565.9	3773554	NonCancer	0.00E+00	3.84E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.30E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.38E-07	0.00E+00	0.00E+00	1.30E-05

4103	ALL	462562.3	3773545	NonCancer	0.00E+00	3.84E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.31E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.38E-07	0.00E+00	0.00E+00	1.31E-05
4104	ALL	462551.4	3773519	NonCancer	0.00E+00	3.85E-09	0.00E+00	2.72E-10	2.72E-10	1.28E-07	1.32E-05	0.00E+00	1.18E-08	0.00E+00	2.72E-10	4.39E-07	0.00E+00	0.00E+00	1.32E-05
4105	ALL	462547.8	3773511	NonCancer	0.00E+00	3.85E-09	0.00E+00	2.72E-10	2.72E-10	1.28E-07	1.32E-05	0.00E+00	1.18E-08	0.00E+00	2.72E-10	4.39E-07	0.00E+00	0.00E+00	1.32E-05
4106	ALL	462544.2	3773502	NonCancer	0.00E+00	3.86E-09	0.00E+00	2.72E-10	2.72E-10	1.29E-07	1.32E-05	0.00E+00	1.19E-08	0.00E+00	2.72E-10	4.40E-07	0.00E+00	0.00E+00	1.32E-05
4107	ALL	462540.5	3773493	NonCancer	0.00E+00	3.88E-09	0.00E+00	2.74E-10	2.74E-10	1.29E-07	1.34E-05	0.00E+00	1.19E-08	0.00E+00	2.74E-10	4.42E-07	0.00E+00	0.00E+00	1.34E-05
4108	ALL	462526	3773459	NonCancer	0.00E+00	3.91E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.36E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.46E-07	0.00E+00	0.00E+00	1.36E-05
4109	ALL	462522.4	3773450	NonCancer	0.00E+00	3.90E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.36E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.45E-07	0.00E+00	0.00E+00	1.36E-05
4110	ALL	462518.8	3773442	NonCancer	0.00E+00	3.90E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.36E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.45E-07	0.00E+00	0.00E+00	1.36E-05
4111	ALL	462515.1	3773433	NonCancer	0.00E+00	3.90E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.37E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.46E-07	0.00E+00	0.00E+00	1.37E-05
4112	ALL	462511.5	3773425	NonCancer	0.00E+00	3.91E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.37E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.46E-07	0.00E+00	0.00E+00	1.37E-05
4113	ALL	462507.9	3773416	NonCancer	0.00E+00	3.91E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.38E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.46E-07	0.00E+00	0.00E+00	1.38E-05
4114	ALL	462504.3	3773407	NonCancer	0.00E+00	3.90E-09	0.00E+00	2.75E-10	2.75E-10	1.30E-07	1.37E-05	0.00E+00	1.20E-08	0.00E+00	2.75E-10	4.45E-07	0.00E+00	0.00E+00	1.37E-05
4115	ALL	462500.6	3773399	NonCancer	0.00E+00	3.88E-09	0.00E+00	2.74E-10	2.74E-10	1.30E-07	1.37E-05	0.00E+00	1.20E-08	0.00E+00	2.74E-10	4.43E-07	0.00E+00	0.00E+00	1.37E-05
4116	ALL	462497	3773390	NonCancer	0.00E+00	3.87E-09	0.00E+00	2.74E-10	2.74E-10	1.29E-07	1.37E-05	0.00E+00	1.19E-08	0.00E+00	2.74E-10	4.42E-07	0.00E+00	0.00E+00	1.37E-05
4117	ALL	462493.4	3773382	NonCancer	0.00E+00	3.86E-09	0.00E+00	2.73E-10	2.73E-10	1.29E-07	1.37E-05	0.00E+00	1.19E-08	0.00E+00	2.73E-10	4.41E-07	0.00E+00	0.00E+00	1.37E-05
4118	ALL	462489.7	3773373	NonCancer	0.00E+00	3.86E-09	0.00E+00	2.72E-10	2.72E-10	1.29E-07	1.38E-05	0.00E+00	1.19E-08	0.00E+00	2.72E-10	4.40E-07	0.00E+00	0.00E+00	1.38E-05
4119	ALL	462486.1	3773364	NonCancer	0.00E+00	3.84E-09	0.00E+00	2.72E-10	2.72E-10	1.28E-07	1.38E-05	0.00E+00	1.18E-08	0.00E+00	2.72E-10	4.39E-07	0.00E+00	0.00E+00	1.38E-05
4120	ALL	462482.5	3773356	NonCancer	0.00E+00	3.83E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.38E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.37E-07	0.00E+00	0.00E+00	1.38E-05
4121	ALL	462478.9	3773347	NonCancer	0.00E+00	3.81E-09	0.00E+00	2.69E-10	2.69E-10	1.27E-07	1.37E-05	0.00E+00	1.17E-08	0.00E+00	2.69E-10	4.35E-07	0.00E+00	0.00E+00	1.37E-05
4122	ALL	462475.2	3773339	NonCancer	0.00E+00	3.79E-09	0.00E+00	2.68E-10	2.68E-10	1.26E-07	1.37E-05	0.00E+00	1.17E-08	0.00E+00	2.68E-10	4.33E-07	0.00E+00	0.00E+00	1.37E-05
4123	ALL	462471.6	3773330	NonCancer	0.00E+00	3.77E-09	0.00E+00	2.67E-10	2.67E-10	1.26E-07	1.36E-05	0.00E+00	1.16E-08	0.00E+00	2.67E-10	4.31E-07	0.00E+00	0.00E+00	1.36E-05
4124	ALL	462468	3773322	NonCancer	0.00E+00	3.75E-09	0.00E+00	2.65E-10	2.65E-10	1.25E-07	1.36E-05	0.00E+00	1.16E-08	0.00E+00	2.65E-10	4.28E-07	0.00E+00	0.00E+00	1.36E-05
4125	ALL	462464.3	3773313	NonCancer	0.00E+00	3.73E-09	0.00E+00	2.64E-10	2.64E-10	1.24E-07	1.35E-05	0.00E+00	1.15E-08	0.00E+00	2.64E-10	4.26E-07	0.00E+00	0.00E+00	1.35E-05
4126	ALL	462460.7	3773304	NonCancer	0.00E+00	3.71E-09	0.00E+00	2.62E-10	2.62E-10	1.24E-07	1.34E-05	0.00E+00	1.14E-08	0.00E+00	2.62E-10	4.23E-07	0.00E+00	0.00E+00	1.34E-05
4127	ALL	462457.1	3773296	NonCancer	0.00E+00	3.69E-09	0.00E+00	2.60E-10	2.60E-10	1.23E-07	1.33E-05	0.00E+00	1.13E-08	0.00E+00	2.60E-10	4.21E-07	0.00E+00	0.00E+00	1.33E-05
4128	ALL	462453.4	3773287	NonCancer	0.00E+00	3.66E-09	0.00E+00	2.59E-10	2.59E-10	1.22E-07	1.33E-05	0.00E+00	1.13E-08	0.00E+00	2.59E-10	4.18E-07	0.00E+00	0.00E+00	1.33E-05
4129	ALL	462449.8	3773279	NonCancer	0.00E+00	3.64E-09	0.00E+00	2.57E-10	2.57E-10	1.22E-07	1.32E-05	0.00E+00	1.12E-08	0.00E+00	2.57E-10	4.16E-07	0.00E+00	0.00E+00	1.32E-05
4130	ALL	462917.5	3773758	NonCancer	0.00E+00	5.41E-09	0.00E+00	3.82E-10	3.82E-10	1.80E-07	1.65E-05	0.00E+00	1.66E-08	0.00E+00	3.82E-10	6.17E-07	0.00E+00	0.00E+00	1.65E-05
4131	ALL	462908.8	3773754	NonCancer	0.00E+00	5.37E-09	0.00E+00	3.79E-10	3.79E-10	1.79E-07	1.65E-05	0.00E+00	1.65E-08	0.00E+00	3.79E-10	6.12E-07	0.00E+00	0.00E+00	1.65E-05
4132	ALL	462900.2	3773751	NonCancer	0.00E+00	5.33E-09	0.00E+00	3.76E-10	3.76E-10	1.78E-07	1.64E-05	0.00E+00	1.64E-08	0.00E+00	3.76E-10	6.08E-07	0.00E+00	0.00E+00	1.64E-05
4133	ALL	462891.5	3773747	NonCancer	0.00E+00	5.29E-09	0.00E+00	3.74E-10	3.74E-10	1.76E-07	1.63E-05	0.00E+00	1.63E-08	0.00E+00	3.74E-10	6.03E-07	0.00E+00	0.00E+00	1.63E-05
4134	ALL	462882.9	3773744	NonCancer	0.00E+00	5.24E-09	0.00E+00	3.70E-10	3.70E-10	1.75E-07	1.62E-05	0.00E+00	1.61E-08	0.00E+00	3.70E-10	5.98E-07	0.00E+00	0.00E+00	1.62E-05
4135	ALL	462874.2	3773740	NonCancer	0.00E+00	5.16E-09	0.00E+00	3.65E-10	3.65E-10	1.72E-07	1.60E-05	0.00E+00	1.59E-08	0.00E+00	3.65E-10	5.89E-07	0.00E+00	0.00E+00	1.60E-05
4136	ALL	462865.6	3773736	NonCancer	0.00E+00	5.09E-09	0.00E+00	3.59E-10	3.59E-10	1.70E-07	1.58E-05	0.00E+00	1.57E-08	0.00E+00	3.59E-10	5.81E-07	0.00E+00	0.00E+00	1.58E-05
4137	ALL	462856.9	3773733	NonCancer	0.00E+00	5.02E-09	0.00E+00	3.55E-10	3.55E-10	1.67E-07	1.57E-05	0.00E+00	1.55E-08	0.00E+00	3.55E-10	5.73E-07	0.00E+00	0.00E+00	1.57E-05
4138	ALL	462848.3	3773729	NonCancer	0.00E+00	4.97E-09	0.00E+00	3.51E-10	3.51E-10	1.66E-07	1.56E-05	0.00E+00	1.53E-08	0.00E+00	3.51E-10	5.67E-07	0.00E+00	0.00E+00	1.56E-05
4139	ALL	462839.6	3773726	NonCancer	0.00E+00	4.93E-09	0.00E+00	3.48E-10	3.48E-10	1.64E-07	1.55E-05	0.00E+00	1.52E-08	0.00E+00	3.48E-10	5.63E-07	0.00E+00	0.00E+00	1.55E-05
4140	ALL	462831	3773722	NonCancer	0.00E+00	4.90E-09	0.00E+00	3.46E-10	3.46E-10	1.63E-07	1.54E-05	0.00E+00	1.51E-08	0.00E+00	3.46E-10	5.59E-07	0.00E+00	0.00E+00	1.54E-05
4141	ALL	462822.3	3773719	NonCancer	0.00E+00	4.86E-09	0.00E+00	3.44E-10	3.44E-10	1.62E-07	1.54E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.55E-07	0.00E+00	0.00E+00	1.54E-05
4142	ALL	462813.7	3773715	NonCancer	0.00E+00	4.82E-09	0.00E+00	3.41E-10	3.41E-10	1.61E-07	1.53E-05	0.00E+00	1.49E-08	0.00E+00	3.41E-10	5.51E-07	0.00E+00	0.00E+00	1.53E-05
4143	ALL	462805	3773712	NonCancer	0.00E+00	4.77E-09	0.00E+00	3.37E-10	3.37E-10	1.59E-07	1.52E-05	0.00E+00	1.47E-08	0.00E+00	3.37E-10	5.45E-07	0.00E+00	0.00E+00	1.52E-05
4144	ALL	462796.4	3773708	NonCancer	0.00E+00	4.72E-09	0.00E+00	3.34E-10	3.34E-10	1.58E-07	1.50E-05	0.00E+00	1.45E-08	0.00E+00	3.34E-10	5.39E-07	0.00E+00	0.00E+00	1.50E-05
4145	ALL	462787.7	3773704	NonCancer	0.00E+00	4.67E-09	0.00E+00	3.30E-10	3.30E-10	1.56E-07	1.49E-05	0.00E+00	1.44E-08	0.00E+00	3.30E-10	5.33E-07	0.00E+00	0.00E+00	1.49E-05
4146	ALL	462779.1	3773701	NonCancer	0.00E+00	4.60E-09	0.00E+00	3.25E-10	3.25E-10	1.54E-07	1.47E-05	0.00E+00	1.42E-08	0.00E+00	3.25E-10	5.25E-07	0.00E+00	0.00E+00	1.47E-05
4147	ALL	462770.4	3773697	NonCancer	0.00E+00	4.55E-09	0.00E+00	3.21E-10	3.21E-10	1.52E-07	1.46E-05	0.00E+00	1.40E-08	0.00E+00	3.21E-10	5.19E-07	0.00E+00	0.00E+00	1.46E-05
4148	ALL	462761.8	3773694	NonCancer	0.00E+00	4.50E-09	0.00E+00	3.18E-10	3.18E-10	1.50E-07	1.44E-05	0.00E+00	1.38E-08	0.00E+00	3.18E-10	5.13E-07	0.00E+00	0.00E+00	1.44E-05
4149	ALL	462753.1	3773690	NonCancer	0.00E+00	4.46E-09	0.00E+00	3.15E-10	3.15E-10	1.49E-07	1.44E-05	0.00E+00	1.37E-08	0.00E+00	3.15E-10	5.09E-07	0.00E+00	0.00E+00	1.44E-05
4150	ALL	462744.5	3773687	NonCancer	0.00E+00	4.43E-09	0.00E+00	3.13E-10	3.13E-10	1.48E-07	1.43E-05	0.00E+00	1.36E-08	0.00E+00	3.13E-10	5.06E-07	0.00E+00	0.00E+00	1.43E-05
4151	ALL	462735.8	3773683	NonCancer	0.00E+00	4.38E-09	0.00E+00	3.10E-10	3.10E-10	1.46E-07	1.42E-05	0.00E+00	1.35E-08	0.00E+00	3.10E-10	5.00E-07	0.00E+00	0.00E+00	1.42E-05
4152	ALL	462727.2	3773679	NonCancer	0.00E+00	4.33E-09	0.00E+00	3.06E-10	3.06E-10	1.45E-07	1.40E-05	0.00E+00	1.33E-08	0.00E+00	3.06E-10	4.95E-07	0.00E+00	0.00E+00	1.40E-05
4153	ALL	462718.5	3773676	NonCancer	0.00E+00	4.29E-09	0.00E+00	3.03E-10	3.03E-10	1.43E-07	1.39E-05	0.00E+00	1.32E-08	0.00E+00	3.03E-10	4.89E-07	0.00E+00	0.00E+00	1.39E-05
4154	ALL	462709.9	3773672	NonCancer	0.00E+00	4.24E-09	0.00E+00	2.99E-10	2.99E-10	1.41E-07	1.38E-05	0.00E+00	1.30E-08	0.00E+00	2.99E-10	4.84E-07	0.00E+00	0.00E+00	1.38E-05
4155	ALL	462701.2	3773669	NonCancer	0.00E+00	4.19E-09	0.00E+00	2.96E-10	2.96E-10	1.40E-07	1.36E-05	0.00E+00	1.29E-08	0.00E+00	2.96E-10	4.78E-07	0.00E+00	0.00E+00	1.36E-05
4156	ALL	462692.6	3773665	NonCancer	0.00E+00	4.14E-09	0.00E+00	2.93E-10	2.93E-10	1.38E-07	1.35E-05	0.00E+00	1.27E-08	0.00E+00	2.93E-10	4.73E-07	0.00E+00	0.00E+00	1.35E-05

4157	ALL	462683.9	3773662	NonCancer	0.00E+00	4.09E-09	0.00E+00	2.89E-10	2.89E-10	1.36E-07	1.34E-05	0.00E+00	1.26E-08	0.00E+00	2.89E-10	4.67E-07	0.00E+00	0.00E+00	1.34E-05
4158	ALL	462675.3	3773658	NonCancer	0.00E+00	4.05E-09	0.00E+00	2.86E-10	2.86E-10	1.35E-07	1.32E-05	0.00E+00	1.25E-08	0.00E+00	2.86E-10	4.62E-07	0.00E+00	0.00E+00	1.32E-05
4159	ALL	462666.6	3773655	NonCancer	0.00E+00	4.00E-09	0.00E+00	2.83E-10	2.83E-10	1.34E-07	1.31E-05	0.00E+00	1.23E-08	0.00E+00	2.83E-10	4.57E-07	0.00E+00	0.00E+00	1.31E-05
4160	ALL	462658	3773651	NonCancer	0.00E+00	3.97E-09	0.00E+00	2.81E-10	2.81E-10	1.32E-07	1.30E-05	0.00E+00	1.22E-08	0.00E+00	2.81E-10	4.53E-07	0.00E+00	0.00E+00	1.30E-05
4161	ALL	462649.3	3773647	NonCancer	0.00E+00	3.93E-09	0.00E+00	2.78E-10	2.78E-10	1.31E-07	1.29E-05	0.00E+00	1.21E-08	0.00E+00	2.78E-10	4.49E-07	0.00E+00	0.00E+00	1.29E-05
4162	ALL	462640.7	3773644	NonCancer	0.00E+00	3.90E-09	0.00E+00	2.75E-10	2.75E-10	1.30E-07	1.28E-05	0.00E+00	1.20E-08	0.00E+00	2.75E-10	4.45E-07	0.00E+00	0.00E+00	1.28E-05
4163	ALL	462632	3773640	NonCancer	0.00E+00	3.86E-09	0.00E+00	2.73E-10	2.73E-10	1.29E-07	1.27E-05	0.00E+00	1.19E-08	0.00E+00	2.73E-10	4.41E-07	0.00E+00	0.00E+00	1.27E-05
4164	ALL	462606.1	3773630	NonCancer	0.00E+00	3.75E-09	0.00E+00	2.65E-10	2.65E-10	1.25E-07	1.24E-05	0.00E+00	1.15E-08	0.00E+00	2.65E-10	4.28E-07	0.00E+00	0.00E+00	1.24E-05
4165	ALL	462597.4	3773626	NonCancer	0.00E+00	3.71E-09	0.00E+00	2.62E-10	2.62E-10	1.24E-07	1.23E-05	0.00E+00	1.14E-08	0.00E+00	2.62E-10	4.24E-07	0.00E+00	0.00E+00	1.23E-05
4166	ALL	462588.8	3773623	NonCancer	0.00E+00	3.67E-09	0.00E+00	2.59E-10	2.59E-10	1.22E-07	1.22E-05	0.00E+00	1.13E-08	0.00E+00	2.59E-10	4.19E-07	0.00E+00	0.00E+00	1.22E-05
4167	ALL	462580.1	3773619	NonCancer	0.00E+00	3.62E-09	0.00E+00	2.56E-10	2.56E-10	1.21E-07	1.21E-05	0.00E+00	1.11E-08	0.00E+00	2.56E-10	4.13E-07	0.00E+00	0.00E+00	1.21E-05
4168	ALL	462571.5	3773615	NonCancer	0.00E+00	3.58E-09	0.00E+00	2.53E-10	2.53E-10	1.19E-07	1.19E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.08E-07	0.00E+00	0.00E+00	1.19E-05
4169	ALL	462562.8	3773612	NonCancer	0.00E+00	3.53E-09	0.00E+00	2.49E-10	2.49E-10	1.18E-07	1.18E-05	0.00E+00	1.09E-08	0.00E+00	2.49E-10	4.03E-07	0.00E+00	0.00E+00	1.18E-05
4170	ALL	462556.9	3773603	NonCancer	0.00E+00	3.52E-09	0.00E+00	2.49E-10	2.49E-10	1.17E-07	1.18E-05	0.00E+00	1.08E-08	0.00E+00	2.49E-10	4.02E-07	0.00E+00	0.00E+00	1.18E-05
4171	ALL	462553.3	3773595	NonCancer	0.00E+00	3.53E-09	0.00E+00	2.49E-10	2.49E-10	1.18E-07	1.18E-05	0.00E+00	1.09E-08	0.00E+00	2.49E-10	4.03E-07	0.00E+00	0.00E+00	1.18E-05
4172	ALL	462549.6	3773586	NonCancer	0.00E+00	3.55E-09	0.00E+00	2.51E-10	2.51E-10	1.19E-07	1.19E-05	0.00E+00	1.09E-08	0.00E+00	2.51E-10	4.06E-07	0.00E+00	0.00E+00	1.19E-05
4173	ALL	462546	3773578	NonCancer	0.00E+00	3.57E-09	0.00E+00	2.52E-10	2.52E-10	1.19E-07	1.20E-05	0.00E+00	1.10E-08	0.00E+00	2.52E-10	4.08E-07	0.00E+00	0.00E+00	1.20E-05
4174	ALL	462542.4	3773569	NonCancer	0.00E+00	3.59E-09	0.00E+00	2.53E-10	2.53E-10	1.20E-07	1.21E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.09E-07	0.00E+00	0.00E+00	1.21E-05
4175	ALL	462538.7	3773560	NonCancer	0.00E+00	3.59E-09	0.00E+00	2.54E-10	2.54E-10	1.20E-07	1.21E-05	0.00E+00	1.11E-08	0.00E+00	2.54E-10	4.10E-07	0.00E+00	0.00E+00	1.21E-05
4176	ALL	462520.5	3773517	NonCancer	0.00E+00	3.61E-09	0.00E+00	2.55E-10	2.55E-10	1.20E-07	1.23E-05	0.00E+00	1.11E-08	0.00E+00	2.55E-10	4.12E-07	0.00E+00	0.00E+00	1.23E-05
4177	ALL	462516.9	3773509	NonCancer	0.00E+00	3.61E-09	0.00E+00	2.55E-10	2.55E-10	1.20E-07	1.24E-05	0.00E+00	1.11E-08	0.00E+00	2.55E-10	4.12E-07	0.00E+00	0.00E+00	1.24E-05
4178	ALL	462513.2	3773500	NonCancer	0.00E+00	3.62E-09	0.00E+00	2.56E-10	2.56E-10	1.21E-07	1.24E-05	0.00E+00	1.12E-08	0.00E+00	2.56E-10	4.14E-07	0.00E+00	0.00E+00	1.24E-05
4179	ALL	462509.6	3773491	NonCancer	0.00E+00	3.64E-09	0.00E+00	2.57E-10	2.57E-10	1.21E-07	1.25E-05	0.00E+00	1.12E-08	0.00E+00	2.57E-10	4.16E-07	0.00E+00	0.00E+00	1.25E-05
4180	ALL	462495.1	3773457	NonCancer	0.00E+00	3.66E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.27E-05	0.00E+00	1.13E-08	0.00E+00	2.58E-10	4.17E-07	0.00E+00	0.00E+00	1.27E-05
4181	ALL	462491.4	3773448	NonCancer	0.00E+00	3.65E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.27E-05	0.00E+00	1.12E-08	0.00E+00	2.58E-10	4.16E-07	0.00E+00	0.00E+00	1.27E-05
4182	ALL	462487.8	3773440	NonCancer	0.00E+00	3.65E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.27E-05	0.00E+00	1.12E-08	0.00E+00	2.58E-10	4.17E-07	0.00E+00	0.00E+00	1.27E-05
4183	ALL	462484.1	3773431	NonCancer	0.00E+00	3.65E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.28E-05	0.00E+00	1.13E-08	0.00E+00	2.58E-10	4.17E-07	0.00E+00	0.00E+00	1.28E-05
4184	ALL	462480.5	3773423	NonCancer	0.00E+00	3.66E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.28E-05	0.00E+00	1.13E-08	0.00E+00	2.58E-10	4.17E-07	0.00E+00	0.00E+00	1.28E-05
4185	ALL	462476.9	3773414	NonCancer	0.00E+00	3.65E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.28E-05	0.00E+00	1.12E-08	0.00E+00	2.58E-10	4.17E-07	0.00E+00	0.00E+00	1.28E-05
4186	ALL	462473.2	3773405	NonCancer	0.00E+00	3.64E-09	0.00E+00	2.57E-10	2.57E-10	1.21E-07	1.28E-05	0.00E+00	1.12E-08	0.00E+00	2.57E-10	4.16E-07	0.00E+00	0.00E+00	1.28E-05
4187	ALL	462469.6	3773397	NonCancer	0.00E+00	3.63E-09	0.00E+00	2.56E-10	2.56E-10	1.21E-07	1.28E-05	0.00E+00	1.12E-08	0.00E+00	2.56E-10	4.14E-07	0.00E+00	0.00E+00	1.28E-05
4188	ALL	462465.9	3773388	NonCancer	0.00E+00	3.61E-09	0.00E+00	2.55E-10	2.55E-10	1.21E-07	1.27E-05	0.00E+00	1.11E-08	0.00E+00	2.55E-10	4.13E-07	0.00E+00	0.00E+00	1.27E-05
4189	ALL	462462.3	3773379	NonCancer	0.00E+00	3.61E-09	0.00E+00	2.55E-10	2.55E-10	1.20E-07	1.29E-05	0.00E+00	1.11E-08	0.00E+00	2.55E-10	4.12E-07	0.00E+00	0.00E+00	1.29E-05
4190	ALL	462458.7	3773371	NonCancer	0.00E+00	3.60E-09	0.00E+00	2.54E-10	2.54E-10	1.20E-07	1.29E-05	0.00E+00	1.11E-08	0.00E+00	2.54E-10	4.11E-07	0.00E+00	0.00E+00	1.29E-05
4191	ALL	462455	3773362	NonCancer	0.00E+00	3.59E-09	0.00E+00	2.53E-10	2.53E-10	1.20E-07	1.28E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.09E-07	0.00E+00	0.00E+00	1.28E-05
4192	ALL	462451.4	3773354	NonCancer	0.00E+00	3.57E-09	0.00E+00	2.52E-10	2.52E-10	1.19E-07	1.28E-05	0.00E+00	1.10E-08	0.00E+00	2.52E-10	4.08E-07	0.00E+00	0.00E+00	1.28E-05
4193	ALL	462447.7	3773345	NonCancer	0.00E+00	3.55E-09	0.00E+00	2.51E-10	2.51E-10	1.19E-07	1.27E-05	0.00E+00	1.09E-08	0.00E+00	2.51E-10	4.06E-07	0.00E+00	0.00E+00	1.27E-05
4194	ALL	462444.1	3773336	NonCancer	0.00E+00	3.54E-09	0.00E+00	2.50E-10	2.50E-10	1.18E-07	1.27E-05	0.00E+00	1.09E-08	0.00E+00	2.50E-10	4.04E-07	0.00E+00	0.00E+00	1.27E-05
4195	ALL	462440.5	3773328	NonCancer	0.00E+00	3.52E-09	0.00E+00	2.49E-10	2.49E-10	1.17E-07	1.26E-05	0.00E+00	1.08E-08	0.00E+00	2.49E-10	4.02E-07	0.00E+00	0.00E+00	1.26E-05
4196	ALL	462436.8	3773319	NonCancer	0.00E+00	3.50E-09	0.00E+00	2.47E-10	2.47E-10	1.17E-07	1.26E-05	0.00E+00	1.08E-08	0.00E+00	2.47E-10	3.99E-07	0.00E+00	0.00E+00	1.26E-05
4197	ALL	462433.2	3773311	NonCancer	0.00E+00	3.48E-09	0.00E+00	2.46E-10	2.46E-10	1.16E-07	1.25E-05	0.00E+00	1.07E-08	0.00E+00	2.46E-10	3.97E-07	0.00E+00	0.00E+00	1.25E-05
4198	ALL	462429.6	3773302	NonCancer	0.00E+00	3.46E-09	0.00E+00	2.44E-10	2.44E-10	1.15E-07	1.25E-05	0.00E+00	1.07E-08	0.00E+00	2.44E-10	3.95E-07	0.00E+00	0.00E+00	1.25E-05
4199	ALL	462425.9	3773293	NonCancer	0.00E+00	3.44E-09	0.00E+00	2.43E-10	2.43E-10	1.15E-07	1.24E-05	0.00E+00	1.06E-08	0.00E+00	2.43E-10	3.93E-07	0.00E+00	0.00E+00	1.24E-05
4200	ALL	462422.3	3773285	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.23E-05	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.90E-07	0.00E+00	0.00E+00	1.23E-05
4201	ALL	462418.6	3773276	NonCancer	0.00E+00	3.40E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.23E-05	0.00E+00	1.05E-08	0.00E+00	2.40E-10	3.88E-07	0.00E+00	0.00E+00	1.23E-05
4202	ALL	462917.5	3773788	NonCancer	0.00E+00	5.11E-09	0.00E+00	3.61E-10	3.61E-10	1.70E-07	1.55E-05	0.00E+00	1.57E-08	0.00E+00	3.61E-10	5.83E-07	0.00E+00	0.00E+00	1.55E-05
4203	ALL	462908.8	3773784	NonCancer	0.00E+00	5.06E-09	0.00E+00	3.57E-10	3.57E-10	1.69E-07	1.54E-05	0.00E+00	1.56E-08	0.00E+00	3.57E-10	5.77E-07	0.00E+00	0.00E+00	1.54E-05
4204	ALL	462900.2	3773781	NonCancer	0.00E+00	5.00E-09	0.00E+00	3.53E-10	3.53E-10	1.67E-07	1.53E-05	0.00E+00	1.54E-08	0.00E+00	3.53E-10	5.71E-07	0.00E+00	0.00E+00	1.53E-05
4205	ALL	462891.6	3773777	NonCancer	0.00E+00	4.95E-09	0.00E+00	3.50E-10	3.50E-10	1.65E-07	1.51E-05	0.00E+00	1.52E-08	0.00E+00	3.50E-10	5.65E-07	0.00E+00	0.00E+00	1.51E-05
4206	ALL	462882.9	3773774	NonCancer	0.00E+00	4.91E-09	0.00E+00	3.47E-10	3.47E-10	1.64E-07	1.51E-05	0.00E+00	1.51E-08	0.00E+00	3.47E-10	5.60E-07	0.00E+00	0.00E+00	1.51E-05
4207	ALL	462874.3	3773770	NonCancer	0.00E+00	4.86E-09	0.00E+00	3.44E-10	3.44E-10	1.62E-07	1.50E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.55E-07	0.00E+00	0.00E+00	1.50E-05
4208	ALL	462865.6	3773766	NonCancer	0.00E+00	4.81E-09	0.00E+00	3.40E-10	3.40E-10	1.61E-07	1.49E-05	0.00E+00	1.48E-08	0.00E+00	3.40E-10	5.49E-07	0.00E+00	0.00E+00	1.49E-05
4209	ALL	462857	3773763	NonCancer	0.00E+00	4.76E-09	0.00E+00	3.36E-10	3.36E-10	1.59E-07	1.47E-05	0.00E+00	1.46E-08	0.00E+00	3.36E-10	5.43E-07	0.00E+00	0.00E+00	1.47E-05
4210	ALL	462848.4	3773759	NonCancer	0.00E+00	4.69E-09	0.00E+00	3.32E-10	3.32E-10	1.57E-07	1.46E-05	0.00E+00	1.45E-08	0.00E+00	3.32E-10	5.36E-07	0.00E+00	0.00E+00	1.46E-05

4211	ALL	462839.7	3773756	NonCancer	0.00E+00	4.65E-09	0.00E+00	3.28E-10	3.28E-10	1.55E-07	1.45E-05	0.00E+00	1.43E-08	0.00E+00	3.28E-10	5.30E-07	0.00E+00	0.00E+00	1.45E-05
4212	ALL	462831.1	3773752	NonCancer	0.00E+00	4.60E-09	0.00E+00	3.25E-10	3.25E-10	1.53E-07	1.43E-05	0.00E+00	1.42E-08	0.00E+00	3.25E-10	5.25E-07	0.00E+00	0.00E+00	1.43E-05
4213	ALL	462822.5	3773749	NonCancer	0.00E+00	4.55E-09	0.00E+00	3.22E-10	3.22E-10	1.52E-07	1.42E-05	0.00E+00	1.40E-08	0.00E+00	3.22E-10	5.19E-07	0.00E+00	0.00E+00	1.42E-05
4214	ALL	462813.8	3773745	NonCancer	0.00E+00	4.51E-09	0.00E+00	3.19E-10	3.19E-10	1.50E-07	1.41E-05	0.00E+00	1.39E-08	0.00E+00	3.19E-10	5.15E-07	0.00E+00	0.00E+00	1.41E-05
4215	ALL	462805.2	3773742	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.41E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.41E-05
4216	ALL	462796.5	3773738	NonCancer	0.00E+00	4.44E-09	0.00E+00	3.14E-10	3.14E-10	1.48E-07	1.40E-05	0.00E+00	1.37E-08	0.00E+00	3.14E-10	5.07E-07	0.00E+00	0.00E+00	1.40E-05
4217	ALL	462787.9	3773734	NonCancer	0.00E+00	4.41E-09	0.00E+00	3.12E-10	3.12E-10	1.47E-07	1.39E-05	0.00E+00	1.36E-08	0.00E+00	3.12E-10	5.03E-07	0.00E+00	0.00E+00	1.39E-05
4218	ALL	462779.3	3773731	NonCancer	0.00E+00	4.36E-09	0.00E+00	3.08E-10	3.08E-10	1.45E-07	1.38E-05	0.00E+00	1.34E-08	0.00E+00	3.08E-10	4.98E-07	0.00E+00	0.00E+00	1.38E-05
4219	ALL	462770.6	3773727	NonCancer	0.00E+00	4.30E-09	0.00E+00	3.04E-10	3.04E-10	1.43E-07	1.37E-05	0.00E+00	1.32E-08	0.00E+00	3.04E-10	4.91E-07	0.00E+00	0.00E+00	1.37E-05
4220	ALL	462762	3773724	NonCancer	0.00E+00	4.24E-09	0.00E+00	3.00E-10	3.00E-10	1.41E-07	1.35E-05	0.00E+00	1.31E-08	0.00E+00	3.00E-10	4.84E-07	0.00E+00	0.00E+00	1.35E-05
4221	ALL	462753.3	3773720	NonCancer	0.00E+00	4.19E-09	0.00E+00	2.96E-10	2.96E-10	1.40E-07	1.34E-05	0.00E+00	1.29E-08	0.00E+00	2.96E-10	4.78E-07	0.00E+00	0.00E+00	1.34E-05
4222	ALL	462744.7	3773717	NonCancer	0.00E+00	4.14E-09	0.00E+00	2.93E-10	2.93E-10	1.38E-07	1.32E-05	0.00E+00	1.28E-08	0.00E+00	2.93E-10	4.73E-07	0.00E+00	0.00E+00	1.32E-05
4223	ALL	462736.1	3773713	NonCancer	0.00E+00	4.11E-09	0.00E+00	2.91E-10	2.91E-10	1.37E-07	1.32E-05	0.00E+00	1.27E-08	0.00E+00	2.91E-10	4.69E-07	0.00E+00	0.00E+00	1.32E-05
4224	ALL	462727.4	3773710	NonCancer	0.00E+00	4.08E-09	0.00E+00	2.88E-10	2.88E-10	1.36E-07	1.31E-05	0.00E+00	1.26E-08	0.00E+00	2.88E-10	4.66E-07	0.00E+00	0.00E+00	1.31E-05
4225	ALL	462718.8	3773706	NonCancer	0.00E+00	4.05E-09	0.00E+00	2.86E-10	2.86E-10	1.35E-07	1.30E-05	0.00E+00	1.25E-08	0.00E+00	2.86E-10	4.62E-07	0.00E+00	0.00E+00	1.30E-05
4226	ALL	462710.2	3773702	NonCancer	0.00E+00	4.02E-09	0.00E+00	2.84E-10	2.84E-10	1.34E-07	1.29E-05	0.00E+00	1.24E-08	0.00E+00	2.84E-10	4.59E-07	0.00E+00	0.00E+00	1.29E-05
4227	ALL	462701.5	3773699	NonCancer	0.00E+00	3.99E-09	0.00E+00	2.82E-10	2.82E-10	1.33E-07	1.29E-05	0.00E+00	1.23E-08	0.00E+00	2.82E-10	4.55E-07	0.00E+00	0.00E+00	1.29E-05
4228	ALL	462692.9	3773695	NonCancer	0.00E+00	3.96E-09	0.00E+00	2.80E-10	2.80E-10	1.32E-07	1.28E-05	0.00E+00	1.22E-08	0.00E+00	2.80E-10	4.52E-07	0.00E+00	0.00E+00	1.28E-05
4229	ALL	462684.2	3773692	NonCancer	0.00E+00	3.93E-09	0.00E+00	2.77E-10	2.77E-10	1.31E-07	1.27E-05	0.00E+00	1.21E-08	0.00E+00	2.77E-10	4.48E-07	0.00E+00	0.00E+00	1.27E-05
4230	ALL	462675.6	3773688	NonCancer	0.00E+00	3.90E-09	0.00E+00	2.75E-10	2.75E-10	1.30E-07	1.26E-05	0.00E+00	1.20E-08	0.00E+00	2.75E-10	4.45E-07	0.00E+00	0.00E+00	1.26E-05
4231	ALL	462667	3773685	NonCancer	0.00E+00	3.86E-09	0.00E+00	2.73E-10	2.73E-10	1.29E-07	1.25E-05	0.00E+00	1.19E-08	0.00E+00	2.73E-10	4.40E-07	0.00E+00	0.00E+00	1.25E-05
4232	ALL	462658.3	3773681	NonCancer	0.00E+00	3.82E-09	0.00E+00	2.70E-10	2.70E-10	1.27E-07	1.24E-05	0.00E+00	1.17E-08	0.00E+00	2.70E-10	4.35E-07	0.00E+00	0.00E+00	1.24E-05
4233	ALL	462649.7	3773678	NonCancer	0.00E+00	3.77E-09	0.00E+00	2.67E-10	2.67E-10	1.26E-07	1.23E-05	0.00E+00	1.16E-08	0.00E+00	2.67E-10	4.31E-07	0.00E+00	0.00E+00	1.23E-05
4234	ALL	462641	3773674	NonCancer	0.00E+00	3.73E-09	0.00E+00	2.63E-10	2.63E-10	1.24E-07	1.22E-05	0.00E+00	1.15E-08	0.00E+00	2.63E-10	4.26E-07	0.00E+00	0.00E+00	1.22E-05
4235	ALL	462632.4	3773670	NonCancer	0.00E+00	3.69E-09	0.00E+00	2.60E-10	2.60E-10	1.23E-07	1.21E-05	0.00E+00	1.13E-08	0.00E+00	2.60E-10	4.21E-07	0.00E+00	0.00E+00	1.21E-05
4236	ALL	462606.5	3773660	NonCancer	0.00E+00	3.56E-09	0.00E+00	2.51E-10	2.51E-10	1.19E-07	1.17E-05	0.00E+00	1.10E-08	0.00E+00	2.51E-10	4.06E-07	0.00E+00	0.00E+00	1.17E-05
4237	ALL	462597.9	3773656	NonCancer	0.00E+00	3.52E-09	0.00E+00	2.49E-10	2.49E-10	1.17E-07	1.16E-05	0.00E+00	1.08E-08	0.00E+00	2.49E-10	4.01E-07	0.00E+00	0.00E+00	1.16E-05
4238	ALL	462589.2	3773653	NonCancer	0.00E+00	3.49E-09	0.00E+00	2.46E-10	2.46E-10	1.16E-07	1.15E-05	0.00E+00	1.07E-08	0.00E+00	2.46E-10	3.98E-07	0.00E+00	0.00E+00	1.15E-05
4239	ALL	462580.6	3773649	NonCancer	0.00E+00	3.46E-09	0.00E+00	2.44E-10	2.44E-10	1.15E-07	1.14E-05	0.00E+00	1.06E-08	0.00E+00	2.44E-10	3.94E-07	0.00E+00	0.00E+00	1.14E-05
4240	ALL	462571.9	3773646	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.13E-05	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.91E-07	0.00E+00	0.00E+00	1.13E-05
4241	ALL	462563.3	3773642	NonCancer	0.00E+00	3.39E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.12E-05	0.00E+00	1.04E-08	0.00E+00	2.40E-10	3.87E-07	0.00E+00	0.00E+00	1.12E-05
4242	ALL	462554.7	3773638	NonCancer	0.00E+00	3.36E-09	0.00E+00	2.37E-10	2.37E-10	1.12E-07	1.11E-05	0.00E+00	1.03E-08	0.00E+00	2.37E-10	3.83E-07	0.00E+00	0.00E+00	1.11E-05
4243	ALL	462546	3773635	NonCancer	0.00E+00	3.33E-09	0.00E+00	2.35E-10	2.35E-10	1.11E-07	1.10E-05	0.00E+00	1.02E-08	0.00E+00	2.35E-10	3.80E-07	0.00E+00	0.00E+00	1.10E-05
4244	ALL	462538.2	3773631	NonCancer	0.00E+00	3.31E-09	0.00E+00	2.34E-10	2.34E-10	1.10E-07	1.10E-05	0.00E+00	1.02E-08	0.00E+00	2.34E-10	3.77E-07	0.00E+00	0.00E+00	1.10E-05
4245	ALL	462520.1	3773588	NonCancer	0.00E+00	3.33E-09	0.00E+00	2.36E-10	2.36E-10	1.11E-07	1.12E-05	0.00E+00	1.03E-08	0.00E+00	2.36E-10	3.80E-07	0.00E+00	0.00E+00	1.12E-05
4246	ALL	462516.4	3773579	NonCancer	0.00E+00	3.33E-09	0.00E+00	2.36E-10	2.36E-10	1.11E-07	1.12E-05	0.00E+00	1.03E-08	0.00E+00	2.36E-10	3.81E-07	0.00E+00	0.00E+00	1.12E-05
4247	ALL	462512.8	3773570	NonCancer	0.00E+00	3.34E-09	0.00E+00	2.36E-10	2.36E-10	1.11E-07	1.12E-05	0.00E+00	1.03E-08	0.00E+00	2.36E-10	3.81E-07	0.00E+00	0.00E+00	1.12E-05
4248	ALL	462509.2	3773562	NonCancer	0.00E+00	3.35E-09	0.00E+00	2.37E-10	2.37E-10	1.12E-07	1.13E-05	0.00E+00	1.03E-08	0.00E+00	2.37E-10	3.82E-07	0.00E+00	0.00E+00	1.13E-05
4249	ALL	462505.5	3773553	NonCancer	0.00E+00	3.37E-09	0.00E+00	2.38E-10	2.38E-10	1.12E-07	1.14E-05	0.00E+00	1.04E-08	0.00E+00	2.38E-10	3.84E-07	0.00E+00	0.00E+00	1.14E-05
4250	ALL	462501.9	3773544	NonCancer	0.00E+00	3.39E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	1.15E-05	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.87E-07	0.00E+00	0.00E+00	1.15E-05
4251	ALL	462491	3773519	NonCancer	0.00E+00	3.40E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.16E-05	0.00E+00	1.05E-08	0.00E+00	2.40E-10	3.88E-07	0.00E+00	0.00E+00	1.16E-05
4252	ALL	462487.3	3773510	NonCancer	0.00E+00	3.40E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.16E-05	0.00E+00	1.05E-08	0.00E+00	2.40E-10	3.88E-07	0.00E+00	0.00E+00	1.16E-05
4253	ALL	462483.7	3773501	NonCancer	0.00E+00	3.40E-09	0.00E+00	2.41E-10	2.41E-10	1.14E-07	1.16E-05	0.00E+00	1.05E-08	0.00E+00	2.41E-10	3.89E-07	0.00E+00	0.00E+00	1.16E-05
4254	ALL	462480.1	3773493	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.17E-05	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.90E-07	0.00E+00	0.00E+00	1.17E-05
4255	ALL	462465.5	3773458	NonCancer	0.00E+00	3.43E-09	0.00E+00	2.43E-10	2.43E-10	1.15E-07	1.19E-05	0.00E+00	1.06E-08	0.00E+00	2.43E-10	3.92E-07	0.00E+00	0.00E+00	1.19E-05
4256	ALL	462461.9	3773450	NonCancer	0.00E+00	3.43E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.19E-05	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.91E-07	0.00E+00	0.00E+00	1.19E-05
4257	ALL	462458.3	3773441	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.19E-05	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.91E-07	0.00E+00	0.00E+00	1.19E-05
4258	ALL	462454.6	3773433	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.19E-05	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.91E-07	0.00E+00	0.00E+00	1.19E-05
4259	ALL	462451	3773424	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.19E-05	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.90E-07	0.00E+00	0.00E+00	1.19E-05
4260	ALL	462447.4	3773415	NonCancer	0.00E+00	3.41E-09	0.00E+00	2.41E-10	2.41E-10	1.14E-07	1.19E-05	0.00E+00	1.05E-08	0.00E+00	2.41E-10	3.89E-07	0.00E+00	0.00E+00	1.19E-05
4261	ALL	462443.7	3773407	NonCancer	0.00E+00	3.40E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.19E-05	0.00E+00	1.05E-08	0.00E+00	2.40E-10	3.88E-07	0.00E+00	0.00E+00	1.19E-05
4262	ALL	462440.1	3773398	NonCancer	0.00E+00	3.39E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.19E-05	0.00E+00	1.04E-08	0.00E+00	2.40E-10	3.87E-07	0.00E+00	0.00E+00	1.19E-05
4263	ALL	462436.5	3773390	NonCancer	0.00E+00	3.39E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	1.19E-05	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.87E-07	0.00E+00	0.00E+00	1.19E-05
4264	ALL	462432.8	3773381	NonCancer	0.00E+00	3.38E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	1.19E-05	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.85E-07	0.00E+00	0.00E+00	1.19E-05

4265	ALL	462429.2	3773372	NonCancer	0.00E+00	3.36E-09	0.00E+00	2.38E-10	2.38E-10	1.12E-07	1.18E-05	0.00E+00	1.04E-08	0.00E+00	2.38E-10	3.84E-07	0.00E+00	0.00E+00	1.18E-05
4266	ALL	462425.6	3773364	NonCancer	0.00E+00	3.35E-09	0.00E+00	2.37E-10	2.37E-10	1.12E-07	1.18E-05	0.00E+00	1.03E-08	0.00E+00	2.37E-10	3.82E-07	0.00E+00	0.00E+00	1.18E-05
4267	ALL	462421.9	3773355	NonCancer	0.00E+00	3.33E-09	0.00E+00	2.36E-10	2.36E-10	1.11E-07	1.17E-05	0.00E+00	1.03E-08	0.00E+00	2.36E-10	3.80E-07	0.00E+00	0.00E+00	1.17E-05
4268	ALL	462418.3	3773347	NonCancer	0.00E+00	3.33E-09	0.00E+00	2.35E-10	2.35E-10	1.11E-07	1.19E-05	0.00E+00	1.02E-08	0.00E+00	2.35E-10	3.80E-07	0.00E+00	0.00E+00	1.19E-05
4269	ALL	462414.7	3773338	NonCancer	0.00E+00	3.31E-09	0.00E+00	2.34E-10	2.34E-10	1.11E-07	1.18E-05	0.00E+00	1.02E-08	0.00E+00	2.34E-10	3.78E-07	0.00E+00	0.00E+00	1.18E-05
4270	ALL	462411	3773329	NonCancer	0.00E+00	3.30E-09	0.00E+00	2.33E-10	2.33E-10	1.10E-07	1.18E-05	0.00E+00	1.02E-08	0.00E+00	2.33E-10	3.77E-07	0.00E+00	0.00E+00	1.18E-05
4271	ALL	462407.4	3773321	NonCancer	0.00E+00	3.28E-09	0.00E+00	2.32E-10	2.32E-10	1.10E-07	1.17E-05	0.00E+00	1.01E-08	0.00E+00	2.32E-10	3.75E-07	0.00E+00	0.00E+00	1.17E-05
4272	ALL	462403.8	3773312	NonCancer	0.00E+00	3.27E-09	0.00E+00	2.31E-10	2.31E-10	1.09E-07	1.17E-05	0.00E+00	1.01E-08	0.00E+00	2.31E-10	3.73E-07	0.00E+00	0.00E+00	1.17E-05
4273	ALL	462400.1	3773304	NonCancer	0.00E+00	3.25E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.16E-05	0.00E+00	1.00E-08	0.00E+00	2.29E-10	3.71E-07	0.00E+00	0.00E+00	1.16E-05
4274	ALL	462396.5	3773295	NonCancer	0.00E+00	3.23E-09	0.00E+00	2.28E-10	2.28E-10	1.08E-07	1.16E-05	0.00E+00	9.94E-09	0.00E+00	2.28E-10	3.68E-07	0.00E+00	0.00E+00	1.16E-05
4275	ALL	462917.5	3773818	NonCancer	0.00E+00	4.88E-09	0.00E+00	3.44E-10	3.44E-10	1.63E-07	1.47E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.56E-07	0.00E+00	0.00E+00	1.47E-05
4276	ALL	462908.8	3773814	NonCancer	0.00E+00	4.83E-09	0.00E+00	3.42E-10	3.42E-10	1.61E-07	1.46E-05	0.00E+00	1.49E-08	0.00E+00	3.42E-10	5.52E-07	0.00E+00	0.00E+00	1.46E-05
4277	ALL	462900.2	3773811	NonCancer	0.00E+00	4.79E-09	0.00E+00	3.39E-10	3.39E-10	1.60E-07	1.45E-05	0.00E+00	1.48E-08	0.00E+00	3.39E-10	5.47E-07	0.00E+00	0.00E+00	1.45E-05
4278	ALL	462891.6	3773807	NonCancer	0.00E+00	4.75E-09	0.00E+00	3.36E-10	3.36E-10	1.59E-07	1.44E-05	0.00E+00	1.46E-08	0.00E+00	3.36E-10	5.43E-07	0.00E+00	0.00E+00	1.44E-05
4279	ALL	462883	3773804	NonCancer	0.00E+00	4.71E-09	0.00E+00	3.32E-10	3.32E-10	1.57E-07	1.43E-05	0.00E+00	1.45E-08	0.00E+00	3.32E-10	5.37E-07	0.00E+00	0.00E+00	1.43E-05
4280	ALL	462874.3	3773800	NonCancer	0.00E+00	4.66E-09	0.00E+00	3.29E-10	3.29E-10	1.55E-07	1.42E-05	0.00E+00	1.43E-08	0.00E+00	3.29E-10	5.31E-07	0.00E+00	0.00E+00	1.42E-05
4281	ALL	462865.7	3773796	NonCancer	0.00E+00	4.61E-09	0.00E+00	3.26E-10	3.26E-10	1.54E-07	1.41E-05	0.00E+00	1.42E-08	0.00E+00	3.26E-10	5.26E-07	0.00E+00	0.00E+00	1.41E-05
4282	ALL	462857.1	3773793	NonCancer	0.00E+00	4.56E-09	0.00E+00	3.22E-10	3.22E-10	1.52E-07	1.40E-05	0.00E+00	1.40E-08	0.00E+00	3.22E-10	5.20E-07	0.00E+00	0.00E+00	1.40E-05
4283	ALL	462848.5	3773789	NonCancer	0.00E+00	4.51E-09	0.00E+00	3.19E-10	3.19E-10	1.50E-07	1.39E-05	0.00E+00	1.39E-08	0.00E+00	3.19E-10	5.15E-07	0.00E+00	0.00E+00	1.39E-05
4284	ALL	462839.8	3773786	NonCancer	0.00E+00	4.45E-09	0.00E+00	3.15E-10	3.15E-10	1.49E-07	1.38E-05	0.00E+00	1.37E-08	0.00E+00	3.15E-10	5.08E-07	0.00E+00	0.00E+00	1.38E-05
4285	ALL	462831.2	3773782	NonCancer	0.00E+00	4.41E-09	0.00E+00	3.11E-10	3.11E-10	1.47E-07	1.36E-05	0.00E+00	1.36E-08	0.00E+00	3.11E-10	5.03E-07	0.00E+00	0.00E+00	1.36E-05
4286	ALL	462822.6	3773779	NonCancer	0.00E+00	4.37E-09	0.00E+00	3.09E-10	3.09E-10	1.46E-07	1.36E-05	0.00E+00	1.34E-08	0.00E+00	3.09E-10	4.99E-07	0.00E+00	0.00E+00	1.36E-05
4287	ALL	462813.9	3773775	NonCancer	0.00E+00	4.33E-09	0.00E+00	3.06E-10	3.06E-10	1.44E-07	1.35E-05	0.00E+00	1.33E-08	0.00E+00	3.06E-10	4.94E-07	0.00E+00	0.00E+00	1.35E-05
4288	ALL	462805.3	3773772	NonCancer	0.00E+00	4.29E-09	0.00E+00	3.03E-10	3.03E-10	1.43E-07	1.34E-05	0.00E+00	1.32E-08	0.00E+00	3.03E-10	4.89E-07	0.00E+00	0.00E+00	1.34E-05
4289	ALL	462796.7	3773768	NonCancer	0.00E+00	4.24E-09	0.00E+00	3.00E-10	3.00E-10	1.42E-07	1.33E-05	0.00E+00	1.31E-08	0.00E+00	3.00E-10	4.84E-07	0.00E+00	0.00E+00	1.33E-05
4290	ALL	462788.1	3773765	NonCancer	0.00E+00	4.20E-09	0.00E+00	2.97E-10	2.97E-10	1.40E-07	1.32E-05	0.00E+00	1.29E-08	0.00E+00	2.97E-10	4.79E-07	0.00E+00	0.00E+00	1.32E-05
4291	ALL	462779.4	3773761	NonCancer	0.00E+00	4.16E-09	0.00E+00	2.94E-10	2.94E-10	1.39E-07	1.31E-05	0.00E+00	1.28E-08	0.00E+00	2.94E-10	4.75E-07	0.00E+00	0.00E+00	1.31E-05
4292	ALL	462770.8	3773757	NonCancer	0.00E+00	4.12E-09	0.00E+00	2.91E-10	2.91E-10	1.37E-07	1.30E-05	0.00E+00	1.27E-08	0.00E+00	2.91E-10	4.70E-07	0.00E+00	0.00E+00	1.30E-05
4293	ALL	462762.2	3773754	NonCancer	0.00E+00	4.07E-09	0.00E+00	2.88E-10	2.88E-10	1.36E-07	1.29E-05	0.00E+00	1.25E-08	0.00E+00	2.88E-10	4.65E-07	0.00E+00	0.00E+00	1.29E-05
4294	ALL	462753.5	3773750	NonCancer	0.00E+00	4.03E-09	0.00E+00	2.85E-10	2.85E-10	1.34E-07	1.28E-05	0.00E+00	1.24E-08	0.00E+00	2.85E-10	4.60E-07	0.00E+00	0.00E+00	1.28E-05
4295	ALL	462744.9	3773747	NonCancer	0.00E+00	3.99E-09	0.00E+00	2.82E-10	2.82E-10	1.33E-07	1.26E-05	0.00E+00	1.23E-08	0.00E+00	2.82E-10	4.55E-07	0.00E+00	0.00E+00	1.26E-05
4296	ALL	462736.3	3773743	NonCancer	0.00E+00	3.95E-09	0.00E+00	2.79E-10	2.79E-10	1.32E-07	1.25E-05	0.00E+00	1.22E-08	0.00E+00	2.79E-10	4.51E-07	0.00E+00	0.00E+00	1.25E-05
4297	ALL	462727.7	3773740	NonCancer	0.00E+00	3.91E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.24E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.46E-07	0.00E+00	0.00E+00	1.24E-05
4298	ALL	462719	3773736	NonCancer	0.00E+00	3.87E-09	0.00E+00	2.73E-10	2.73E-10	1.29E-07	1.23E-05	0.00E+00	1.19E-08	0.00E+00	2.73E-10	4.41E-07	0.00E+00	0.00E+00	1.23E-05
4299	ALL	462710.4	3773733	NonCancer	0.00E+00	3.83E-09	0.00E+00	2.70E-10	2.70E-10	1.28E-07	1.22E-05	0.00E+00	1.18E-08	0.00E+00	2.70E-10	4.37E-07	0.00E+00	0.00E+00	1.22E-05
4300	ALL	462701.8	3773729	NonCancer	0.00E+00	3.79E-09	0.00E+00	2.68E-10	2.68E-10	1.26E-07	1.21E-05	0.00E+00	1.17E-08	0.00E+00	2.68E-10	4.32E-07	0.00E+00	0.00E+00	1.21E-05
4301	ALL	462693.1	3773725	NonCancer	0.00E+00	3.75E-09	0.00E+00	2.65E-10	2.65E-10	1.25E-07	1.20E-05	0.00E+00	1.15E-08	0.00E+00	2.65E-10	4.28E-07	0.00E+00	0.00E+00	1.20E-05
4302	ALL	462684.5	3773722	NonCancer	0.00E+00	3.71E-09	0.00E+00	2.62E-10	2.62E-10	1.24E-07	1.19E-05	0.00E+00	1.14E-08	0.00E+00	2.62E-10	4.23E-07	0.00E+00	0.00E+00	1.19E-05
4303	ALL	462675.9	3773718	NonCancer	0.00E+00	3.67E-09	0.00E+00	2.59E-10	2.59E-10	1.22E-07	1.18E-05	0.00E+00	1.13E-08	0.00E+00	2.59E-10	4.19E-07	0.00E+00	0.00E+00	1.18E-05
4304	ALL	462667.3	3773715	NonCancer	0.00E+00	3.63E-09	0.00E+00	2.57E-10	2.57E-10	1.21E-07	1.17E-05	0.00E+00	1.12E-08	0.00E+00	2.57E-10	4.15E-07	0.00E+00	0.00E+00	1.17E-05
4305	ALL	462658.6	3773711	NonCancer	0.00E+00	3.60E-09	0.00E+00	2.55E-10	2.55E-10	1.20E-07	1.16E-05	0.00E+00	1.11E-08	0.00E+00	2.55E-10	4.11E-07	0.00E+00	0.00E+00	1.16E-05
4306	ALL	462650	3773708	NonCancer	0.00E+00	3.58E-09	0.00E+00	2.53E-10	2.53E-10	1.19E-07	1.16E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.08E-07	0.00E+00	0.00E+00	1.16E-05
4307	ALL	462641.4	3773704	NonCancer	0.00E+00	3.55E-09	0.00E+00	2.51E-10	2.51E-10	1.18E-07	1.15E-05	0.00E+00	1.09E-08	0.00E+00	2.51E-10	4.05E-07	0.00E+00	0.00E+00	1.15E-05
4308	ALL	462632.8	3773701	NonCancer	0.00E+00	3.52E-09	0.00E+00	2.49E-10	2.49E-10	1.17E-07	1.14E-05	0.00E+00	1.08E-08	0.00E+00	2.49E-10	4.02E-07	0.00E+00	0.00E+00	1.14E-05
4309	ALL	462606.9	3773690	NonCancer	0.00E+00	3.44E-09	0.00E+00	2.43E-10	2.43E-10	1.15E-07	1.12E-05	0.00E+00	1.06E-08	0.00E+00	2.43E-10	3.92E-07	0.00E+00	0.00E+00	1.12E-05
4310	ALL	462598.2	3773686	NonCancer	0.00E+00	3.41E-09	0.00E+00	2.41E-10	2.41E-10	1.14E-07	1.11E-05	0.00E+00	1.05E-08	0.00E+00	2.41E-10	3.89E-07	0.00E+00	0.00E+00	1.11E-05
4311	ALL	462589.6	3773683	NonCancer	0.00E+00	3.37E-09	0.00E+00	2.38E-10	2.38E-10	1.12E-07	1.10E-05	0.00E+00	1.04E-08	0.00E+00	2.38E-10	3.85E-07	0.00E+00	0.00E+00	1.10E-05
4312	ALL	462581	3773679	NonCancer	0.00E+00	3.33E-09	0.00E+00	2.36E-10	2.36E-10	1.11E-07	1.09E-05	0.00E+00	1.03E-08	0.00E+00	2.36E-10	3.81E-07	0.00E+00	0.00E+00	1.09E-05
4313	ALL	462572.4	3773676	NonCancer	0.00E+00	3.30E-09	0.00E+00	2.33E-10	2.33E-10	1.10E-07	1.08E-05	0.00E+00	1.01E-08	0.00E+00	2.33E-10	3.76E-07	0.00E+00	0.00E+00	1.08E-05
4314	ALL	462563.7	3773672	NonCancer	0.00E+00	3.26E-09	0.00E+00	2.30E-10	2.30E-10	1.09E-07	1.07E-05	0.00E+00	1.00E-08	0.00E+00	2.30E-10	3.72E-07	0.00E+00	0.00E+00	1.07E-05
4315	ALL	462555.1	3773669	NonCancer	0.00E+00	3.22E-09	0.00E+00	2.28E-10	2.28E-10	1.07E-07	1.06E-05	0.00E+00	9.92E-09	0.00E+00	2.28E-10	3.68E-07	0.00E+00	0.00E+00	1.06E-05
4316	ALL	462546.5	3773665	NonCancer	0.00E+00	3.18E-09	0.00E+00	2.25E-10	2.25E-10	1.06E-07	1.05E-05	0.00E+00	9.80E-09	0.00E+00	2.25E-10	3.63E-07	0.00E+00	0.00E+00	1.05E-05
4317	ALL	462537.8	3773662	NonCancer	0.00E+00	3.15E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.03E-05	0.00E+00	9.69E-09	0.00E+00	2.22E-10	3.59E-07	0.00E+00	0.00E+00	1.03E-05
4318	ALL	462529.2	3773658	NonCancer	0.00E+00	3.11E-09	0.00E+00	2.20E-10	2.20E-10	1.04E-07	1.02E-05	0.00E+00	9.58E-09	0.00E+00	2.20E-10	3.55E-07	0.00E+00	0.00E+00	1.02E-05

4319	ALL	462520.6	3773654	NonCancer	0.00E+00	3.08E-09	0.00E+00	2.18E-10	2.18E-10	1.03E-07	1.01E-05	0.00E+00	9.48E-09	0.00E+00	2.18E-10	3.51E-07	0.00E+00	0.00E+00	1.01E-05
4320	ALL	462514.7	3773646	NonCancer	0.00E+00	3.09E-09	0.00E+00	2.18E-10	2.18E-10	1.03E-07	1.02E-05	0.00E+00	9.51E-09	0.00E+00	2.18E-10	3.52E-07	0.00E+00	0.00E+00	1.02E-05
4321	ALL	462511.1	3773638	NonCancer	0.00E+00	3.10E-09	0.00E+00	2.19E-10	2.19E-10	1.03E-07	1.03E-05	0.00E+00	9.55E-09	0.00E+00	2.19E-10	3.54E-07	0.00E+00	0.00E+00	1.03E-05
4322	ALL	462507.4	3773629	NonCancer	0.00E+00	3.11E-09	0.00E+00	2.20E-10	2.20E-10	1.04E-07	1.03E-05	0.00E+00	9.58E-09	0.00E+00	2.20E-10	3.55E-07	0.00E+00	0.00E+00	1.03E-05
4323	ALL	462500.2	3773612	NonCancer	0.00E+00	3.13E-09	0.00E+00	2.21E-10	2.21E-10	1.04E-07	1.04E-05	0.00E+00	9.62E-09	0.00E+00	2.21E-10	3.57E-07	0.00E+00	0.00E+00	1.04E-05
4324	ALL	462496.5	3773603	NonCancer	0.00E+00	3.14E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.05E-05	0.00E+00	9.66E-09	0.00E+00	2.22E-10	3.58E-07	0.00E+00	0.00E+00	1.05E-05
4325	ALL	462492.9	3773595	NonCancer	0.00E+00	3.15E-09	0.00E+00	2.23E-10	2.23E-10	1.05E-07	1.05E-05	0.00E+00	9.70E-09	0.00E+00	2.23E-10	3.60E-07	0.00E+00	0.00E+00	1.05E-05
4326	ALL	462489.3	3773586	NonCancer	0.00E+00	3.15E-09	0.00E+00	2.23E-10	2.23E-10	1.05E-07	1.06E-05	0.00E+00	9.71E-09	0.00E+00	2.23E-10	3.60E-07	0.00E+00	0.00E+00	1.06E-05
4327	ALL	462485.6	3773577	NonCancer	0.00E+00	3.15E-09	0.00E+00	2.23E-10	2.23E-10	1.05E-07	1.06E-05	0.00E+00	9.71E-09	0.00E+00	2.23E-10	3.60E-07	0.00E+00	0.00E+00	1.06E-05
4328	ALL	462482	3773569	NonCancer	0.00E+00	3.15E-09	0.00E+00	2.23E-10	2.23E-10	1.05E-07	1.06E-05	0.00E+00	9.71E-09	0.00E+00	2.23E-10	3.60E-07	0.00E+00	0.00E+00	1.06E-05
4329	ALL	462478.4	3773560	NonCancer	0.00E+00	3.17E-09	0.00E+00	2.24E-10	2.24E-10	1.06E-07	1.07E-05	0.00E+00	9.75E-09	0.00E+00	2.24E-10	3.61E-07	0.00E+00	0.00E+00	1.07E-05
4330	ALL	462474.8	3773552	NonCancer	0.00E+00	3.18E-09	0.00E+00	2.25E-10	2.25E-10	1.06E-07	1.08E-05	0.00E+00	9.80E-09	0.00E+00	2.25E-10	3.63E-07	0.00E+00	0.00E+00	1.08E-05
4331	ALL	462471.1	3773543	NonCancer	0.00E+00	3.20E-09	0.00E+00	2.26E-10	2.26E-10	1.07E-07	1.08E-05	0.00E+00	9.86E-09	0.00E+00	2.26E-10	3.65E-07	0.00E+00	0.00E+00	1.08E-05
4332	ALL	462460.2	3773517	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.09E-05	0.00E+00	9.87E-09	0.00E+00	2.27E-10	3.66E-07	0.00E+00	0.00E+00	1.09E-05
4333	ALL	462456.6	3773509	NonCancer	0.00E+00	3.20E-09	0.00E+00	2.26E-10	2.26E-10	1.07E-07	1.09E-05	0.00E+00	9.86E-09	0.00E+00	2.26E-10	3.66E-07	0.00E+00	0.00E+00	1.09E-05
4334	ALL	462453	3773500	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.10E-05	0.00E+00	9.88E-09	0.00E+00	2.27E-10	3.66E-07	0.00E+00	0.00E+00	1.10E-05
4335	ALL	462449.4	3773491	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.10E-05	0.00E+00	9.89E-09	0.00E+00	2.27E-10	3.67E-07	0.00E+00	0.00E+00	1.10E-05
4336	ALL	462434.8	3773457	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.11E-05	0.00E+00	9.89E-09	0.00E+00	2.27E-10	3.67E-07	0.00E+00	0.00E+00	1.11E-05
4337	ALL	462431.2	3773448	NonCancer	0.00E+00	3.22E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.11E-05	0.00E+00	9.91E-09	0.00E+00	2.27E-10	3.67E-07	0.00E+00	0.00E+00	1.11E-05
4338	ALL	462427.6	3773440	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.11E-05	0.00E+00	9.89E-09	0.00E+00	2.27E-10	3.67E-07	0.00E+00	0.00E+00	1.11E-05
4339	ALL	462423.9	3773431	NonCancer	0.00E+00	3.20E-09	0.00E+00	2.26E-10	2.26E-10	1.07E-07	1.11E-05	0.00E+00	9.86E-09	0.00E+00	2.26E-10	3.66E-07	0.00E+00	0.00E+00	1.11E-05
4340	ALL	462420.3	3773423	NonCancer	0.00E+00	3.19E-09	0.00E+00	2.26E-10	2.26E-10	1.07E-07	1.11E-05	0.00E+00	9.83E-09	0.00E+00	2.26E-10	3.65E-07	0.00E+00	0.00E+00	1.11E-05
4341	ALL	462416.7	3773414	NonCancer	0.00E+00	3.19E-09	0.00E+00	2.25E-10	2.25E-10	1.06E-07	1.10E-05	0.00E+00	9.81E-09	0.00E+00	2.25E-10	3.64E-07	0.00E+00	0.00E+00	1.10E-05
4342	ALL	462413.1	3773405	NonCancer	0.00E+00	3.19E-09	0.00E+00	2.25E-10	2.25E-10	1.06E-07	1.11E-05	0.00E+00	9.81E-09	0.00E+00	2.25E-10	3.64E-07	0.00E+00	0.00E+00	1.11E-05
4343	ALL	462409.4	3773397	NonCancer	0.00E+00	3.19E-09	0.00E+00	2.25E-10	2.25E-10	1.06E-07	1.11E-05	0.00E+00	9.81E-09	0.00E+00	2.25E-10	3.64E-07	0.00E+00	0.00E+00	1.11E-05
4344	ALL	462405.8	3773388	NonCancer	0.00E+00	3.18E-09	0.00E+00	2.25E-10	2.25E-10	1.06E-07	1.11E-05	0.00E+00	9.80E-09	0.00E+00	2.25E-10	3.63E-07	0.00E+00	0.00E+00	1.11E-05
4345	ALL	462402.2	3773380	NonCancer	0.00E+00	3.17E-09	0.00E+00	2.24E-10	2.24E-10	1.06E-07	1.11E-05	0.00E+00	9.76E-09	0.00E+00	2.24E-10	3.62E-07	0.00E+00	0.00E+00	1.11E-05
4346	ALL	462398.5	3773371	NonCancer	0.00E+00	3.16E-09	0.00E+00	2.23E-10	2.23E-10	1.05E-07	1.11E-05	0.00E+00	9.72E-09	0.00E+00	2.23E-10	3.60E-07	0.00E+00	0.00E+00	1.11E-05
4347	ALL	462917.5	3773848	NonCancer	0.00E+00	4.64E-09	0.00E+00	3.28E-10	3.28E-10	1.55E-07	1.39E-05	0.00E+00	1.43E-08	0.00E+00	3.28E-10	5.29E-07	0.00E+00	0.00E+00	1.39E-05
4348	ALL	462908.8	3773844	NonCancer	0.00E+00	4.58E-09	0.00E+00	3.24E-10	3.24E-10	1.53E-07	1.37E-05	0.00E+00	1.41E-08	0.00E+00	3.24E-10	5.23E-07	0.00E+00	0.00E+00	1.37E-05
4349	ALL	462900.2	3773841	NonCancer	0.00E+00	4.53E-09	0.00E+00	3.20E-10	3.20E-10	1.51E-07	1.36E-05	0.00E+00	1.40E-08	0.00E+00	3.20E-10	5.17E-07	0.00E+00	0.00E+00	1.36E-05
4350	ALL	462891.5	3773837	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.17E-10	3.17E-10	1.49E-07	1.35E-05	0.00E+00	1.38E-08	0.00E+00	3.17E-10	5.12E-07	0.00E+00	0.00E+00	1.35E-05
4351	ALL	462882.9	3773834	NonCancer	0.00E+00	4.44E-09	0.00E+00	3.14E-10	3.14E-10	1.48E-07	1.34E-05	0.00E+00	1.37E-08	0.00E+00	3.14E-10	5.07E-07	0.00E+00	0.00E+00	1.34E-05
4352	ALL	462874.2	3773830	NonCancer	0.00E+00	4.40E-09	0.00E+00	3.11E-10	3.11E-10	1.47E-07	1.34E-05	0.00E+00	1.36E-08	0.00E+00	3.11E-10	5.03E-07	0.00E+00	0.00E+00	1.34E-05
4353	ALL	462865.6	3773826	NonCancer	0.00E+00	4.37E-09	0.00E+00	3.09E-10	3.09E-10	1.46E-07	1.33E-05	0.00E+00	1.35E-08	0.00E+00	3.09E-10	4.99E-07	0.00E+00	0.00E+00	1.33E-05
4354	ALL	462856.9	3773823	NonCancer	0.00E+00	4.33E-09	0.00E+00	3.06E-10	3.06E-10	1.45E-07	1.32E-05	0.00E+00	1.33E-08	0.00E+00	3.06E-10	4.95E-07	0.00E+00	0.00E+00	1.32E-05
4355	ALL	462848.3	3773819	NonCancer	0.00E+00	4.30E-09	0.00E+00	3.04E-10	3.04E-10	1.43E-07	1.31E-05	0.00E+00	1.32E-08	0.00E+00	3.04E-10	4.90E-07	0.00E+00	0.00E+00	1.31E-05
4356	ALL	462839.6	3773816	NonCancer	0.00E+00	4.24E-09	0.00E+00	3.00E-10	3.00E-10	1.42E-07	1.30E-05	0.00E+00	1.31E-08	0.00E+00	3.00E-10	4.85E-07	0.00E+00	0.00E+00	1.30E-05
4357	ALL	462831	3773812	NonCancer	0.00E+00	4.19E-09	0.00E+00	2.96E-10	2.96E-10	1.40E-07	1.29E-05	0.00E+00	1.29E-08	0.00E+00	2.96E-10	4.78E-07	0.00E+00	0.00E+00	1.29E-05
4358	ALL	462822.3	3773809	NonCancer	0.00E+00	4.12E-09	0.00E+00	2.91E-10	2.91E-10	1.38E-07	1.27E-05	0.00E+00	1.27E-08	0.00E+00	2.91E-10	4.71E-07	0.00E+00	0.00E+00	1.27E-05
4359	ALL	462813.7	3773805	NonCancer	0.00E+00	4.08E-09	0.00E+00	2.88E-10	2.88E-10	1.36E-07	1.26E-05	0.00E+00	1.26E-08	0.00E+00	2.88E-10	4.65E-07	0.00E+00	0.00E+00	1.26E-05
4360	ALL	462805	3773802	NonCancer	0.00E+00	4.05E-09	0.00E+00	2.86E-10	2.86E-10	1.35E-07	1.25E-05	0.00E+00	1.25E-08	0.00E+00	2.86E-10	4.62E-07	0.00E+00	0.00E+00	1.25E-05
4361	ALL	462796.4	3773798	NonCancer	0.00E+00	4.02E-09	0.00E+00	2.84E-10	2.84E-10	1.34E-07	1.25E-05	0.00E+00	1.24E-08	0.00E+00	2.84E-10	4.58E-07	0.00E+00	0.00E+00	1.25E-05
4362	ALL	462787.8	3773794	NonCancer	0.00E+00	3.99E-09	0.00E+00	2.82E-10	2.82E-10	1.33E-07	1.24E-05	0.00E+00	1.23E-08	0.00E+00	2.82E-10	4.55E-07	0.00E+00	0.00E+00	1.24E-05
4363	ALL	462779.1	3773791	NonCancer	0.00E+00	3.96E-09	0.00E+00	2.80E-10	2.80E-10	1.32E-07	1.23E-05	0.00E+00	1.22E-08	0.00E+00	2.80E-10	4.52E-07	0.00E+00	0.00E+00	1.23E-05
4364	ALL	462770.5	3773787	NonCancer	0.00E+00	3.93E-09	0.00E+00	2.78E-10	2.78E-10	1.31E-07	1.23E-05	0.00E+00	1.21E-08	0.00E+00	2.78E-10	4.48E-07	0.00E+00	0.00E+00	1.23E-05
4365	ALL	462761.8	3773784	NonCancer	0.00E+00	3.90E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.22E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.45E-07	0.00E+00	0.00E+00	1.22E-05
4366	ALL	462753.2	3773780	NonCancer	0.00E+00	3.87E-09	0.00E+00	2.74E-10	2.74E-10	1.29E-07	1.22E-05	0.00E+00	1.19E-08	0.00E+00	2.74E-10	4.42E-07	0.00E+00	0.00E+00	1.22E-05
4367	ALL	462744.5	3773777	NonCancer	0.00E+00	3.84E-09	0.00E+00	2.72E-10	2.72E-10	1.28E-07	1.21E-05	0.00E+00	1.18E-08	0.00E+00	2.72E-10	4.39E-07	0.00E+00	0.00E+00	1.21E-05
4368	ALL	462735.9	3773773	NonCancer	0.00E+00	3.81E-09	0.00E+00	2.69E-10	2.69E-10	1.27E-07	1.20E-05	0.00E+00	1.17E-08	0.00E+00	2.69E-10	4.34E-07	0.00E+00	0.00E+00	1.20E-05
4369	ALL	462727.2	3773770	NonCancer	0.00E+00	3.76E-09	0.00E+00	2.66E-10	2.66E-10	1.25E-07	1.19E-05	0.00E+00	1.16E-08	0.00E+00	2.66E-10	4.29E-07	0.00E+00	0.00E+00	1.19E-05
4370	ALL	462718.6	3773766	NonCancer	0.00E+00	3.71E-09	0.00E+00	2.62E-10	2.62E-10	1.24E-07	1.17E-05	0.00E+00	1.14E-08	0.00E+00	2.62E-10	4.23E-07	0.00E+00	0.00E+00	1.17E-05
4371	ALL	462709.9	3773762	NonCancer	0.00E+00	3.66E-09	0.00E+00	2.59E-10	2.59E-10	1.22E-07	1.16E-05	0.00E+00	1.13E-08	0.00E+00	2.59E-10	4.18E-07	0.00E+00	0.00E+00	1.16E-05
4372	ALL	462701.3	3773759	NonCancer	0.00E+00	3.62E-09	0.00E+00	2.56E-10	2.56E-10	1.21E-07	1.15E-05	0.00E+00	1.11E-08	0.00E+00	2.56E-10	4.13E-07	0.00E+00	0.00E+00	1.15E-05

4373	ALL	462692.6	3773755	NonCancer	0.00E+00	3.59E-09	0.00E+00	2.54E-10	2.54E-10	1.20E-07	1.14E-05	0.00E+00	1.11E-08	0.00E+00	2.54E-10	4.10E-07	0.00E+00	0.00E+00	1.14E-05
4374	ALL	462684	3773752	NonCancer	0.00E+00	3.56E-09	0.00E+00	2.52E-10	2.52E-10	1.19E-07	1.14E-05	0.00E+00	1.10E-08	0.00E+00	2.52E-10	4.07E-07	0.00E+00	0.00E+00	1.14E-05
4375	ALL	462675.3	3773748	NonCancer	0.00E+00	3.54E-09	0.00E+00	2.50E-10	2.50E-10	1.18E-07	1.13E-05	0.00E+00	1.09E-08	0.00E+00	2.50E-10	4.04E-07	0.00E+00	0.00E+00	1.13E-05
4376	ALL	462666.7	3773745	NonCancer	0.00E+00	3.50E-09	0.00E+00	2.48E-10	2.48E-10	1.17E-07	1.12E-05	0.00E+00	1.08E-08	0.00E+00	2.48E-10	4.00E-07	0.00E+00	0.00E+00	1.12E-05
4377	ALL	462658	3773741	NonCancer	0.00E+00	3.47E-09	0.00E+00	2.45E-10	2.45E-10	1.16E-07	1.11E-05	0.00E+00	1.07E-08	0.00E+00	2.45E-10	3.96E-07	0.00E+00	0.00E+00	1.11E-05
4378	ALL	462649.4	3773737	NonCancer	0.00E+00	3.43E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.10E-05	0.00E+00	1.06E-08	0.00E+00	2.42E-10	3.92E-07	0.00E+00	0.00E+00	1.10E-05
4379	ALL	462640.7	3773734	NonCancer	0.00E+00	3.39E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.09E-05	0.00E+00	1.05E-08	0.00E+00	2.40E-10	3.87E-07	0.00E+00	0.00E+00	1.09E-05
4380	ALL	462632.1	3773730	NonCancer	0.00E+00	3.36E-09	0.00E+00	2.37E-10	2.37E-10	1.12E-07	1.08E-05	0.00E+00	1.03E-08	0.00E+00	2.37E-10	3.83E-07	0.00E+00	0.00E+00	1.08E-05
4381	ALL	462606.1	3773720	NonCancer	0.00E+00	3.25E-09	0.00E+00	2.30E-10	2.30E-10	1.08E-07	1.05E-05	0.00E+00	1.00E-08	0.00E+00	2.30E-10	3.71E-07	0.00E+00	0.00E+00	1.05E-05
4382	ALL	462597.5	3773716	NonCancer	0.00E+00	3.22E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.04E-05	0.00E+00	9.90E-09	0.00E+00	2.27E-10	3.67E-07	0.00E+00	0.00E+00	1.04E-05
4383	ALL	462588.8	3773713	NonCancer	0.00E+00	3.19E-09	0.00E+00	2.26E-10	2.26E-10	1.06E-07	1.03E-05	0.00E+00	9.83E-09	0.00E+00	2.26E-10	3.64E-07	0.00E+00	0.00E+00	1.03E-05
4384	ALL	462580.2	3773709	NonCancer	0.00E+00	3.17E-09	0.00E+00	2.24E-10	2.24E-10	1.06E-07	1.03E-05	0.00E+00	9.75E-09	0.00E+00	2.24E-10	3.61E-07	0.00E+00	0.00E+00	1.03E-05
4385	ALL	462571.5	3773705	NonCancer	0.00E+00	3.14E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.02E-05	0.00E+00	9.67E-09	0.00E+00	2.22E-10	3.58E-07	0.00E+00	0.00E+00	1.02E-05
4386	ALL	462562.9	3773702	NonCancer	0.00E+00	3.12E-09	0.00E+00	2.20E-10	2.20E-10	1.04E-07	1.01E-05	0.00E+00	9.59E-09	0.00E+00	2.20E-10	3.56E-07	0.00E+00	0.00E+00	1.01E-05
4387	ALL	462554.2	3773698	NonCancer	0.00E+00	3.09E-09	0.00E+00	2.18E-10	2.18E-10	1.03E-07	1.01E-05	0.00E+00	9.52E-09	0.00E+00	2.18E-10	3.53E-07	0.00E+00	0.00E+00	1.01E-05
4388	ALL	462545.6	3773695	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.02E-07	1.00E-05	0.00E+00	9.45E-09	0.00E+00	2.17E-10	3.50E-07	0.00E+00	0.00E+00	1.00E-05
4389	ALL	462537	3773691	NonCancer	0.00E+00	3.04E-09	0.00E+00	2.15E-10	2.15E-10	1.02E-07	9.94E-06	0.00E+00	9.37E-09	0.00E+00	2.15E-10	3.47E-07	0.00E+00	0.00E+00	9.94E-06
4390	ALL	462528.3	3773688	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.13E-10	2.13E-10	1.01E-07	9.87E-06	0.00E+00	9.30E-09	0.00E+00	2.13E-10	3.45E-07	0.00E+00	0.00E+00	9.87E-06
4391	ALL	462519.7	3773684	NonCancer	0.00E+00	2.99E-09	0.00E+00	2.11E-10	2.11E-10	9.97E-08	9.78E-06	0.00E+00	9.21E-09	0.00E+00	2.11E-10	3.41E-07	0.00E+00	0.00E+00	9.78E-06
4392	ALL	462511	3773681	NonCancer	0.00E+00	2.94E-09	0.00E+00	2.08E-10	2.08E-10	9.79E-08	9.61E-06	0.00E+00	9.04E-09	0.00E+00	2.08E-10	3.35E-07	0.00E+00	0.00E+00	9.61E-06
4393	ALL	462502.4	3773677	NonCancer	0.00E+00	2.89E-09	0.00E+00	2.04E-10	2.04E-10	9.64E-08	9.47E-06	0.00E+00	8.90E-09	0.00E+00	2.04E-10	3.30E-07	0.00E+00	0.00E+00	9.47E-06
4394	ALL	462494.8	3773670	NonCancer	0.00E+00	2.87E-09	0.00E+00	2.03E-10	2.03E-10	9.57E-08	9.42E-06	0.00E+00	8.84E-09	0.00E+00	2.03E-10	3.28E-07	0.00E+00	0.00E+00	9.42E-06
4395	ALL	462491.1	3773662	NonCancer	0.00E+00	2.89E-09	0.00E+00	2.04E-10	2.04E-10	9.64E-08	9.50E-06	0.00E+00	8.90E-09	0.00E+00	2.04E-10	3.30E-07	0.00E+00	0.00E+00	9.50E-06
4396	ALL	462487.5	3773653	NonCancer	0.00E+00	2.91E-09	0.00E+00	2.06E-10	2.06E-10	9.70E-08	9.58E-06	0.00E+00	8.95E-09	0.00E+00	2.06E-10	3.32E-07	0.00E+00	0.00E+00	9.58E-06
4397	ALL	462483.9	3773644	NonCancer	0.00E+00	2.91E-09	0.00E+00	2.06E-10	2.06E-10	9.71E-08	9.60E-06	0.00E+00	8.96E-09	0.00E+00	2.06E-10	3.32E-07	0.00E+00	0.00E+00	9.60E-06
4398	ALL	462480.2	3773636	NonCancer	0.00E+00	2.91E-09	0.00E+00	2.06E-10	2.06E-10	9.71E-08	9.62E-06	0.00E+00	8.97E-09	0.00E+00	2.06E-10	3.33E-07	0.00E+00	0.00E+00	9.62E-06
4399	ALL	462476.6	3773627	NonCancer	0.00E+00	2.91E-09	0.00E+00	2.06E-10	2.06E-10	9.72E-08	9.64E-06	0.00E+00	8.97E-09	0.00E+00	2.06E-10	3.33E-07	0.00E+00	0.00E+00	9.64E-06
4400	ALL	462469.3	3773610	NonCancer	0.00E+00	2.96E-09	0.00E+00	2.09E-10	2.09E-10	9.86E-08	9.83E-06	0.00E+00	9.10E-09	0.00E+00	2.09E-10	3.37E-07	0.00E+00	0.00E+00	9.83E-06
4401	ALL	462465.7	3773601	NonCancer	0.00E+00	2.97E-09	0.00E+00	2.10E-10	2.10E-10	9.92E-08	9.92E-06	0.00E+00	9.16E-09	0.00E+00	2.10E-10	3.40E-07	0.00E+00	0.00E+00	9.92E-06
4402	ALL	462462	3773593	NonCancer	0.00E+00	2.99E-09	0.00E+00	2.11E-10	2.11E-10	9.96E-08	9.98E-06	0.00E+00	9.19E-09	0.00E+00	2.11E-10	3.41E-07	0.00E+00	0.00E+00	9.98E-06
4403	ALL	462458.4	3773584	NonCancer	0.00E+00	2.99E-09	0.00E+00	2.11E-10	2.11E-10	9.96E-08	9.99E-06	0.00E+00	9.19E-09	0.00E+00	2.11E-10	3.41E-07	0.00E+00	0.00E+00	9.99E-06
4404	ALL	462454.8	3773576	NonCancer	0.00E+00	2.99E-09	0.00E+00	2.11E-10	2.11E-10	9.96E-08	1.00E-05	0.00E+00	9.19E-09	0.00E+00	2.11E-10	3.41E-07	0.00E+00	0.00E+00	1.00E-05
4405	ALL	462451.1	3773567	NonCancer	0.00E+00	2.98E-09	0.00E+00	2.11E-10	2.11E-10	9.95E-08	1.00E-05	0.00E+00	9.19E-09	0.00E+00	2.11E-10	3.41E-07	0.00E+00	0.00E+00	1.00E-05
4406	ALL	462447.5	3773558	NonCancer	0.00E+00	3.00E-09	0.00E+00	2.12E-10	2.12E-10	1.00E-07	1.01E-05	0.00E+00	9.23E-09	0.00E+00	2.12E-10	3.42E-07	0.00E+00	0.00E+00	1.01E-05
4407	ALL	462443.8	3773550	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.13E-10	2.13E-10	1.01E-07	1.02E-05	0.00E+00	9.28E-09	0.00E+00	2.13E-10	3.44E-07	0.00E+00	0.00E+00	1.02E-05
4408	ALL	462440.2	3773541	NonCancer	0.00E+00	3.03E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.02E-05	0.00E+00	9.33E-09	0.00E+00	2.14E-10	3.46E-07	0.00E+00	0.00E+00	1.02E-05
4409	ALL	462432.9	3773524	NonCancer	0.00E+00	3.03E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.03E-05	0.00E+00	9.34E-09	0.00E+00	2.14E-10	3.46E-07	0.00E+00	0.00E+00	1.03E-05
4410	ALL	462429.3	3773515	NonCancer	0.00E+00	3.03E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.03E-05	0.00E+00	9.32E-09	0.00E+00	2.14E-10	3.46E-07	0.00E+00	0.00E+00	1.03E-05
4411	ALL	462425.7	3773507	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.03E-05	0.00E+00	9.31E-09	0.00E+00	2.14E-10	3.45E-07	0.00E+00	0.00E+00	1.03E-05
4412	ALL	462422	3773498	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.13E-10	2.13E-10	1.01E-07	1.03E-05	0.00E+00	9.29E-09	0.00E+00	2.13E-10	3.45E-07	0.00E+00	0.00E+00	1.03E-05
4413	ALL	462418.4	3773489	NonCancer	0.00E+00	3.01E-09	0.00E+00	2.13E-10	2.13E-10	1.00E-07	1.03E-05	0.00E+00	9.28E-09	0.00E+00	2.13E-10	3.44E-07	0.00E+00	0.00E+00	1.03E-05
4414	ALL	462403.8	3773455	NonCancer	0.00E+00	3.03E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.04E-05	0.00E+00	9.32E-09	0.00E+00	2.14E-10	3.46E-07	0.00E+00	0.00E+00	1.04E-05
4415	ALL	462400.2	3773446	NonCancer	0.00E+00	3.04E-09	0.00E+00	2.15E-10	2.15E-10	1.01E-07	1.04E-05	0.00E+00	9.35E-09	0.00E+00	2.15E-10	3.47E-07	0.00E+00	0.00E+00	1.04E-05
4416	ALL	462917.5	3773888	NonCancer	0.00E+00	4.36E-09	0.00E+00	3.08E-10	3.08E-10	1.45E-07	1.29E-05	0.00E+00	1.34E-08	0.00E+00	3.08E-10	4.98E-07	0.00E+00	0.00E+00	1.29E-05
4417	ALL	462908.8	3773884	NonCancer	0.00E+00	4.32E-09	0.00E+00	3.05E-10	3.05E-10	1.44E-07	1.28E-05	0.00E+00	1.33E-08	0.00E+00	3.05E-10	4.93E-07	0.00E+00	0.00E+00	1.28E-05
4418	ALL	462900.2	3773881	NonCancer	0.00E+00	4.28E-09	0.00E+00	3.03E-10	3.03E-10	1.43E-07	1.28E-05	0.00E+00	1.32E-08	0.00E+00	3.03E-10	4.89E-07	0.00E+00	0.00E+00	1.28E-05
4419	ALL	462891.6	3773877	NonCancer	0.00E+00	4.24E-09	0.00E+00	3.00E-10	3.00E-10	1.42E-07	1.27E-05	0.00E+00	1.31E-08	0.00E+00	3.00E-10	4.84E-07	0.00E+00	0.00E+00	1.27E-05
4420	ALL	462882.9	3773874	NonCancer	0.00E+00	4.21E-09	0.00E+00	2.97E-10	2.97E-10	1.40E-07	1.26E-05	0.00E+00	1.29E-08	0.00E+00	2.97E-10	4.80E-07	0.00E+00	0.00E+00	1.26E-05
4421	ALL	462874.3	3773870	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.25E-05	0.00E+00	1.28E-08	0.00E+00	2.95E-10	4.76E-07	0.00E+00	0.00E+00	1.25E-05
4422	ALL	462865.7	3773866	NonCancer	0.00E+00	4.14E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.25E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.72E-07	0.00E+00	0.00E+00	1.25E-05
4423	ALL	462857	3773863	NonCancer	0.00E+00	4.09E-09	0.00E+00	2.89E-10	2.89E-10	1.36E-07	1.24E-05	0.00E+00	1.26E-08	0.00E+00	2.89E-10	4.67E-07	0.00E+00	0.00E+00	1.24E-05
4424	ALL	462848.4	3773859	NonCancer	0.00E+00	4.05E-09	0.00E+00	2.86E-10	2.86E-10	1.35E-07	1.23E-05	0.00E+00	1.25E-08	0.00E+00	2.86E-10	4.62E-07	0.00E+00	0.00E+00	1.23E-05
4425	ALL	462839.8	3773856	NonCancer	0.00E+00	3.99E-09	0.00E+00	2.82E-10	2.82E-10	1.33E-07	1.21E-05	0.00E+00	1.23E-08	0.00E+00	2.82E-10	4.55E-07	0.00E+00	0.00E+00	1.21E-05
4426	ALL	462831.1	3773852	NonCancer	0.00E+00	3.94E-09	0.00E+00	2.78E-10	2.78E-10	1.31E-07	1.20E-05	0.00E+00	1.21E-08	0.00E+00	2.78E-10	4.49E-07	0.00E+00	0.00E+00	1.20E-05

4427	ALL	462822.5	3773849	NonCancer	0.00E+00	3.89E-09	0.00E+00	2.75E-10	2.75E-10	1.30E-07	1.19E-05	0.00E+00	1.20E-08	0.00E+00	2.75E-10	4.44E-07	0.00E+00	0.00E+00	1.19E-05
4428	ALL	462813.9	3773845	NonCancer	0.00E+00	3.86E-09	0.00E+00	2.73E-10	2.73E-10	1.29E-07	1.18E-05	0.00E+00	1.19E-08	0.00E+00	2.73E-10	4.41E-07	0.00E+00	0.00E+00	1.18E-05
4429	ALL	462805.2	3773842	NonCancer	0.00E+00	3.83E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.17E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.37E-07	0.00E+00	0.00E+00	1.17E-05
4430	ALL	462796.6	3773838	NonCancer	0.00E+00	3.80E-09	0.00E+00	2.69E-10	2.69E-10	1.27E-07	1.17E-05	0.00E+00	1.17E-08	0.00E+00	2.69E-10	4.34E-07	0.00E+00	0.00E+00	1.17E-05
4431	ALL	462787.9	3773834	NonCancer	0.00E+00	3.77E-09	0.00E+00	2.66E-10	2.66E-10	1.26E-07	1.16E-05	0.00E+00	1.16E-08	0.00E+00	2.66E-10	4.30E-07	0.00E+00	0.00E+00	1.16E-05
4432	ALL	462779.3	3773831	NonCancer	0.00E+00	3.73E-09	0.00E+00	2.64E-10	2.64E-10	1.24E-07	1.15E-05	0.00E+00	1.15E-08	0.00E+00	2.64E-10	4.26E-07	0.00E+00	0.00E+00	1.15E-05
4433	ALL	462770.7	3773827	NonCancer	0.00E+00	3.69E-09	0.00E+00	2.61E-10	2.61E-10	1.23E-07	1.14E-05	0.00E+00	1.14E-08	0.00E+00	2.61E-10	4.22E-07	0.00E+00	0.00E+00	1.14E-05
4434	ALL	462762	3773824	NonCancer	0.00E+00	3.66E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.13E-05	0.00E+00	1.13E-08	0.00E+00	2.58E-10	4.18E-07	0.00E+00	0.00E+00	1.13E-05
4435	ALL	462753.4	3773820	NonCancer	0.00E+00	3.62E-09	0.00E+00	2.56E-10	2.56E-10	1.21E-07	1.13E-05	0.00E+00	1.12E-08	0.00E+00	2.56E-10	4.13E-07	0.00E+00	0.00E+00	1.13E-05
4436	ALL	462744.8	3773817	NonCancer	0.00E+00	3.59E-09	0.00E+00	2.53E-10	2.53E-10	1.20E-07	1.12E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.09E-07	0.00E+00	0.00E+00	1.12E-05
4437	ALL	462736.1	3773813	NonCancer	0.00E+00	3.55E-09	0.00E+00	2.51E-10	2.51E-10	1.18E-07	1.11E-05	0.00E+00	1.09E-08	0.00E+00	2.51E-10	4.05E-07	0.00E+00	0.00E+00	1.11E-05
4438	ALL	462727.5	3773810	NonCancer	0.00E+00	3.52E-09	0.00E+00	2.48E-10	2.48E-10	1.17E-07	1.10E-05	0.00E+00	1.08E-08	0.00E+00	2.48E-10	4.01E-07	0.00E+00	0.00E+00	1.10E-05
4439	ALL	462718.9	3773806	NonCancer	0.00E+00	3.48E-09	0.00E+00	2.46E-10	2.46E-10	1.16E-07	1.09E-05	0.00E+00	1.07E-08	0.00E+00	2.46E-10	3.97E-07	0.00E+00	0.00E+00	1.09E-05
4440	ALL	462710.2	3773803	NonCancer	0.00E+00	3.45E-09	0.00E+00	2.44E-10	2.44E-10	1.15E-07	1.08E-05	0.00E+00	1.06E-08	0.00E+00	2.44E-10	3.94E-07	0.00E+00	0.00E+00	1.08E-05
4441	ALL	462701.6	3773799	NonCancer	0.00E+00	3.41E-09	0.00E+00	2.41E-10	2.41E-10	1.14E-07	1.07E-05	0.00E+00	1.05E-08	0.00E+00	2.41E-10	3.90E-07	0.00E+00	0.00E+00	1.07E-05
4442	ALL	462693	3773795	NonCancer	0.00E+00	3.38E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	1.06E-05	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.86E-07	0.00E+00	0.00E+00	1.06E-05
4443	ALL	462684.3	3773792	NonCancer	0.00E+00	3.34E-09	0.00E+00	2.36E-10	2.36E-10	1.12E-07	1.06E-05	0.00E+00	1.03E-08	0.00E+00	2.36E-10	3.82E-07	0.00E+00	0.00E+00	1.06E-05
4444	ALL	462675.7	3773788	NonCancer	0.00E+00	3.31E-09	0.00E+00	2.34E-10	2.34E-10	1.10E-07	1.05E-05	0.00E+00	1.02E-08	0.00E+00	2.34E-10	3.78E-07	0.00E+00	0.00E+00	1.05E-05
4445	ALL	462667.1	3773785	NonCancer	0.00E+00	3.28E-09	0.00E+00	2.32E-10	2.32E-10	1.09E-07	1.04E-05	0.00E+00	1.01E-08	0.00E+00	2.32E-10	3.74E-07	0.00E+00	0.00E+00	1.04E-05
4446	ALL	462658.4	3773781	NonCancer	0.00E+00	3.24E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	1.03E-05	0.00E+00	9.99E-09	0.00E+00	2.29E-10	3.70E-07	0.00E+00	0.00E+00	1.03E-05
4447	ALL	462649.8	3773778	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.02E-05	0.00E+00	9.89E-09	0.00E+00	2.27E-10	3.67E-07	0.00E+00	0.00E+00	1.02E-05
4448	ALL	462641.1	3773774	NonCancer	0.00E+00	3.18E-09	0.00E+00	2.25E-10	2.25E-10	1.06E-07	1.01E-05	0.00E+00	9.80E-09	0.00E+00	2.25E-10	3.63E-07	0.00E+00	0.00E+00	1.01E-05
4449	ALL	462632.5	3773771	NonCancer	0.00E+00	3.16E-09	0.00E+00	2.23E-10	2.23E-10	1.05E-07	1.01E-05	0.00E+00	9.73E-09	0.00E+00	2.23E-10	3.61E-07	0.00E+00	0.00E+00	1.01E-05
4450	ALL	462598	3773756	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.02E-07	9.83E-06	0.00E+00	9.44E-09	0.00E+00	2.17E-10	3.50E-07	0.00E+00	0.00E+00	9.83E-06
4451	ALL	462589.3	3773753	NonCancer	0.00E+00	3.04E-09	0.00E+00	2.15E-10	2.15E-10	1.02E-07	9.77E-06	0.00E+00	9.37E-09	0.00E+00	2.15E-10	3.47E-07	0.00E+00	0.00E+00	9.77E-06
4452	ALL	462580.7	3773749	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.13E-10	2.13E-10	1.01E-07	9.71E-06	0.00E+00	9.30E-09	0.00E+00	2.13E-10	3.45E-07	0.00E+00	0.00E+00	9.71E-06
4453	ALL	462572.1	3773746	NonCancer	0.00E+00	3.00E-09	0.00E+00	2.12E-10	2.12E-10	9.99E-08	9.65E-06	0.00E+00	9.22E-09	0.00E+00	2.12E-10	3.42E-07	0.00E+00	0.00E+00	9.65E-06
4454	ALL	462563.4	3773742	NonCancer	0.00E+00	2.96E-09	0.00E+00	2.10E-10	2.10E-10	9.89E-08	9.56E-06	0.00E+00	9.13E-09	0.00E+00	2.10E-10	3.38E-07	0.00E+00	0.00E+00	9.56E-06
4455	ALL	462554.8	3773739	NonCancer	0.00E+00	2.93E-09	0.00E+00	2.07E-10	2.07E-10	9.78E-08	9.47E-06	0.00E+00	9.03E-09	0.00E+00	2.07E-10	3.35E-07	0.00E+00	0.00E+00	9.47E-06
4456	ALL	462546.2	3773735	NonCancer	0.00E+00	2.90E-09	0.00E+00	2.05E-10	2.05E-10	9.68E-08	9.38E-06	0.00E+00	8.94E-09	0.00E+00	2.05E-10	3.31E-07	0.00E+00	0.00E+00	9.38E-06
4457	ALL	462537.5	3773731	NonCancer	0.00E+00	2.87E-09	0.00E+00	2.03E-10	2.03E-10	9.58E-08	9.29E-06	0.00E+00	8.84E-09	0.00E+00	2.03E-10	3.28E-07	0.00E+00	0.00E+00	9.29E-06
4458	ALL	462528.9	3773728	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.01E-10	2.01E-10	9.48E-08	9.20E-06	0.00E+00	8.75E-09	0.00E+00	2.01E-10	3.24E-07	0.00E+00	0.00E+00	9.20E-06
4459	ALL	462520.3	3773724	NonCancer	0.00E+00	2.81E-09	0.00E+00	1.99E-10	1.99E-10	9.38E-08	9.11E-06	0.00E+00	8.66E-09	0.00E+00	1.99E-10	3.21E-07	0.00E+00	0.00E+00	9.11E-06
4460	ALL	462511.6	3773721	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.97E-10	1.97E-10	9.28E-08	9.03E-06	0.00E+00	8.57E-09	0.00E+00	1.97E-10	3.18E-07	0.00E+00	0.00E+00	9.03E-06
4461	ALL	462503	3773717	NonCancer	0.00E+00	2.75E-09	0.00E+00	1.95E-10	1.95E-10	9.18E-08	8.94E-06	0.00E+00	8.47E-09	0.00E+00	1.95E-10	3.14E-07	0.00E+00	0.00E+00	8.94E-06
4462	ALL	462494.3	3773714	NonCancer	0.00E+00	2.72E-09	0.00E+00	1.92E-10	1.92E-10	9.08E-08	8.85E-06	0.00E+00	8.39E-09	0.00E+00	1.92E-10	3.11E-07	0.00E+00	0.00E+00	8.85E-06
4463	ALL	462485.7	3773710	NonCancer	0.00E+00	2.69E-09	0.00E+00	1.90E-10	1.90E-10	8.98E-08	8.76E-06	0.00E+00	8.29E-09	0.00E+00	1.90E-10	3.07E-07	0.00E+00	0.00E+00	8.76E-06
4464	ALL	462477.1	3773707	NonCancer	0.00E+00	2.66E-09	0.00E+00	1.88E-10	1.88E-10	8.89E-08	8.67E-06	0.00E+00	8.20E-09	0.00E+00	1.88E-10	3.04E-07	0.00E+00	0.00E+00	8.67E-06
4465	ALL	462467.8	3773702	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.86E-10	1.86E-10	8.79E-08	8.59E-06	0.00E+00	8.12E-09	0.00E+00	1.86E-10	3.01E-07	0.00E+00	0.00E+00	8.59E-06
4466	ALL	462464.2	3773693	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.87E-10	1.87E-10	8.80E-08	8.61E-06	0.00E+00	8.13E-09	0.00E+00	1.87E-10	3.01E-07	0.00E+00	0.00E+00	8.61E-06
4467	ALL	462460.6	3773684	NonCancer	0.00E+00	2.65E-09	0.00E+00	1.87E-10	1.87E-10	8.83E-08	8.65E-06	0.00E+00	8.15E-09	0.00E+00	1.87E-10	3.02E-07	0.00E+00	0.00E+00	8.65E-06
4468	ALL	462456.9	3773676	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.89E-10	1.89E-10	8.90E-08	8.74E-06	0.00E+00	8.21E-09	0.00E+00	1.89E-10	3.04E-07	0.00E+00	0.00E+00	8.74E-06
4469	ALL	462453.3	3773667	NonCancer	0.00E+00	2.69E-09	0.00E+00	1.90E-10	1.90E-10	8.97E-08	8.83E-06	0.00E+00	8.28E-09	0.00E+00	1.90E-10	3.07E-07	0.00E+00	0.00E+00	8.83E-06
4470	ALL	462449.7	3773659	NonCancer	0.00E+00	2.71E-09	0.00E+00	1.92E-10	1.92E-10	9.05E-08	8.92E-06	0.00E+00	8.36E-09	0.00E+00	1.92E-10	3.10E-07	0.00E+00	0.00E+00	8.92E-06
4471	ALL	462446	3773650	NonCancer	0.00E+00	2.72E-09	0.00E+00	1.92E-10	1.92E-10	9.07E-08	8.96E-06	0.00E+00	8.38E-09	0.00E+00	1.92E-10	3.11E-07	0.00E+00	0.00E+00	8.96E-06
4472	ALL	462442.4	3773641	NonCancer	0.00E+00	2.72E-09	0.00E+00	1.92E-10	1.92E-10	9.08E-08	8.98E-06	0.00E+00	8.38E-09	0.00E+00	1.92E-10	3.11E-07	0.00E+00	0.00E+00	8.98E-06
4473	ALL	462438.8	3773633	NonCancer	0.00E+00	2.72E-09	0.00E+00	1.92E-10	1.92E-10	9.08E-08	8.99E-06	0.00E+00	8.38E-09	0.00E+00	1.92E-10	3.11E-07	0.00E+00	0.00E+00	8.99E-06
4474	ALL	462427.9	3773607	NonCancer	0.00E+00	2.76E-09	0.00E+00	1.95E-10	1.95E-10	9.21E-08	9.18E-06	0.00E+00	8.50E-09	0.00E+00	1.95E-10	3.15E-07	0.00E+00	0.00E+00	9.18E-06
4475	ALL	462424.2	3773598	NonCancer	0.00E+00	2.77E-09	0.00E+00	1.96E-10	1.96E-10	9.24E-08	9.23E-06	0.00E+00	8.53E-09	0.00E+00	1.96E-10	3.16E-07	0.00E+00	0.00E+00	9.23E-06
4476	ALL	462420.6	3773590	NonCancer	0.00E+00	2.77E-09	0.00E+00	1.96E-10	1.96E-10	9.24E-08	9.24E-06	0.00E+00	8.53E-09	0.00E+00	1.96E-10	3.16E-07	0.00E+00	0.00E+00	9.24E-06
4477	ALL	462417	3773581	NonCancer	0.00E+00	2.77E-09	0.00E+00	1.96E-10	1.96E-10	9.24E-08	9.25E-06	0.00E+00	8.53E-09	0.00E+00	1.96E-10	3.16E-07	0.00E+00	0.00E+00	9.25E-06
4478	ALL	462413.3	3773573	NonCancer	0.00E+00	2.77E-09	0.00E+00	1.96E-10	1.96E-10	9.25E-08	9.28E-06	0.00E+00	8.54E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	9.28E-06
4479	ALL	462409.7	3773564	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.96E-10	1.96E-10	9.27E-08	9.32E-06	0.00E+00	8.56E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	9.32E-06
4480	ALL	462406.1	3773555	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.97E-10	1.97E-10	9.27E-08	9.34E-06	0.00E+00	8.56E-09	0.00E+00	1.97E-10	3.17E-07	0.00E+00	0.00E+00	9.34E-06

4481	ALL	462402.4	3773547	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.96E-10	1.96E-10	9.26E-08	9.33E-06	0.00E+00	8.55E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	9.33E-06
4482	ALL	462398.8	3773538	NonCancer	0.00E+00	2.77E-09	0.00E+00	1.96E-10	1.96E-10	9.24E-08	9.32E-06	0.00E+00	8.53E-09	0.00E+00	1.96E-10	3.16E-07	0.00E+00	0.00E+00	9.32E-06
4483	ALL	462917.5	3773928	NonCancer	0.00E+00	4.14E-09	0.00E+00	2.93E-10	2.93E-10	1.38E-07	1.22E-05	0.00E+00	1.27E-08	0.00E+00	2.93E-10	4.73E-07	0.00E+00	0.00E+00	1.22E-05
4484	ALL	462908.8	3773924	NonCancer	0.00E+00	4.10E-09	0.00E+00	2.89E-10	2.89E-10	1.37E-07	1.21E-05	0.00E+00	1.26E-08	0.00E+00	2.89E-10	4.67E-07	0.00E+00	0.00E+00	1.21E-05
4485	ALL	462900.2	3773921	NonCancer	0.00E+00	4.05E-09	0.00E+00	2.86E-10	2.86E-10	1.35E-07	1.20E-05	0.00E+00	1.25E-08	0.00E+00	2.86E-10	4.62E-07	0.00E+00	0.00E+00	1.20E-05
4486	ALL	462891.5	3773917	NonCancer	0.00E+00	4.00E-09	0.00E+00	2.83E-10	2.83E-10	1.33E-07	1.19E-05	0.00E+00	1.23E-08	0.00E+00	2.83E-10	4.57E-07	0.00E+00	0.00E+00	1.19E-05
4487	ALL	462882.9	3773914	NonCancer	0.00E+00	3.96E-09	0.00E+00	2.80E-10	2.80E-10	1.32E-07	1.18E-05	0.00E+00	1.22E-08	0.00E+00	2.80E-10	4.52E-07	0.00E+00	0.00E+00	1.18E-05
4488	ALL	462874.2	3773910	NonCancer	0.00E+00	3.91E-09	0.00E+00	2.76E-10	2.76E-10	1.30E-07	1.17E-05	0.00E+00	1.20E-08	0.00E+00	2.76E-10	4.47E-07	0.00E+00	0.00E+00	1.17E-05
4489	ALL	462865.6	3773906	NonCancer	0.00E+00	3.87E-09	0.00E+00	2.73E-10	2.73E-10	1.29E-07	1.16E-05	0.00E+00	1.19E-08	0.00E+00	2.73E-10	4.42E-07	0.00E+00	0.00E+00	1.16E-05
4490	ALL	462856.9	3773903	NonCancer	0.00E+00	3.83E-09	0.00E+00	2.70E-10	2.70E-10	1.28E-07	1.15E-05	0.00E+00	1.18E-08	0.00E+00	2.70E-10	4.37E-07	0.00E+00	0.00E+00	1.15E-05
4491	ALL	462848.3	3773899	NonCancer	0.00E+00	3.79E-09	0.00E+00	2.68E-10	2.68E-10	1.26E-07	1.14E-05	0.00E+00	1.17E-08	0.00E+00	2.68E-10	4.32E-07	0.00E+00	0.00E+00	1.14E-05
4492	ALL	462839.6	3773896	NonCancer	0.00E+00	3.75E-09	0.00E+00	2.65E-10	2.65E-10	1.25E-07	1.13E-05	0.00E+00	1.15E-08	0.00E+00	2.65E-10	4.28E-07	0.00E+00	0.00E+00	1.13E-05
4493	ALL	462831	3773892	NonCancer	0.00E+00	3.71E-09	0.00E+00	2.62E-10	2.62E-10	1.24E-07	1.12E-05	0.00E+00	1.14E-08	0.00E+00	2.62E-10	4.24E-07	0.00E+00	0.00E+00	1.12E-05
4494	ALL	462822.3	3773889	NonCancer	0.00E+00	3.67E-09	0.00E+00	2.59E-10	2.59E-10	1.22E-07	1.11E-05	0.00E+00	1.13E-08	0.00E+00	2.59E-10	4.19E-07	0.00E+00	0.00E+00	1.11E-05
4495	ALL	462813.7	3773885	NonCancer	0.00E+00	3.63E-09	0.00E+00	2.57E-10	2.57E-10	1.21E-07	1.10E-05	0.00E+00	1.12E-08	0.00E+00	2.57E-10	4.15E-07	0.00E+00	0.00E+00	1.10E-05
4496	ALL	462805	3773882	NonCancer	0.00E+00	3.60E-09	0.00E+00	2.54E-10	2.54E-10	1.20E-07	1.09E-05	0.00E+00	1.11E-08	0.00E+00	2.54E-10	4.10E-07	0.00E+00	0.00E+00	1.09E-05
4497	ALL	462796.4	3773878	NonCancer	0.00E+00	3.56E-09	0.00E+00	2.52E-10	2.52E-10	1.19E-07	1.08E-05	0.00E+00	1.10E-08	0.00E+00	2.52E-10	4.06E-07	0.00E+00	0.00E+00	1.08E-05
4498	ALL	462787.7	3773874	NonCancer	0.00E+00	3.52E-09	0.00E+00	2.49E-10	2.49E-10	1.18E-07	1.07E-05	0.00E+00	1.08E-08	0.00E+00	2.49E-10	4.02E-07	0.00E+00	0.00E+00	1.07E-05
4499	ALL	462779.1	3773871	NonCancer	0.00E+00	3.49E-09	0.00E+00	2.47E-10	2.47E-10	1.16E-07	1.07E-05	0.00E+00	1.07E-08	0.00E+00	2.47E-10	3.98E-07	0.00E+00	0.00E+00	1.07E-05
4500	ALL	462770.4	3773867	NonCancer	0.00E+00	3.45E-09	0.00E+00	2.44E-10	2.44E-10	1.15E-07	1.06E-05	0.00E+00	1.06E-08	0.00E+00	2.44E-10	3.94E-07	0.00E+00	0.00E+00	1.06E-05
4501	ALL	462761.8	3773864	NonCancer	0.00E+00	3.43E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.05E-05	0.00E+00	1.06E-08	0.00E+00	2.42E-10	3.91E-07	0.00E+00	0.00E+00	1.05E-05
4502	ALL	462753.1	3773860	NonCancer	0.00E+00	3.40E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.05E-05	0.00E+00	1.05E-08	0.00E+00	2.40E-10	3.88E-07	0.00E+00	0.00E+00	1.05E-05
4503	ALL	462744.5	3773857	NonCancer	0.00E+00	3.38E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	1.04E-05	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.86E-07	0.00E+00	0.00E+00	1.04E-05
4504	ALL	462735.8	3773853	NonCancer	0.00E+00	3.35E-09	0.00E+00	2.37E-10	2.37E-10	1.12E-07	1.04E-05	0.00E+00	1.03E-08	0.00E+00	2.37E-10	3.83E-07	0.00E+00	0.00E+00	1.04E-05
4505	ALL	462727.2	3773849	NonCancer	0.00E+00	3.33E-09	0.00E+00	2.35E-10	2.35E-10	1.11E-07	1.03E-05	0.00E+00	1.03E-08	0.00E+00	2.35E-10	3.80E-07	0.00E+00	0.00E+00	1.03E-05
4506	ALL	462718.5	3773846	NonCancer	0.00E+00	3.31E-09	0.00E+00	2.34E-10	2.34E-10	1.10E-07	1.03E-05	0.00E+00	1.02E-08	0.00E+00	2.34E-10	3.77E-07	0.00E+00	0.00E+00	1.03E-05
4507	ALL	462709.9	3773842	NonCancer	0.00E+00	3.28E-09	0.00E+00	2.32E-10	2.32E-10	1.09E-07	1.02E-05	0.00E+00	1.01E-08	0.00E+00	2.32E-10	3.75E-07	0.00E+00	0.00E+00	1.02E-05
4508	ALL	462701.2	3773839	NonCancer	0.00E+00	3.26E-09	0.00E+00	2.30E-10	2.30E-10	1.09E-07	1.02E-05	0.00E+00	1.00E-08	0.00E+00	2.30E-10	3.72E-07	0.00E+00	0.00E+00	1.02E-05
4509	ALL	462692.6	3773835	NonCancer	0.00E+00	3.23E-09	0.00E+00	2.28E-10	2.28E-10	1.08E-07	1.01E-05	0.00E+00	9.95E-09	0.00E+00	2.28E-10	3.69E-07	0.00E+00	0.00E+00	1.01E-05
4510	ALL	462683.9	3773832	NonCancer	0.00E+00	3.20E-09	0.00E+00	2.26E-10	2.26E-10	1.07E-07	1.00E-05	0.00E+00	9.86E-09	0.00E+00	2.26E-10	3.65E-07	0.00E+00	0.00E+00	1.00E-05
4511	ALL	462675.3	3773828	NonCancer	0.00E+00	3.17E-09	0.00E+00	2.24E-10	2.24E-10	1.06E-07	9.94E-06	0.00E+00	9.76E-09	0.00E+00	2.24E-10	3.62E-07	0.00E+00	0.00E+00	9.94E-06
4512	ALL	462666.6	3773825	NonCancer	0.00E+00	3.14E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	9.85E-06	0.00E+00	9.65E-09	0.00E+00	2.22E-10	3.58E-07	0.00E+00	0.00E+00	9.85E-06
4513	ALL	462658	3773821	NonCancer	0.00E+00	3.10E-09	0.00E+00	2.19E-10	2.19E-10	1.03E-07	9.74E-06	0.00E+00	9.53E-09	0.00E+00	2.19E-10	3.53E-07	0.00E+00	0.00E+00	9.74E-06
4514	ALL	462649.3	3773817	NonCancer	0.00E+00	3.06E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	9.64E-06	0.00E+00	9.43E-09	0.00E+00	2.16E-10	3.50E-07	0.00E+00	0.00E+00	9.64E-06
4515	ALL	462640.7	3773814	NonCancer	0.00E+00	3.03E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	9.57E-06	0.00E+00	9.34E-09	0.00E+00	2.14E-10	3.46E-07	0.00E+00	0.00E+00	9.57E-06
4516	ALL	462632	3773810	NonCancer	0.00E+00	3.01E-09	0.00E+00	2.13E-10	2.13E-10	1.00E-07	9.51E-06	0.00E+00	9.27E-09	0.00E+00	2.13E-10	3.44E-07	0.00E+00	0.00E+00	9.51E-06
4517	ALL	462606.1	3773800	NonCancer	0.00E+00	2.93E-09	0.00E+00	2.07E-10	2.07E-10	9.77E-08	9.30E-06	0.00E+00	9.02E-09	0.00E+00	2.07E-10	3.34E-07	0.00E+00	0.00E+00	9.30E-06
4518	ALL	462597.4	3773796	NonCancer	0.00E+00	2.90E-09	0.00E+00	2.05E-10	2.05E-10	9.68E-08	9.22E-06	0.00E+00	8.93E-09	0.00E+00	2.05E-10	3.31E-07	0.00E+00	0.00E+00	9.22E-06
4519	ALL	462588.8	3773793	NonCancer	0.00E+00	2.87E-09	0.00E+00	2.03E-10	2.03E-10	9.58E-08	9.14E-06	0.00E+00	8.84E-09	0.00E+00	2.03E-10	3.28E-07	0.00E+00	0.00E+00	9.14E-06
4520	ALL	462580.1	3773789	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.01E-10	2.01E-10	9.48E-08	9.06E-06	0.00E+00	8.76E-09	0.00E+00	2.01E-10	3.25E-07	0.00E+00	0.00E+00	9.06E-06
4521	ALL	462571.5	3773785	NonCancer	0.00E+00	2.82E-09	0.00E+00	1.99E-10	1.99E-10	9.39E-08	8.98E-06	0.00E+00	8.67E-09	0.00E+00	1.99E-10	3.21E-07	0.00E+00	0.00E+00	8.98E-06
4522	ALL	462562.8	3773782	NonCancer	0.00E+00	2.79E-09	0.00E+00	1.97E-10	1.97E-10	9.30E-08	8.90E-06	0.00E+00	8.58E-09	0.00E+00	1.97E-10	3.18E-07	0.00E+00	0.00E+00	8.90E-06
4523	ALL	462554.2	3773778	NonCancer	0.00E+00	2.76E-09	0.00E+00	1.95E-10	1.95E-10	9.20E-08	8.83E-06	0.00E+00	8.50E-09	0.00E+00	1.95E-10	3.15E-07	0.00E+00	0.00E+00	8.83E-06
4524	ALL	462545.5	3773775	NonCancer	0.00E+00	2.73E-09	0.00E+00	1.93E-10	1.93E-10	9.12E-08	8.76E-06	0.00E+00	8.42E-09	0.00E+00	1.93E-10	3.12E-07	0.00E+00	0.00E+00	8.76E-06
4525	ALL	462536.9	3773771	NonCancer	0.00E+00	2.71E-09	0.00E+00	1.92E-10	1.92E-10	9.05E-08	8.70E-06	0.00E+00	8.36E-09	0.00E+00	1.92E-10	3.10E-07	0.00E+00	0.00E+00	8.70E-06
4526	ALL	462502.3	3773757	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.86E-10	1.86E-10	8.79E-08	8.49E-06	0.00E+00	8.11E-09	0.00E+00	1.86E-10	3.01E-07	0.00E+00	0.00E+00	8.49E-06
4527	ALL	462493.6	3773753	NonCancer	0.00E+00	2.62E-09	0.00E+00	1.85E-10	1.85E-10	8.72E-08	8.44E-06	0.00E+00	8.05E-09	0.00E+00	1.85E-10	2.99E-07	0.00E+00	0.00E+00	8.44E-06
4528	ALL	462485	3773750	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.63E-08	8.36E-06	0.00E+00	7.97E-09	0.00E+00	1.83E-10	2.95E-07	0.00E+00	0.00E+00	8.36E-06
4529	ALL	462476.3	3773746	NonCancer	0.00E+00	2.55E-09	0.00E+00	1.80E-10	1.80E-10	8.50E-08	8.24E-06	0.00E+00	7.85E-09	0.00E+00	1.80E-10	2.91E-07	0.00E+00	0.00E+00	8.24E-06
4530	ALL	462467.7	3773743	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.78E-10	1.78E-10	8.38E-08	8.12E-06	0.00E+00	7.73E-09	0.00E+00	1.78E-10	2.87E-07	0.00E+00	0.00E+00	8.12E-06
4531	ALL	462459	3773739	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.27E-08	8.02E-06	0.00E+00	7.63E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	8.02E-06
4532	ALL	462450.4	3773736	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.74E-10	1.74E-10	8.21E-08	7.97E-06	0.00E+00	7.58E-09	0.00E+00	1.74E-10	2.81E-07	0.00E+00	0.00E+00	7.97E-06
4533	ALL	462441.7	3773732	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.73E-10	1.73E-10	8.14E-08	7.91E-06	0.00E+00	7.52E-09	0.00E+00	1.73E-10	2.79E-07	0.00E+00	0.00E+00	7.91E-06
4534	ALL	462436.6	3773723	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.74E-10	1.74E-10	8.20E-08	7.98E-06	0.00E+00	7.57E-09	0.00E+00	1.74E-10	2.81E-07	0.00E+00	0.00E+00	7.98E-06

4535	ALL	462433	3773714	NonCancer	0.00E+00	2.47E-09	0.00E+00	1.75E-10	1.75E-10	8.25E-08	8.04E-06	0.00E+00	7.61E-09	0.00E+00	1.75E-10	2.82E-07	0.00E+00	0.00E+00	8.04E-06
4536	ALL	462429.4	3773706	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.25E-08	8.06E-06	0.00E+00	7.62E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	8.06E-06
4537	ALL	462425.7	3773697	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.26E-08	8.08E-06	0.00E+00	7.63E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	8.08E-06
4538	ALL	462422.1	3773688	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.27E-08	8.10E-06	0.00E+00	7.63E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	8.10E-06
4539	ALL	462418.5	3773680	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.32E-08	8.16E-06	0.00E+00	7.68E-09	0.00E+00	1.76E-10	2.85E-07	0.00E+00	0.00E+00	8.16E-06
4540	ALL	462414.8	3773671	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.78E-10	1.78E-10	8.38E-08	8.24E-06	0.00E+00	7.74E-09	0.00E+00	1.78E-10	2.87E-07	0.00E+00	0.00E+00	8.24E-06
4541	ALL	462411.2	3773662	NonCancer	0.00E+00	2.53E-09	0.00E+00	1.79E-10	1.79E-10	8.45E-08	8.32E-06	0.00E+00	7.80E-09	0.00E+00	1.79E-10	2.89E-07	0.00E+00	0.00E+00	8.32E-06
4542	ALL	462407.5	3773654	NonCancer	0.00E+00	2.55E-09	0.00E+00	1.80E-10	1.80E-10	8.50E-08	8.38E-06	0.00E+00	7.85E-09	0.00E+00	1.80E-10	2.91E-07	0.00E+00	0.00E+00	8.38E-06
4543	ALL	462403.9	3773645	NonCancer	0.00E+00	2.55E-09	0.00E+00	1.80E-10	1.80E-10	8.50E-08	8.40E-06	0.00E+00	7.85E-09	0.00E+00	1.80E-10	2.91E-07	0.00E+00	0.00E+00	8.40E-06
4544	ALL	462400.3	3773637	NonCancer	0.00E+00	2.55E-09	0.00E+00	1.80E-10	1.80E-10	8.50E-08	8.41E-06	0.00E+00	7.85E-09	0.00E+00	1.80E-10	2.91E-07	0.00E+00	0.00E+00	8.41E-06
4545	ALL	462396.6	3773628	NonCancer	0.00E+00	2.55E-09	0.00E+00	1.80E-10	1.80E-10	8.50E-08	8.42E-06	0.00E+00	7.84E-09	0.00E+00	1.80E-10	2.91E-07	0.00E+00	0.00E+00	8.42E-06
4546	ALL	462385.7	3773602	NonCancer	0.00E+00	2.55E-09	0.00E+00	1.80E-10	1.80E-10	8.49E-08	8.44E-06	0.00E+00	7.84E-09	0.00E+00	1.80E-10	2.91E-07	0.00E+00	0.00E+00	8.44E-06
4547	ALL	462382.1	3773594	NonCancer	0.00E+00	2.55E-09	0.00E+00	1.80E-10	1.80E-10	8.50E-08	8.47E-06	0.00E+00	7.85E-09	0.00E+00	1.80E-10	2.91E-07	0.00E+00	0.00E+00	8.47E-06
4548	ALL	462378.4	3773585	NonCancer	0.00E+00	2.57E-09	0.00E+00	1.81E-10	1.81E-10	8.56E-08	8.54E-06	0.00E+00	7.90E-09	0.00E+00	1.81E-10	2.93E-07	0.00E+00	0.00E+00	8.54E-06
4549	ALL	462374.8	3773576	NonCancer	0.00E+00	2.58E-09	0.00E+00	1.82E-10	1.82E-10	8.60E-08	8.60E-06	0.00E+00	7.94E-09	0.00E+00	1.82E-10	2.94E-07	0.00E+00	0.00E+00	8.60E-06
4550	ALL	462371.1	3773568	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.65E-08	8.67E-06	0.00E+00	7.98E-09	0.00E+00	1.83E-10	2.96E-07	0.00E+00	0.00E+00	8.67E-06
4551	ALL	462367.5	3773559	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.65E-08	8.68E-06	0.00E+00	7.98E-09	0.00E+00	1.83E-10	2.96E-07	0.00E+00	0.00E+00	8.68E-06
4552	ALL	462363.9	3773550	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.63E-08	8.68E-06	0.00E+00	7.97E-09	0.00E+00	1.83E-10	2.96E-07	0.00E+00	0.00E+00	8.68E-06
4553	ALL	462360.2	3773542	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.62E-08	8.68E-06	0.00E+00	7.96E-09	0.00E+00	1.83E-10	2.95E-07	0.00E+00	0.00E+00	8.68E-06
4554	ALL	462356.6	3773533	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.63E-08	8.69E-06	0.00E+00	7.96E-09	0.00E+00	1.83E-10	2.95E-07	0.00E+00	0.00E+00	8.69E-06
4555	ALL	462353	3773525	NonCancer	0.00E+00	2.60E-09	0.00E+00	1.84E-10	1.84E-10	8.66E-08	8.75E-06	0.00E+00	8.00E-09	0.00E+00	1.84E-10	2.97E-07	0.00E+00	0.00E+00	8.75E-06
4556	ALL	462349.3	3773516	NonCancer	0.00E+00	2.61E-09	0.00E+00	1.84E-10	1.84E-10	8.70E-08	8.81E-06	0.00E+00	8.03E-09	0.00E+00	1.84E-10	2.98E-07	0.00E+00	0.00E+00	8.81E-06
4557	ALL	462345.7	3773507	NonCancer	0.00E+00	2.62E-09	0.00E+00	1.85E-10	1.85E-10	8.73E-08	8.85E-06	0.00E+00	8.06E-09	0.00E+00	1.85E-10	2.99E-07	0.00E+00	0.00E+00	8.85E-06
4558	ALL	462342	3773499	NonCancer	0.00E+00	2.61E-09	0.00E+00	1.85E-10	1.85E-10	8.71E-08	8.85E-06	0.00E+00	8.04E-09	0.00E+00	1.85E-10	2.98E-07	0.00E+00	0.00E+00	8.85E-06
4559	ALL	462338.4	3773490	NonCancer	0.00E+00	2.61E-09	0.00E+00	1.84E-10	1.84E-10	8.69E-08	8.84E-06	0.00E+00	8.03E-09	0.00E+00	1.84E-10	2.98E-07	0.00E+00	0.00E+00	8.84E-06
4560	ALL	462917.5	3773968	NonCancer	0.00E+00	3.88E-09	0.00E+00	2.74E-10	2.74E-10	1.29E-07	1.13E-05	0.00E+00	1.20E-08	0.00E+00	2.74E-10	4.43E-07	0.00E+00	0.00E+00	1.13E-05
4561	ALL	462908.8	3773964	NonCancer	0.00E+00	3.83E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.12E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.38E-07	0.00E+00	0.00E+00	1.12E-05
4562	ALL	462900.2	3773961	NonCancer	0.00E+00	3.79E-09	0.00E+00	2.68E-10	2.68E-10	1.26E-07	1.11E-05	0.00E+00	1.17E-08	0.00E+00	2.68E-10	4.33E-07	0.00E+00	0.00E+00	1.11E-05
4563	ALL	462891.6	3773957	NonCancer	0.00E+00	3.75E-09	0.00E+00	2.65E-10	2.65E-10	1.25E-07	1.10E-05	0.00E+00	1.15E-08	0.00E+00	2.65E-10	4.28E-07	0.00E+00	0.00E+00	1.10E-05
4564	ALL	462882.9	3773954	NonCancer	0.00E+00	3.71E-09	0.00E+00	2.62E-10	2.62E-10	1.24E-07	1.09E-05	0.00E+00	1.14E-08	0.00E+00	2.62E-10	4.23E-07	0.00E+00	0.00E+00	1.09E-05
4565	ALL	462874.3	3773950	NonCancer	0.00E+00	3.68E-09	0.00E+00	2.60E-10	2.60E-10	1.23E-07	1.09E-05	0.00E+00	1.13E-08	0.00E+00	2.60E-10	4.20E-07	0.00E+00	0.00E+00	1.09E-05
4566	ALL	462865.6	3773946	NonCancer	0.00E+00	3.65E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.08E-05	0.00E+00	1.12E-08	0.00E+00	2.58E-10	4.16E-07	0.00E+00	0.00E+00	1.08E-05
4567	ALL	462857	3773943	NonCancer	0.00E+00	3.62E-09	0.00E+00	2.56E-10	2.56E-10	1.21E-07	1.07E-05	0.00E+00	1.11E-08	0.00E+00	2.56E-10	4.13E-07	0.00E+00	0.00E+00	1.07E-05
4568	ALL	462848.4	3773939	NonCancer	0.00E+00	3.59E-09	0.00E+00	2.53E-10	2.53E-10	1.20E-07	1.07E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.09E-07	0.00E+00	0.00E+00	1.07E-05
4569	ALL	462839.7	3773936	NonCancer	0.00E+00	3.54E-09	0.00E+00	2.50E-10	2.50E-10	1.18E-07	1.06E-05	0.00E+00	1.09E-08	0.00E+00	2.50E-10	4.04E-07	0.00E+00	0.00E+00	1.06E-05
4570	ALL	462831.1	3773932	NonCancer	0.00E+00	3.49E-09	0.00E+00	2.47E-10	2.47E-10	1.16E-07	1.04E-05	0.00E+00	1.08E-08	0.00E+00	2.47E-10	3.99E-07	0.00E+00	0.00E+00	1.04E-05
4571	ALL	462822.5	3773929	NonCancer	0.00E+00	3.44E-09	0.00E+00	2.43E-10	2.43E-10	1.15E-07	1.03E-05	0.00E+00	1.06E-08	0.00E+00	2.43E-10	3.93E-07	0.00E+00	0.00E+00	1.03E-05
4572	ALL	462813.8	3773925	NonCancer	0.00E+00	3.40E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.02E-05	0.00E+00	1.05E-08	0.00E+00	2.40E-10	3.88E-07	0.00E+00	0.00E+00	1.02E-05
4573	ALL	462805.2	3773922	NonCancer	0.00E+00	3.38E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	1.02E-05	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.85E-07	0.00E+00	0.00E+00	1.02E-05
4574	ALL	462796.5	3773918	NonCancer	0.00E+00	3.35E-09	0.00E+00	2.37E-10	2.37E-10	1.12E-07	1.01E-05	0.00E+00	1.03E-08	0.00E+00	2.37E-10	3.83E-07	0.00E+00	0.00E+00	1.01E-05
4575	ALL	462787.9	3773914	NonCancer	0.00E+00	3.33E-09	0.00E+00	2.35E-10	2.35E-10	1.11E-07	1.01E-05	0.00E+00	1.02E-08	0.00E+00	2.35E-10	3.80E-07	0.00E+00	0.00E+00	1.01E-05
4576	ALL	462779.3	3773911	NonCancer	0.00E+00	3.30E-09	0.00E+00	2.33E-10	2.33E-10	1.10E-07	1.00E-05	0.00E+00	1.02E-08	0.00E+00	2.33E-10	3.77E-07	0.00E+00	0.00E+00	1.00E-05
4577	ALL	462770.6	3773907	NonCancer	0.00E+00	3.28E-09	0.00E+00	2.32E-10	2.32E-10	1.09E-07	9.97E-06	0.00E+00	1.01E-08	0.00E+00	2.32E-10	3.74E-07	0.00E+00	0.00E+00	9.97E-06
4578	ALL	462762	3773904	NonCancer	0.00E+00	3.26E-09	0.00E+00	2.30E-10	2.30E-10	1.09E-07	9.92E-06	0.00E+00	1.00E-08	0.00E+00	2.30E-10	3.72E-07	0.00E+00	0.00E+00	9.92E-06
4579	ALL	462753.3	3773900	NonCancer	0.00E+00	3.23E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	9.88E-06	0.00E+00	9.96E-09	0.00E+00	2.29E-10	3.69E-07	0.00E+00	0.00E+00	9.88E-06
4580	ALL	462744.7	3773897	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	9.83E-06	0.00E+00	9.89E-09	0.00E+00	2.27E-10	3.67E-07	0.00E+00	0.00E+00	9.83E-06
4581	ALL	462736.1	3773893	NonCancer	0.00E+00	3.18E-09	0.00E+00	2.25E-10	2.25E-10	1.06E-07	9.76E-06	0.00E+00	9.80E-09	0.00E+00	2.25E-10	3.63E-07	0.00E+00	0.00E+00	9.76E-06
4582	ALL	462727.4	3773890	NonCancer	0.00E+00	3.15E-09	0.00E+00	2.23E-10	2.23E-10	1.05E-07	9.68E-06	0.00E+00	9.70E-09	0.00E+00	2.23E-10	3.60E-07	0.00E+00	0.00E+00	9.68E-06
4583	ALL	462718.8	3773886	NonCancer	0.00E+00	3.12E-09	0.00E+00	2.21E-10	2.21E-10	1.04E-07	9.61E-06	0.00E+00	9.61E-09	0.00E+00	2.21E-10	3.56E-07	0.00E+00	0.00E+00	9.61E-06
4584	ALL	462710.2	3773882	NonCancer	0.00E+00	3.09E-09	0.00E+00	2.19E-10	2.19E-10	1.03E-07	9.54E-06	0.00E+00	9.52E-09	0.00E+00	2.19E-10	3.53E-07	0.00E+00	0.00E+00	9.54E-06
4585	ALL	462701.5	3773879	NonCancer	0.00E+00	3.06E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	9.46E-06	0.00E+00	9.43E-09	0.00E+00	2.16E-10	3.50E-07	0.00E+00	0.00E+00	9.46E-06
4586	ALL	462692.9	3773875	NonCancer	0.00E+00	3.03E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	9.39E-06	0.00E+00	9.34E-09	0.00E+00	2.14E-10	3.46E-07	0.00E+00	0.00E+00	9.39E-06
4587	ALL	462684.2	3773872	NonCancer	0.00E+00	3.01E-09	0.00E+00	2.12E-10	2.12E-10	1.00E-07	9.32E-06	0.00E+00	9.25E-09	0.00E+00	2.12E-10	3.43E-07	0.00E+00	0.00E+00	9.32E-06
4588	ALL	462675.6	3773868	NonCancer	0.00E+00	2.98E-09	0.00E+00	2.10E-10	2.10E-10	9.93E-08	9.25E-06	0.00E+00	9.17E-09	0.00E+00	2.10E-10	3.40E-07	0.00E+00	0.00E+00	9.25E-06

4589	ALL	462667	3773865	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.09E-10	2.09E-10	9.85E-08	9.19E-06	0.00E+00	9.09E-09	0.00E+00	2.09E-10	3.37E-07	0.00E+00	0.00E+00	9.19E-06
4590	ALL	462658.3	3773861	NonCancer	0.00E+00	2.93E-09	0.00E+00	2.07E-10	2.07E-10	9.77E-08	9.13E-06	0.00E+00	9.02E-09	0.00E+00	2.07E-10	3.34E-07	0.00E+00	0.00E+00	9.13E-06
4591	ALL	462649.7	3773858	NonCancer	0.00E+00	2.90E-09	0.00E+00	2.05E-10	2.05E-10	9.67E-08	9.05E-06	0.00E+00	8.93E-09	0.00E+00	2.05E-10	3.31E-07	0.00E+00	0.00E+00	9.05E-06
4592	ALL	462641	3773854	NonCancer	0.00E+00	2.87E-09	0.00E+00	2.03E-10	2.03E-10	9.56E-08	8.96E-06	0.00E+00	8.83E-09	0.00E+00	2.03E-10	3.27E-07	0.00E+00	0.00E+00	8.96E-06
4593	ALL	462632.4	3773850	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.01E-10	2.01E-10	9.47E-08	8.89E-06	0.00E+00	8.74E-09	0.00E+00	2.01E-10	3.24E-07	0.00E+00	0.00E+00	8.89E-06
4594	ALL	462606.5	3773840	NonCancer	0.00E+00	2.76E-09	0.00E+00	1.95E-10	1.95E-10	9.20E-08	8.67E-06	0.00E+00	8.49E-09	0.00E+00	1.95E-10	3.15E-07	0.00E+00	0.00E+00	8.67E-06
4595	ALL	462597.9	3773836	NonCancer	0.00E+00	2.73E-09	0.00E+00	1.93E-10	1.93E-10	9.11E-08	8.60E-06	0.00E+00	8.41E-09	0.00E+00	1.93E-10	3.12E-07	0.00E+00	0.00E+00	8.60E-06
4596	ALL	462589.2	3773833	NonCancer	0.00E+00	2.71E-09	0.00E+00	1.92E-10	1.92E-10	9.05E-08	8.56E-06	0.00E+00	8.35E-09	0.00E+00	1.92E-10	3.10E-07	0.00E+00	0.00E+00	8.56E-06
4597	ALL	462580.6	3773829	NonCancer	0.00E+00	2.70E-09	0.00E+00	1.90E-10	1.90E-10	8.99E-08	8.51E-06	0.00E+00	8.30E-09	0.00E+00	1.90E-10	3.08E-07	0.00E+00	0.00E+00	8.51E-06
4598	ALL	462571.9	3773826	NonCancer	0.00E+00	2.68E-09	0.00E+00	1.89E-10	1.89E-10	8.93E-08	8.47E-06	0.00E+00	8.24E-09	0.00E+00	1.89E-10	3.05E-07	0.00E+00	0.00E+00	8.47E-06
4599	ALL	462563.3	3773822	NonCancer	0.00E+00	2.66E-09	0.00E+00	1.88E-10	1.88E-10	8.86E-08	8.42E-06	0.00E+00	8.18E-09	0.00E+00	1.88E-10	3.03E-07	0.00E+00	0.00E+00	8.42E-06
4600	ALL	462554.7	3773818	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.86E-10	1.86E-10	8.80E-08	8.37E-06	0.00E+00	8.12E-09	0.00E+00	1.86E-10	3.01E-07	0.00E+00	0.00E+00	8.37E-06
4601	ALL	462546	3773815	NonCancer	0.00E+00	2.62E-09	0.00E+00	1.85E-10	1.85E-10	8.74E-08	8.33E-06	0.00E+00	8.07E-09	0.00E+00	1.85E-10	2.99E-07	0.00E+00	0.00E+00	8.33E-06
4602	ALL	462537.4	3773811	NonCancer	0.00E+00	2.60E-09	0.00E+00	1.84E-10	1.84E-10	8.68E-08	8.28E-06	0.00E+00	8.01E-09	0.00E+00	1.84E-10	2.97E-07	0.00E+00	0.00E+00	8.28E-06
4603	ALL	462528.7	3773808	NonCancer	0.00E+00	2.58E-09	0.00E+00	1.83E-10	1.83E-10	8.61E-08	8.23E-06	0.00E+00	7.95E-09	0.00E+00	1.83E-10	2.95E-07	0.00E+00	0.00E+00	8.23E-06
4604	ALL	462520.1	3773804	NonCancer	0.00E+00	2.56E-09	0.00E+00	1.81E-10	1.81E-10	8.54E-08	8.17E-06	0.00E+00	7.89E-09	0.00E+00	1.81E-10	2.92E-07	0.00E+00	0.00E+00	8.17E-06
4605	ALL	462511.5	3773801	NonCancer	0.00E+00	2.54E-09	0.00E+00	1.79E-10	1.79E-10	8.46E-08	8.10E-06	0.00E+00	7.81E-09	0.00E+00	1.79E-10	2.90E-07	0.00E+00	0.00E+00	8.10E-06
4606	ALL	462502.8	3773797	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.38E-08	8.03E-06	0.00E+00	7.73E-09	0.00E+00	1.77E-10	2.87E-07	0.00E+00	0.00E+00	8.03E-06
4607	ALL	462494.2	3773794	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.29E-08	7.96E-06	0.00E+00	7.66E-09	0.00E+00	1.76E-10	2.84E-07	0.00E+00	0.00E+00	7.96E-06
4608	ALL	462485.6	3773790	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.74E-10	1.74E-10	8.21E-08	7.89E-06	0.00E+00	7.58E-09	0.00E+00	1.74E-10	2.81E-07	0.00E+00	0.00E+00	7.89E-06
4609	ALL	462476.9	3773786	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.72E-10	1.72E-10	8.13E-08	7.82E-06	0.00E+00	7.51E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	7.82E-06
4610	ALL	462468.3	3773783	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.05E-08	7.75E-06	0.00E+00	7.44E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	7.75E-06
4611	ALL	462459.6	3773779	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.98E-08	7.68E-06	0.00E+00	7.36E-09	0.00E+00	1.69E-10	2.73E-07	0.00E+00	0.00E+00	7.68E-06
4612	ALL	462451	3773776	NonCancer	0.00E+00	2.37E-09	0.00E+00	1.67E-10	1.67E-10	7.90E-08	7.61E-06	0.00E+00	7.29E-09	0.00E+00	1.67E-10	2.70E-07	0.00E+00	0.00E+00	7.61E-06
4613	ALL	462442.4	3773772	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.66E-10	1.66E-10	7.82E-08	7.54E-06	0.00E+00	7.22E-09	0.00E+00	1.66E-10	2.68E-07	0.00E+00	0.00E+00	7.54E-06
4614	ALL	462409.7	3773754	NonCancer	0.00E+00	2.27E-09	0.00E+00	1.60E-10	1.60E-10	7.56E-08	7.32E-06	0.00E+00	6.98E-09	0.00E+00	1.60E-10	2.59E-07	0.00E+00	0.00E+00	7.32E-06
4615	ALL	462406.1	3773745	NonCancer	0.00E+00	2.27E-09	0.00E+00	1.60E-10	1.60E-10	7.57E-08	7.34E-06	0.00E+00	6.99E-09	0.00E+00	1.60E-10	2.59E-07	0.00E+00	0.00E+00	7.34E-06
4616	ALL	462402.4	3773737	NonCancer	0.00E+00	2.29E-09	0.00E+00	1.62E-10	1.62E-10	7.62E-08	7.40E-06	0.00E+00	7.04E-09	0.00E+00	1.62E-10	2.61E-07	0.00E+00	0.00E+00	7.40E-06
4617	ALL	462398.8	3773728	NonCancer	0.00E+00	2.30E-09	0.00E+00	1.63E-10	1.63E-10	7.68E-08	7.47E-06	0.00E+00	7.09E-09	0.00E+00	1.63E-10	2.63E-07	0.00E+00	0.00E+00	7.47E-06
4618	ALL	462395.2	3773720	NonCancer	0.00E+00	2.32E-09	0.00E+00	1.64E-10	1.64E-10	7.74E-08	7.54E-06	0.00E+00	7.14E-09	0.00E+00	1.64E-10	2.65E-07	0.00E+00	0.00E+00	7.54E-06
4619	ALL	462391.5	3773711	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.64E-10	1.64E-10	7.76E-08	7.58E-06	0.00E+00	7.17E-09	0.00E+00	1.64E-10	2.66E-07	0.00E+00	0.00E+00	7.58E-06
4620	ALL	462387.9	3773702	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.77E-08	7.59E-06	0.00E+00	7.17E-09	0.00E+00	1.65E-10	2.66E-07	0.00E+00	0.00E+00	7.59E-06
4621	ALL	462384.3	3773694	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.77E-08	7.60E-06	0.00E+00	7.17E-09	0.00E+00	1.65E-10	2.66E-07	0.00E+00	0.00E+00	7.60E-06
4622	ALL	462380.6	3773685	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.77E-08	7.62E-06	0.00E+00	7.18E-09	0.00E+00	1.65E-10	2.66E-07	0.00E+00	0.00E+00	7.62E-06
4623	ALL	462377	3773677	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.65E-10	1.65E-10	7.79E-08	7.64E-06	0.00E+00	7.19E-09	0.00E+00	1.65E-10	2.67E-07	0.00E+00	0.00E+00	7.64E-06
4624	ALL	462373.4	3773668	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.65E-10	1.65E-10	7.79E-08	7.65E-06	0.00E+00	7.19E-09	0.00E+00	1.65E-10	2.67E-07	0.00E+00	0.00E+00	7.65E-06
4625	ALL	462369.7	3773659	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.77E-08	7.64E-06	0.00E+00	7.17E-09	0.00E+00	1.65E-10	2.66E-07	0.00E+00	0.00E+00	7.64E-06
4626	ALL	462366.1	3773651	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.65E-10	1.65E-10	7.81E-08	7.69E-06	0.00E+00	7.21E-09	0.00E+00	1.65E-10	2.67E-07	0.00E+00	0.00E+00	7.69E-06
4627	ALL	462362.5	3773642	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.86E-08	7.76E-06	0.00E+00	7.26E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	7.76E-06
4628	ALL	462358.8	3773634	NonCancer	0.00E+00	2.38E-09	0.00E+00	1.68E-10	1.68E-10	7.92E-08	7.83E-06	0.00E+00	7.31E-09	0.00E+00	1.68E-10	2.71E-07	0.00E+00	0.00E+00	7.83E-06
4629	ALL	462355.2	3773625	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.97E-08	7.89E-06	0.00E+00	7.36E-09	0.00E+00	1.69E-10	2.73E-07	0.00E+00	0.00E+00	7.89E-06
4630	ALL	462351.6	3773616	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.97E-08	7.89E-06	0.00E+00	7.35E-09	0.00E+00	1.69E-10	2.73E-07	0.00E+00	0.00E+00	7.89E-06
4631	ALL	462344.3	3773599	NonCancer	0.00E+00	2.38E-09	0.00E+00	1.69E-10	1.69E-10	7.95E-08	7.90E-06	0.00E+00	7.34E-09	0.00E+00	1.69E-10	2.72E-07	0.00E+00	0.00E+00	7.90E-06
4632	ALL	462340.7	3773591	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.99E-08	7.95E-06	0.00E+00	7.37E-09	0.00E+00	1.69E-10	2.73E-07	0.00E+00	0.00E+00	7.95E-06
4633	ALL	462337	3773582	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.70E-10	1.70E-10	8.03E-08	8.01E-06	0.00E+00	7.41E-09	0.00E+00	1.70E-10	2.75E-07	0.00E+00	0.00E+00	8.01E-06
4634	ALL	462333.4	3773573	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.07E-08	8.06E-06	0.00E+00	7.45E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.06E-06
4635	ALL	462329.8	3773565	NonCancer	0.00E+00	2.43E-09	0.00E+00	1.72E-10	1.72E-10	8.10E-08	8.11E-06	0.00E+00	7.48E-09	0.00E+00	1.72E-10	2.77E-07	0.00E+00	0.00E+00	8.11E-06
4636	ALL	462326.1	3773556	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.09E-08	8.11E-06	0.00E+00	7.47E-09	0.00E+00	1.71E-10	2.77E-07	0.00E+00	0.00E+00	8.11E-06
4637	ALL	462322.5	3773548	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.07E-08	8.10E-06	0.00E+00	7.45E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.10E-06
4638	ALL	462318.9	3773539	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.06E-08	8.10E-06	0.00E+00	7.44E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.10E-06
4639	ALL	462315.2	3773530	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.08E-08	8.13E-06	0.00E+00	7.46E-09	0.00E+00	1.71E-10	2.77E-07	0.00E+00	0.00E+00	8.13E-06
4640	ALL	462311.6	3773522	NonCancer	0.00E+00	2.43E-09	0.00E+00	1.72E-10	1.72E-10	8.11E-08	8.18E-06	0.00E+00	7.49E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	8.18E-06
4641	ALL	462308	3773513	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.72E-10	1.72E-10	8.14E-08	8.22E-06	0.00E+00	7.51E-09	0.00E+00	1.72E-10	2.79E-07	0.00E+00	0.00E+00	8.22E-06
4642	ALL	462304.3	3773505	NonCancer	0.00E+00	2.45E-09	0.00E+00	1.73E-10	1.73E-10	8.15E-08	8.25E-06	0.00E+00	7.53E-09	0.00E+00	1.73E-10	2.79E-07	0.00E+00	0.00E+00	8.25E-06

4643	ALL	462300.7	3773496	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.72E-10	1.72E-10	8.14E-08	8.24E-06	0.00E+00	7.51E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	8.24E-06
4644	ALL	462917.5	3774008	NonCancer	0.00E+00	3.67E-09	0.00E+00	2.59E-10	2.59E-10	1.22E-07	1.06E-05	0.00E+00	1.13E-08	0.00E+00	2.59E-10	4.19E-07	0.00E+00	0.00E+00	1.06E-05
4645	ALL	462908.8	3774004	NonCancer	0.00E+00	3.62E-09	0.00E+00	2.56E-10	2.56E-10	1.21E-07	1.05E-05	0.00E+00	1.11E-08	0.00E+00	2.56E-10	4.13E-07	0.00E+00	0.00E+00	1.05E-05
4646	ALL	462900.2	3774001	NonCancer	0.00E+00	3.58E-09	0.00E+00	2.53E-10	2.53E-10	1.20E-07	1.04E-05	0.00E+00	1.10E-08	0.00E+00	2.53E-10	4.09E-07	0.00E+00	0.00E+00	1.04E-05
4647	ALL	462891.5	3773997	NonCancer	0.00E+00	3.55E-09	0.00E+00	2.51E-10	2.51E-10	1.19E-07	1.04E-05	0.00E+00	1.09E-08	0.00E+00	2.51E-10	4.06E-07	0.00E+00	0.00E+00	1.04E-05
4648	ALL	462882.9	3773994	NonCancer	0.00E+00	3.52E-09	0.00E+00	2.49E-10	2.49E-10	1.18E-07	1.03E-05	0.00E+00	1.09E-08	0.00E+00	2.49E-10	4.02E-07	0.00E+00	0.00E+00	1.03E-05
4649	ALL	462874.2	3773990	NonCancer	0.00E+00	3.48E-09	0.00E+00	2.46E-10	2.46E-10	1.16E-07	1.02E-05	0.00E+00	1.07E-08	0.00E+00	2.46E-10	3.97E-07	0.00E+00	0.00E+00	1.02E-05
4650	ALL	462865.6	3773986	NonCancer	0.00E+00	3.43E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	1.01E-05	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.91E-07	0.00E+00	0.00E+00	1.01E-05
4651	ALL	462856.9	3773983	NonCancer	0.00E+00	3.37E-09	0.00E+00	2.38E-10	2.38E-10	1.12E-07	9.93E-06	0.00E+00	1.04E-08	0.00E+00	2.38E-10	3.85E-07	0.00E+00	0.00E+00	9.93E-06
4652	ALL	462848.3	3773979	NonCancer	0.00E+00	3.33E-09	0.00E+00	2.35E-10	2.35E-10	1.11E-07	9.82E-06	0.00E+00	1.02E-08	0.00E+00	2.35E-10	3.80E-07	0.00E+00	0.00E+00	9.82E-06
4653	ALL	462839.6	3773976	NonCancer	0.00E+00	3.30E-09	0.00E+00	2.33E-10	2.33E-10	1.10E-07	9.77E-06	0.00E+00	1.02E-08	0.00E+00	2.33E-10	3.77E-07	0.00E+00	0.00E+00	9.77E-06
4654	ALL	462831	3773972	NonCancer	0.00E+00	3.28E-09	0.00E+00	2.32E-10	2.32E-10	1.09E-07	9.72E-06	0.00E+00	1.01E-08	0.00E+00	2.32E-10	3.74E-07	0.00E+00	0.00E+00	9.72E-06
4655	ALL	462822.3	3773969	NonCancer	0.00E+00	3.25E-09	0.00E+00	2.30E-10	2.30E-10	1.08E-07	9.68E-06	0.00E+00	1.00E-08	0.00E+00	2.30E-10	3.71E-07	0.00E+00	0.00E+00	9.68E-06
4656	ALL	462813.7	3773965	NonCancer	0.00E+00	3.23E-09	0.00E+00	2.28E-10	2.28E-10	1.08E-07	9.63E-06	0.00E+00	9.95E-09	0.00E+00	2.28E-10	3.69E-07	0.00E+00	0.00E+00	9.63E-06
4657	ALL	462805	3773962	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	9.59E-06	0.00E+00	9.88E-09	0.00E+00	2.27E-10	3.66E-07	0.00E+00	0.00E+00	9.59E-06
4658	ALL	462796.4	3773958	NonCancer	0.00E+00	3.19E-09	0.00E+00	2.25E-10	2.25E-10	1.06E-07	9.54E-06	0.00E+00	9.81E-09	0.00E+00	2.25E-10	3.64E-07	0.00E+00	0.00E+00	9.54E-06
4659	ALL	462787.7	3773954	NonCancer	0.00E+00	3.16E-09	0.00E+00	2.23E-10	2.23E-10	1.05E-07	9.48E-06	0.00E+00	9.72E-09	0.00E+00	2.23E-10	3.60E-07	0.00E+00	0.00E+00	9.48E-06
4660	ALL	462779.1	3773951	NonCancer	0.00E+00	3.13E-09	0.00E+00	2.21E-10	2.21E-10	1.04E-07	9.41E-06	0.00E+00	9.63E-09	0.00E+00	2.21E-10	3.57E-07	0.00E+00	0.00E+00	9.41E-06
4661	ALL	462770.4	3773947	NonCancer	0.00E+00	3.10E-09	0.00E+00	2.19E-10	2.19E-10	1.03E-07	9.34E-06	0.00E+00	9.54E-09	0.00E+00	2.19E-10	3.54E-07	0.00E+00	0.00E+00	9.34E-06
4662	ALL	462761.7	3773944	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.02E-07	9.27E-06	0.00E+00	9.44E-09	0.00E+00	2.17E-10	3.50E-07	0.00E+00	0.00E+00	9.27E-06
4663	ALL	462753.1	3773940	NonCancer	0.00E+00	3.04E-09	0.00E+00	2.15E-10	2.15E-10	1.01E-07	9.20E-06	0.00E+00	9.35E-09	0.00E+00	2.15E-10	3.47E-07	0.00E+00	0.00E+00	9.20E-06
4664	ALL	462744.4	3773937	NonCancer	0.00E+00	3.01E-09	0.00E+00	2.13E-10	2.13E-10	1.00E-07	9.13E-06	0.00E+00	9.27E-09	0.00E+00	2.13E-10	3.44E-07	0.00E+00	0.00E+00	9.13E-06
4665	ALL	462735.8	3773933	NonCancer	0.00E+00	2.98E-09	0.00E+00	2.11E-10	2.11E-10	9.94E-08	9.06E-06	0.00E+00	9.18E-09	0.00E+00	2.11E-10	3.40E-07	0.00E+00	0.00E+00	9.06E-06
4666	ALL	462727.1	3773929	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.09E-10	2.09E-10	9.85E-08	8.99E-06	0.00E+00	9.09E-09	0.00E+00	2.09E-10	3.37E-07	0.00E+00	0.00E+00	8.99E-06
4667	ALL	462718.5	3773926	NonCancer	0.00E+00	2.93E-09	0.00E+00	2.07E-10	2.07E-10	9.76E-08	8.93E-06	0.00E+00	9.01E-09	0.00E+00	2.07E-10	3.34E-07	0.00E+00	0.00E+00	8.93E-06
4668	ALL	462709.8	3773922	NonCancer	0.00E+00	2.91E-09	0.00E+00	2.05E-10	2.05E-10	9.70E-08	8.89E-06	0.00E+00	8.95E-09	0.00E+00	2.05E-10	3.32E-07	0.00E+00	0.00E+00	8.89E-06
4669	ALL	462701.2	3773919	NonCancer	0.00E+00	2.89E-09	0.00E+00	2.04E-10	2.04E-10	9.63E-08	8.85E-06	0.00E+00	8.89E-09	0.00E+00	2.04E-10	3.30E-07	0.00E+00	0.00E+00	8.85E-06
4670	ALL	462692.5	3773915	NonCancer	0.00E+00	2.87E-09	0.00E+00	2.03E-10	2.03E-10	9.57E-08	8.81E-06	0.00E+00	8.83E-09	0.00E+00	2.03E-10	3.28E-07	0.00E+00	0.00E+00	8.81E-06
4671	ALL	462683.9	3773912	NonCancer	0.00E+00	2.85E-09	0.00E+00	2.01E-10	2.01E-10	9.51E-08	8.77E-06	0.00E+00	8.78E-09	0.00E+00	2.01E-10	3.25E-07	0.00E+00	0.00E+00	8.77E-06
4672	ALL	462675.2	3773908	NonCancer	0.00E+00	2.83E-09	0.00E+00	2.00E-10	2.00E-10	9.45E-08	8.73E-06	0.00E+00	8.72E-09	0.00E+00	2.00E-10	3.23E-07	0.00E+00	0.00E+00	8.73E-06
4673	ALL	462666.6	3773905	NonCancer	0.00E+00	2.81E-09	0.00E+00	1.99E-10	1.99E-10	9.39E-08	8.69E-06	0.00E+00	8.67E-09	0.00E+00	1.99E-10	3.21E-07	0.00E+00	0.00E+00	8.69E-06
4674	ALL	462657.9	3773901	NonCancer	0.00E+00	2.80E-09	0.00E+00	1.98E-10	1.98E-10	9.32E-08	8.65E-06	0.00E+00	8.61E-09	0.00E+00	1.98E-10	3.19E-07	0.00E+00	0.00E+00	8.65E-06
4675	ALL	462649.3	3773897	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.96E-10	1.96E-10	9.26E-08	8.61E-06	0.00E+00	8.55E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	8.61E-06
4676	ALL	462640.6	3773894	NonCancer	0.00E+00	2.75E-09	0.00E+00	1.95E-10	1.95E-10	9.19E-08	8.55E-06	0.00E+00	8.48E-09	0.00E+00	1.95E-10	3.14E-07	0.00E+00	0.00E+00	8.55E-06
4677	ALL	462632	3773890	NonCancer	0.00E+00	2.73E-09	0.00E+00	1.93E-10	1.93E-10	9.10E-08	8.49E-06	0.00E+00	8.40E-09	0.00E+00	1.93E-10	3.12E-07	0.00E+00	0.00E+00	8.49E-06
4678	ALL	462606	3773880	NonCancer	0.00E+00	2.65E-09	0.00E+00	1.87E-10	1.87E-10	8.84E-08	8.28E-06	0.00E+00	8.16E-09	0.00E+00	1.87E-10	3.03E-07	0.00E+00	0.00E+00	8.28E-06
4679	ALL	462597.4	3773876	NonCancer	0.00E+00	2.62E-09	0.00E+00	1.85E-10	1.85E-10	8.75E-08	8.20E-06	0.00E+00	8.07E-09	0.00E+00	1.85E-10	2.99E-07	0.00E+00	0.00E+00	8.20E-06
4680	ALL	462588.7	3773873	NonCancer	0.00E+00	2.60E-09	0.00E+00	1.84E-10	1.84E-10	8.66E-08	8.13E-06	0.00E+00	8.00E-09	0.00E+00	1.84E-10	2.96E-07	0.00E+00	0.00E+00	8.13E-06
4681	ALL	462580.1	3773869	NonCancer	0.00E+00	2.58E-09	0.00E+00	1.82E-10	1.82E-10	8.59E-08	8.08E-06	0.00E+00	7.93E-09	0.00E+00	1.82E-10	2.94E-07	0.00E+00	0.00E+00	8.08E-06
4682	ALL	462571.4	3773865	NonCancer	0.00E+00	2.56E-09	0.00E+00	1.81E-10	1.81E-10	8.53E-08	8.03E-06	0.00E+00	7.88E-09	0.00E+00	1.81E-10	2.92E-07	0.00E+00	0.00E+00	8.03E-06
4683	ALL	462562.8	3773862	NonCancer	0.00E+00	2.53E-09	0.00E+00	1.79E-10	1.79E-10	8.45E-08	7.97E-06	0.00E+00	7.80E-09	0.00E+00	1.79E-10	2.89E-07	0.00E+00	0.00E+00	7.97E-06
4684	ALL	462554.1	3773858	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.37E-08	7.90E-06	0.00E+00	7.73E-09	0.00E+00	1.77E-10	2.87E-07	0.00E+00	0.00E+00	7.90E-06
4685	ALL	462545.5	3773855	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.30E-08	7.84E-06	0.00E+00	7.66E-09	0.00E+00	1.76E-10	2.84E-07	0.00E+00	0.00E+00	7.84E-06
4686	ALL	462536.8	3773851	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.74E-10	1.74E-10	8.22E-08	7.78E-06	0.00E+00	7.59E-09	0.00E+00	1.74E-10	2.81E-07	0.00E+00	0.00E+00	7.78E-06
4687	ALL	462528.2	3773848	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.73E-10	1.73E-10	8.14E-08	7.71E-06	0.00E+00	7.52E-09	0.00E+00	1.73E-10	2.79E-07	0.00E+00	0.00E+00	7.71E-06
4688	ALL	462519.5	3773844	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.07E-08	7.65E-06	0.00E+00	7.45E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	7.65E-06
4689	ALL	462510.9	3773840	NonCancer	0.00E+00	2.40E-09	0.00E+00	1.69E-10	1.69E-10	7.99E-08	7.59E-06	0.00E+00	7.38E-09	0.00E+00	1.69E-10	2.73E-07	0.00E+00	0.00E+00	7.59E-06
4690	ALL	462502.2	3773837	NonCancer	0.00E+00	2.37E-09	0.00E+00	1.68E-10	1.68E-10	7.92E-08	7.53E-06	0.00E+00	7.31E-09	0.00E+00	1.68E-10	2.71E-07	0.00E+00	0.00E+00	7.53E-06
4691	ALL	462493.6	3773833	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.86E-08	7.48E-06	0.00E+00	7.26E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	7.48E-06
4692	ALL	462484.9	3773830	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.65E-10	1.65E-10	7.81E-08	7.44E-06	0.00E+00	7.21E-09	0.00E+00	1.65E-10	2.67E-07	0.00E+00	0.00E+00	7.44E-06
4693	ALL	462476.3	3773826	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.64E-10	1.64E-10	7.76E-08	7.40E-06	0.00E+00	7.16E-09	0.00E+00	1.64E-10	2.65E-07	0.00E+00	0.00E+00	7.40E-06
4694	ALL	462467.6	3773823	NonCancer	0.00E+00	2.31E-09	0.00E+00	1.63E-10	1.63E-10	7.70E-08	7.36E-06	0.00E+00	7.11E-09	0.00E+00	1.63E-10	2.64E-07	0.00E+00	0.00E+00	7.36E-06
4695	ALL	462459	3773819	NonCancer	0.00E+00	2.29E-09	0.00E+00	1.62E-10	1.62E-10	7.65E-08	7.31E-06	0.00E+00	7.06E-09	0.00E+00	1.62E-10	2.62E-07	0.00E+00	0.00E+00	7.31E-06
4696	ALL	462450.3	3773816	NonCancer	0.00E+00	2.27E-09	0.00E+00	1.60E-10	1.60E-10	7.56E-08	7.24E-06	0.00E+00	6.98E-09	0.00E+00	1.60E-10	2.59E-07	0.00E+00	0.00E+00	7.24E-06

4697	ALL	462441.7	3773812	NonCancer	0.00E+00	2.24E-09	0.00E+00	1.58E-10	1.58E-10	7.46E-08	7.15E-06	0.00E+00	6.89E-09	0.00E+00	1.58E-10	2.55E-07	0.00E+00	0.00E+00	7.15E-06
4698	ALL	462433	3773808	NonCancer	0.00E+00	2.21E-09	0.00E+00	1.56E-10	1.56E-10	7.36E-08	7.05E-06	0.00E+00	6.79E-09	0.00E+00	1.56E-10	2.52E-07	0.00E+00	0.00E+00	7.05E-06
4699	ALL	462424.3	3773805	NonCancer	0.00E+00	2.18E-09	0.00E+00	1.54E-10	1.54E-10	7.28E-08	6.98E-06	0.00E+00	6.72E-09	0.00E+00	1.54E-10	2.49E-07	0.00E+00	0.00E+00	6.98E-06
4700	ALL	462415.7	3773801	NonCancer	0.00E+00	2.17E-09	0.00E+00	1.53E-10	1.53E-10	7.23E-08	6.94E-06	0.00E+00	6.67E-09	0.00E+00	1.53E-10	2.47E-07	0.00E+00	0.00E+00	6.94E-06
4701	ALL	462407	3773798	NonCancer	0.00E+00	2.15E-09	0.00E+00	1.52E-10	1.52E-10	7.18E-08	6.90E-06	0.00E+00	6.63E-09	0.00E+00	1.52E-10	2.46E-07	0.00E+00	0.00E+00	6.90E-06
4702	ALL	462398.4	3773794	NonCancer	0.00E+00	2.14E-09	0.00E+00	1.51E-10	1.51E-10	7.13E-08	6.86E-06	0.00E+00	6.58E-09	0.00E+00	1.51E-10	2.44E-07	0.00E+00	0.00E+00	6.86E-06
4703	ALL	462389.7	3773791	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.08E-08	6.82E-06	0.00E+00	6.54E-09	0.00E+00	1.50E-10	2.42E-07	0.00E+00	0.00E+00	6.82E-06
4704	ALL	462382.2	3773784	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.07E-08	6.82E-06	0.00E+00	6.53E-09	0.00E+00	1.50E-10	2.42E-07	0.00E+00	0.00E+00	6.82E-06
4705	ALL	462378.5	3773775	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.51E-10	1.51E-10	7.12E-08	6.87E-06	0.00E+00	6.57E-09	0.00E+00	1.51E-10	2.44E-07	0.00E+00	0.00E+00	6.87E-06
4706	ALL	462367.6	3773749	NonCancer	0.00E+00	2.14E-09	0.00E+00	1.51E-10	1.51E-10	7.13E-08	6.91E-06	0.00E+00	6.59E-09	0.00E+00	1.51E-10	2.44E-07	0.00E+00	0.00E+00	6.91E-06
4707	ALL	462364	3773741	NonCancer	0.00E+00	2.15E-09	0.00E+00	1.52E-10	1.52E-10	7.16E-08	6.95E-06	0.00E+00	6.61E-09	0.00E+00	1.52E-10	2.45E-07	0.00E+00	0.00E+00	6.95E-06
4708	ALL	462360.3	3773732	NonCancer	0.00E+00	2.16E-09	0.00E+00	1.52E-10	1.52E-10	7.19E-08	6.99E-06	0.00E+00	6.64E-09	0.00E+00	1.52E-10	2.46E-07	0.00E+00	0.00E+00	6.99E-06
4709	ALL	462356.7	3773724	NonCancer	0.00E+00	2.16E-09	0.00E+00	1.53E-10	1.53E-10	7.21E-08	7.02E-06	0.00E+00	6.66E-09	0.00E+00	1.53E-10	2.47E-07	0.00E+00	0.00E+00	7.02E-06
4710	ALL	462353	3773715	NonCancer	0.00E+00	2.17E-09	0.00E+00	1.53E-10	1.53E-10	7.22E-08	7.04E-06	0.00E+00	6.67E-09	0.00E+00	1.53E-10	2.47E-07	0.00E+00	0.00E+00	7.04E-06
4711	ALL	462349.4	3773706	NonCancer	0.00E+00	2.17E-09	0.00E+00	1.53E-10	1.53E-10	7.24E-08	7.06E-06	0.00E+00	6.68E-09	0.00E+00	1.53E-10	2.48E-07	0.00E+00	0.00E+00	7.06E-06
4712	ALL	462345.8	3773698	NonCancer	0.00E+00	2.18E-09	0.00E+00	1.54E-10	1.54E-10	7.26E-08	7.10E-06	0.00E+00	6.71E-09	0.00E+00	1.54E-10	2.49E-07	0.00E+00	0.00E+00	7.10E-06
4713	ALL	462342.1	3773689	NonCancer	0.00E+00	2.19E-09	0.00E+00	1.55E-10	1.55E-10	7.30E-08	7.15E-06	0.00E+00	6.74E-09	0.00E+00	1.55E-10	2.50E-07	0.00E+00	0.00E+00	7.15E-06
4714	ALL	462338.5	3773681	NonCancer	0.00E+00	2.19E-09	0.00E+00	1.55E-10	1.55E-10	7.32E-08	7.17E-06	0.00E+00	6.75E-09	0.00E+00	1.55E-10	2.50E-07	0.00E+00	0.00E+00	7.17E-06
4715	ALL	462334.8	3773672	NonCancer	0.00E+00	2.19E-09	0.00E+00	1.55E-10	1.55E-10	7.31E-08	7.18E-06	0.00E+00	6.75E-09	0.00E+00	1.55E-10	2.50E-07	0.00E+00	0.00E+00	7.18E-06
4716	ALL	462331.2	3773663	NonCancer	0.00E+00	2.19E-09	0.00E+00	1.55E-10	1.55E-10	7.31E-08	7.18E-06	0.00E+00	6.75E-09	0.00E+00	1.55E-10	2.50E-07	0.00E+00	0.00E+00	7.18E-06
4717	ALL	462327.6	3773655	NonCancer	0.00E+00	2.20E-09	0.00E+00	1.55E-10	1.55E-10	7.32E-08	7.20E-06	0.00E+00	6.76E-09	0.00E+00	1.55E-10	2.51E-07	0.00E+00	0.00E+00	7.20E-06
4718	ALL	462323.9	3773646	NonCancer	0.00E+00	2.21E-09	0.00E+00	1.56E-10	1.56E-10	7.37E-08	7.26E-06	0.00E+00	6.80E-09	0.00E+00	1.56E-10	2.52E-07	0.00E+00	0.00E+00	7.26E-06
4719	ALL	462320.3	3773637	NonCancer	0.00E+00	2.23E-09	0.00E+00	1.57E-10	1.57E-10	7.42E-08	7.32E-06	0.00E+00	6.85E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	7.32E-06
4720	ALL	462316.6	3773629	NonCancer	0.00E+00	2.24E-09	0.00E+00	1.58E-10	1.58E-10	7.48E-08	7.39E-06	0.00E+00	6.90E-09	0.00E+00	1.58E-10	2.56E-07	0.00E+00	0.00E+00	7.39E-06
4721	ALL	462313	3773620	NonCancer	0.00E+00	2.24E-09	0.00E+00	1.59E-10	1.59E-10	7.49E-08	7.41E-06	0.00E+00	6.91E-09	0.00E+00	1.59E-10	2.56E-07	0.00E+00	0.00E+00	7.41E-06
4722	ALL	462302.1	3773594	NonCancer	0.00E+00	2.24E-09	0.00E+00	1.58E-10	1.58E-10	7.48E-08	7.42E-06	0.00E+00	6.90E-09	0.00E+00	1.58E-10	2.56E-07	0.00E+00	0.00E+00	7.42E-06
4723	ALL	462298.5	3773586	NonCancer	0.00E+00	2.25E-09	0.00E+00	1.59E-10	1.59E-10	7.52E-08	7.48E-06	0.00E+00	6.94E-09	0.00E+00	1.59E-10	2.57E-07	0.00E+00	0.00E+00	7.48E-06
4724	ALL	462294.8	3773577	NonCancer	0.00E+00	2.27E-09	0.00E+00	1.60E-10	1.60E-10	7.56E-08	7.53E-06	0.00E+00	6.98E-09	0.00E+00	1.60E-10	2.59E-07	0.00E+00	0.00E+00	7.53E-06
4725	ALL	462291.2	3773568	NonCancer	0.00E+00	2.28E-09	0.00E+00	1.61E-10	1.61E-10	7.59E-08	7.58E-06	0.00E+00	7.01E-09	0.00E+00	1.61E-10	2.60E-07	0.00E+00	0.00E+00	7.58E-06
4726	ALL	462287.5	3773560	NonCancer	0.00E+00	2.28E-09	0.00E+00	1.61E-10	1.61E-10	7.59E-08	7.59E-06	0.00E+00	7.01E-09	0.00E+00	1.61E-10	2.60E-07	0.00E+00	0.00E+00	7.59E-06
4727	ALL	462283.9	3773551	NonCancer	0.00E+00	2.27E-09	0.00E+00	1.61E-10	1.61E-10	7.58E-08	7.58E-06	0.00E+00	7.00E-09	0.00E+00	1.61E-10	2.59E-07	0.00E+00	0.00E+00	7.58E-06
4728	ALL	462280.3	3773543	NonCancer	0.00E+00	2.27E-09	0.00E+00	1.60E-10	1.60E-10	7.56E-08	7.58E-06	0.00E+00	6.98E-09	0.00E+00	1.60E-10	2.59E-07	0.00E+00	0.00E+00	7.58E-06
4729	ALL	462276.6	3773534	NonCancer	0.00E+00	2.27E-09	0.00E+00	1.60E-10	1.60E-10	7.56E-08	7.59E-06	0.00E+00	6.98E-09	0.00E+00	1.60E-10	2.59E-07	0.00E+00	0.00E+00	7.59E-06
4730	ALL	462273	3773525	NonCancer	0.00E+00	2.28E-09	0.00E+00	1.61E-10	1.61E-10	7.59E-08	7.63E-06	0.00E+00	7.01E-09	0.00E+00	1.61E-10	2.60E-07	0.00E+00	0.00E+00	7.63E-06
4731	ALL	462269.3	3773517	NonCancer	0.00E+00	2.28E-09	0.00E+00	1.61E-10	1.61E-10	7.62E-08	7.67E-06	0.00E+00	7.03E-09	0.00E+00	1.61E-10	2.61E-07	0.00E+00	0.00E+00	7.67E-06
4732	ALL	462265.7	3773508	NonCancer	0.00E+00	2.29E-09	0.00E+00	1.62E-10	1.62E-10	7.64E-08	7.71E-06	0.00E+00	7.05E-09	0.00E+00	1.62E-10	2.61E-07	0.00E+00	0.00E+00	7.71E-06
4733	ALL	462262.1	3773500	NonCancer	0.00E+00	2.29E-09	0.00E+00	1.62E-10	1.62E-10	7.63E-08	7.71E-06	0.00E+00	7.04E-09	0.00E+00	1.62E-10	2.61E-07	0.00E+00	0.00E+00	7.71E-06
4734	ALL	462258.4	3773491	NonCancer	0.00E+00	2.28E-09	0.00E+00	1.61E-10	1.61E-10	7.61E-08	7.69E-06	0.00E+00	7.03E-09	0.00E+00	1.61E-10	2.60E-07	0.00E+00	0.00E+00	7.69E-06
4735	ALL	462196.6	3773344	NonCancer	0.00E+00	2.21E-09	0.00E+00	1.56E-10	1.56E-10	7.38E-08	7.60E-06	0.00E+00	6.81E-09	0.00E+00	1.56E-10	2.52E-07	0.00E+00	0.00E+00	7.60E-06
4736	ALL	462192.9	3773336	NonCancer	0.00E+00	2.20E-09	0.00E+00	1.56E-10	1.56E-10	7.34E-08	7.57E-06	0.00E+00	6.78E-09	0.00E+00	1.56E-10	2.51E-07	0.00E+00	0.00E+00	7.57E-06
4737	ALL	462189.3	3773327	NonCancer	0.00E+00	2.19E-09	0.00E+00	1.55E-10	1.55E-10	7.31E-08	7.54E-06	0.00E+00	6.75E-09	0.00E+00	1.55E-10	2.50E-07	0.00E+00	0.00E+00	7.54E-06
4738	ALL	462900.2	3774041	NonCancer	0.00E+00	3.39E-09	0.00E+00	2.39E-10	2.39E-10	1.13E-07	9.82E-06	0.00E+00	1.04E-08	0.00E+00	2.39E-10	3.87E-07	0.00E+00	0.00E+00	9.82E-06
4739	ALL	462891.6	3774037	NonCancer	0.00E+00	3.35E-09	0.00E+00	2.37E-10	2.37E-10	1.12E-07	9.73E-06	0.00E+00	1.03E-08	0.00E+00	2.37E-10	3.82E-07	0.00E+00	0.00E+00	9.73E-06
4740	ALL	462882.9	3774034	NonCancer	0.00E+00	3.31E-09	0.00E+00	2.34E-10	2.34E-10	1.10E-07	9.64E-06	0.00E+00	1.02E-08	0.00E+00	2.34E-10	3.78E-07	0.00E+00	0.00E+00	9.64E-06
4741	ALL	462874.3	3774030	NonCancer	0.00E+00	3.27E-09	0.00E+00	2.31E-10	2.31E-10	1.09E-07	9.53E-06	0.00E+00	1.01E-08	0.00E+00	2.31E-10	3.73E-07	0.00E+00	0.00E+00	9.53E-06
4742	ALL	462865.6	3774026	NonCancer	0.00E+00	3.22E-09	0.00E+00	2.28E-10	2.28E-10	1.08E-07	9.43E-06	0.00E+00	9.93E-09	0.00E+00	2.28E-10	3.68E-07	0.00E+00	0.00E+00	9.43E-06
4743	ALL	462857	3774023	NonCancer	0.00E+00	3.19E-09	0.00E+00	2.25E-10	2.25E-10	1.06E-07	9.34E-06	0.00E+00	9.82E-09	0.00E+00	2.25E-10	3.64E-07	0.00E+00	0.00E+00	9.34E-06
4744	ALL	462848.3	3774019	NonCancer	0.00E+00	3.16E-09	0.00E+00	2.23E-10	2.23E-10	1.05E-07	9.28E-06	0.00E+00	9.73E-09	0.00E+00	2.23E-10	3.61E-07	0.00E+00	0.00E+00	9.28E-06
4745	ALL	462839.7	3774016	NonCancer	0.00E+00	3.14E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	9.23E-06	0.00E+00	9.65E-09	0.00E+00	2.22E-10	3.58E-07	0.00E+00	0.00E+00	9.23E-06
4746	ALL	462831.1	3774012	NonCancer	0.00E+00	3.10E-09	0.00E+00	2.19E-10	2.19E-10	1.03E-07	9.15E-06	0.00E+00	9.55E-09	0.00E+00	2.19E-10	3.54E-07	0.00E+00	0.00E+00	9.15E-06
4747	ALL	462822.4	3774009	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.02E-07	9.08E-06	0.00E+00	9.46E-09	0.00E+00	2.17E-10	3.51E-07	0.00E+00	0.00E+00	9.08E-06
4748	ALL	462813.8	3774005	NonCancer	0.00E+00	3.04E-09	0.00E+00	2.15E-10	2.15E-10	1.01E-07	9.00E-06	0.00E+00	9.36E-09	0.00E+00	2.15E-10	3.47E-07	0.00E+00	0.00E+00	9.00E-06
4749	ALL	462805.1	3774002	NonCancer	0.00E+00	3.01E-09	0.00E+00	2.13E-10	2.13E-10	1.00E-07	8.93E-06	0.00E+00	9.27E-09	0.00E+00	2.13E-10	3.44E-07	0.00E+00	0.00E+00	8.93E-06
4750	ALL	462796.5	3773998	NonCancer	0.00E+00	2.98E-09	0.00E+00	2.11E-10	2.11E-10	9.94E-08	8.86E-06	0.00E+00	9.18E-09	0.00E+00	2.11E-10	3.40E-07	0.00E+00	0.00E+00	8.86E-06

4751	ALL	462787.9	3773994	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.09E-10	2.09E-10	9.84E-08	8.80E-06	0.00E+00	9.09E-09	0.00E+00	2.09E-10	3.37E-07	0.00E+00	0.00E+00	8.80E-06
4752	ALL	462779.2	3773991	NonCancer	0.00E+00	2.92E-09	0.00E+00	2.07E-10	2.07E-10	9.75E-08	8.73E-06	0.00E+00	9.00E-09	0.00E+00	2.07E-10	3.34E-07	0.00E+00	0.00E+00	8.73E-06
4753	ALL	462770.6	3773987	NonCancer	0.00E+00	2.90E-09	0.00E+00	2.05E-10	2.05E-10	9.65E-08	8.66E-06	0.00E+00	8.91E-09	0.00E+00	2.05E-10	3.30E-07	0.00E+00	0.00E+00	8.66E-06
4754	ALL	462761.9	3773984	NonCancer	0.00E+00	2.87E-09	0.00E+00	2.03E-10	2.03E-10	9.58E-08	8.62E-06	0.00E+00	8.85E-09	0.00E+00	2.03E-10	3.28E-07	0.00E+00	0.00E+00	8.62E-06
4755	ALL	462753.3	3773980	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.52E-08	8.58E-06	0.00E+00	8.79E-09	0.00E+00	2.02E-10	3.26E-07	0.00E+00	0.00E+00	8.58E-06
4756	ALL	462744.7	3773977	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.01E-10	2.01E-10	9.46E-08	8.54E-06	0.00E+00	8.74E-09	0.00E+00	2.01E-10	3.24E-07	0.00E+00	0.00E+00	8.54E-06
4757	ALL	462736	3773973	NonCancer	0.00E+00	2.82E-09	0.00E+00	1.99E-10	1.99E-10	9.41E-08	8.51E-06	0.00E+00	8.68E-09	0.00E+00	1.99E-10	3.22E-07	0.00E+00	0.00E+00	8.51E-06
4758	ALL	462727.4	3773970	NonCancer	0.00E+00	2.80E-09	0.00E+00	1.98E-10	1.98E-10	9.35E-08	8.48E-06	0.00E+00	8.63E-09	0.00E+00	1.98E-10	3.20E-07	0.00E+00	0.00E+00	8.48E-06
4759	ALL	462718.7	3773966	NonCancer	0.00E+00	2.79E-09	0.00E+00	1.97E-10	1.97E-10	9.29E-08	8.44E-06	0.00E+00	8.58E-09	0.00E+00	1.97E-10	3.18E-07	0.00E+00	0.00E+00	8.44E-06
4760	ALL	462710.1	3773962	NonCancer	0.00E+00	2.77E-09	0.00E+00	1.96E-10	1.96E-10	9.24E-08	8.41E-06	0.00E+00	8.53E-09	0.00E+00	1.96E-10	3.16E-07	0.00E+00	0.00E+00	8.41E-06
4761	ALL	462701.5	3773959	NonCancer	0.00E+00	2.75E-09	0.00E+00	1.95E-10	1.95E-10	9.18E-08	8.37E-06	0.00E+00	8.48E-09	0.00E+00	1.95E-10	3.14E-07	0.00E+00	0.00E+00	8.37E-06
4762	ALL	462692.8	3773955	NonCancer	0.00E+00	2.73E-09	0.00E+00	1.93E-10	1.93E-10	9.12E-08	8.33E-06	0.00E+00	8.42E-09	0.00E+00	1.93E-10	3.12E-07	0.00E+00	0.00E+00	8.33E-06
4763	ALL	462684.2	3773952	NonCancer	0.00E+00	2.71E-09	0.00E+00	1.91E-10	1.91E-10	9.04E-08	8.27E-06	0.00E+00	8.34E-09	0.00E+00	1.91E-10	3.09E-07	0.00E+00	0.00E+00	8.27E-06
4764	ALL	462675.5	3773948	NonCancer	0.00E+00	2.69E-09	0.00E+00	1.90E-10	1.90E-10	8.95E-08	8.21E-06	0.00E+00	8.27E-09	0.00E+00	1.90E-10	3.06E-07	0.00E+00	0.00E+00	8.21E-06
4765	ALL	462666.9	3773945	NonCancer	0.00E+00	2.66E-09	0.00E+00	1.88E-10	1.88E-10	8.87E-08	8.15E-06	0.00E+00	8.19E-09	0.00E+00	1.88E-10	3.04E-07	0.00E+00	0.00E+00	8.15E-06
4766	ALL	462658.2	3773941	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.86E-10	1.86E-10	8.79E-08	8.09E-06	0.00E+00	8.12E-09	0.00E+00	1.86E-10	3.01E-07	0.00E+00	0.00E+00	8.09E-06
4767	ALL	462649.6	3773938	NonCancer	0.00E+00	2.61E-09	0.00E+00	1.85E-10	1.85E-10	8.72E-08	8.03E-06	0.00E+00	8.05E-09	0.00E+00	1.85E-10	2.98E-07	0.00E+00	0.00E+00	8.03E-06
4768	ALL	462641	3773934	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.64E-08	7.97E-06	0.00E+00	7.97E-09	0.00E+00	1.83E-10	2.96E-07	0.00E+00	0.00E+00	7.97E-06
4769	ALL	462632.3	3773930	NonCancer	0.00E+00	2.57E-09	0.00E+00	1.81E-10	1.81E-10	8.56E-08	7.91E-06	0.00E+00	7.90E-09	0.00E+00	1.81E-10	2.93E-07	0.00E+00	0.00E+00	7.91E-06
4770	ALL	462606.4	3773920	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.37E-08	7.78E-06	0.00E+00	7.73E-09	0.00E+00	1.77E-10	2.87E-07	0.00E+00	0.00E+00	7.78E-06
4771	ALL	462597.8	3773916	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.30E-08	7.72E-06	0.00E+00	7.66E-09	0.00E+00	1.76E-10	2.84E-07	0.00E+00	0.00E+00	7.72E-06
4772	ALL	462589.1	3773913	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.74E-10	1.74E-10	8.21E-08	7.65E-06	0.00E+00	7.58E-09	0.00E+00	1.74E-10	2.81E-07	0.00E+00	0.00E+00	7.65E-06
4773	ALL	462580.5	3773909	NonCancer	0.00E+00	2.43E-09	0.00E+00	1.72E-10	1.72E-10	8.11E-08	7.57E-06	0.00E+00	7.49E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	7.57E-06
4774	ALL	462571.8	3773906	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.70E-10	1.70E-10	8.04E-08	7.50E-06	0.00E+00	7.42E-09	0.00E+00	1.70E-10	2.75E-07	0.00E+00	0.00E+00	7.50E-06
4775	ALL	462563.2	3773902	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.97E-08	7.45E-06	0.00E+00	7.35E-09	0.00E+00	1.69E-10	2.73E-07	0.00E+00	0.00E+00	7.45E-06
4776	ALL	462554.6	3773898	NonCancer	0.00E+00	2.37E-09	0.00E+00	1.67E-10	1.67E-10	7.89E-08	7.39E-06	0.00E+00	7.29E-09	0.00E+00	1.67E-10	2.70E-07	0.00E+00	0.00E+00	7.39E-06
4777	ALL	462545.9	3773895	NonCancer	0.00E+00	2.35E-09	0.00E+00	1.66E-10	1.66E-10	7.83E-08	7.34E-06	0.00E+00	7.23E-09	0.00E+00	1.66E-10	2.68E-07	0.00E+00	0.00E+00	7.34E-06
4778	ALL	462537.3	3773891	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.65E-10	1.65E-10	7.79E-08	7.31E-06	0.00E+00	7.19E-09	0.00E+00	1.65E-10	2.67E-07	0.00E+00	0.00E+00	7.31E-06
4779	ALL	462528.6	3773888	NonCancer	0.00E+00	2.32E-09	0.00E+00	1.64E-10	1.64E-10	7.74E-08	7.27E-06	0.00E+00	7.14E-09	0.00E+00	1.64E-10	2.65E-07	0.00E+00	0.00E+00	7.27E-06
4780	ALL	462520	3773884	NonCancer	0.00E+00	2.31E-09	0.00E+00	1.63E-10	1.63E-10	7.69E-08	7.24E-06	0.00E+00	7.10E-09	0.00E+00	1.63E-10	2.63E-07	0.00E+00	0.00E+00	7.24E-06
4781	ALL	462511.4	3773881	NonCancer	0.00E+00	2.29E-09	0.00E+00	1.62E-10	1.62E-10	7.64E-08	7.20E-06	0.00E+00	7.06E-09	0.00E+00	1.62E-10	2.62E-07	0.00E+00	0.00E+00	7.20E-06
4782	ALL	462502.7	3773877	NonCancer	0.00E+00	2.28E-09	0.00E+00	1.61E-10	1.61E-10	7.60E-08	7.17E-06	0.00E+00	7.01E-09	0.00E+00	1.61E-10	2.60E-07	0.00E+00	0.00E+00	7.17E-06
4783	ALL	462494.1	3773874	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.60E-10	1.60E-10	7.55E-08	7.14E-06	0.00E+00	6.97E-09	0.00E+00	1.60E-10	2.58E-07	0.00E+00	0.00E+00	7.14E-06
4784	ALL	462485.4	3773870	NonCancer	0.00E+00	2.25E-09	0.00E+00	1.59E-10	1.59E-10	7.50E-08	7.10E-06	0.00E+00	6.93E-09	0.00E+00	1.59E-10	2.57E-07	0.00E+00	0.00E+00	7.10E-06
4785	ALL	462476.8	3773866	NonCancer	0.00E+00	2.24E-09	0.00E+00	1.58E-10	1.58E-10	7.46E-08	7.07E-06	0.00E+00	6.88E-09	0.00E+00	1.58E-10	2.55E-07	0.00E+00	0.00E+00	7.07E-06
4786	ALL	462468.2	3773863	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.39E-08	7.01E-06	0.00E+00	6.82E-09	0.00E+00	1.57E-10	2.53E-07	0.00E+00	0.00E+00	7.01E-06
4787	ALL	462459.5	3773859	NonCancer	0.00E+00	2.20E-09	0.00E+00	1.55E-10	1.55E-10	7.32E-08	6.95E-06	0.00E+00	6.76E-09	0.00E+00	1.55E-10	2.51E-07	0.00E+00	0.00E+00	6.95E-06
4788	ALL	462450.9	3773856	NonCancer	0.00E+00	2.18E-09	0.00E+00	1.54E-10	1.54E-10	7.26E-08	6.90E-06	0.00E+00	6.70E-09	0.00E+00	1.54E-10	2.48E-07	0.00E+00	0.00E+00	6.90E-06
4789	ALL	462442.2	3773852	NonCancer	0.00E+00	2.16E-09	0.00E+00	1.52E-10	1.52E-10	7.19E-08	6.84E-06	0.00E+00	6.64E-09	0.00E+00	1.52E-10	2.46E-07	0.00E+00	0.00E+00	6.84E-06
4790	ALL	462433.6	3773849	NonCancer	0.00E+00	2.14E-09	0.00E+00	1.51E-10	1.51E-10	7.13E-08	6.79E-06	0.00E+00	6.58E-09	0.00E+00	1.51E-10	2.44E-07	0.00E+00	0.00E+00	6.79E-06
4791	ALL	462424.9	3773845	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.05E-08	6.72E-06	0.00E+00	6.51E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	6.72E-06
4792	ALL	462416.3	3773842	NonCancer	0.00E+00	2.09E-09	0.00E+00	1.48E-10	1.48E-10	6.98E-08	6.66E-06	0.00E+00	6.45E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	6.66E-06
4793	ALL	462407.7	3773838	NonCancer	0.00E+00	2.08E-09	0.00E+00	1.47E-10	1.47E-10	6.93E-08	6.61E-06	0.00E+00	6.40E-09	0.00E+00	1.47E-10	2.37E-07	0.00E+00	0.00E+00	6.61E-06
4794	ALL	462399	3773834	NonCancer	0.00E+00	2.06E-09	0.00E+00	1.46E-10	1.46E-10	6.87E-08	6.56E-06	0.00E+00	6.34E-09	0.00E+00	1.46E-10	2.35E-07	0.00E+00	0.00E+00	6.56E-06
4795	ALL	462390.4	3773831	NonCancer	0.00E+00	2.04E-09	0.00E+00	1.44E-10	1.44E-10	6.81E-08	6.51E-06	0.00E+00	6.29E-09	0.00E+00	1.44E-10	2.33E-07	0.00E+00	0.00E+00	6.51E-06
4796	ALL	462381.7	3773827	NonCancer	0.00E+00	2.02E-09	0.00E+00	1.43E-10	1.43E-10	6.75E-08	6.46E-06	0.00E+00	6.23E-09	0.00E+00	1.43E-10	2.31E-07	0.00E+00	0.00E+00	6.46E-06
4797	ALL	462373.1	3773824	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.42E-10	1.42E-10	6.68E-08	6.40E-06	0.00E+00	6.17E-09	0.00E+00	1.42E-10	2.29E-07	0.00E+00	0.00E+00	6.40E-06
4798	ALL	462364.5	3773820	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.40E-10	1.40E-10	6.62E-08	6.35E-06	0.00E+00	6.11E-09	0.00E+00	1.40E-10	2.27E-07	0.00E+00	0.00E+00	6.35E-06
4799	ALL	462355.2	3773815	NonCancer	0.00E+00	1.97E-09	0.00E+00	1.39E-10	1.39E-10	6.56E-08	6.30E-06	0.00E+00	6.06E-09	0.00E+00	1.39E-10	2.25E-07	0.00E+00	0.00E+00	6.30E-06
4800	ALL	462351.6	3773807	NonCancer	0.00E+00	1.97E-09	0.00E+00	1.39E-10	1.39E-10	6.57E-08	6.31E-06	0.00E+00	6.06E-09	0.00E+00	1.39E-10	2.25E-07	0.00E+00	0.00E+00	6.31E-06
4801	ALL	462347.9	3773798	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.62E-08	6.36E-06	0.00E+00	6.11E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.36E-06
4802	ALL	462344.3	3773789	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.41E-10	1.41E-10	6.66E-08	6.42E-06	0.00E+00	6.15E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.42E-06
4803	ALL	462340.7	3773781	NonCancer	0.00E+00	2.01E-09	0.00E+00	1.42E-10	1.42E-10	6.71E-08	6.47E-06	0.00E+00	6.19E-09	0.00E+00	1.42E-10	2.30E-07	0.00E+00	0.00E+00	6.47E-06
4804	ALL	462337	3773772	NonCancer	0.00E+00	2.02E-09	0.00E+00	1.42E-10	1.42E-10	6.72E-08	6.50E-06	0.00E+00	6.21E-09	0.00E+00	1.42E-10	2.30E-07	0.00E+00	0.00E+00	6.50E-06

4805	ALL	462329.8	3773755	NonCancer	0.00E+00	2.02E-09	0.00E+00	1.43E-10	1.43E-10	6.73E-08	6.52E-06	0.00E+00	6.21E-09	0.00E+00	1.43E-10	2.30E-07	0.00E+00	0.00E+00	6.52E-06
4806	ALL	462326.1	3773746	NonCancer	0.00E+00	2.02E-09	0.00E+00	1.43E-10	1.43E-10	6.74E-08	6.54E-06	0.00E+00	6.22E-09	0.00E+00	1.43E-10	2.31E-07	0.00E+00	0.00E+00	6.54E-06
4807	ALL	462322.5	3773738	NonCancer	0.00E+00	2.02E-09	0.00E+00	1.43E-10	1.43E-10	6.74E-08	6.55E-06	0.00E+00	6.23E-09	0.00E+00	1.43E-10	2.31E-07	0.00E+00	0.00E+00	6.55E-06
4808	ALL	462318.9	3773729	NonCancer	0.00E+00	2.02E-09	0.00E+00	1.43E-10	1.43E-10	6.74E-08	6.56E-06	0.00E+00	6.23E-09	0.00E+00	1.43E-10	2.31E-07	0.00E+00	0.00E+00	6.56E-06
4809	ALL	462315.2	3773721	NonCancer	0.00E+00	2.02E-09	0.00E+00	1.43E-10	1.43E-10	6.75E-08	6.56E-06	0.00E+00	6.23E-09	0.00E+00	1.43E-10	2.31E-07	0.00E+00	0.00E+00	6.56E-06
4810	ALL	462311.6	3773712	NonCancer	0.00E+00	2.03E-09	0.00E+00	1.43E-10	1.43E-10	6.77E-08	6.60E-06	0.00E+00	6.25E-09	0.00E+00	1.43E-10	2.32E-07	0.00E+00	0.00E+00	6.60E-06
4811	ALL	462308	3773703	NonCancer	0.00E+00	2.04E-09	0.00E+00	1.44E-10	1.44E-10	6.81E-08	6.65E-06	0.00E+00	6.29E-09	0.00E+00	1.44E-10	2.33E-07	0.00E+00	0.00E+00	6.65E-06
4812	ALL	462304.3	3773695	NonCancer	0.00E+00	2.06E-09	0.00E+00	1.45E-10	1.45E-10	6.86E-08	6.70E-06	0.00E+00	6.33E-09	0.00E+00	1.45E-10	2.35E-07	0.00E+00	0.00E+00	6.70E-06
4813	ALL	462300.7	3773686	NonCancer	0.00E+00	2.07E-09	0.00E+00	1.46E-10	1.46E-10	6.90E-08	6.75E-06	0.00E+00	6.37E-09	0.00E+00	1.46E-10	2.36E-07	0.00E+00	0.00E+00	6.75E-06
4814	ALL	462297.1	3773677	NonCancer	0.00E+00	2.07E-09	0.00E+00	1.46E-10	1.46E-10	6.90E-08	6.76E-06	0.00E+00	6.37E-09	0.00E+00	1.46E-10	2.36E-07	0.00E+00	0.00E+00	6.76E-06
4815	ALL	462293.4	3773669	NonCancer	0.00E+00	2.07E-09	0.00E+00	1.46E-10	1.46E-10	6.90E-08	6.76E-06	0.00E+00	6.37E-09	0.00E+00	1.46E-10	2.36E-07	0.00E+00	0.00E+00	6.76E-06
4816	ALL	462289.8	3773660	NonCancer	0.00E+00	2.07E-09	0.00E+00	1.46E-10	1.46E-10	6.89E-08	6.77E-06	0.00E+00	6.36E-09	0.00E+00	1.46E-10	2.36E-07	0.00E+00	0.00E+00	6.77E-06
4817	ALL	462286.2	3773652	NonCancer	0.00E+00	2.07E-09	0.00E+00	1.47E-10	1.47E-10	6.91E-08	6.80E-06	0.00E+00	6.38E-09	0.00E+00	1.47E-10	2.37E-07	0.00E+00	0.00E+00	6.80E-06
4818	ALL	462282.5	3773643	NonCancer	0.00E+00	2.09E-09	0.00E+00	1.47E-10	1.47E-10	6.96E-08	6.85E-06	0.00E+00	6.42E-09	0.00E+00	1.47E-10	2.38E-07	0.00E+00	0.00E+00	6.85E-06
4819	ALL	462278.9	3773634	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.48E-10	1.48E-10	7.01E-08	6.91E-06	0.00E+00	6.47E-09	0.00E+00	1.48E-10	2.40E-07	0.00E+00	0.00E+00	6.91E-06
4820	ALL	462275.2	3773626	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.05E-08	6.96E-06	0.00E+00	6.51E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	6.96E-06
4821	ALL	462271.6	3773617	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.05E-08	6.96E-06	0.00E+00	6.50E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	6.96E-06
4822	ALL	462264.3	3773600	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.03E-08	6.96E-06	0.00E+00	6.49E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	6.96E-06
4823	ALL	462260.7	3773591	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.05E-08	6.99E-06	0.00E+00	6.51E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	6.99E-06
4824	ALL	462257.1	3773583	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.08E-08	7.04E-06	0.00E+00	6.54E-09	0.00E+00	1.50E-10	2.42E-07	0.00E+00	0.00E+00	7.04E-06
4825	ALL	462253.4	3773574	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.51E-10	1.51E-10	7.12E-08	7.09E-06	0.00E+00	6.57E-09	0.00E+00	1.51E-10	2.44E-07	0.00E+00	0.00E+00	7.09E-06
4826	ALL	462249.8	3773566	NonCancer	0.00E+00	2.14E-09	0.00E+00	1.51E-10	1.51E-10	7.14E-08	7.13E-06	0.00E+00	6.60E-09	0.00E+00	1.51E-10	2.45E-07	0.00E+00	0.00E+00	7.13E-06
4827	ALL	462246.2	3773557	NonCancer	0.00E+00	2.14E-09	0.00E+00	1.51E-10	1.51E-10	7.12E-08	7.11E-06	0.00E+00	6.57E-09	0.00E+00	1.51E-10	2.44E-07	0.00E+00	0.00E+00	7.11E-06
4828	ALL	462242.5	3773548	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.51E-10	1.51E-10	7.10E-08	7.10E-06	0.00E+00	6.56E-09	0.00E+00	1.51E-10	2.43E-07	0.00E+00	0.00E+00	7.10E-06
4829	ALL	462238.9	3773540	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.50E-10	1.50E-10	7.10E-08	7.10E-06	0.00E+00	6.55E-09	0.00E+00	1.50E-10	2.43E-07	0.00E+00	0.00E+00	7.10E-06
4830	ALL	462235.3	3773531	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.51E-10	1.51E-10	7.10E-08	7.11E-06	0.00E+00	6.56E-09	0.00E+00	1.51E-10	2.43E-07	0.00E+00	0.00E+00	7.11E-06
4831	ALL	462231.6	3773523	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.50E-10	1.50E-10	7.10E-08	7.12E-06	0.00E+00	6.55E-09	0.00E+00	1.50E-10	2.43E-07	0.00E+00	0.00E+00	7.12E-06
4832	ALL	462228	3773514	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.50E-10	1.50E-10	7.09E-08	7.11E-06	0.00E+00	6.54E-09	0.00E+00	1.50E-10	2.43E-07	0.00E+00	0.00E+00	7.11E-06
4833	ALL	462198.9	3773445	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.04E-08	7.13E-06	0.00E+00	6.50E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	7.13E-06
4834	ALL	462195.3	3773436	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.49E-10	1.49E-10	7.06E-08	7.15E-06	0.00E+00	6.51E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	7.15E-06
4835	ALL	462191.6	3773428	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.07E-08	7.18E-06	0.00E+00	6.53E-09	0.00E+00	1.50E-10	2.42E-07	0.00E+00	0.00E+00	7.18E-06
4836	ALL	462188	3773419	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.08E-08	7.20E-06	0.00E+00	6.54E-09	0.00E+00	1.50E-10	2.42E-07	0.00E+00	0.00E+00	7.20E-06
4837	ALL	462184.4	3773411	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.07E-08	7.19E-06	0.00E+00	6.53E-09	0.00E+00	1.50E-10	2.42E-07	0.00E+00	0.00E+00	7.19E-06
4838	ALL	462180.7	3773402	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.04E-08	7.17E-06	0.00E+00	6.50E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	7.17E-06
4839	ALL	462177.1	3773393	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.49E-10	1.49E-10	7.02E-08	7.15E-06	0.00E+00	6.48E-09	0.00E+00	1.49E-10	2.40E-07	0.00E+00	0.00E+00	7.15E-06
4840	ALL	462173.5	3773385	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.48E-10	1.48E-10	6.99E-08	7.13E-06	0.00E+00	6.46E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	7.13E-06
4841	ALL	462169.8	3773376	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.48E-10	1.48E-10	6.99E-08	7.14E-06	0.00E+00	6.45E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	7.14E-06
4842	ALL	462166.2	3773368	NonCancer	0.00E+00	2.09E-09	0.00E+00	1.48E-10	1.48E-10	6.98E-08	7.14E-06	0.00E+00	6.45E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	7.14E-06
4843	ALL	462162.6	3773359	NonCancer	0.00E+00	2.09E-09	0.00E+00	1.48E-10	1.48E-10	6.97E-08	7.15E-06	0.00E+00	6.44E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	7.15E-06
4844	ALL	462158.9	3773350	NonCancer	0.00E+00	2.08E-09	0.00E+00	1.47E-10	1.47E-10	6.95E-08	7.13E-06	0.00E+00	6.41E-09	0.00E+00	1.47E-10	2.38E-07	0.00E+00	0.00E+00	7.13E-06
4845	ALL	462155.3	3773342	NonCancer	0.00E+00	2.07E-09	0.00E+00	1.47E-10	1.47E-10	6.91E-08	7.10E-06	0.00E+00	6.38E-09	0.00E+00	1.47E-10	2.37E-07	0.00E+00	0.00E+00	7.10E-06
4846	ALL	462151.7	3773333	NonCancer	0.00E+00	2.06E-09	0.00E+00	1.46E-10	1.46E-10	6.88E-08	7.07E-06	0.00E+00	6.36E-09	0.00E+00	1.46E-10	2.36E-07	0.00E+00	0.00E+00	7.07E-06
4847	ALL	462148	3773325	NonCancer	0.00E+00	2.06E-09	0.00E+00	1.45E-10	1.45E-10	6.86E-08	7.05E-06	0.00E+00	6.33E-09	0.00E+00	1.45E-10	2.35E-07	0.00E+00	0.00E+00	7.05E-06
4848	ALL	462805	3774042	NonCancer	0.00E+00	2.83E-09	0.00E+00	2.00E-10	2.00E-10	9.42E-08	8.34E-06	0.00E+00	8.70E-09	0.00E+00	2.00E-10	3.23E-07	0.00E+00	0.00E+00	8.34E-06
4849	ALL	462796.3	3774038	NonCancer	0.00E+00	2.81E-09	0.00E+00	1.98E-10	1.98E-10	9.36E-08	8.30E-06	0.00E+00	8.64E-09	0.00E+00	1.98E-10	3.20E-07	0.00E+00	0.00E+00	8.30E-06
4850	ALL	462787.7	3774034	NonCancer	0.00E+00	2.79E-09	0.00E+00	1.97E-10	1.97E-10	9.30E-08	8.26E-06	0.00E+00	8.58E-09	0.00E+00	1.97E-10	3.18E-07	0.00E+00	0.00E+00	8.26E-06
4851	ALL	462779	3774031	NonCancer	0.00E+00	2.77E-09	0.00E+00	1.96E-10	1.96E-10	9.24E-08	8.23E-06	0.00E+00	8.53E-09	0.00E+00	1.96E-10	3.16E-07	0.00E+00	0.00E+00	8.23E-06
4852	ALL	462770.4	3774027	NonCancer	0.00E+00	2.75E-09	0.00E+00	1.94E-10	1.94E-10	9.18E-08	8.19E-06	0.00E+00	8.47E-09	0.00E+00	1.94E-10	3.14E-07	0.00E+00	0.00E+00	8.19E-06
4853	ALL	462761.7	3774024	NonCancer	0.00E+00	2.73E-09	0.00E+00	1.93E-10	1.93E-10	9.12E-08	8.15E-06	0.00E+00	8.42E-09	0.00E+00	1.93E-10	3.12E-07	0.00E+00	0.00E+00	8.15E-06
4854	ALL	462753.1	3774020	NonCancer	0.00E+00	2.72E-09	0.00E+00	1.92E-10	1.92E-10	9.06E-08	8.12E-06	0.00E+00	8.37E-09	0.00E+00	1.92E-10	3.10E-07	0.00E+00	0.00E+00	8.12E-06
4855	ALL	462744.4	3774017	NonCancer	0.00E+00	2.70E-09	0.00E+00	1.91E-10	1.91E-10	9.01E-08	8.09E-06	0.00E+00	8.32E-09	0.00E+00	1.91E-10	3.08E-07	0.00E+00	0.00E+00	8.09E-06
4856	ALL	462735.8	3774013	NonCancer	0.00E+00	2.68E-09	0.00E+00	1.89E-10	1.89E-10	8.93E-08	8.03E-06	0.00E+00	8.24E-09	0.00E+00	1.89E-10	3.06E-07	0.00E+00	0.00E+00	8.03E-06
4857	ALL	462727.1	3774009	NonCancer	0.00E+00	2.65E-09	0.00E+00	1.87E-10	1.87E-10	8.85E-08	7.97E-06	0.00E+00	8.17E-09	0.00E+00	1.87E-10	3.03E-07	0.00E+00	0.00E+00	7.97E-06
4858	ALL	462718.5	3774006	NonCancer	0.00E+00	2.63E-09	0.00E+00	1.86E-10	1.86E-10	8.77E-08	7.91E-06	0.00E+00	8.09E-09	0.00E+00	1.86E-10	3.00E-07	0.00E+00	0.00E+00	7.91E-06

4859	ALL	462709.8	3774002	NonCancer	0.00E+00	2.61E-09	0.00E+00	1.84E-10	1.84E-10	8.69E-08	7.86E-06	0.00E+00	8.02E-09	0.00E+00	1.84E-10	2.97E-07	0.00E+00	0.00E+00	7.86E-06
4860	ALL	462701.2	3773999	NonCancer	0.00E+00	2.58E-09	0.00E+00	1.82E-10	1.82E-10	8.61E-08	7.80E-06	0.00E+00	7.95E-09	0.00E+00	1.82E-10	2.95E-07	0.00E+00	0.00E+00	7.80E-06
4861	ALL	462692.5	3773995	NonCancer	0.00E+00	2.56E-09	0.00E+00	1.81E-10	1.81E-10	8.53E-08	7.74E-06	0.00E+00	7.88E-09	0.00E+00	1.81E-10	2.92E-07	0.00E+00	0.00E+00	7.74E-06
4862	ALL	462683.9	3773992	NonCancer	0.00E+00	2.54E-09	0.00E+00	1.79E-10	1.79E-10	8.46E-08	7.69E-06	0.00E+00	7.81E-09	0.00E+00	1.79E-10	2.89E-07	0.00E+00	0.00E+00	7.69E-06
4863	ALL	462675.2	3773988	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.78E-10	1.78E-10	8.38E-08	7.63E-06	0.00E+00	7.74E-09	0.00E+00	1.78E-10	2.87E-07	0.00E+00	0.00E+00	7.63E-06
4864	ALL	462666.6	3773985	NonCancer	0.00E+00	2.50E-09	0.00E+00	1.76E-10	1.76E-10	8.32E-08	7.59E-06	0.00E+00	7.68E-09	0.00E+00	1.76E-10	2.85E-07	0.00E+00	0.00E+00	7.59E-06
4865	ALL	462657.9	3773981	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.28E-08	7.56E-06	0.00E+00	7.64E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	7.56E-06
4866	ALL	462649.2	3773977	NonCancer	0.00E+00	2.47E-09	0.00E+00	1.74E-10	1.74E-10	8.23E-08	7.53E-06	0.00E+00	7.60E-09	0.00E+00	1.74E-10	2.82E-07	0.00E+00	0.00E+00	7.53E-06
4867	ALL	462640.6	3773974	NonCancer	0.00E+00	2.45E-09	0.00E+00	1.73E-10	1.73E-10	8.18E-08	7.50E-06	0.00E+00	7.56E-09	0.00E+00	1.73E-10	2.80E-07	0.00E+00	0.00E+00	7.50E-06
4868	ALL	462631.9	3773970	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.72E-10	1.72E-10	8.14E-08	7.47E-06	0.00E+00	7.51E-09	0.00E+00	1.72E-10	2.79E-07	0.00E+00	0.00E+00	7.47E-06
4869	ALL	462606	3773960	NonCancer	0.00E+00	2.40E-09	0.00E+00	1.70E-10	1.70E-10	8.01E-08	7.39E-06	0.00E+00	7.39E-09	0.00E+00	1.70E-10	2.74E-07	0.00E+00	0.00E+00	7.39E-06
4870	ALL	462597.3	3773956	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.96E-08	7.36E-06	0.00E+00	7.35E-09	0.00E+00	1.69E-10	2.72E-07	0.00E+00	0.00E+00	7.36E-06
4871	ALL	462588.7	3773952	NonCancer	0.00E+00	2.37E-09	0.00E+00	1.67E-10	1.67E-10	7.89E-08	7.30E-06	0.00E+00	7.28E-09	0.00E+00	1.67E-10	2.70E-07	0.00E+00	0.00E+00	7.30E-06
4872	ALL	462580	3773949	NonCancer	0.00E+00	2.35E-09	0.00E+00	1.66E-10	1.66E-10	7.82E-08	7.25E-06	0.00E+00	7.22E-09	0.00E+00	1.66E-10	2.68E-07	0.00E+00	0.00E+00	7.25E-06
4873	ALL	462571.4	3773945	NonCancer	0.00E+00	2.33E-09	0.00E+00	1.64E-10	1.64E-10	7.75E-08	7.20E-06	0.00E+00	7.16E-09	0.00E+00	1.64E-10	2.65E-07	0.00E+00	0.00E+00	7.20E-06
4874	ALL	462562.7	3773942	NonCancer	0.00E+00	2.31E-09	0.00E+00	1.63E-10	1.63E-10	7.69E-08	7.14E-06	0.00E+00	7.10E-09	0.00E+00	1.63E-10	2.63E-07	0.00E+00	0.00E+00	7.14E-06
4875	ALL	462554.1	3773938	NonCancer	0.00E+00	2.29E-09	0.00E+00	1.61E-10	1.61E-10	7.62E-08	7.09E-06	0.00E+00	7.03E-09	0.00E+00	1.61E-10	2.61E-07	0.00E+00	0.00E+00	7.09E-06
4876	ALL	462545.4	3773935	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.60E-10	1.60E-10	7.55E-08	7.03E-06	0.00E+00	6.97E-09	0.00E+00	1.60E-10	2.58E-07	0.00E+00	0.00E+00	7.03E-06
4877	ALL	462536.8	3773931	NonCancer	0.00E+00	2.24E-09	0.00E+00	1.58E-10	1.58E-10	7.48E-08	6.97E-06	0.00E+00	6.90E-09	0.00E+00	1.58E-10	2.56E-07	0.00E+00	0.00E+00	6.97E-06
4878	ALL	462528.1	3773928	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.42E-08	6.93E-06	0.00E+00	6.85E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	6.93E-06
4879	ALL	462519.5	3773924	NonCancer	0.00E+00	2.21E-09	0.00E+00	1.56E-10	1.56E-10	7.36E-08	6.88E-06	0.00E+00	6.79E-09	0.00E+00	1.56E-10	2.52E-07	0.00E+00	0.00E+00	6.88E-06
4880	ALL	462510.8	3773920	NonCancer	0.00E+00	2.19E-09	0.00E+00	1.55E-10	1.55E-10	7.30E-08	6.83E-06	0.00E+00	6.74E-09	0.00E+00	1.55E-10	2.50E-07	0.00E+00	0.00E+00	6.83E-06
4881	ALL	462502.2	3773917	NonCancer	0.00E+00	2.17E-09	0.00E+00	1.53E-10	1.53E-10	7.23E-08	6.78E-06	0.00E+00	6.68E-09	0.00E+00	1.53E-10	2.48E-07	0.00E+00	0.00E+00	6.78E-06
4882	ALL	462493.5	3773913	NonCancer	0.00E+00	2.15E-09	0.00E+00	1.52E-10	1.52E-10	7.17E-08	6.73E-06	0.00E+00	6.62E-09	0.00E+00	1.52E-10	2.45E-07	0.00E+00	0.00E+00	6.73E-06
4883	ALL	462484.9	3773910	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.51E-10	1.51E-10	7.11E-08	6.68E-06	0.00E+00	6.56E-09	0.00E+00	1.51E-10	2.43E-07	0.00E+00	0.00E+00	6.68E-06
4884	ALL	462476.2	3773906	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.05E-08	6.62E-06	0.00E+00	6.50E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	6.62E-06
4885	ALL	462467.5	3773903	NonCancer	0.00E+00	2.09E-09	0.00E+00	1.48E-10	1.48E-10	6.98E-08	6.57E-06	0.00E+00	6.45E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	6.57E-06
4886	ALL	462458.9	3773899	NonCancer	0.00E+00	2.08E-09	0.00E+00	1.47E-10	1.47E-10	6.92E-08	6.52E-06	0.00E+00	6.39E-09	0.00E+00	1.47E-10	2.37E-07	0.00E+00	0.00E+00	6.52E-06
4887	ALL	462450.2	3773896	NonCancer	0.00E+00	2.06E-09	0.00E+00	1.46E-10	1.46E-10	6.87E-08	6.48E-06	0.00E+00	6.34E-09	0.00E+00	1.46E-10	2.35E-07	0.00E+00	0.00E+00	6.48E-06
4888	ALL	462441.6	3773892	NonCancer	0.00E+00	2.05E-09	0.00E+00	1.45E-10	1.45E-10	6.83E-08	6.45E-06	0.00E+00	6.30E-09	0.00E+00	1.45E-10	2.34E-07	0.00E+00	0.00E+00	6.45E-06
4889	ALL	462432.9	3773888	NonCancer	0.00E+00	2.04E-09	0.00E+00	1.44E-10	1.44E-10	6.79E-08	6.42E-06	0.00E+00	6.27E-09	0.00E+00	1.44E-10	2.32E-07	0.00E+00	0.00E+00	6.42E-06
4890	ALL	462424.3	3773885	NonCancer	0.00E+00	2.02E-09	0.00E+00	1.43E-10	1.43E-10	6.74E-08	6.38E-06	0.00E+00	6.22E-09	0.00E+00	1.43E-10	2.31E-07	0.00E+00	0.00E+00	6.38E-06
4891	ALL	462415.6	3773881	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.41E-10	1.41E-10	6.67E-08	6.32E-06	0.00E+00	6.16E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.32E-06
4892	ALL	462407	3773878	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.59E-08	6.25E-06	0.00E+00	6.09E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.25E-06
4893	ALL	462398.3	3773874	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.51E-08	6.18E-06	0.00E+00	6.01E-09	0.00E+00	1.38E-10	2.23E-07	0.00E+00	0.00E+00	6.18E-06
4894	ALL	462389.7	3773871	NonCancer	0.00E+00	1.94E-09	0.00E+00	1.37E-10	1.37E-10	6.46E-08	6.13E-06	0.00E+00	5.96E-09	0.00E+00	1.37E-10	2.21E-07	0.00E+00	0.00E+00	6.13E-06
4895	ALL	462381	3773867	NonCancer	0.00E+00	1.92E-09	0.00E+00	1.36E-10	1.36E-10	6.40E-08	6.08E-06	0.00E+00	5.91E-09	0.00E+00	1.36E-10	2.19E-07	0.00E+00	0.00E+00	6.08E-06
4896	ALL	462372.4	3773863	NonCancer	0.00E+00	1.91E-09	0.00E+00	1.35E-10	1.35E-10	6.36E-08	6.05E-06	0.00E+00	5.87E-09	0.00E+00	1.35E-10	2.18E-07	0.00E+00	0.00E+00	6.05E-06
4897	ALL	462363.7	3773860	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.34E-10	1.34E-10	6.32E-08	6.01E-06	0.00E+00	5.83E-09	0.00E+00	1.34E-10	2.16E-07	0.00E+00	0.00E+00	6.01E-06
4898	ALL	462355.1	3773856	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.28E-08	5.98E-06	0.00E+00	5.80E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	5.98E-06
4899	ALL	462346.4	3773853	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.24E-08	5.95E-06	0.00E+00	5.76E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	5.95E-06
4900	ALL	462337.8	3773849	NonCancer	0.00E+00	1.86E-09	0.00E+00	1.32E-10	1.32E-10	6.21E-08	5.92E-06	0.00E+00	5.73E-09	0.00E+00	1.32E-10	2.12E-07	0.00E+00	0.00E+00	5.92E-06
4901	ALL	462329.1	3773846	NonCancer	0.00E+00	1.85E-09	0.00E+00	1.31E-10	1.31E-10	6.17E-08	5.89E-06	0.00E+00	5.70E-09	0.00E+00	1.31E-10	2.11E-07	0.00E+00	0.00E+00	5.89E-06
4902	ALL	462324	3773836	NonCancer	0.00E+00	1.86E-09	0.00E+00	1.32E-10	1.32E-10	6.21E-08	5.94E-06	0.00E+00	5.73E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	5.94E-06
4903	ALL	462320.4	3773828	NonCancer	0.00E+00	1.86E-09	0.00E+00	1.32E-10	1.32E-10	6.22E-08	5.96E-06	0.00E+00	5.74E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	5.96E-06
4904	ALL	462316.7	3773819	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.22E-08	5.97E-06	0.00E+00	5.74E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	5.97E-06
4905	ALL	462313.1	3773811	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.22E-08	5.98E-06	0.00E+00	5.75E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	5.98E-06
4906	ALL	462309.5	3773802	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.23E-08	5.99E-06	0.00E+00	5.75E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	5.99E-06
4907	ALL	462305.8	3773793	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.23E-08	6.00E-06	0.00E+00	5.75E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	6.00E-06
4908	ALL	462302.2	3773785	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.23E-08	6.01E-06	0.00E+00	5.75E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	6.01E-06
4909	ALL	462298.5	3773776	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.24E-08	6.02E-06	0.00E+00	5.76E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	6.02E-06
4910	ALL	462287.6	3773750	NonCancer	0.00E+00	1.91E-09	0.00E+00	1.35E-10	1.35E-10	6.36E-08	6.16E-06	0.00E+00	5.87E-09	0.00E+00	1.35E-10	2.18E-07	0.00E+00	0.00E+00	6.16E-06
4911	ALL	462284	3773742	NonCancer	0.00E+00	1.91E-09	0.00E+00	1.35E-10	1.35E-10	6.38E-08	6.19E-06	0.00E+00	5.89E-09	0.00E+00	1.35E-10	2.18E-07	0.00E+00	0.00E+00	6.19E-06
4912	ALL	462280.3	3773733	NonCancer	0.00E+00	1.91E-09	0.00E+00	1.35E-10	1.35E-10	6.38E-08	6.20E-06	0.00E+00	5.89E-09	0.00E+00	1.35E-10	2.18E-07	0.00E+00	0.00E+00	6.20E-06

4913	ALL	462276.7	3773724	NonCancer	0.00E+00	1.91E-09	0.00E+00	1.35E-10	1.35E-10	6.38E-08	6.20E-06	0.00E+00	5.89E-09	0.00E+00	1.35E-10	2.18E-07	0.00E+00	0.00E+00	6.20E-06
4914	ALL	462273.1	3773716	NonCancer	0.00E+00	1.91E-09	0.00E+00	1.35E-10	1.35E-10	6.38E-08	6.21E-06	0.00E+00	5.89E-09	0.00E+00	1.35E-10	2.18E-07	0.00E+00	0.00E+00	6.21E-06
4915	ALL	462269.4	3773707	NonCancer	0.00E+00	1.93E-09	0.00E+00	1.36E-10	1.36E-10	6.42E-08	6.26E-06	0.00E+00	5.93E-09	0.00E+00	1.36E-10	2.20E-07	0.00E+00	0.00E+00	6.26E-06
4916	ALL	462265.8	3773699	NonCancer	0.00E+00	1.94E-09	0.00E+00	1.37E-10	1.37E-10	6.46E-08	6.31E-06	0.00E+00	5.96E-09	0.00E+00	1.37E-10	2.21E-07	0.00E+00	0.00E+00	6.31E-06
4917	ALL	462262.2	3773690	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.50E-08	6.36E-06	0.00E+00	6.00E-09	0.00E+00	1.38E-10	2.23E-07	0.00E+00	0.00E+00	6.36E-06
4918	ALL	462258.5	3773681	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.52E-08	6.38E-06	0.00E+00	6.02E-09	0.00E+00	1.38E-10	2.23E-07	0.00E+00	0.00E+00	6.38E-06
4919	ALL	462254.9	3773673	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.51E-08	6.38E-06	0.00E+00	6.01E-09	0.00E+00	1.38E-10	2.23E-07	0.00E+00	0.00E+00	6.38E-06
4920	ALL	462251.2	3773664	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.51E-08	6.38E-06	0.00E+00	6.01E-09	0.00E+00	1.38E-10	2.23E-07	0.00E+00	0.00E+00	6.38E-06
4921	ALL	462247.6	3773655	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.51E-08	6.39E-06	0.00E+00	6.01E-09	0.00E+00	1.38E-10	2.23E-07	0.00E+00	0.00E+00	6.39E-06
4922	ALL	462244	3773647	NonCancer	0.00E+00	1.96E-09	0.00E+00	1.39E-10	1.39E-10	6.55E-08	6.44E-06	0.00E+00	6.05E-09	0.00E+00	1.39E-10	2.24E-07	0.00E+00	0.00E+00	6.44E-06
4923	ALL	462240.3	3773638	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.59E-08	6.49E-06	0.00E+00	6.09E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.49E-06
4924	ALL	462236.7	3773630	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.64E-08	6.54E-06	0.00E+00	6.13E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.54E-06
4925	ALL	462233	3773621	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.65E-08	6.56E-06	0.00E+00	6.14E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.56E-06
4926	ALL	462163.9	3773457	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.65E-08	6.71E-06	0.00E+00	6.14E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.71E-06
4927	ALL	462160.2	3773449	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.63E-08	6.69E-06	0.00E+00	6.12E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.69E-06
4928	ALL	462156.6	3773440	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.63E-08	6.70E-06	0.00E+00	6.12E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.70E-06
4929	ALL	462153	3773431	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.65E-08	6.73E-06	0.00E+00	6.14E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.73E-06
4930	ALL	462149.3	3773423	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.41E-10	1.41E-10	6.66E-08	6.75E-06	0.00E+00	6.15E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.75E-06
4931	ALL	462145.7	3773414	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.41E-10	1.41E-10	6.66E-08	6.76E-06	0.00E+00	6.15E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.76E-06
4932	ALL	462142	3773405	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.64E-08	6.74E-06	0.00E+00	6.13E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.74E-06
4933	ALL	462138.4	3773397	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.61E-08	6.72E-06	0.00E+00	6.11E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.72E-06
4934	ALL	462134.8	3773388	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.59E-08	6.69E-06	0.00E+00	6.08E-09	0.00E+00	1.40E-10	2.25E-07	0.00E+00	0.00E+00	6.69E-06
4935	ALL	462131.1	3773380	NonCancer	0.00E+00	1.97E-09	0.00E+00	1.39E-10	1.39E-10	6.56E-08	6.67E-06	0.00E+00	6.06E-09	0.00E+00	1.39E-10	2.25E-07	0.00E+00	0.00E+00	6.67E-06
4936	ALL	462127.5	3773371	NonCancer	0.00E+00	1.96E-09	0.00E+00	1.39E-10	1.39E-10	6.54E-08	6.65E-06	0.00E+00	6.04E-09	0.00E+00	1.39E-10	2.24E-07	0.00E+00	0.00E+00	6.65E-06
4937	ALL	462123.8	3773362	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.51E-08	6.62E-06	0.00E+00	6.01E-09	0.00E+00	1.38E-10	2.23E-07	0.00E+00	0.00E+00	6.62E-06
4938	ALL	462120.2	3773354	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.49E-08	6.61E-06	0.00E+00	5.99E-09	0.00E+00	1.38E-10	2.22E-07	0.00E+00	0.00E+00	6.61E-06
4939	ALL	462116.6	3773345	NonCancer	0.00E+00	1.94E-09	0.00E+00	1.37E-10	1.37E-10	6.48E-08	6.61E-06	0.00E+00	5.99E-09	0.00E+00	1.37E-10	2.22E-07	0.00E+00	0.00E+00	6.61E-06
4940	ALL	462112.9	3773337	NonCancer	0.00E+00	1.94E-09	0.00E+00	1.37E-10	1.37E-10	6.48E-08	6.62E-06	0.00E+00	5.98E-09	0.00E+00	1.37E-10	2.22E-07	0.00E+00	0.00E+00	6.62E-06
4941	ALL	462109.3	3773328	NonCancer	0.00E+00	1.94E-09	0.00E+00	1.37E-10	1.37E-10	6.47E-08	6.62E-06	0.00E+00	5.97E-09	0.00E+00	1.37E-10	2.21E-07	0.00E+00	0.00E+00	6.62E-06
4942	ALL	462105.6	3773319	NonCancer	0.00E+00	1.93E-09	0.00E+00	1.36E-10	1.36E-10	6.44E-08	6.59E-06	0.00E+00	5.94E-09	0.00E+00	1.36E-10	2.20E-07	0.00E+00	0.00E+00	6.59E-06
4943	ALL	462102	3773311	NonCancer	0.00E+00	1.92E-09	0.00E+00	1.36E-10	1.36E-10	6.41E-08	6.57E-06	0.00E+00	5.92E-09	0.00E+00	1.36E-10	2.19E-07	0.00E+00	0.00E+00	6.57E-06
4944	ALL	462098.4	3773302	NonCancer	0.00E+00	1.91E-09	0.00E+00	1.35E-10	1.35E-10	6.38E-08	6.54E-06	0.00E+00	5.89E-09	0.00E+00	1.35E-10	2.18E-07	0.00E+00	0.00E+00	6.54E-06
4945	ALL	462094.7	3773293	NonCancer	0.00E+00	1.91E-09	0.00E+00	1.35E-10	1.35E-10	6.36E-08	6.52E-06	0.00E+00	5.87E-09	0.00E+00	1.35E-10	2.18E-07	0.00E+00	0.00E+00	6.52E-06
4946	ALL	462091.1	3773285	NonCancer	0.00E+00	1.90E-09	0.00E+00	1.34E-10	1.34E-10	6.34E-08	6.56E-06	0.00E+00	5.85E-09	0.00E+00	1.34E-10	2.17E-07	0.00E+00	0.00E+00	6.56E-06
4947	ALL	462087.4	3773276	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.34E-10	1.34E-10	6.32E-08	6.55E-06	0.00E+00	5.83E-09	0.00E+00	1.34E-10	2.16E-07	0.00E+00	0.00E+00	6.55E-06
4948	ALL	462813.8	3774085	NonCancer	0.00E+00	2.72E-09	0.00E+00	1.92E-10	1.92E-10	9.08E-08	7.98E-06	0.00E+00	8.38E-09	0.00E+00	1.92E-10	3.11E-07	0.00E+00	0.00E+00	7.98E-06
4949	ALL	462805.1	3774082	NonCancer	0.00E+00	2.69E-09	0.00E+00	1.90E-10	1.90E-10	8.98E-08	7.91E-06	0.00E+00	8.29E-09	0.00E+00	1.90E-10	3.08E-07	0.00E+00	0.00E+00	7.91E-06
4950	ALL	462710	3774042	NonCancer	0.00E+00	2.45E-09	0.00E+00	1.73E-10	1.73E-10	8.17E-08	7.34E-06	0.00E+00	7.54E-09	0.00E+00	1.73E-10	2.80E-07	0.00E+00	0.00E+00	7.34E-06
4951	ALL	462701.4	3774039	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.72E-10	1.72E-10	8.12E-08	7.32E-06	0.00E+00	7.50E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	7.32E-06
4952	ALL	462692.8	3774035	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.08E-08	7.29E-06	0.00E+00	7.46E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	7.29E-06
4953	ALL	462684.1	3774032	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.70E-10	1.70E-10	8.03E-08	7.26E-06	0.00E+00	7.42E-09	0.00E+00	1.70E-10	2.75E-07	0.00E+00	0.00E+00	7.26E-06
4954	ALL	462675.5	3774028	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.99E-08	7.23E-06	0.00E+00	7.37E-09	0.00E+00	1.69E-10	2.73E-07	0.00E+00	0.00E+00	7.23E-06
4955	ALL	462666.8	3774025	NonCancer	0.00E+00	2.38E-09	0.00E+00	1.68E-10	1.68E-10	7.94E-08	7.20E-06	0.00E+00	7.33E-09	0.00E+00	1.68E-10	2.72E-07	0.00E+00	0.00E+00	7.20E-06
4956	ALL	462658.2	3774021	NonCancer	0.00E+00	2.37E-09	0.00E+00	1.67E-10	1.67E-10	7.90E-08	7.18E-06	0.00E+00	7.29E-09	0.00E+00	1.67E-10	2.70E-07	0.00E+00	0.00E+00	7.18E-06
4957	ALL	462649.5	3774018	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.66E-10	1.66E-10	7.86E-08	7.15E-06	0.00E+00	7.25E-09	0.00E+00	1.66E-10	2.69E-07	0.00E+00	0.00E+00	7.15E-06
4958	ALL	462640.9	3774014	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.65E-10	1.65E-10	7.80E-08	7.11E-06	0.00E+00	7.20E-09	0.00E+00	1.65E-10	2.67E-07	0.00E+00	0.00E+00	7.11E-06
4959	ALL	462632.3	3774010	NonCancer	0.00E+00	2.32E-09	0.00E+00	1.64E-10	1.64E-10	7.73E-08	7.06E-06	0.00E+00	7.14E-09	0.00E+00	1.64E-10	2.65E-07	0.00E+00	0.00E+00	7.06E-06
4960	ALL	462606.3	3774000	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.60E-10	1.60E-10	7.54E-08	6.91E-06	0.00E+00	6.96E-09	0.00E+00	1.60E-10	2.58E-07	0.00E+00	0.00E+00	6.91E-06
4961	ALL	462597.7	3773996	NonCancer	0.00E+00	2.24E-09	0.00E+00	1.58E-10	1.58E-10	7.47E-08	6.86E-06	0.00E+00	6.90E-09	0.00E+00	1.58E-10	2.56E-07	0.00E+00	0.00E+00	6.86E-06
4962	ALL	462589	3773993	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.41E-08	6.81E-06	0.00E+00	6.84E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	6.81E-06
4963	ALL	462580.4	3773989	NonCancer	0.00E+00	2.20E-09	0.00E+00	1.56E-10	1.56E-10	7.35E-08	6.77E-06	0.00E+00	6.78E-09	0.00E+00	1.56E-10	2.52E-07	0.00E+00	0.00E+00	6.77E-06
4964	ALL	462571.8	3773986	NonCancer	0.00E+00	2.19E-09	0.00E+00	1.55E-10	1.55E-10	7.29E-08	6.72E-06	0.00E+00	6.73E-09	0.00E+00	1.55E-10	2.50E-07	0.00E+00	0.00E+00	6.72E-06
4965	ALL	462563.1	3773982	NonCancer	0.00E+00	2.18E-09	0.00E+00	1.54E-10	1.54E-10	7.26E-08	6.70E-06	0.00E+00	6.70E-09	0.00E+00	1.54E-10	2.48E-07	0.00E+00	0.00E+00	6.70E-06
4966	ALL	462554.5	3773978	NonCancer	0.00E+00	2.16E-09	0.00E+00	1.53E-10	1.53E-10	7.22E-08	6.67E-06	0.00E+00	6.66E-09	0.00E+00	1.53E-10	2.47E-07	0.00E+00	0.00E+00	6.67E-06

4967	ALL	462545.8	3773975	NonCancer	0.00E+00	2.15E-09	0.00E+00	1.52E-10	1.52E-10	7.17E-08	6.64E-06	0.00E+00	6.62E-09	0.00E+00	1.52E-10	2.45E-07	0.00E+00	0.00E+00	6.64E-06
4968	ALL	462537.2	3773971	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.50E-10	1.50E-10	7.10E-08	6.58E-06	0.00E+00	6.56E-09	0.00E+00	1.50E-10	2.43E-07	0.00E+00	0.00E+00	6.58E-06
4969	ALL	462528.5	3773968	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.02E-08	6.51E-06	0.00E+00	6.48E-09	0.00E+00	1.49E-10	2.40E-07	0.00E+00	0.00E+00	6.51E-06
4970	ALL	462519.9	3773964	NonCancer	0.00E+00	2.08E-09	0.00E+00	1.47E-10	1.47E-10	6.93E-08	6.44E-06	0.00E+00	6.40E-09	0.00E+00	1.47E-10	2.37E-07	0.00E+00	0.00E+00	6.44E-06
4971	ALL	462511.3	3773961	NonCancer	0.00E+00	2.06E-09	0.00E+00	1.46E-10	1.46E-10	6.87E-08	6.39E-06	0.00E+00	6.34E-09	0.00E+00	1.46E-10	2.35E-07	0.00E+00	0.00E+00	6.39E-06
4972	ALL	462502.6	3773957	NonCancer	0.00E+00	2.04E-09	0.00E+00	1.44E-10	1.44E-10	6.81E-08	6.34E-06	0.00E+00	6.29E-09	0.00E+00	1.44E-10	2.33E-07	0.00E+00	0.00E+00	6.34E-06
4973	ALL	462494	3773954	NonCancer	0.00E+00	2.03E-09	0.00E+00	1.43E-10	1.43E-10	6.77E-08	6.31E-06	0.00E+00	6.25E-09	0.00E+00	1.43E-10	2.32E-07	0.00E+00	0.00E+00	6.31E-06
4974	ALL	462485.3	3773950	NonCancer	0.00E+00	2.02E-09	0.00E+00	1.43E-10	1.43E-10	6.74E-08	6.29E-06	0.00E+00	6.22E-09	0.00E+00	1.43E-10	2.31E-07	0.00E+00	0.00E+00	6.29E-06
4975	ALL	462476.7	3773946	NonCancer	0.00E+00	2.01E-09	0.00E+00	1.42E-10	1.42E-10	6.70E-08	6.26E-06	0.00E+00	6.19E-09	0.00E+00	1.42E-10	2.29E-07	0.00E+00	0.00E+00	6.26E-06
4976	ALL	462468	3773943	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.41E-10	1.41E-10	6.67E-08	6.24E-06	0.00E+00	6.16E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.24E-06
4977	ALL	462459.4	3773939	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.64E-08	6.21E-06	0.00E+00	6.13E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.21E-06
4978	ALL	462450.8	3773936	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.60E-08	6.19E-06	0.00E+00	6.10E-09	0.00E+00	1.40E-10	2.26E-07	0.00E+00	0.00E+00	6.19E-06
4979	ALL	462442.1	3773932	NonCancer	0.00E+00	1.97E-09	0.00E+00	1.39E-10	1.39E-10	6.57E-08	6.17E-06	0.00E+00	6.06E-09	0.00E+00	1.39E-10	2.25E-07	0.00E+00	0.00E+00	6.17E-06
4980	ALL	462433.5	3773929	NonCancer	0.00E+00	1.96E-09	0.00E+00	1.38E-10	1.38E-10	6.53E-08	6.14E-06	0.00E+00	6.03E-09	0.00E+00	1.38E-10	2.24E-07	0.00E+00	0.00E+00	6.14E-06
4981	ALL	462424.8	3773925	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.49E-08	6.11E-06	0.00E+00	5.99E-09	0.00E+00	1.38E-10	2.22E-07	0.00E+00	0.00E+00	6.11E-06
4982	ALL	462416.2	3773922	NonCancer	0.00E+00	1.93E-09	0.00E+00	1.36E-10	1.36E-10	6.44E-08	6.06E-06	0.00E+00	5.94E-09	0.00E+00	1.36E-10	2.20E-07	0.00E+00	0.00E+00	6.06E-06
4983	ALL	462407.5	3773918	NonCancer	0.00E+00	1.91E-09	0.00E+00	1.35E-10	1.35E-10	6.38E-08	6.02E-06	0.00E+00	5.89E-09	0.00E+00	1.35E-10	2.18E-07	0.00E+00	0.00E+00	6.02E-06
4984	ALL	462398.9	3773914	NonCancer	0.00E+00	1.90E-09	0.00E+00	1.34E-10	1.34E-10	6.33E-08	5.97E-06	0.00E+00	5.84E-09	0.00E+00	1.34E-10	2.16E-07	0.00E+00	0.00E+00	5.97E-06
4985	ALL	462390.3	3773911	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.25E-08	5.90E-06	0.00E+00	5.77E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	5.90E-06
4986	ALL	462381.6	3773907	NonCancer	0.00E+00	1.86E-09	0.00E+00	1.31E-10	1.31E-10	6.19E-08	5.84E-06	0.00E+00	5.71E-09	0.00E+00	1.31E-10	2.12E-07	0.00E+00	0.00E+00	5.84E-06
4987	ALL	462373	3773904	NonCancer	0.00E+00	1.84E-09	0.00E+00	1.30E-10	1.30E-10	6.14E-08	5.80E-06	0.00E+00	5.66E-09	0.00E+00	1.30E-10	2.10E-07	0.00E+00	0.00E+00	5.80E-06
4988	ALL	462364.3	3773900	NonCancer	0.00E+00	1.83E-09	0.00E+00	1.29E-10	1.29E-10	6.10E-08	5.77E-06	0.00E+00	5.63E-09	0.00E+00	1.29E-10	2.09E-07	0.00E+00	0.00E+00	5.77E-06
4989	ALL	462355.7	3773897	NonCancer	0.00E+00	1.82E-09	0.00E+00	1.29E-10	1.29E-10	6.07E-08	5.75E-06	0.00E+00	5.60E-09	0.00E+00	1.29E-10	2.08E-07	0.00E+00	0.00E+00	5.75E-06
4990	ALL	462347	3773893	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	6.02E-08	5.70E-06	0.00E+00	5.55E-09	0.00E+00	1.27E-10	2.06E-07	0.00E+00	0.00E+00	5.70E-06
4991	ALL	462338.4	3773889	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.26E-10	1.26E-10	5.96E-08	5.66E-06	0.00E+00	5.51E-09	0.00E+00	1.26E-10	2.04E-07	0.00E+00	0.00E+00	5.66E-06
4992	ALL	462329.8	3773886	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.91E-08	5.62E-06	0.00E+00	5.46E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	5.62E-06
4993	ALL	462321.1	3773882	NonCancer	0.00E+00	1.76E-09	0.00E+00	1.24E-10	1.24E-10	5.86E-08	5.57E-06	0.00E+00	5.41E-09	0.00E+00	1.24E-10	2.01E-07	0.00E+00	0.00E+00	5.57E-06
4994	ALL	462293.5	3773859	NonCancer	0.00E+00	1.73E-09	0.00E+00	1.22E-10	1.22E-10	5.76E-08	5.50E-06	0.00E+00	5.32E-09	0.00E+00	1.22E-10	1.97E-07	0.00E+00	0.00E+00	5.50E-06
4995	ALL	462289.8	3773851	NonCancer	0.00E+00	1.73E-09	0.00E+00	1.22E-10	1.22E-10	5.78E-08	5.52E-06	0.00E+00	5.33E-09	0.00E+00	1.22E-10	1.98E-07	0.00E+00	0.00E+00	5.52E-06
4996	ALL	462286.2	3773842	NonCancer	0.00E+00	1.73E-09	0.00E+00	1.23E-10	1.23E-10	5.78E-08	5.53E-06	0.00E+00	5.34E-09	0.00E+00	1.23E-10	1.98E-07	0.00E+00	0.00E+00	5.53E-06
4997	ALL	462282.5	3773833	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.79E-08	5.54E-06	0.00E+00	5.34E-09	0.00E+00	1.23E-10	1.98E-07	0.00E+00	0.00E+00	5.54E-06
4998	ALL	462278.9	3773825	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.82E-08	5.57E-06	0.00E+00	5.37E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	5.57E-06
4999	ALL	462275.3	3773816	NonCancer	0.00E+00	1.76E-09	0.00E+00	1.24E-10	1.24E-10	5.86E-08	5.62E-06	0.00E+00	5.41E-09	0.00E+00	1.24E-10	2.01E-07	0.00E+00	0.00E+00	5.62E-06
5000	ALL	462271.6	3773807	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.90E-08	5.67E-06	0.00E+00	5.45E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	5.67E-06
5001	ALL	462268	3773799	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.91E-08	5.69E-06	0.00E+00	5.46E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	5.69E-06
5002	ALL	462264.4	3773790	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.91E-08	5.69E-06	0.00E+00	5.46E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	5.69E-06
5003	ALL	462260.7	3773782	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.91E-08	5.70E-06	0.00E+00	5.46E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	5.70E-06
5004	ALL	462257.1	3773773	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.93E-08	5.72E-06	0.00E+00	5.47E-09	0.00E+00	1.26E-10	2.03E-07	0.00E+00	0.00E+00	5.72E-06
5005	ALL	462249.8	3773756	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	6.00E-08	5.81E-06	0.00E+00	5.54E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	5.81E-06
5006	ALL	462246.2	3773747	NonCancer	0.00E+00	1.81E-09	0.00E+00	1.28E-10	1.28E-10	6.04E-08	5.86E-06	0.00E+00	5.58E-09	0.00E+00	1.28E-10	2.07E-07	0.00E+00	0.00E+00	5.86E-06
5007	ALL	462242.6	3773739	NonCancer	0.00E+00	1.81E-09	0.00E+00	1.28E-10	1.28E-10	6.04E-08	5.87E-06	0.00E+00	5.58E-09	0.00E+00	1.28E-10	2.07E-07	0.00E+00	0.00E+00	5.87E-06
5008	ALL	462238.9	3773730	NonCancer	0.00E+00	1.81E-09	0.00E+00	1.28E-10	1.28E-10	6.04E-08	5.87E-06	0.00E+00	5.58E-09	0.00E+00	1.28E-10	2.07E-07	0.00E+00	0.00E+00	5.87E-06
5009	ALL	462235.3	3773721	NonCancer	0.00E+00	1.81E-09	0.00E+00	1.28E-10	1.28E-10	6.04E-08	5.87E-06	0.00E+00	5.58E-09	0.00E+00	1.28E-10	2.07E-07	0.00E+00	0.00E+00	5.87E-06
5010	ALL	462231.6	3773713	NonCancer	0.00E+00	1.82E-09	0.00E+00	1.28E-10	1.28E-10	6.05E-08	5.89E-06	0.00E+00	5.59E-09	0.00E+00	1.28E-10	2.07E-07	0.00E+00	0.00E+00	5.89E-06
5011	ALL	462228	3773704	NonCancer	0.00E+00	1.83E-09	0.00E+00	1.29E-10	1.29E-10	6.09E-08	5.94E-06	0.00E+00	5.62E-09	0.00E+00	1.29E-10	2.08E-07	0.00E+00	0.00E+00	5.94E-06
5012	ALL	462224.4	3773696	NonCancer	0.00E+00	1.84E-09	0.00E+00	1.30E-10	1.30E-10	6.13E-08	5.98E-06	0.00E+00	5.66E-09	0.00E+00	1.30E-10	2.10E-07	0.00E+00	0.00E+00	5.98E-06
5013	ALL	462122.6	3773454	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.27E-08	6.31E-06	0.00E+00	5.79E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.31E-06
5014	ALL	462118.9	3773446	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.25E-08	6.30E-06	0.00E+00	5.77E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	6.30E-06
5015	ALL	462115.3	3773437	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.26E-08	6.31E-06	0.00E+00	5.78E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.31E-06
5016	ALL	462111.7	3773429	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.27E-08	6.33E-06	0.00E+00	5.79E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.33E-06
5017	ALL	462108	3773420	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.33E-10	1.33E-10	6.29E-08	6.35E-06	0.00E+00	5.80E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.35E-06
5018	ALL	462104.4	3773411	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.28E-08	6.35E-06	0.00E+00	5.79E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.35E-06
5019	ALL	462100.8	3773403	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.25E-08	6.33E-06	0.00E+00	5.77E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.33E-06
5020	ALL	462097.1	3773394	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.23E-08	6.31E-06	0.00E+00	5.75E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	6.31E-06

5021	ALL	462093.5	3773386	NonCancer	0.00E+00	1.86E-09	0.00E+00	1.32E-10	1.32E-10	6.21E-08	6.29E-06	0.00E+00	5.73E-09	0.00E+00	1.32E-10	2.12E-07	0.00E+00	0.00E+00	6.29E-06
5022	ALL	462089.9	3773377	NonCancer	0.00E+00	1.85E-09	0.00E+00	1.31E-10	1.31E-10	6.18E-08	6.27E-06	0.00E+00	5.71E-09	0.00E+00	1.31E-10	2.12E-07	0.00E+00	0.00E+00	6.27E-06
5023	ALL	462086.2	3773368	NonCancer	0.00E+00	1.85E-09	0.00E+00	1.31E-10	1.31E-10	6.16E-08	6.25E-06	0.00E+00	5.69E-09	0.00E+00	1.31E-10	2.11E-07	0.00E+00	0.00E+00	6.25E-06
5024	ALL	462082.6	3773360	NonCancer	0.00E+00	1.84E-09	0.00E+00	1.30E-10	1.30E-10	6.14E-08	6.23E-06	0.00E+00	5.66E-09	0.00E+00	1.30E-10	2.10E-07	0.00E+00	0.00E+00	6.23E-06
5025	ALL	462078.9	3773351	NonCancer	0.00E+00	1.84E-09	0.00E+00	1.30E-10	1.30E-10	6.12E-08	6.22E-06	0.00E+00	5.65E-09	0.00E+00	1.30E-10	2.10E-07	0.00E+00	0.00E+00	6.22E-06
5026	ALL	462075.3	3773343	NonCancer	0.00E+00	1.83E-09	0.00E+00	1.30E-10	1.30E-10	6.12E-08	6.22E-06	0.00E+00	5.65E-09	0.00E+00	1.30E-10	2.09E-07	0.00E+00	0.00E+00	6.22E-06
5027	ALL	462071.7	3773334	NonCancer	0.00E+00	1.83E-09	0.00E+00	1.29E-10	1.29E-10	6.11E-08	6.23E-06	0.00E+00	5.64E-09	0.00E+00	1.29E-10	2.09E-07	0.00E+00	0.00E+00	6.23E-06
5028	ALL	462053.5	3773291	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	6.00E-08	6.19E-06	0.00E+00	5.54E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.19E-06
5029	ALL	462049.9	3773282	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.27E-10	1.27E-10	5.98E-08	6.18E-06	0.00E+00	5.52E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	6.18E-06
5030	ALL	462813.6	3774125	NonCancer	0.00E+00	2.57E-09	0.00E+00	1.81E-10	1.81E-10	8.56E-08	7.49E-06	0.00E+00	7.90E-09	0.00E+00	1.81E-10	2.93E-07	0.00E+00	0.00E+00	7.49E-06
5031	ALL	462805	3774122	NonCancer	0.00E+00	2.54E-09	0.00E+00	1.79E-10	1.79E-10	8.47E-08	7.43E-06	0.00E+00	7.82E-09	0.00E+00	1.79E-10	2.90E-07	0.00E+00	0.00E+00	7.43E-06
5032	ALL	462796.3	3774118	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.37E-08	7.35E-06	0.00E+00	7.73E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	7.35E-06
5033	ALL	462787.7	3774114	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.26E-08	7.27E-06	0.00E+00	7.63E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	7.27E-06
5034	ALL	462779	3774111	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.74E-10	1.74E-10	8.19E-08	7.22E-06	0.00E+00	7.56E-09	0.00E+00	1.74E-10	2.80E-07	0.00E+00	0.00E+00	7.22E-06
5035	ALL	462770.4	3774107	NonCancer	0.00E+00	2.43E-09	0.00E+00	1.72E-10	1.72E-10	8.11E-08	7.17E-06	0.00E+00	7.49E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	7.17E-06
5036	ALL	462761.7	3774104	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.06E-08	7.13E-06	0.00E+00	7.44E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	7.13E-06
5037	ALL	462753.1	3774100	NonCancer	0.00E+00	2.40E-09	0.00E+00	1.70E-10	1.70E-10	8.01E-08	7.11E-06	0.00E+00	7.40E-09	0.00E+00	1.70E-10	2.74E-07	0.00E+00	0.00E+00	7.11E-06
5038	ALL	462744.4	3774097	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.97E-08	7.08E-06	0.00E+00	7.36E-09	0.00E+00	1.69E-10	2.73E-07	0.00E+00	0.00E+00	7.08E-06
5039	ALL	462735.8	3774093	NonCancer	0.00E+00	2.37E-09	0.00E+00	1.68E-10	1.68E-10	7.92E-08	7.05E-06	0.00E+00	7.31E-09	0.00E+00	1.68E-10	2.71E-07	0.00E+00	0.00E+00	7.05E-06
5040	ALL	462727.1	3774089	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.87E-08	7.02E-06	0.00E+00	7.27E-09	0.00E+00	1.67E-10	2.70E-07	0.00E+00	0.00E+00	7.02E-06
5041	ALL	462718.4	3774086	NonCancer	0.00E+00	2.35E-09	0.00E+00	1.66E-10	1.66E-10	7.83E-08	6.99E-06	0.00E+00	7.23E-09	0.00E+00	1.66E-10	2.68E-07	0.00E+00	0.00E+00	6.99E-06
5042	ALL	462606	3774040	NonCancer	0.00E+00	2.14E-09	0.00E+00	1.51E-10	1.51E-10	7.12E-08	6.49E-06	0.00E+00	6.57E-09	0.00E+00	1.51E-10	2.44E-07	0.00E+00	0.00E+00	6.49E-06
5043	ALL	462597.3	3774036	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.50E-10	1.50E-10	7.08E-08	6.47E-06	0.00E+00	6.54E-09	0.00E+00	1.50E-10	2.42E-07	0.00E+00	0.00E+00	6.47E-06
5044	ALL	462588.6	3774032	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.05E-08	6.44E-06	0.00E+00	6.51E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	6.44E-06
5045	ALL	462580	3774029	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.49E-10	1.49E-10	7.01E-08	6.42E-06	0.00E+00	6.47E-09	0.00E+00	1.49E-10	2.40E-07	0.00E+00	0.00E+00	6.42E-06
5046	ALL	462571.3	3774025	NonCancer	0.00E+00	2.09E-09	0.00E+00	1.48E-10	1.48E-10	6.98E-08	6.40E-06	0.00E+00	6.44E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	6.40E-06
5047	ALL	462562.7	3774022	NonCancer	0.00E+00	2.08E-09	0.00E+00	1.47E-10	1.47E-10	6.94E-08	6.38E-06	0.00E+00	6.41E-09	0.00E+00	1.47E-10	2.38E-07	0.00E+00	0.00E+00	6.38E-06
5048	ALL	462554	3774018	NonCancer	0.00E+00	2.07E-09	0.00E+00	1.46E-10	1.46E-10	6.91E-08	6.35E-06	0.00E+00	6.38E-09	0.00E+00	1.46E-10	2.36E-07	0.00E+00	0.00E+00	6.35E-06
5049	ALL	462545.4	3774015	NonCancer	0.00E+00	2.06E-09	0.00E+00	1.45E-10	1.45E-10	6.86E-08	6.32E-06	0.00E+00	6.34E-09	0.00E+00	1.45E-10	2.35E-07	0.00E+00	0.00E+00	6.32E-06
5050	ALL	462536.7	3774011	NonCancer	0.00E+00	2.04E-09	0.00E+00	1.44E-10	1.44E-10	6.81E-08	6.28E-06	0.00E+00	6.29E-09	0.00E+00	1.44E-10	2.33E-07	0.00E+00	0.00E+00	6.28E-06
5051	ALL	462528.1	3774008	NonCancer	0.00E+00	2.03E-09	0.00E+00	1.43E-10	1.43E-10	6.75E-08	6.23E-06	0.00E+00	6.23E-09	0.00E+00	1.43E-10	2.31E-07	0.00E+00	0.00E+00	6.23E-06
5052	ALL	462519.4	3774004	NonCancer	0.00E+00	2.01E-09	0.00E+00	1.42E-10	1.42E-10	6.70E-08	6.19E-06	0.00E+00	6.18E-09	0.00E+00	1.42E-10	2.29E-07	0.00E+00	0.00E+00	6.19E-06
5053	ALL	462510.8	3774000	NonCancer	0.00E+00	1.98E-09	0.00E+00	1.40E-10	1.40E-10	6.62E-08	6.12E-06	0.00E+00	6.11E-09	0.00E+00	1.40E-10	2.27E-07	0.00E+00	0.00E+00	6.12E-06
5054	ALL	462502.1	3773997	NonCancer	0.00E+00	1.97E-09	0.00E+00	1.39E-10	1.39E-10	6.55E-08	6.07E-06	0.00E+00	6.05E-09	0.00E+00	1.39E-10	2.24E-07	0.00E+00	0.00E+00	6.07E-06
5055	ALL	462493.5	3773993	NonCancer	0.00E+00	1.95E-09	0.00E+00	1.38E-10	1.38E-10	6.50E-08	6.03E-06	0.00E+00	6.00E-09	0.00E+00	1.38E-10	2.23E-07	0.00E+00	0.00E+00	6.03E-06
5056	ALL	462484.8	3773990	NonCancer	0.00E+00	1.94E-09	0.00E+00	1.37E-10	1.37E-10	6.46E-08	6.00E-06	0.00E+00	5.97E-09	0.00E+00	1.37E-10	2.21E-07	0.00E+00	0.00E+00	6.00E-06
5057	ALL	462476.2	3773986	NonCancer	0.00E+00	1.93E-09	0.00E+00	1.36E-10	1.36E-10	6.43E-08	5.98E-06	0.00E+00	5.94E-09	0.00E+00	1.36E-10	2.20E-07	0.00E+00	0.00E+00	5.98E-06
5058	ALL	462467.5	3773983	NonCancer	0.00E+00	1.91E-09	0.00E+00	1.35E-10	1.35E-10	6.38E-08	5.94E-06	0.00E+00	5.89E-09	0.00E+00	1.35E-10	2.18E-07	0.00E+00	0.00E+00	5.94E-06
5059	ALL	462458.8	3773979	NonCancer	0.00E+00	1.90E-09	0.00E+00	1.34E-10	1.34E-10	6.33E-08	5.89E-06	0.00E+00	5.84E-09	0.00E+00	1.34E-10	2.17E-07	0.00E+00	0.00E+00	5.89E-06
5060	ALL	462450.2	3773975	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.28E-08	5.85E-06	0.00E+00	5.79E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	5.85E-06
5061	ALL	462441.5	3773972	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.23E-08	5.81E-06	0.00E+00	5.75E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	5.81E-06
5062	ALL	462432.9	3773968	NonCancer	0.00E+00	1.85E-09	0.00E+00	1.31E-10	1.31E-10	6.17E-08	5.77E-06	0.00E+00	5.70E-09	0.00E+00	1.31E-10	2.11E-07	0.00E+00	0.00E+00	5.77E-06
5063	ALL	462424.2	3773965	NonCancer	0.00E+00	1.84E-09	0.00E+00	1.30E-10	1.30E-10	6.12E-08	5.73E-06	0.00E+00	5.65E-09	0.00E+00	1.30E-10	2.10E-07	0.00E+00	0.00E+00	5.73E-06
5064	ALL	462415.6	3773961	NonCancer	0.00E+00	1.82E-09	0.00E+00	1.29E-10	1.29E-10	6.07E-08	5.69E-06	0.00E+00	5.61E-09	0.00E+00	1.29E-10	2.08E-07	0.00E+00	0.00E+00	5.69E-06
5065	ALL	462406.9	3773958	NonCancer	0.00E+00	1.81E-09	0.00E+00	1.28E-10	1.28E-10	6.03E-08	5.65E-06	0.00E+00	5.56E-09	0.00E+00	1.28E-10	2.06E-07	0.00E+00	0.00E+00	5.65E-06
5066	ALL	462398.3	3773954	NonCancer	0.00E+00	1.80E-09	0.00E+00	1.27E-10	1.27E-10	5.99E-08	5.62E-06	0.00E+00	5.53E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	5.62E-06
5067	ALL	462389.6	3773951	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.95E-08	5.58E-06	0.00E+00	5.49E-09	0.00E+00	1.26E-10	2.04E-07	0.00E+00	0.00E+00	5.58E-06
5068	ALL	462381	3773947	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.90E-08	5.54E-06	0.00E+00	5.45E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	5.54E-06
5069	ALL	462372.3	3773943	NonCancer	0.00E+00	1.75E-09	0.00E+00	1.24E-10	1.24E-10	5.84E-08	5.49E-06	0.00E+00	5.39E-09	0.00E+00	1.24E-10	2.00E-07	0.00E+00	0.00E+00	5.49E-06
5070	ALL	462363.7	3773940	NonCancer	0.00E+00	1.73E-09	0.00E+00	1.23E-10	1.23E-10	5.79E-08	5.44E-06	0.00E+00	5.34E-09	0.00E+00	1.23E-10	1.98E-07	0.00E+00	0.00E+00	5.44E-06
5071	ALL	462355	3773936	NonCancer	0.00E+00	1.72E-09	0.00E+00	1.22E-10	1.22E-10	5.74E-08	5.40E-06	0.00E+00	5.30E-09	0.00E+00	1.22E-10	1.96E-07	0.00E+00	0.00E+00	5.40E-06
5072	ALL	462346.4	3773933	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.69E-08	5.36E-06	0.00E+00	5.25E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.36E-06
5073	ALL	462337.7	3773929	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.20E-10	1.20E-10	5.65E-08	5.33E-06	0.00E+00	5.21E-09	0.00E+00	1.20E-10	1.93E-07	0.00E+00	0.00E+00	5.33E-06
5074	ALL	462329	3773926	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.60E-08	5.29E-06	0.00E+00	5.17E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.29E-06

5075	ALL	462320.4	3773922	NonCancer	0.00E+00	1.67E-09	0.00E+00	1.18E-10	1.18E-10	5.57E-08	5.27E-06	0.00E+00	5.15E-09	0.00E+00	1.18E-10	1.91E-07	0.00E+00	0.00E+00	5.27E-06
5076	ALL	462255	3773863	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.47E-08	5.21E-06	0.00E+00	5.05E-09	0.00E+00	1.16E-10	1.87E-07	0.00E+00	0.00E+00	5.21E-06
5077	ALL	462251.3	3773854	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.47E-08	5.22E-06	0.00E+00	5.05E-09	0.00E+00	1.16E-10	1.87E-07	0.00E+00	0.00E+00	5.22E-06
5078	ALL	462247.7	3773846	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.47E-08	5.23E-06	0.00E+00	5.05E-09	0.00E+00	1.16E-10	1.87E-07	0.00E+00	0.00E+00	5.23E-06
5079	ALL	462244.1	3773837	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.47E-08	5.24E-06	0.00E+00	5.05E-09	0.00E+00	1.16E-10	1.87E-07	0.00E+00	0.00E+00	5.24E-06
5080	ALL	462240.4	3773829	NonCancer	0.00E+00	1.65E-09	0.00E+00	1.17E-10	1.17E-10	5.51E-08	5.28E-06	0.00E+00	5.09E-09	0.00E+00	1.17E-10	1.89E-07	0.00E+00	0.00E+00	5.28E-06
5081	ALL	462236.8	3773820	NonCancer	0.00E+00	1.66E-09	0.00E+00	1.18E-10	1.18E-10	5.55E-08	5.32E-06	0.00E+00	5.12E-09	0.00E+00	1.18E-10	1.90E-07	0.00E+00	0.00E+00	5.32E-06
5082	ALL	462233.1	3773811	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.18E-10	1.18E-10	5.59E-08	5.37E-06	0.00E+00	5.16E-09	0.00E+00	1.18E-10	1.91E-07	0.00E+00	0.00E+00	5.37E-06
5083	ALL	462229.5	3773803	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.61E-08	5.40E-06	0.00E+00	5.18E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.40E-06
5084	ALL	462225.9	3773794	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.61E-08	5.41E-06	0.00E+00	5.18E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.41E-06
5085	ALL	462207.7	3773751	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.68E-08	5.50E-06	0.00E+00	5.24E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.50E-06
5086	ALL	462204	3773742	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.68E-08	5.50E-06	0.00E+00	5.24E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.50E-06
5087	ALL	462200.4	3773734	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.69E-08	5.52E-06	0.00E+00	5.25E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.52E-06
5088	ALL	462196.7	3773725	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.70E-08	5.54E-06	0.00E+00	5.26E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.54E-06
5089	ALL	462185.8	3773699	NonCancer	0.00E+00	1.73E-09	0.00E+00	1.23E-10	1.23E-10	5.78E-08	5.64E-06	0.00E+00	5.34E-09	0.00E+00	1.23E-10	1.98E-07	0.00E+00	0.00E+00	5.64E-06
5090	ALL	462182.2	3773691	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.80E-08	5.66E-06	0.00E+00	5.35E-09	0.00E+00	1.23E-10	1.98E-07	0.00E+00	0.00E+00	5.66E-06
5091	ALL	462178.5	3773682	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.80E-08	5.66E-06	0.00E+00	5.35E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	5.66E-06
5092	ALL	462174.9	3773673	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.80E-08	5.67E-06	0.00E+00	5.35E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	5.67E-06
5093	ALL	462171.3	3773665	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.81E-08	5.68E-06	0.00E+00	5.36E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	5.68E-06
5094	ALL	462083.9	3773458	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.91E-08	5.93E-06	0.00E+00	5.46E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	5.93E-06
5095	ALL	462080.2	3773449	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.91E-08	5.93E-06	0.00E+00	5.45E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	5.93E-06
5096	ALL	462076.6	3773441	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.90E-08	5.93E-06	0.00E+00	5.45E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	5.93E-06
5097	ALL	462073	3773432	NonCancer	0.00E+00	1.76E-09	0.00E+00	1.25E-10	1.25E-10	5.88E-08	5.91E-06	0.00E+00	5.43E-09	0.00E+00	1.25E-10	2.01E-07	0.00E+00	0.00E+00	5.91E-06
5098	ALL	462054.8	3773389	NonCancer	0.00E+00	1.75E-09	0.00E+00	1.23E-10	1.23E-10	5.82E-08	5.87E-06	0.00E+00	5.38E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	5.87E-06
5099	ALL	462051.1	3773380	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.81E-08	5.86E-06	0.00E+00	5.36E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	5.86E-06
5100	ALL	462047.5	3773372	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.80E-08	5.86E-06	0.00E+00	5.35E-09	0.00E+00	1.23E-10	1.98E-07	0.00E+00	0.00E+00	5.86E-06
5101	ALL	462043.8	3773363	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.79E-08	5.86E-06	0.00E+00	5.35E-09	0.00E+00	1.23E-10	1.98E-07	0.00E+00	0.00E+00	5.86E-06
5102	ALL	462040.2	3773355	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.79E-08	5.86E-06	0.00E+00	5.34E-09	0.00E+00	1.23E-10	1.98E-07	0.00E+00	0.00E+00	5.86E-06
5103	ALL	462036.6	3773346	NonCancer	0.00E+00	1.73E-09	0.00E+00	1.22E-10	1.22E-10	5.77E-08	5.84E-06	0.00E+00	5.32E-09	0.00E+00	1.22E-10	1.97E-07	0.00E+00	0.00E+00	5.84E-06
5104	ALL	462032.9	3773337	NonCancer	0.00E+00	1.72E-09	0.00E+00	1.22E-10	1.22E-10	5.74E-08	5.82E-06	0.00E+00	5.30E-09	0.00E+00	1.22E-10	1.97E-07	0.00E+00	0.00E+00	5.82E-06
5105	ALL	462029.3	3773329	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.72E-08	5.79E-06	0.00E+00	5.28E-09	0.00E+00	1.21E-10	1.96E-07	0.00E+00	0.00E+00	5.79E-06
5106	ALL	462025.6	3773320	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.71E-08	5.79E-06	0.00E+00	5.27E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.79E-06
5107	ALL	462022	3773311	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.70E-08	5.79E-06	0.00E+00	5.26E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.79E-06
5108	ALL	462018.4	3773303	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.69E-08	5.79E-06	0.00E+00	5.26E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.79E-06
5109	ALL	462014.7	3773294	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.68E-08	5.79E-06	0.00E+00	5.25E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.79E-06
5110	ALL	462011.1	3773286	NonCancer	0.00E+00	1.70E-09	0.00E+00	1.20E-10	1.20E-10	5.67E-08	5.83E-06	0.00E+00	5.23E-09	0.00E+00	1.20E-10	1.94E-07	0.00E+00	0.00E+00	5.83E-06
5111	ALL	462917.5	3774208	NonCancer	0.00E+00	2.72E-09	0.00E+00	1.92E-10	1.92E-10	9.07E-08	7.75E-06	0.00E+00	8.37E-09	0.00E+00	1.92E-10	3.10E-07	0.00E+00	0.00E+00	7.75E-06
5112	ALL	462908.8	3774204	NonCancer	0.00E+00	2.70E-09	0.00E+00	1.91E-10	1.91E-10	9.00E-08	7.71E-06	0.00E+00	8.31E-09	0.00E+00	1.91E-10	3.08E-07	0.00E+00	0.00E+00	7.71E-06
5113	ALL	462900.2	3774201	NonCancer	0.00E+00	2.68E-09	0.00E+00	1.89E-10	1.89E-10	8.93E-08	7.66E-06	0.00E+00	8.25E-09	0.00E+00	1.89E-10	3.06E-07	0.00E+00	0.00E+00	7.66E-06
5114	ALL	462891.5	3774197	NonCancer	0.00E+00	2.66E-09	0.00E+00	1.88E-10	1.88E-10	8.87E-08	7.62E-06	0.00E+00	8.18E-09	0.00E+00	1.88E-10	3.03E-07	0.00E+00	0.00E+00	7.62E-06
5115	ALL	462882.9	3774194	NonCancer	0.00E+00	2.63E-09	0.00E+00	1.86E-10	1.86E-10	8.78E-08	7.56E-06	0.00E+00	8.11E-09	0.00E+00	1.86E-10	3.01E-07	0.00E+00	0.00E+00	7.56E-06
5116	ALL	462874.3	3774190	NonCancer	0.00E+00	2.60E-09	0.00E+00	1.84E-10	1.84E-10	8.67E-08	7.47E-06	0.00E+00	8.00E-09	0.00E+00	1.84E-10	2.97E-07	0.00E+00	0.00E+00	7.47E-06
5117	ALL	462865.6	3774186	NonCancer	0.00E+00	2.56E-09	0.00E+00	1.81E-10	1.81E-10	8.55E-08	7.38E-06	0.00E+00	7.89E-09	0.00E+00	1.81E-10	2.92E-07	0.00E+00	0.00E+00	7.38E-06
5118	ALL	462857	3774183	NonCancer	0.00E+00	2.53E-09	0.00E+00	1.79E-10	1.79E-10	8.44E-08	7.30E-06	0.00E+00	7.79E-09	0.00E+00	1.79E-10	2.89E-07	0.00E+00	0.00E+00	7.30E-06
5119	ALL	462848.3	3774179	NonCancer	0.00E+00	2.51E-09	0.00E+00	1.77E-10	1.77E-10	8.36E-08	7.24E-06	0.00E+00	7.72E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	7.24E-06
5120	ALL	462839.7	3774176	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.30E-08	7.21E-06	0.00E+00	7.67E-09	0.00E+00	1.76E-10	2.84E-07	0.00E+00	0.00E+00	7.21E-06
5121	ALL	462831	3774172	NonCancer	0.00E+00	2.47E-09	0.00E+00	1.75E-10	1.75E-10	8.25E-08	7.17E-06	0.00E+00	7.61E-09	0.00E+00	1.75E-10	2.82E-07	0.00E+00	0.00E+00	7.17E-06
5122	ALL	462813.7	3774165	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.72E-10	1.72E-10	8.14E-08	7.10E-06	0.00E+00	7.51E-09	0.00E+00	1.72E-10	2.79E-07	0.00E+00	0.00E+00	7.10E-06
5123	ALL	462805.1	3774162	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.07E-08	7.05E-06	0.00E+00	7.45E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	7.05E-06
5124	ALL	462796.5	3774158	NonCancer	0.00E+00	2.40E-09	0.00E+00	1.69E-10	1.69E-10	7.99E-08	7.00E-06	0.00E+00	7.38E-09	0.00E+00	1.69E-10	2.74E-07	0.00E+00	0.00E+00	7.00E-06
5125	ALL	462787.8	3774154	NonCancer	0.00E+00	2.37E-09	0.00E+00	1.68E-10	1.68E-10	7.92E-08	6.94E-06	0.00E+00	7.31E-09	0.00E+00	1.68E-10	2.71E-07	0.00E+00	0.00E+00	6.94E-06
5126	ALL	462779.2	3774151	NonCancer	0.00E+00	2.35E-09	0.00E+00	1.66E-10	1.66E-10	7.82E-08	6.87E-06	0.00E+00	7.22E-09	0.00E+00	1.66E-10	2.68E-07	0.00E+00	0.00E+00	6.87E-06
5127	ALL	462770.5	3774147	NonCancer	0.00E+00	2.32E-09	0.00E+00	1.64E-10	1.64E-10	7.74E-08	6.81E-06	0.00E+00	7.15E-09	0.00E+00	1.64E-10	2.65E-07	0.00E+00	0.00E+00	6.81E-06
5128	ALL	462761.9	3774144	NonCancer	0.00E+00	2.30E-09	0.00E+00	1.63E-10	1.63E-10	7.68E-08	6.77E-06	0.00E+00	7.09E-09	0.00E+00	1.63E-10	2.63E-07	0.00E+00	0.00E+00	6.77E-06

5129	ALL	462753.2	3774140	NonCancer	0.00E+00	2.29E-09	0.00E+00	1.62E-10	1.62E-10	7.63E-08	6.74E-06	0.00E+00	7.04E-09	0.00E+00	1.62E-10	2.61E-07	0.00E+00	0.00E+00	6.74E-06
5130	ALL	462744.6	3774137	NonCancer	0.00E+00	2.28E-09	0.00E+00	1.61E-10	1.61E-10	7.59E-08	6.71E-06	0.00E+00	7.01E-09	0.00E+00	1.61E-10	2.60E-07	0.00E+00	0.00E+00	6.71E-06
5131	ALL	462735.9	3774133	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.59E-10	1.59E-10	7.53E-08	6.67E-06	0.00E+00	6.95E-09	0.00E+00	1.59E-10	2.58E-07	0.00E+00	0.00E+00	6.67E-06
5132	ALL	462727.3	3774130	NonCancer	0.00E+00	2.24E-09	0.00E+00	1.58E-10	1.58E-10	7.46E-08	6.63E-06	0.00E+00	6.89E-09	0.00E+00	1.58E-10	2.55E-07	0.00E+00	0.00E+00	6.63E-06
5133	ALL	462718.7	3774126	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.40E-08	6.58E-06	0.00E+00	6.83E-09	0.00E+00	1.57E-10	2.53E-07	0.00E+00	0.00E+00	6.58E-06
5134	ALL	462710	3774122	NonCancer	0.00E+00	2.20E-09	0.00E+00	1.56E-10	1.56E-10	7.34E-08	6.54E-06	0.00E+00	6.78E-09	0.00E+00	1.56E-10	2.51E-07	0.00E+00	0.00E+00	6.54E-06
5135	ALL	462701.4	3774119	NonCancer	0.00E+00	2.18E-09	0.00E+00	1.54E-10	1.54E-10	7.28E-08	6.50E-06	0.00E+00	6.72E-09	0.00E+00	1.54E-10	2.49E-07	0.00E+00	0.00E+00	6.50E-06
5136	ALL	462692.7	3774115	NonCancer	0.00E+00	2.17E-09	0.00E+00	1.53E-10	1.53E-10	7.22E-08	6.45E-06	0.00E+00	6.67E-09	0.00E+00	1.53E-10	2.47E-07	0.00E+00	0.00E+00	6.45E-06
5137	ALL	462684.1	3774112	NonCancer	0.00E+00	2.15E-09	0.00E+00	1.52E-10	1.52E-10	7.16E-08	6.41E-06	0.00E+00	6.61E-09	0.00E+00	1.52E-10	2.45E-07	0.00E+00	0.00E+00	6.41E-06
5138	ALL	462675.4	3774108	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.50E-10	1.50E-10	7.10E-08	6.37E-06	0.00E+00	6.56E-09	0.00E+00	1.50E-10	2.43E-07	0.00E+00	0.00E+00	6.37E-06
5139	ALL	462666.8	3774105	NonCancer	0.00E+00	2.12E-09	0.00E+00	1.49E-10	1.49E-10	7.06E-08	6.33E-06	0.00E+00	6.51E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	6.33E-06
5140	ALL	462658.1	3774101	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.49E-10	1.49E-10	7.02E-08	6.31E-06	0.00E+00	6.48E-09	0.00E+00	1.49E-10	2.40E-07	0.00E+00	0.00E+00	6.31E-06
5141	ALL	462649.5	3774098	NonCancer	0.00E+00	2.09E-09	0.00E+00	1.48E-10	1.48E-10	6.98E-08	6.29E-06	0.00E+00	6.45E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	6.29E-06
5142	ALL	462640.8	3774094	NonCancer	0.00E+00	2.08E-09	0.00E+00	1.47E-10	1.47E-10	6.95E-08	6.27E-06	0.00E+00	6.41E-09	0.00E+00	1.47E-10	2.38E-07	0.00E+00	0.00E+00	6.27E-06
5143	ALL	462511.2	3774041	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.33E-10	1.33E-10	6.29E-08	5.79E-06	0.00E+00	5.80E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	5.79E-06
5144	ALL	462502.5	3774037	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.24E-08	5.75E-06	0.00E+00	5.76E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	5.75E-06
5145	ALL	462493.9	3774033	NonCancer	0.00E+00	1.85E-09	0.00E+00	1.31E-10	1.31E-10	6.18E-08	5.70E-06	0.00E+00	5.70E-09	0.00E+00	1.31E-10	2.11E-07	0.00E+00	0.00E+00	5.70E-06
5146	ALL	462485.2	3774030	NonCancer	0.00E+00	1.83E-09	0.00E+00	1.30E-10	1.30E-10	6.12E-08	5.65E-06	0.00E+00	5.65E-09	0.00E+00	1.30E-10	2.09E-07	0.00E+00	0.00E+00	5.65E-06
5147	ALL	462476.6	3774026	NonCancer	0.00E+00	1.82E-09	0.00E+00	1.29E-10	1.29E-10	6.07E-08	5.61E-06	0.00E+00	5.60E-09	0.00E+00	1.29E-10	2.08E-07	0.00E+00	0.00E+00	5.61E-06
5148	ALL	462468	3774023	NonCancer	0.00E+00	1.81E-09	0.00E+00	1.28E-10	1.28E-10	6.02E-08	5.57E-06	0.00E+00	5.56E-09	0.00E+00	1.28E-10	2.06E-07	0.00E+00	0.00E+00	5.57E-06
5149	ALL	462459.3	3774019	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.27E-10	1.27E-10	5.98E-08	5.53E-06	0.00E+00	5.52E-09	0.00E+00	1.27E-10	2.05E-07	0.00E+00	0.00E+00	5.53E-06
5150	ALL	462450.7	3774016	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.93E-08	5.50E-06	0.00E+00	5.48E-09	0.00E+00	1.26E-10	2.03E-07	0.00E+00	0.00E+00	5.50E-06
5151	ALL	462442	3774012	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.90E-08	5.48E-06	0.00E+00	5.45E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	5.48E-06
5152	ALL	462433.4	3774009	NonCancer	0.00E+00	1.76E-09	0.00E+00	1.25E-10	1.25E-10	5.88E-08	5.46E-06	0.00E+00	5.42E-09	0.00E+00	1.25E-10	2.01E-07	0.00E+00	0.00E+00	5.46E-06
5153	ALL	462424.7	3774005	NonCancer	0.00E+00	1.75E-09	0.00E+00	1.24E-10	1.24E-10	5.85E-08	5.44E-06	0.00E+00	5.40E-09	0.00E+00	1.24E-10	2.00E-07	0.00E+00	0.00E+00	5.44E-06
5154	ALL	462416.1	3774001	NonCancer	0.00E+00	1.75E-09	0.00E+00	1.23E-10	1.23E-10	5.82E-08	5.42E-06	0.00E+00	5.37E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	5.42E-06
5155	ALL	462407.4	3773998	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.79E-08	5.40E-06	0.00E+00	5.35E-09	0.00E+00	1.23E-10	1.98E-07	0.00E+00	0.00E+00	5.40E-06
5156	ALL	462398.8	3773994	NonCancer	0.00E+00	1.73E-09	0.00E+00	1.22E-10	1.22E-10	5.76E-08	5.38E-06	0.00E+00	5.32E-09	0.00E+00	1.22E-10	1.97E-07	0.00E+00	0.00E+00	5.38E-06
5157	ALL	462390.2	3773991	NonCancer	0.00E+00	1.71E-09	0.00E+00	1.21E-10	1.21E-10	5.70E-08	5.32E-06	0.00E+00	5.26E-09	0.00E+00	1.21E-10	1.95E-07	0.00E+00	0.00E+00	5.32E-06
5158	ALL	462381.5	3773987	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.19E-10	1.19E-10	5.62E-08	5.25E-06	0.00E+00	5.19E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.25E-06
5159	ALL	462372.9	3773984	NonCancer	0.00E+00	1.66E-09	0.00E+00	1.18E-10	1.18E-10	5.55E-08	5.19E-06	0.00E+00	5.12E-09	0.00E+00	1.18E-10	1.90E-07	0.00E+00	0.00E+00	5.19E-06
5160	ALL	462364.2	3773980	NonCancer	0.00E+00	1.65E-09	0.00E+00	1.17E-10	1.17E-10	5.51E-08	5.16E-06	0.00E+00	5.09E-09	0.00E+00	1.17E-10	1.89E-07	0.00E+00	0.00E+00	5.16E-06
5161	ALL	462355.6	3773977	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.48E-08	5.14E-06	0.00E+00	5.06E-09	0.00E+00	1.16E-10	1.88E-07	0.00E+00	0.00E+00	5.14E-06
5162	ALL	462346.9	3773973	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.46E-08	5.12E-06	0.00E+00	5.04E-09	0.00E+00	1.16E-10	1.87E-07	0.00E+00	0.00E+00	5.12E-06
5163	ALL	462338.3	3773969	NonCancer	0.00E+00	1.63E-09	0.00E+00	1.15E-10	1.15E-10	5.43E-08	5.10E-06	0.00E+00	5.01E-09	0.00E+00	1.15E-10	1.86E-07	0.00E+00	0.00E+00	5.10E-06
5164	ALL	462329.6	3773966	NonCancer	0.00E+00	1.62E-09	0.00E+00	1.15E-10	1.15E-10	5.41E-08	5.08E-06	0.00E+00	4.99E-09	0.00E+00	1.15E-10	1.85E-07	0.00E+00	0.00E+00	5.08E-06
5165	ALL	462321	3773962	NonCancer	0.00E+00	1.61E-09	0.00E+00	1.14E-10	1.14E-10	5.38E-08	5.06E-06	0.00E+00	4.97E-09	0.00E+00	1.14E-10	1.84E-07	0.00E+00	0.00E+00	5.06E-06
5166	ALL	462206.2	3773843	NonCancer	0.00E+00	1.56E-09	0.00E+00	1.10E-10	1.10E-10	5.21E-08	4.98E-06	0.00E+00	4.81E-09	0.00E+00	1.10E-10	1.78E-07	0.00E+00	0.00E+00	4.98E-06
5167	ALL	462202.6	3773834	NonCancer	0.00E+00	1.57E-09	0.00E+00	1.11E-10	1.11E-10	5.22E-08	5.00E-06	0.00E+00	4.82E-09	0.00E+00	1.11E-10	1.79E-07	0.00E+00	0.00E+00	5.00E-06
5168	ALL	462199	3773826	NonCancer	0.00E+00	1.58E-09	0.00E+00	1.11E-10	1.11E-10	5.26E-08	5.04E-06	0.00E+00	4.85E-09	0.00E+00	1.11E-10	1.80E-07	0.00E+00	0.00E+00	5.04E-06
5169	ALL	462195.3	3773817	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.12E-10	1.12E-10	5.29E-08	5.08E-06	0.00E+00	4.89E-09	0.00E+00	1.12E-10	1.81E-07	0.00E+00	0.00E+00	5.08E-06
5170	ALL	462191.7	3773808	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.33E-08	5.12E-06	0.00E+00	4.92E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.12E-06
5171	ALL	462188	3773800	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.33E-08	5.13E-06	0.00E+00	4.92E-09	0.00E+00	1.13E-10	1.83E-07	0.00E+00	0.00E+00	5.13E-06
5172	ALL	462184.4	3773791	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.33E-08	5.13E-06	0.00E+00	4.92E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.13E-06
5173	ALL	462180.8	3773782	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.33E-08	5.14E-06	0.00E+00	4.92E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.14E-06
5174	ALL	462177.1	3773774	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.34E-08	5.15E-06	0.00E+00	4.93E-09	0.00E+00	1.13E-10	1.83E-07	0.00E+00	0.00E+00	5.15E-06
5175	ALL	462173.5	3773765	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.34E-08	5.15E-06	0.00E+00	4.93E-09	0.00E+00	1.13E-10	1.83E-07	0.00E+00	0.00E+00	5.15E-06
5176	ALL	462169.9	3773757	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.33E-08	5.16E-06	0.00E+00	4.92E-09	0.00E+00	1.13E-10	1.83E-07	0.00E+00	0.00E+00	5.16E-06
5177	ALL	462166.2	3773748	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.33E-08	5.16E-06	0.00E+00	4.92E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.16E-06
5178	ALL	462162.6	3773739	NonCancer	0.00E+00	1.61E-09	0.00E+00	1.14E-10	1.14E-10	5.36E-08	5.19E-06	0.00E+00	4.95E-09	0.00E+00	1.14E-10	1.83E-07	0.00E+00	0.00E+00	5.19E-06
5179	ALL	462159	3773731	NonCancer	0.00E+00	1.62E-09	0.00E+00	1.14E-10	1.14E-10	5.39E-08	5.23E-06	0.00E+00	4.97E-09	0.00E+00	1.14E-10	1.84E-07	0.00E+00	0.00E+00	5.23E-06
5180	ALL	462144.4	3773696	NonCancer	0.00E+00	1.63E-09	0.00E+00	1.15E-10	1.15E-10	5.43E-08	5.29E-06	0.00E+00	5.01E-09	0.00E+00	1.15E-10	1.86E-07	0.00E+00	0.00E+00	5.29E-06
5181	ALL	462140.8	3773688	NonCancer	0.00E+00	1.63E-09	0.00E+00	1.15E-10	1.15E-10	5.43E-08	5.29E-06	0.00E+00	5.01E-09	0.00E+00	1.15E-10	1.86E-07	0.00E+00	0.00E+00	5.29E-06
5182	ALL	462137.1	3773679	NonCancer	0.00E+00	1.63E-09	0.00E+00	1.15E-10	1.15E-10	5.45E-08	5.32E-06	0.00E+00	5.03E-09	0.00E+00	1.15E-10	1.86E-07	0.00E+00	0.00E+00	5.32E-06

5183	ALL	462133.5	3773671	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.48E-08	5.35E-06	0.00E+00	5.06E-09	0.00E+00	1.16E-10	1.88E-07	0.00E+00	0.00E+00	5.35E-06
5184	ALL	462042.6	3773455	NonCancer	0.00E+00	1.67E-09	0.00E+00	1.18E-10	1.18E-10	5.58E-08	5.59E-06	0.00E+00	5.16E-09	0.00E+00	1.18E-10	1.91E-07	0.00E+00	0.00E+00	5.59E-06
5185	ALL	462039	3773447	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.59E-08	5.61E-06	0.00E+00	5.16E-09	0.00E+00	1.19E-10	1.91E-07	0.00E+00	0.00E+00	5.61E-06
5186	ALL	462035.3	3773438	NonCancer	0.00E+00	1.67E-09	0.00E+00	1.18E-10	1.18E-10	5.57E-08	5.58E-06	0.00E+00	5.14E-09	0.00E+00	1.18E-10	1.91E-07	0.00E+00	0.00E+00	5.58E-06
5187	ALL	462031.7	3773429	NonCancer	0.00E+00	1.66E-09	0.00E+00	1.18E-10	1.18E-10	5.55E-08	5.57E-06	0.00E+00	5.12E-09	0.00E+00	1.18E-10	1.90E-07	0.00E+00	0.00E+00	5.57E-06
5188	ALL	462028	3773421	NonCancer	0.00E+00	1.66E-09	0.00E+00	1.17E-10	1.17E-10	5.54E-08	5.56E-06	0.00E+00	5.11E-09	0.00E+00	1.17E-10	1.90E-07	0.00E+00	0.00E+00	5.56E-06
5189	ALL	462024.4	3773412	NonCancer	0.00E+00	1.66E-09	0.00E+00	1.17E-10	1.17E-10	5.52E-08	5.55E-06	0.00E+00	5.10E-09	0.00E+00	1.17E-10	1.89E-07	0.00E+00	0.00E+00	5.55E-06
5190	ALL	462020.8	3773404	NonCancer	0.00E+00	1.65E-09	0.00E+00	1.17E-10	1.17E-10	5.51E-08	5.53E-06	0.00E+00	5.08E-09	0.00E+00	1.17E-10	1.88E-07	0.00E+00	0.00E+00	5.53E-06
5191	ALL	462017.1	3773395	NonCancer	0.00E+00	1.65E-09	0.00E+00	1.16E-10	1.16E-10	5.49E-08	5.51E-06	0.00E+00	5.07E-09	0.00E+00	1.16E-10	1.88E-07	0.00E+00	0.00E+00	5.51E-06
5192	ALL	462013.5	3773386	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.47E-08	5.50E-06	0.00E+00	5.05E-09	0.00E+00	1.16E-10	1.87E-07	0.00E+00	0.00E+00	5.50E-06
5193	ALL	462009.9	3773378	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.47E-08	5.51E-06	0.00E+00	5.05E-09	0.00E+00	1.16E-10	1.87E-07	0.00E+00	0.00E+00	5.51E-06
5194	ALL	462006.2	3773369	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.48E-08	5.52E-06	0.00E+00	5.06E-09	0.00E+00	1.16E-10	1.88E-07	0.00E+00	0.00E+00	5.52E-06
5195	ALL	462002.6	3773361	NonCancer	0.00E+00	1.65E-09	0.00E+00	1.16E-10	1.16E-10	5.49E-08	5.54E-06	0.00E+00	5.07E-09	0.00E+00	1.16E-10	1.88E-07	0.00E+00	0.00E+00	5.54E-06
5196	ALL	461999	3773352	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.48E-08	5.53E-06	0.00E+00	5.06E-09	0.00E+00	1.16E-10	1.88E-07	0.00E+00	0.00E+00	5.53E-06
5197	ALL	461995.3	3773343	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.46E-08	5.51E-06	0.00E+00	5.04E-09	0.00E+00	1.16E-10	1.87E-07	0.00E+00	0.00E+00	5.51E-06
5198	ALL	461991.7	3773335	NonCancer	0.00E+00	1.63E-09	0.00E+00	1.15E-10	1.15E-10	5.44E-08	5.49E-06	0.00E+00	5.02E-09	0.00E+00	1.15E-10	1.86E-07	0.00E+00	0.00E+00	5.49E-06
5199	ALL	461988	3773326	NonCancer	0.00E+00	1.62E-09	0.00E+00	1.15E-10	1.15E-10	5.42E-08	5.47E-06	0.00E+00	5.00E-09	0.00E+00	1.15E-10	1.85E-07	0.00E+00	0.00E+00	5.47E-06
5200	ALL	461984.4	3773317	NonCancer	0.00E+00	1.62E-09	0.00E+00	1.15E-10	1.15E-10	5.41E-08	5.48E-06	0.00E+00	4.99E-09	0.00E+00	1.15E-10	1.85E-07	0.00E+00	0.00E+00	5.48E-06
5201	ALL	461980.8	3773309	NonCancer	0.00E+00	1.62E-09	0.00E+00	1.14E-10	1.14E-10	5.40E-08	5.48E-06	0.00E+00	4.99E-09	0.00E+00	1.14E-10	1.85E-07	0.00E+00	0.00E+00	5.48E-06
5202	ALL	461977.1	3773300	NonCancer	0.00E+00	1.62E-09	0.00E+00	1.14E-10	1.14E-10	5.40E-08	5.48E-06	0.00E+00	4.98E-09	0.00E+00	1.14E-10	1.85E-07	0.00E+00	0.00E+00	5.48E-06
5203	ALL	461973.5	3773292	NonCancer	0.00E+00	1.61E-09	0.00E+00	1.14E-10	1.14E-10	5.38E-08	5.46E-06	0.00E+00	4.97E-09	0.00E+00	1.14E-10	1.84E-07	0.00E+00	0.00E+00	5.46E-06
5204	ALL	461969.9	3773283	NonCancer	0.00E+00	1.61E-09	0.00E+00	1.13E-10	1.13E-10	5.35E-08	5.44E-06	0.00E+00	4.94E-09	0.00E+00	1.13E-10	1.83E-07	0.00E+00	0.00E+00	5.44E-06
5205	ALL	462917.5	3774248	NonCancer	0.00E+00	2.55E-09	0.00E+00	1.80E-10	1.80E-10	8.49E-08	7.25E-06	0.00E+00	7.84E-09	0.00E+00	1.80E-10	2.91E-07	0.00E+00	0.00E+00	7.25E-06
5206	ALL	462908.8	3774244	NonCancer	0.00E+00	2.52E-09	0.00E+00	1.78E-10	1.78E-10	8.41E-08	7.19E-06	0.00E+00	7.76E-09	0.00E+00	1.78E-10	2.88E-07	0.00E+00	0.00E+00	7.19E-06
5207	ALL	462900.2	3774241	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.30E-08	7.10E-06	0.00E+00	7.66E-09	0.00E+00	1.76E-10	2.84E-07	0.00E+00	0.00E+00	7.10E-06
5208	ALL	462891.5	3774237	NonCancer	0.00E+00	2.46E-09	0.00E+00	1.74E-10	1.74E-10	8.20E-08	7.04E-06	0.00E+00	7.57E-09	0.00E+00	1.74E-10	2.81E-07	0.00E+00	0.00E+00	7.04E-06
5209	ALL	462882.9	3774234	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.72E-10	1.72E-10	8.13E-08	6.98E-06	0.00E+00	7.50E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	6.98E-06
5210	ALL	462874.2	3774230	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.07E-08	6.94E-06	0.00E+00	7.45E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	6.94E-06
5211	ALL	462865.5	3774226	NonCancer	0.00E+00	2.40E-09	0.00E+00	1.70E-10	1.70E-10	8.02E-08	6.91E-06	0.00E+00	7.40E-09	0.00E+00	1.70E-10	2.74E-07	0.00E+00	0.00E+00	6.91E-06
5212	ALL	462856.9	3774223	NonCancer	0.00E+00	2.38E-09	0.00E+00	1.68E-10	1.68E-10	7.95E-08	6.86E-06	0.00E+00	7.34E-09	0.00E+00	1.68E-10	2.72E-07	0.00E+00	0.00E+00	6.86E-06
5213	ALL	462848.2	3774219	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.87E-08	6.80E-06	0.00E+00	7.27E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	6.80E-06
5214	ALL	462839.6	3774216	NonCancer	0.00E+00	2.34E-09	0.00E+00	1.65E-10	1.65E-10	7.80E-08	6.75E-06	0.00E+00	7.20E-09	0.00E+00	1.65E-10	2.67E-07	0.00E+00	0.00E+00	6.75E-06
5215	ALL	462830.9	3774212	NonCancer	0.00E+00	2.32E-09	0.00E+00	1.64E-10	1.64E-10	7.73E-08	6.71E-06	0.00E+00	7.14E-09	0.00E+00	1.64E-10	2.65E-07	0.00E+00	0.00E+00	6.71E-06
5216	ALL	462822.3	3774209	NonCancer	0.00E+00	2.30E-09	0.00E+00	1.62E-10	1.62E-10	7.66E-08	6.66E-06	0.00E+00	7.07E-09	0.00E+00	1.62E-10	2.62E-07	0.00E+00	0.00E+00	6.66E-06
5217	ALL	462813.6	3774205	NonCancer	0.00E+00	2.28E-09	0.00E+00	1.61E-10	1.61E-10	7.60E-08	6.61E-06	0.00E+00	7.01E-09	0.00E+00	1.61E-10	2.60E-07	0.00E+00	0.00E+00	6.61E-06
5218	ALL	462805	3774202	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.60E-10	1.60E-10	7.53E-08	6.56E-06	0.00E+00	6.95E-09	0.00E+00	1.60E-10	2.58E-07	0.00E+00	0.00E+00	6.56E-06
5219	ALL	462796.3	3774198	NonCancer	0.00E+00	2.24E-09	0.00E+00	1.58E-10	1.58E-10	7.47E-08	6.52E-06	0.00E+00	6.89E-09	0.00E+00	1.58E-10	2.56E-07	0.00E+00	0.00E+00	6.52E-06
5220	ALL	462787.7	3774194	NonCancer	0.00E+00	2.22E-09	0.00E+00	1.57E-10	1.57E-10	7.42E-08	6.49E-06	0.00E+00	6.85E-09	0.00E+00	1.57E-10	2.54E-07	0.00E+00	0.00E+00	6.49E-06
5221	ALL	462779	3774191	NonCancer	0.00E+00	2.21E-09	0.00E+00	1.56E-10	1.56E-10	7.36E-08	6.45E-06	0.00E+00	6.80E-09	0.00E+00	1.56E-10	2.52E-07	0.00E+00	0.00E+00	6.45E-06
5222	ALL	462770.4	3774187	NonCancer	0.00E+00	2.19E-09	0.00E+00	1.55E-10	1.55E-10	7.30E-08	6.41E-06	0.00E+00	6.74E-09	0.00E+00	1.55E-10	2.50E-07	0.00E+00	0.00E+00	6.41E-06
5223	ALL	462761.7	3774184	NonCancer	0.00E+00	2.17E-09	0.00E+00	1.53E-10	1.53E-10	7.23E-08	6.35E-06	0.00E+00	6.67E-09	0.00E+00	1.53E-10	2.47E-07	0.00E+00	0.00E+00	6.35E-06
5224	ALL	462753	3774180	NonCancer	0.00E+00	2.15E-09	0.00E+00	1.52E-10	1.52E-10	7.16E-08	6.31E-06	0.00E+00	6.61E-09	0.00E+00	1.52E-10	2.45E-07	0.00E+00	0.00E+00	6.31E-06
5225	ALL	462744.4	3774177	NonCancer	0.00E+00	2.13E-09	0.00E+00	1.51E-10	1.51E-10	7.10E-08	6.26E-06	0.00E+00	6.56E-09	0.00E+00	1.51E-10	2.43E-07	0.00E+00	0.00E+00	6.26E-06
5226	ALL	462735.7	3774173	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.05E-08	6.22E-06	0.00E+00	6.51E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	6.22E-06
5227	ALL	462727.1	3774169	NonCancer	0.00E+00	2.10E-09	0.00E+00	1.48E-10	1.48E-10	6.99E-08	6.18E-06	0.00E+00	6.45E-09	0.00E+00	1.48E-10	2.39E-07	0.00E+00	0.00E+00	6.18E-06
5228	ALL	462718.4	3774166	NonCancer	0.00E+00	2.08E-09	0.00E+00	1.47E-10	1.47E-10	6.94E-08	6.15E-06	0.00E+00	6.41E-09	0.00E+00	1.47E-10	2.37E-07	0.00E+00	0.00E+00	6.15E-06
5229	ALL	462709.8	3774162	NonCancer	0.00E+00	2.07E-09	0.00E+00	1.46E-10	1.46E-10	6.90E-08	6.13E-06	0.00E+00	6.37E-09	0.00E+00	1.46E-10	2.36E-07	0.00E+00	0.00E+00	6.13E-06
5230	ALL	462701.1	3774159	NonCancer	0.00E+00	2.06E-09	0.00E+00	1.46E-10	1.46E-10	6.87E-08	6.11E-06	0.00E+00	6.34E-09	0.00E+00	1.46E-10	2.35E-07	0.00E+00	0.00E+00	6.11E-06
5231	ALL	462692.5	3774155	NonCancer	0.00E+00	2.05E-09	0.00E+00	1.45E-10	1.45E-10	6.83E-08	6.08E-06	0.00E+00	6.31E-09	0.00E+00	1.45E-10	2.34E-07	0.00E+00	0.00E+00	6.08E-06
5232	ALL	462683.8	3774152	NonCancer	0.00E+00	2.04E-09	0.00E+00	1.44E-10	1.44E-10	6.80E-08	6.06E-06	0.00E+00	6.28E-09	0.00E+00	1.44E-10	2.33E-07	0.00E+00	0.00E+00	6.06E-06
5233	ALL	462675.2	3774148	NonCancer	0.00E+00	2.03E-09	0.00E+00	1.43E-10	1.43E-10	6.77E-08	6.04E-06	0.00E+00	6.25E-09	0.00E+00	1.43E-10	2.32E-07	0.00E+00	0.00E+00	6.04E-06
5234	ALL	462666.5	3774145	NonCancer	0.00E+00	2.02E-09	0.00E+00	1.43E-10	1.43E-10	6.73E-08	6.02E-06	0.00E+00	6.22E-09	0.00E+00	1.43E-10	2.30E-07	0.00E+00	0.00E+00	6.02E-06
5235	ALL	462657.8	3774141	NonCancer	0.00E+00	2.01E-09	0.00E+00	1.42E-10	1.42E-10	6.70E-08	6.00E-06	0.00E+00	6.19E-09	0.00E+00	1.42E-10	2.29E-07	0.00E+00	0.00E+00	6.00E-06
5236	ALL	462649.2	3774137	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.41E-10	1.41E-10	6.67E-08	5.98E-06	0.00E+00	6.16E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	5.98E-06

5237	ALL	462640.5	3774134	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.40E-10	1.40E-10	6.62E-08	5.95E-06	0.00E+00	6.11E-09	0.00E+00	1.40E-10	2.27E-07	0.00E+00	0.00E+00	5.95E-06
5238	ALL	462631.9	3774130	NonCancer	0.00E+00	1.97E-09	0.00E+00	1.39E-10	1.39E-10	6.57E-08	5.91E-06	0.00E+00	6.07E-09	0.00E+00	1.39E-10	2.25E-07	0.00E+00	0.00E+00	5.91E-06
5239	ALL	462605.9	3774120	NonCancer	0.00E+00	1.93E-09	0.00E+00	1.36E-10	1.36E-10	6.42E-08	5.80E-06	0.00E+00	5.93E-09	0.00E+00	1.36E-10	2.20E-07	0.00E+00	0.00E+00	5.80E-06
5240	ALL	462597.3	3774116	NonCancer	0.00E+00	1.91E-09	0.00E+00	1.35E-10	1.35E-10	6.37E-08	5.76E-06	0.00E+00	5.88E-09	0.00E+00	1.35E-10	2.18E-07	0.00E+00	0.00E+00	5.76E-06
5241	ALL	462588.6	3774112	NonCancer	0.00E+00	1.90E-09	0.00E+00	1.34E-10	1.34E-10	6.32E-08	5.73E-06	0.00E+00	5.84E-09	0.00E+00	1.34E-10	2.16E-07	0.00E+00	0.00E+00	5.73E-06
5242	ALL	462580	3774109	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.27E-08	5.69E-06	0.00E+00	5.79E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	5.69E-06
5243	ALL	462571.3	3774105	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.23E-08	5.66E-06	0.00E+00	5.75E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	5.66E-06
5244	ALL	462562.7	3774102	NonCancer	0.00E+00	1.86E-09	0.00E+00	1.31E-10	1.31E-10	6.20E-08	5.64E-06	0.00E+00	5.73E-09	0.00E+00	1.31E-10	2.12E-07	0.00E+00	0.00E+00	5.64E-06
5245	ALL	462554	3774098	NonCancer	0.00E+00	1.85E-09	0.00E+00	1.31E-10	1.31E-10	6.17E-08	5.62E-06	0.00E+00	5.70E-09	0.00E+00	1.31E-10	2.11E-07	0.00E+00	0.00E+00	5.62E-06
5246	ALL	462545.3	3774095	NonCancer	0.00E+00	1.84E-09	0.00E+00	1.30E-10	1.30E-10	6.14E-08	5.59E-06	0.00E+00	5.66E-09	0.00E+00	1.30E-10	2.10E-07	0.00E+00	0.00E+00	5.59E-06
5247	ALL	462536.7	3774091	NonCancer	0.00E+00	1.82E-09	0.00E+00	1.29E-10	1.29E-10	6.08E-08	5.55E-06	0.00E+00	5.62E-09	0.00E+00	1.29E-10	2.08E-07	0.00E+00	0.00E+00	5.55E-06
5248	ALL	462528	3774088	NonCancer	0.00E+00	1.81E-09	0.00E+00	1.28E-10	1.28E-10	6.02E-08	5.50E-06	0.00E+00	5.56E-09	0.00E+00	1.28E-10	2.06E-07	0.00E+00	0.00E+00	5.50E-06
5249	ALL	462519.4	3774084	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.95E-08	5.44E-06	0.00E+00	5.49E-09	0.00E+00	1.26E-10	2.04E-07	0.00E+00	0.00E+00	5.44E-06
5250	ALL	462415.5	3774041	NonCancer	0.00E+00	1.67E-09	0.00E+00	1.18E-10	1.18E-10	5.57E-08	5.17E-06	0.00E+00	5.15E-09	0.00E+00	1.18E-10	1.91E-07	0.00E+00	0.00E+00	5.17E-06
5251	ALL	462406.9	3774038	NonCancer	0.00E+00	1.66E-09	0.00E+00	1.17E-10	1.17E-10	5.53E-08	5.13E-06	0.00E+00	5.11E-09	0.00E+00	1.17E-10	1.89E-07	0.00E+00	0.00E+00	5.13E-06
5252	ALL	462398.2	3774034	NonCancer	0.00E+00	1.64E-09	0.00E+00	1.16E-10	1.16E-10	5.48E-08	5.09E-06	0.00E+00	5.06E-09	0.00E+00	1.16E-10	1.88E-07	0.00E+00	0.00E+00	5.09E-06
5253	ALL	462389.6	3774031	NonCancer	0.00E+00	1.63E-09	0.00E+00	1.15E-10	1.15E-10	5.42E-08	5.04E-06	0.00E+00	5.01E-09	0.00E+00	1.15E-10	1.86E-07	0.00E+00	0.00E+00	5.04E-06
5254	ALL	462380.9	3774027	NonCancer	0.00E+00	1.61E-09	0.00E+00	1.14E-10	1.14E-10	5.38E-08	5.00E-06	0.00E+00	4.96E-09	0.00E+00	1.14E-10	1.84E-07	0.00E+00	0.00E+00	5.00E-06
5255	ALL	462372.3	3774023	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.33E-08	4.97E-06	0.00E+00	4.93E-09	0.00E+00	1.13E-10	1.83E-07	0.00E+00	0.00E+00	4.97E-06
5256	ALL	462363.6	3774020	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.12E-10	1.12E-10	5.31E-08	4.95E-06	0.00E+00	4.90E-09	0.00E+00	1.12E-10	1.82E-07	0.00E+00	0.00E+00	4.95E-06
5257	ALL	462355	3774016	NonCancer	0.00E+00	1.58E-09	0.00E+00	1.12E-10	1.12E-10	5.28E-08	4.93E-06	0.00E+00	4.88E-09	0.00E+00	1.12E-10	1.81E-07	0.00E+00	0.00E+00	4.93E-06
5258	ALL	462346.3	3774013	NonCancer	0.00E+00	1.57E-09	0.00E+00	1.11E-10	1.11E-10	5.24E-08	4.90E-06	0.00E+00	4.84E-09	0.00E+00	1.11E-10	1.80E-07	0.00E+00	0.00E+00	4.90E-06
5259	ALL	462337.6	3774009	NonCancer	0.00E+00	1.56E-09	0.00E+00	1.10E-10	1.10E-10	5.21E-08	4.86E-06	0.00E+00	4.81E-09	0.00E+00	1.10E-10	1.78E-07	0.00E+00	0.00E+00	4.86E-06
5260	ALL	462329	3774006	NonCancer	0.00E+00	1.55E-09	0.00E+00	1.09E-10	1.09E-10	5.17E-08	4.83E-06	0.00E+00	4.77E-09	0.00E+00	1.09E-10	1.77E-07	0.00E+00	0.00E+00	4.83E-06
5261	ALL	462320.3	3774002	NonCancer	0.00E+00	1.54E-09	0.00E+00	1.09E-10	1.09E-10	5.13E-08	4.80E-06	0.00E+00	4.73E-09	0.00E+00	1.09E-10	1.75E-07	0.00E+00	0.00E+00	4.80E-06
5262	ALL	462211.4	3773950	NonCancer	0.00E+00	1.41E-09	0.00E+00	9.96E-11	9.96E-11	4.70E-08	4.44E-06	0.00E+00	4.34E-09	0.00E+00	9.96E-11	1.61E-07	0.00E+00	0.00E+00	4.44E-06
5263	ALL	462207.8	3773941	NonCancer	0.00E+00	1.42E-09	0.00E+00	1.00E-10	1.00E-10	4.74E-08	4.48E-06	0.00E+00	4.38E-09	0.00E+00	1.00E-10	1.62E-07	0.00E+00	0.00E+00	4.48E-06
5264	ALL	462204.1	3773933	NonCancer	0.00E+00	1.43E-09	0.00E+00	1.01E-10	1.01E-10	4.78E-08	4.53E-06	0.00E+00	4.41E-09	0.00E+00	1.01E-10	1.64E-07	0.00E+00	0.00E+00	4.53E-06
5265	ALL	462200.5	3773924	NonCancer	0.00E+00	1.44E-09	0.00E+00	1.02E-10	1.02E-10	4.81E-08	4.56E-06	0.00E+00	4.44E-09	0.00E+00	1.02E-10	1.65E-07	0.00E+00	0.00E+00	4.56E-06
5266	ALL	462196.8	3773916	NonCancer	0.00E+00	1.44E-09	0.00E+00	1.02E-10	1.02E-10	4.81E-08	4.57E-06	0.00E+00	4.44E-09	0.00E+00	1.02E-10	1.65E-07	0.00E+00	0.00E+00	4.57E-06
5267	ALL	462193.2	3773907	NonCancer	0.00E+00	1.44E-09	0.00E+00	1.02E-10	1.02E-10	4.82E-08	4.57E-06	0.00E+00	4.45E-09	0.00E+00	1.02E-10	1.65E-07	0.00E+00	0.00E+00	4.57E-06
5268	ALL	462189.6	3773898	NonCancer	0.00E+00	1.45E-09	0.00E+00	1.02E-10	1.02E-10	4.82E-08	4.58E-06	0.00E+00	4.45E-09	0.00E+00	1.02E-10	1.65E-07	0.00E+00	0.00E+00	4.58E-06
5269	ALL	462185.9	3773890	NonCancer	0.00E+00	1.45E-09	0.00E+00	1.03E-10	1.03E-10	4.85E-08	4.61E-06	0.00E+00	4.47E-09	0.00E+00	1.03E-10	1.66E-07	0.00E+00	0.00E+00	4.61E-06
5270	ALL	462182.3	3773881	NonCancer	0.00E+00	1.46E-09	0.00E+00	1.03E-10	1.03E-10	4.87E-08	4.64E-06	0.00E+00	4.50E-09	0.00E+00	1.03E-10	1.67E-07	0.00E+00	0.00E+00	4.64E-06
5271	ALL	462171.4	3773855	NonCancer	0.00E+00	1.47E-09	0.00E+00	1.04E-10	1.04E-10	4.91E-08	4.69E-06	0.00E+00	4.53E-09	0.00E+00	1.04E-10	1.68E-07	0.00E+00	0.00E+00	4.69E-06
5272	ALL	462167.7	3773847	NonCancer	0.00E+00	1.48E-09	0.00E+00	1.04E-10	1.04E-10	4.93E-08	4.71E-06	0.00E+00	4.55E-09	0.00E+00	1.04E-10	1.69E-07	0.00E+00	0.00E+00	4.71E-06
5273	ALL	462164.1	3773838	NonCancer	0.00E+00	1.49E-09	0.00E+00	1.05E-10	1.05E-10	4.96E-08	4.74E-06	0.00E+00	4.58E-09	0.00E+00	1.05E-10	1.70E-07	0.00E+00	0.00E+00	4.74E-06
5274	ALL	462160.4	3773829	NonCancer	0.00E+00	1.49E-09	0.00E+00	1.05E-10	1.05E-10	4.97E-08	4.76E-06	0.00E+00	4.58E-09	0.00E+00	1.05E-10	1.70E-07	0.00E+00	0.00E+00	4.76E-06
5275	ALL	462156.8	3773821	NonCancer	0.00E+00	1.49E-09	0.00E+00	1.05E-10	1.05E-10	4.96E-08	4.76E-06	0.00E+00	4.58E-09	0.00E+00	1.05E-10	1.70E-07	0.00E+00	0.00E+00	4.76E-06
5276	ALL	462153.2	3773812	NonCancer	0.00E+00	1.49E-09	0.00E+00	1.05E-10	1.05E-10	4.96E-08	4.76E-06	0.00E+00	4.58E-09	0.00E+00	1.05E-10	1.70E-07	0.00E+00	0.00E+00	4.76E-06
5277	ALL	462149.5	3773804	NonCancer	0.00E+00	1.49E-09	0.00E+00	1.05E-10	1.05E-10	4.98E-08	4.78E-06	0.00E+00	4.59E-09	0.00E+00	1.05E-10	1.70E-07	0.00E+00	0.00E+00	4.78E-06
5278	ALL	462145.9	3773795	NonCancer	0.00E+00	1.50E-09	0.00E+00	1.06E-10	1.06E-10	5.01E-08	4.82E-06	0.00E+00	4.62E-09	0.00E+00	1.06E-10	1.71E-07	0.00E+00	0.00E+00	4.82E-06
5279	ALL	462127.7	3773752	NonCancer	0.00E+00	1.52E-09	0.00E+00	1.08E-10	1.08E-10	5.07E-08	4.90E-06	0.00E+00	4.68E-09	0.00E+00	1.08E-10	1.74E-07	0.00E+00	0.00E+00	4.90E-06
5280	ALL	462124	3773743	NonCancer	0.00E+00	1.52E-09	0.00E+00	1.08E-10	1.08E-10	5.08E-08	4.92E-06	0.00E+00	4.69E-09	0.00E+00	1.08E-10	1.74E-07	0.00E+00	0.00E+00	4.92E-06
5281	ALL	462120.4	3773735	NonCancer	0.00E+00	1.53E-09	0.00E+00	1.08E-10	1.08E-10	5.11E-08	4.95E-06	0.00E+00	4.72E-09	0.00E+00	1.08E-10	1.75E-07	0.00E+00	0.00E+00	4.95E-06
5282	ALL	462116.8	3773726	NonCancer	0.00E+00	1.54E-09	0.00E+00	1.09E-10	1.09E-10	5.14E-08	4.99E-06	0.00E+00	4.75E-09	0.00E+00	1.09E-10	1.76E-07	0.00E+00	0.00E+00	4.99E-06
5283	ALL	462105.8	3773700	NonCancer	0.00E+00	1.55E-09	0.00E+00	1.09E-10	1.09E-10	5.16E-08	5.02E-06	0.00E+00	4.77E-09	0.00E+00	1.09E-10	1.77E-07	0.00E+00	0.00E+00	5.02E-06
5284	ALL	462102.2	3773691	NonCancer	0.00E+00	1.55E-09	0.00E+00	1.09E-10	1.09E-10	5.16E-08	5.02E-06	0.00E+00	4.76E-09	0.00E+00	1.09E-10	1.77E-07	0.00E+00	0.00E+00	5.02E-06
5285	ALL	462098.6	3773683	NonCancer	0.00E+00	1.55E-09	0.00E+00	1.09E-10	1.09E-10	5.17E-08	5.03E-06	0.00E+00	4.77E-09	0.00E+00	1.09E-10	1.77E-07	0.00E+00	0.00E+00	5.03E-06
5286	ALL	462094.9	3773674	NonCancer	0.00E+00	1.56E-09	0.00E+00	1.10E-10	1.10E-10	5.19E-08	5.07E-06	0.00E+00	4.79E-09	0.00E+00	1.10E-10	1.78E-07	0.00E+00	0.00E+00	5.07E-06
5287	ALL	462091.3	3773666	NonCancer	0.00E+00	1.57E-09	0.00E+00	1.11E-10	1.11E-10	5.22E-08	5.10E-06	0.00E+00	4.82E-09	0.00E+00	1.11E-10	1.79E-07	0.00E+00	0.00E+00	5.10E-06
5288	ALL	462003.9	3773459	NonCancer	0.00E+00	1.57E-09	0.00E+00	1.11E-10	1.11E-10	5.24E-08	5.22E-06	0.00E+00	4.84E-09	0.00E+00	1.11E-10	1.79E-07	0.00E+00	0.00E+00	5.22E-06
5289	ALL	462000.3	3773450	NonCancer	0.00E+00	1.57E-09	0.00E+00	1.11E-10	1.11E-10	5.22E-08	5.21E-06	0.00E+00	4.82E-09	0.00E+00	1.11E-10	1.79E-07	0.00E+00	0.00E+00	5.21E-06
5290	ALL	461996.6	3773441	NonCancer	0.00E+00	1.56E-09	0.00E+00	1.11E-10	1.11E-10	5.22E-08	5.20E-06	0.00E+00	4.81E-09	0.00E+00	1.11E-10	1.78E-07	0.00E+00	0.00E+00	5.20E-06

5291	ALL	461993	3773433	NonCancer	0.00E+00	1.56E-09	0.00E+00	1.10E-10	1.10E-10	5.21E-08	5.20E-06	0.00E+00	4.81E-09	0.00E+00	1.10E-10	1.78E-07	0.00E+00	0.00E+00	5.20E-06
5292	ALL	461989.3	3773424	NonCancer	0.00E+00	1.56E-09	0.00E+00	1.10E-10	1.10E-10	5.20E-08	5.19E-06	0.00E+00	4.80E-09	0.00E+00	1.10E-10	1.78E-07	0.00E+00	0.00E+00	5.19E-06
5293	ALL	461985.7	3773416	NonCancer	0.00E+00	1.55E-09	0.00E+00	1.10E-10	1.10E-10	5.18E-08	5.18E-06	0.00E+00	4.78E-09	0.00E+00	1.10E-10	1.77E-07	0.00E+00	0.00E+00	5.18E-06
5294	ALL	461982.1	3773407	NonCancer	0.00E+00	1.55E-09	0.00E+00	1.10E-10	1.10E-10	5.18E-08	5.18E-06	0.00E+00	4.78E-09	0.00E+00	1.10E-10	1.77E-07	0.00E+00	0.00E+00	5.18E-06
5295	ALL	461978.4	3773398	NonCancer	0.00E+00	1.55E-09	0.00E+00	1.10E-10	1.10E-10	5.18E-08	5.19E-06	0.00E+00	4.78E-09	0.00E+00	1.10E-10	1.77E-07	0.00E+00	0.00E+00	5.19E-06
5296	ALL	461974.8	3773390	NonCancer	0.00E+00	1.56E-09	0.00E+00	1.10E-10	1.10E-10	5.19E-08	5.20E-06	0.00E+00	4.79E-09	0.00E+00	1.10E-10	1.78E-07	0.00E+00	0.00E+00	5.20E-06
5297	ALL	461971.1	3773381	NonCancer	0.00E+00	1.56E-09	0.00E+00	1.10E-10	1.10E-10	5.19E-08	5.21E-06	0.00E+00	4.79E-09	0.00E+00	1.10E-10	1.78E-07	0.00E+00	0.00E+00	5.21E-06
5298	ALL	461967.5	3773372	NonCancer	0.00E+00	1.56E-09	0.00E+00	1.10E-10	1.10E-10	5.20E-08	5.23E-06	0.00E+00	4.80E-09	0.00E+00	1.10E-10	1.78E-07	0.00E+00	0.00E+00	5.23E-06
5299	ALL	461963.9	3773364	NonCancer	0.00E+00	1.56E-09	0.00E+00	1.10E-10	1.10E-10	5.21E-08	5.24E-06	0.00E+00	4.81E-09	0.00E+00	1.10E-10	1.78E-07	0.00E+00	0.00E+00	5.24E-06
5300	ALL	461960.2	3773355	NonCancer	0.00E+00	1.56E-09	0.00E+00	1.10E-10	1.10E-10	5.21E-08	5.25E-06	0.00E+00	4.81E-09	0.00E+00	1.10E-10	1.78E-07	0.00E+00	0.00E+00	5.25E-06
5301	ALL	461956.6	3773347	NonCancer	0.00E+00	1.56E-09	0.00E+00	1.10E-10	1.10E-10	5.19E-08	5.23E-06	0.00E+00	4.79E-09	0.00E+00	1.10E-10	1.78E-07	0.00E+00	0.00E+00	5.23E-06
5302	ALL	461952.9	3773338	NonCancer	0.00E+00	1.55E-09	0.00E+00	1.10E-10	1.10E-10	5.17E-08	5.21E-06	0.00E+00	4.77E-09	0.00E+00	1.10E-10	1.77E-07	0.00E+00	0.00E+00	5.21E-06
5303	ALL	461949.3	3773329	NonCancer	0.00E+00	1.54E-09	0.00E+00	1.09E-10	1.09E-10	5.15E-08	5.19E-06	0.00E+00	4.75E-09	0.00E+00	1.09E-10	1.76E-07	0.00E+00	0.00E+00	5.19E-06
5304	ALL	461945.7	3773321	NonCancer	0.00E+00	1.54E-09	0.00E+00	1.09E-10	1.09E-10	5.14E-08	5.19E-06	0.00E+00	4.75E-09	0.00E+00	1.09E-10	1.76E-07	0.00E+00	0.00E+00	5.19E-06
5305	ALL	461942	3773312	NonCancer	0.00E+00	1.54E-09	0.00E+00	1.09E-10	1.09E-10	5.13E-08	5.19E-06	0.00E+00	4.74E-09	0.00E+00	1.09E-10	1.76E-07	0.00E+00	0.00E+00	5.19E-06
5306	ALL	461938.4	3773304	NonCancer	0.00E+00	1.54E-09	0.00E+00	1.09E-10	1.09E-10	5.13E-08	5.19E-06	0.00E+00	4.73E-09	0.00E+00	1.09E-10	1.76E-07	0.00E+00	0.00E+00	5.19E-06
5307	ALL	461934.7	3773295	NonCancer	0.00E+00	1.53E-09	0.00E+00	1.08E-10	1.08E-10	5.12E-08	5.19E-06	0.00E+00	4.72E-09	0.00E+00	1.08E-10	1.75E-07	0.00E+00	0.00E+00	5.19E-06
5308	ALL	461931.1	3773286	NonCancer	0.00E+00	1.53E-09	0.00E+00	1.08E-10	1.08E-10	5.10E-08	5.16E-06	0.00E+00	4.70E-09	0.00E+00	1.08E-10	1.74E-07	0.00E+00	0.00E+00	5.16E-06
5309	ALL	462929.8	3773288	NonCancer	0.00E+00	3.19E-08	0.00E+00	2.25E-09	2.25E-09	1.06E-06	1.31E-04	0.00E+00	9.82E-08	0.00E+00	2.25E-09	3.64E-06	0.00E+00	0.00E+00	1.31E-04
5310	ALL	462939.1	3773288	NonCancer	0.00E+00	3.51E-08	0.00E+00	2.48E-09	2.48E-09	1.17E-06	1.43E-04	0.00E+00	1.08E-07	0.00E+00	2.48E-09	4.01E-06	0.00E+00	0.00E+00	1.43E-04
5311	ALL	462948.5	3773288	NonCancer	0.00E+00	3.89E-08	0.00E+00	2.75E-09	2.75E-09	1.30E-06	1.57E-04	0.00E+00	1.20E-07	0.00E+00	2.75E-09	4.44E-06	0.00E+00	0.00E+00	1.57E-04
5312	ALL	462957.8	3773288	NonCancer	0.00E+00	4.33E-08	0.00E+00	3.06E-09	3.06E-09	1.45E-06	1.74E-04	0.00E+00	1.33E-07	0.00E+00	3.06E-09	4.95E-06	0.00E+00	0.00E+00	1.74E-04
5313	ALL	462967.1	3773288	NonCancer	0.00E+00	4.86E-08	0.00E+00	3.44E-09	3.44E-09	1.62E-06	1.92E-04	0.00E+00	1.50E-07	0.00E+00	3.44E-09	5.55E-06	0.00E+00	0.00E+00	1.92E-04
5314	ALL	462976.4	3773288	NonCancer	0.00E+00	5.50E-08	0.00E+00	3.88E-09	3.88E-09	1.83E-06	2.13E-04	0.00E+00	1.69E-07	0.00E+00	3.88E-09	6.27E-06	0.00E+00	0.00E+00	2.13E-04
5315	ALL	462985.8	3773288	NonCancer	0.00E+00	6.25E-08	0.00E+00	4.42E-09	4.42E-09	2.09E-06	2.38E-04	0.00E+00	1.93E-07	0.00E+00	4.42E-09	7.14E-06	0.00E+00	0.00E+00	2.38E-04
5316	ALL	462995.1	3773288	NonCancer	0.00E+00	7.14E-08	0.00E+00	5.04E-09	5.04E-09	2.38E-06	2.65E-04	0.00E+00	2.20E-07	0.00E+00	5.04E-09	8.15E-06	0.00E+00	0.00E+00	2.65E-04
5317	ALL	463004.4	3773288	NonCancer	0.00E+00	8.13E-08	0.00E+00	5.74E-09	5.74E-09	2.71E-06	2.94E-04	0.00E+00	2.50E-07	0.00E+00	5.74E-09	9.27E-06	0.00E+00	0.00E+00	2.94E-04
5318	ALL	462929.8	3773298	NonCancer	0.00E+00	2.97E-08	0.00E+00	2.10E-09	2.10E-09	9.91E-07	1.20E-04	0.00E+00	9.15E-08	0.00E+00	2.10E-09	3.39E-06	0.00E+00	0.00E+00	1.20E-04
5319	ALL	462939.1	3773298	NonCancer	0.00E+00	3.24E-08	0.00E+00	2.29E-09	2.29E-09	1.08E-06	1.30E-04	0.00E+00	9.98E-08	0.00E+00	2.29E-09	3.70E-06	0.00E+00	0.00E+00	1.30E-04
5320	ALL	462948.5	3773298	NonCancer	0.00E+00	3.55E-08	0.00E+00	2.51E-09	2.51E-09	1.18E-06	1.42E-04	0.00E+00	1.09E-07	0.00E+00	2.51E-09	4.05E-06	0.00E+00	0.00E+00	1.42E-04
5321	ALL	462957.8	3773298	NonCancer	0.00E+00	3.90E-08	0.00E+00	2.76E-09	2.76E-09	1.30E-06	1.54E-04	0.00E+00	1.20E-07	0.00E+00	2.76E-09	4.46E-06	0.00E+00	0.00E+00	1.54E-04
5322	ALL	462967.1	3773298	NonCancer	0.00E+00	4.31E-08	0.00E+00	3.05E-09	3.05E-09	1.44E-06	1.68E-04	0.00E+00	1.33E-07	0.00E+00	3.05E-09	4.92E-06	0.00E+00	0.00E+00	1.68E-04
5323	ALL	462976.4	3773298	NonCancer	0.00E+00	4.77E-08	0.00E+00	3.37E-09	3.37E-09	1.59E-06	1.84E-04	0.00E+00	1.47E-07	0.00E+00	3.37E-09	5.45E-06	0.00E+00	0.00E+00	1.84E-04
5324	ALL	462985.8	3773298	NonCancer	0.00E+00	5.30E-08	0.00E+00	3.74E-09	3.74E-09	1.77E-06	2.00E-04	0.00E+00	1.63E-07	0.00E+00	3.74E-09	6.04E-06	0.00E+00	0.00E+00	2.00E-04
5325	ALL	462995.1	3773298	NonCancer	0.00E+00	5.86E-08	0.00E+00	4.14E-09	4.14E-09	1.96E-06	2.17E-04	0.00E+00	1.81E-07	0.00E+00	4.14E-09	6.69E-06	0.00E+00	0.00E+00	2.17E-04
5326	ALL	462929.8	3773308	NonCancer	0.00E+00	2.77E-08	0.00E+00	1.96E-09	1.96E-09	9.23E-07	1.11E-04	0.00E+00	8.52E-08	0.00E+00	1.96E-09	3.16E-06	0.00E+00	0.00E+00	1.11E-04
5327	ALL	462939.1	3773308	NonCancer	0.00E+00	3.00E-08	0.00E+00	2.12E-09	2.12E-09	9.99E-07	1.19E-04	0.00E+00	9.23E-08	0.00E+00	2.12E-09	3.42E-06	0.00E+00	0.00E+00	1.19E-04
5328	ALL	462948.5	3773308	NonCancer	0.00E+00	3.25E-08	0.00E+00	2.30E-09	2.30E-09	1.08E-06	1.28E-04	0.00E+00	1.00E-07	0.00E+00	2.30E-09	3.71E-06	0.00E+00	0.00E+00	1.28E-04
5329	ALL	462957.8	3773308	NonCancer	0.00E+00	3.53E-08	0.00E+00	2.50E-09	2.50E-09	1.18E-06	1.38E-04	0.00E+00	1.09E-07	0.00E+00	2.50E-09	4.03E-06	0.00E+00	0.00E+00	1.38E-04
5330	ALL	462967.1	3773308	NonCancer	0.00E+00	3.85E-08	0.00E+00	2.72E-09	2.72E-09	1.28E-06	1.49E-04	0.00E+00	1.19E-07	0.00E+00	2.72E-09	4.39E-06	0.00E+00	0.00E+00	1.49E-04
5331	ALL	462976.4	3773308	NonCancer	0.00E+00	4.19E-08	0.00E+00	2.96E-09	2.96E-09	1.40E-06	1.60E-04	0.00E+00	1.29E-07	0.00E+00	2.96E-09	4.79E-06	0.00E+00	0.00E+00	1.60E-04
5332	ALL	462985.8	3773308	NonCancer	0.00E+00	4.57E-08	0.00E+00	3.23E-09	3.23E-09	1.52E-06	1.72E-04	0.00E+00	1.41E-07	0.00E+00	3.23E-09	5.21E-06	0.00E+00	0.00E+00	1.72E-04
5333	ALL	462995.1	3773308	NonCancer	0.00E+00	4.96E-08	0.00E+00	3.50E-09	3.50E-09	1.65E-06	1.83E-04	0.00E+00	1.53E-07	0.00E+00	3.50E-09	5.66E-06	0.00E+00	0.00E+00	1.83E-04
5334	ALL	463004.4	3773308	NonCancer	0.00E+00	5.35E-08	0.00E+00	3.78E-09	3.78E-09	1.78E-06	1.94E-04	0.00E+00	1.65E-07	0.00E+00	3.78E-09	6.10E-06	0.00E+00	0.00E+00	1.94E-04
5335	ALL	462929.8	3773318	NonCancer	0.00E+00	2.58E-08	0.00E+00	1.83E-09	1.83E-09	8.61E-07	1.02E-04	0.00E+00	7.95E-08	0.00E+00	1.83E-09	2.95E-06	0.00E+00	0.00E+00	1.02E-04
5336	ALL	462939.1	3773318	NonCancer	0.00E+00	2.77E-08	0.00E+00	1.96E-09	1.96E-09	9.25E-07	1.09E-04	0.00E+00	8.54E-08	0.00E+00	1.96E-09	3.17E-06	0.00E+00	0.00E+00	1.09E-04
5337	ALL	462948.5	3773318	NonCancer	0.00E+00	2.98E-08	0.00E+00	2.11E-09	2.11E-09	9.95E-07	1.16E-04	0.00E+00	9.19E-08	0.00E+00	2.11E-09	3.41E-06	0.00E+00	0.00E+00	1.16E-04
5338	ALL	462957.8	3773318	NonCancer	0.00E+00	3.21E-08	0.00E+00	2.27E-09	2.27E-09	1.07E-06	1.24E-04	0.00E+00	9.89E-08	0.00E+00	2.27E-09	3.67E-06	0.00E+00	0.00E+00	1.24E-04
5339	ALL	462967.1	3773318	NonCancer	0.00E+00	3.46E-08	0.00E+00	2.44E-09	2.44E-09	1.15E-06	1.32E-04	0.00E+00	1.06E-07	0.00E+00	2.44E-09	3.95E-06	0.00E+00	0.00E+00	1.32E-04
5340	ALL	462976.4	3773318	NonCancer	0.00E+00	3.72E-08	0.00E+00	2.63E-09	2.63E-09	1.24E-06	1.41E-04	0.00E+00	1.15E-07	0.00E+00	2.63E-09	4.25E-06	0.00E+00	0.00E+00	1.41E-04
5341	ALL	462985.8	3773318	NonCancer	0.00E+00	4.00E-08	0.00E+00	2.82E-09	2.82E-09	1.33E-06	1.49E-04	0.00E+00	1.23E-07	0.00E+00	2.82E-09	4.56E-06	0.00E+00	0.00E+00	1.49E-04
5342	ALL	462995.1	3773318	NonCancer	0.00E+00	4.28E-08	0.00E+00	3.02E-09	3.02E-09	1.43E-06	1.58E-04	0.00E+00	1.32E-07	0.00E+00	3.02E-09	4.88E-06	0.00E+00	0.00E+00	1.58E-04
5343	ALL	462929.8	3773328	NonCancer	0.00E+00	2.41E-08	0.00E+00	1.70E-09	1.70E-09	8.04E-07	9.43E-05	0.00E+00	7.43E-08	0.00E+00	1.70E-09	2.75E-06	0.00E+00	0.00E+00	9.43E-05
5344	ALL	462939.1	3773328	NonCancer	0.00E+00	2.57E-08	0.00E+00	1.82E-09	1.82E-09	8.58E-07	1.00E-04	0.00E+00	7.92E-08	0.00E+00	1.82E-09	2.94E-06	0.00E+00	0.00E+00	1.00E-04

5345	ALL	462948.5	3773328	NonCancer	0.00E+00	2.75E-08	0.00E+00	1.94E-09	1.94E-09	9.16E-07	1.06E-04	0.00E+00	8.46E-08	0.00E+00	1.94E-09	3.13E-06	0.00E+00	0.00E+00	1.06E-04
5346	ALL	462957.8	3773328	NonCancer	0.00E+00	2.93E-08	0.00E+00	2.07E-09	2.07E-09	9.78E-07	1.12E-04	0.00E+00	9.03E-08	0.00E+00	2.07E-09	3.35E-06	0.00E+00	0.00E+00	1.12E-04
5347	ALL	462967.1	3773328	NonCancer	0.00E+00	3.13E-08	0.00E+00	2.21E-09	2.21E-09	1.04E-06	1.19E-04	0.00E+00	9.63E-08	0.00E+00	2.21E-09	3.57E-06	0.00E+00	0.00E+00	1.19E-04
5348	ALL	462976.4	3773328	NonCancer	0.00E+00	3.33E-08	0.00E+00	2.36E-09	2.36E-09	1.11E-06	1.25E-04	0.00E+00	1.03E-07	0.00E+00	2.36E-09	3.81E-06	0.00E+00	0.00E+00	1.25E-04
5349	ALL	462985.8	3773328	NonCancer	0.00E+00	3.54E-08	0.00E+00	2.50E-09	2.50E-09	1.18E-06	1.32E-04	0.00E+00	1.09E-07	0.00E+00	2.50E-09	4.05E-06	0.00E+00	0.00E+00	1.32E-04
5350	ALL	462995.1	3773328	NonCancer	0.00E+00	3.75E-08	0.00E+00	2.65E-09	2.65E-09	1.25E-06	1.38E-04	0.00E+00	1.16E-07	0.00E+00	2.65E-09	4.28E-06	0.00E+00	0.00E+00	1.38E-04
5351	ALL	462929.8	3773338	NonCancer	0.00E+00	2.25E-08	0.00E+00	1.59E-09	1.59E-09	7.52E-07	8.72E-05	0.00E+00	6.94E-08	0.00E+00	1.59E-09	2.57E-06	0.00E+00	0.00E+00	8.72E-05
5352	ALL	462939.1	3773338	NonCancer	0.00E+00	2.39E-08	0.00E+00	1.69E-09	1.69E-09	7.97E-07	9.19E-05	0.00E+00	7.36E-08	0.00E+00	1.69E-09	2.73E-06	0.00E+00	0.00E+00	9.19E-05
5353	ALL	462948.5	3773338	NonCancer	0.00E+00	2.53E-08	0.00E+00	1.79E-09	1.79E-09	8.45E-07	9.69E-05	0.00E+00	7.80E-08	0.00E+00	1.79E-09	2.89E-06	0.00E+00	0.00E+00	9.69E-05
5354	ALL	462957.8	3773338	NonCancer	0.00E+00	2.69E-08	0.00E+00	1.90E-09	1.90E-09	8.96E-07	1.02E-04	0.00E+00	8.27E-08	0.00E+00	1.90E-09	3.07E-06	0.00E+00	0.00E+00	1.02E-04
5355	ALL	462967.1	3773338	NonCancer	0.00E+00	2.85E-08	0.00E+00	2.01E-09	2.01E-09	9.49E-07	1.07E-04	0.00E+00	8.76E-08	0.00E+00	2.01E-09	3.25E-06	0.00E+00	0.00E+00	1.07E-04
5356	ALL	462976.4	3773338	NonCancer	0.00E+00	3.01E-08	0.00E+00	2.13E-09	2.13E-09	1.00E-06	1.12E-04	0.00E+00	9.27E-08	0.00E+00	2.13E-09	3.44E-06	0.00E+00	0.00E+00	1.12E-04
5357	ALL	462985.8	3773338	NonCancer	0.00E+00	3.18E-08	0.00E+00	2.24E-09	2.24E-09	1.06E-06	1.17E-04	0.00E+00	9.78E-08	0.00E+00	2.24E-09	3.62E-06	0.00E+00	0.00E+00	1.17E-04
5358	ALL	462995.1	3773338	NonCancer	0.00E+00	3.34E-08	0.00E+00	2.36E-09	2.36E-09	1.11E-06	1.22E-04	0.00E+00	1.03E-07	0.00E+00	2.36E-09	3.81E-06	0.00E+00	0.00E+00	1.22E-04
5359	ALL	463004.4	3773338	NonCancer	0.00E+00	3.50E-08	0.00E+00	2.47E-09	2.47E-09	1.17E-06	1.26E-04	0.00E+00	1.08E-07	0.00E+00	2.47E-09	3.99E-06	0.00E+00	0.00E+00	1.26E-04
5360	ALL	462929.8	3773348	NonCancer	0.00E+00	2.11E-08	0.00E+00	1.49E-09	1.49E-09	7.04E-07	8.08E-05	0.00E+00	6.50E-08	0.00E+00	1.49E-09	2.41E-06	0.00E+00	0.00E+00	8.08E-05
5361	ALL	462939.1	3773348	NonCancer	0.00E+00	2.23E-08	0.00E+00	1.57E-09	1.57E-09	7.43E-07	8.48E-05	0.00E+00	6.86E-08	0.00E+00	1.57E-09	2.54E-06	0.00E+00	0.00E+00	8.48E-05
5362	ALL	462948.5	3773348	NonCancer	0.00E+00	2.35E-08	0.00E+00	1.66E-09	1.66E-09	7.83E-07	8.89E-05	0.00E+00	7.23E-08	0.00E+00	1.66E-09	2.68E-06	0.00E+00	0.00E+00	8.89E-05
5363	ALL	462957.8	3773348	NonCancer	0.00E+00	2.47E-08	0.00E+00	1.75E-09	1.75E-09	8.25E-07	9.30E-05	0.00E+00	7.62E-08	0.00E+00	1.75E-09	2.82E-06	0.00E+00	0.00E+00	9.30E-05
5364	ALL	462967.1	3773348	NonCancer	0.00E+00	2.60E-08	0.00E+00	1.84E-09	1.84E-09	8.69E-07	9.72E-05	0.00E+00	8.02E-08	0.00E+00	1.84E-09	2.97E-06	0.00E+00	0.00E+00	9.72E-05
5365	ALL	462976.4	3773348	NonCancer	0.00E+00	2.74E-08	0.00E+00	1.94E-09	1.94E-09	9.13E-07	1.01E-04	0.00E+00	8.43E-08	0.00E+00	1.94E-09	3.13E-06	0.00E+00	0.00E+00	1.01E-04
5366	ALL	462985.8	3773348	NonCancer	0.00E+00	2.87E-08	0.00E+00	2.03E-09	2.03E-09	9.58E-07	1.06E-04	0.00E+00	8.85E-08	0.00E+00	2.03E-09	3.28E-06	0.00E+00	0.00E+00	1.06E-04
5367	ALL	462995.1	3773348	NonCancer	0.00E+00	3.01E-08	0.00E+00	2.12E-09	2.12E-09	1.00E-06	1.09E-04	0.00E+00	9.26E-08	0.00E+00	2.12E-09	3.43E-06	0.00E+00	0.00E+00	1.09E-04
5368	ALL	462929.8	3773368	NonCancer	0.00E+00	1.87E-08	0.00E+00	1.32E-09	1.32E-09	6.23E-07	7.03E-05	0.00E+00	5.75E-08	0.00E+00	1.32E-09	2.13E-06	0.00E+00	0.00E+00	7.03E-05
5369	ALL	462939.1	3773368	NonCancer	0.00E+00	1.96E-08	0.00E+00	1.38E-09	1.38E-09	6.52E-07	7.32E-05	0.00E+00	6.02E-08	0.00E+00	1.38E-09	2.23E-06	0.00E+00	0.00E+00	7.32E-05
5370	ALL	462948.5	3773368	NonCancer	0.00E+00	2.04E-08	0.00E+00	1.44E-09	1.44E-09	6.82E-07	7.61E-05	0.00E+00	6.29E-08	0.00E+00	1.44E-09	2.33E-06	0.00E+00	0.00E+00	7.61E-05
5371	ALL	462957.8	3773368	NonCancer	0.00E+00	2.13E-08	0.00E+00	1.51E-09	1.51E-09	7.12E-07	7.90E-05	0.00E+00	6.57E-08	0.00E+00	1.51E-09	2.44E-06	0.00E+00	0.00E+00	7.90E-05
5372	ALL	462967.1	3773368	NonCancer	0.00E+00	2.23E-08	0.00E+00	1.57E-09	1.57E-09	7.42E-07	8.18E-05	0.00E+00	6.85E-08	0.00E+00	1.57E-09	2.54E-06	0.00E+00	0.00E+00	8.18E-05
5373	ALL	462976.4	3773368	NonCancer	0.00E+00	2.32E-08	0.00E+00	1.64E-09	1.64E-09	7.73E-07	8.47E-05	0.00E+00	7.14E-08	0.00E+00	1.64E-09	2.65E-06	0.00E+00	0.00E+00	8.47E-05
5374	ALL	462985.8	3773368	NonCancer	0.00E+00	2.41E-08	0.00E+00	1.70E-09	1.70E-09	8.04E-07	8.74E-05	0.00E+00	7.42E-08	0.00E+00	1.70E-09	2.75E-06	0.00E+00	0.00E+00	8.74E-05
5375	ALL	462995.1	3773368	NonCancer	0.00E+00	2.50E-08	0.00E+00	1.77E-09	1.77E-09	8.34E-07	9.00E-05	0.00E+00	7.70E-08	0.00E+00	1.77E-09	2.85E-06	0.00E+00	0.00E+00	9.00E-05
5376	ALL	462929.8	3773388	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.58E-07	6.19E-05	0.00E+00	5.15E-08	0.00E+00	1.18E-09	1.91E-06	0.00E+00	0.00E+00	6.19E-05
5377	ALL	462939.1	3773388	NonCancer	0.00E+00	1.74E-08	0.00E+00	1.23E-09	1.23E-09	5.80E-07	6.41E-05	0.00E+00	5.35E-08	0.00E+00	1.23E-09	1.98E-06	0.00E+00	0.00E+00	6.41E-05
5378	ALL	462948.5	3773388	NonCancer	0.00E+00	1.81E-08	0.00E+00	1.28E-09	1.28E-09	6.02E-07	6.63E-05	0.00E+00	5.56E-08	0.00E+00	1.28E-09	2.06E-06	0.00E+00	0.00E+00	6.63E-05
5379	ALL	462957.8	3773388	NonCancer	0.00E+00	1.87E-08	0.00E+00	1.32E-09	1.32E-09	6.25E-07	6.84E-05	0.00E+00	5.77E-08	0.00E+00	1.32E-09	2.14E-06	0.00E+00	0.00E+00	6.84E-05
5380	ALL	462967.1	3773388	NonCancer	0.00E+00	1.94E-08	0.00E+00	1.37E-09	1.37E-09	6.47E-07	7.05E-05	0.00E+00	5.98E-08	0.00E+00	1.37E-09	2.22E-06	0.00E+00	0.00E+00	7.05E-05
5381	ALL	462976.4	3773388	NonCancer	0.00E+00	2.01E-08	0.00E+00	1.42E-09	1.42E-09	6.70E-07	7.24E-05	0.00E+00	6.18E-08	0.00E+00	1.42E-09	2.29E-06	0.00E+00	0.00E+00	7.24E-05
5382	ALL	462985.8	3773388	NonCancer	0.00E+00	2.07E-08	0.00E+00	1.47E-09	1.47E-09	6.92E-07	7.43E-05	0.00E+00	6.39E-08	0.00E+00	1.47E-09	2.37E-06	0.00E+00	0.00E+00	7.43E-05
5383	ALL	462995.1	3773388	NonCancer	0.00E+00	2.14E-08	0.00E+00	1.51E-09	1.51E-09	7.13E-07	7.61E-05	0.00E+00	6.58E-08	0.00E+00	1.51E-09	2.44E-06	0.00E+00	0.00E+00	7.61E-05
5384	ALL	462929.8	3773408	NonCancer	0.00E+00	1.51E-08	0.00E+00	1.07E-09	1.07E-09	5.03E-07	5.50E-05	0.00E+00	4.64E-08	0.00E+00	1.07E-09	1.72E-06	0.00E+00	0.00E+00	5.50E-05
5385	ALL	462939.1	3773408	NonCancer	0.00E+00	1.56E-08	0.00E+00	1.10E-09	1.10E-09	5.20E-07	5.66E-05	0.00E+00	4.80E-08	0.00E+00	1.10E-09	1.78E-06	0.00E+00	0.00E+00	5.66E-05
5386	ALL	462948.5	3773408	NonCancer	0.00E+00	1.61E-08	0.00E+00	1.14E-09	1.14E-09	5.38E-07	5.83E-05	0.00E+00	4.96E-08	0.00E+00	1.14E-09	1.84E-06	0.00E+00	0.00E+00	5.83E-05
5387	ALL	462957.8	3773408	NonCancer	0.00E+00	1.66E-08	0.00E+00	1.18E-09	1.18E-09	5.55E-07	5.99E-05	0.00E+00	5.12E-08	0.00E+00	1.18E-09	1.90E-06	0.00E+00	0.00E+00	5.99E-05
5388	ALL	462967.1	3773408	NonCancer	0.00E+00	1.72E-08	0.00E+00	1.21E-09	1.21E-09	5.72E-07	6.14E-05	0.00E+00	5.28E-08	0.00E+00	1.21E-09	1.96E-06	0.00E+00	0.00E+00	6.14E-05
5389	ALL	462976.4	3773408	NonCancer	0.00E+00	1.77E-08	0.00E+00	1.25E-09	1.25E-09	5.90E-07	6.29E-05	0.00E+00	5.44E-08	0.00E+00	1.25E-09	2.02E-06	0.00E+00	0.00E+00	6.29E-05
5390	ALL	462985.8	3773408	NonCancer	0.00E+00	1.82E-08	0.00E+00	1.29E-09	1.29E-09	6.06E-07	6.44E-05	0.00E+00	5.60E-08	0.00E+00	1.29E-09	2.08E-06	0.00E+00	0.00E+00	6.44E-05
5391	ALL	462995.1	3773408	NonCancer	0.00E+00	1.87E-08	0.00E+00	1.32E-09	1.32E-09	6.23E-07	6.57E-05	0.00E+00	5.75E-08	0.00E+00	1.32E-09	2.13E-06	0.00E+00	0.00E+00	6.57E-05
5392	ALL	463004.4	3773408	NonCancer	0.00E+00	1.92E-08	0.00E+00	1.35E-09	1.35E-09	6.39E-07	6.70E-05	0.00E+00	5.90E-08	0.00E+00	1.35E-09	2.19E-06	0.00E+00	0.00E+00	6.70E-05
5393	ALL	462929.8	3773428	NonCancer	0.00E+00	1.37E-08	0.00E+00	9.71E-10	9.71E-10	4.58E-07	4.94E-05	0.00E+00	4.23E-08	0.00E+00	9.71E-10	1.57E-06	0.00E+00	0.00E+00	4.94E-05
5394	ALL	462939.1	3773428	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.72E-07	5.07E-05	0.00E+00	4.36E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	5.07E-05
5395	ALL	462948.5	3773428	NonCancer	0.00E+00	1.46E-08	0.00E+00	1.03E-09	1.03E-09	4.86E-07	5.20E-05	0.00E+00	4.49E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	5.20E-05
5396	ALL	462957.8	3773428	NonCancer	0.00E+00	1.50E-08	0.00E+00	1.06E-09	1.06E-09	5.00E-07	5.33E-05	0.00E+00	4.62E-08	0.00E+00	1.06E-09	1.71E-06	0.00E+00	0.00E+00	5.33E-05
5397	ALL	462967.1	3773428	NonCancer	0.00E+00	1.54E-08	0.00E+00	1.09E-09	1.09E-09	5.14E-07	5.45E-05	0.00E+00	4.75E-08	0.00E+00	1.09E-09	1.76E-06	0.00E+00	0.00E+00	5.45E-05
5398	ALL	462976.4	3773428	NonCancer	0.00E+00	1.58E-08	0.00E+00	1.12E-09	1.12E-09	5.28E-07	5.57E-05	0.00E+00	4.87E-08	0.00E+00	1.12E-09	1.81E-06	0.00E+00	0.00E+00	5.57E-05

5399	ALL	462985.8	3773428	NonCancer	0.00E+00	1.62E-08	0.00E+00	1.15E-09	1.15E-09	5.41E-07	5.68E-05	0.00E+00	5.00E-08	0.00E+00	1.15E-09	1.85E-06	0.00E+00	0.00E+00	5.68E-05
5400	ALL	462995.1	3773428	NonCancer	0.00E+00	1.66E-08	0.00E+00	1.17E-09	1.17E-09	5.54E-07	5.79E-05	0.00E+00	5.12E-08	0.00E+00	1.17E-09	1.90E-06	0.00E+00	0.00E+00	5.79E-05
5401	ALL	463004.4	3773428	NonCancer	0.00E+00	1.70E-08	0.00E+00	1.20E-09	1.20E-09	5.67E-07	5.89E-05	0.00E+00	5.24E-08	0.00E+00	1.20E-09	1.94E-06	0.00E+00	0.00E+00	5.89E-05
5402	ALL	462929.8	3773448	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.92E-10	8.92E-10	4.21E-07	4.48E-05	0.00E+00	3.89E-08	0.00E+00	8.92E-10	1.44E-06	0.00E+00	0.00E+00	4.48E-05
5403	ALL	462939.1	3773448	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.16E-10	9.16E-10	4.32E-07	4.59E-05	0.00E+00	3.99E-08	0.00E+00	9.16E-10	1.48E-06	0.00E+00	0.00E+00	4.59E-05
5404	ALL	462948.5	3773448	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.41E-10	9.41E-10	4.44E-07	4.69E-05	0.00E+00	4.10E-08	0.00E+00	9.41E-10	1.52E-06	0.00E+00	0.00E+00	4.69E-05
5405	ALL	462957.8	3773448	NonCancer	0.00E+00	1.37E-08	0.00E+00	9.65E-10	9.65E-10	4.56E-07	4.80E-05	0.00E+00	4.21E-08	0.00E+00	9.65E-10	1.56E-06	0.00E+00	0.00E+00	4.80E-05
5406	ALL	462967.1	3773448	NonCancer	0.00E+00	1.40E-08	0.00E+00	9.90E-10	9.90E-10	4.67E-07	4.90E-05	0.00E+00	4.31E-08	0.00E+00	9.90E-10	1.60E-06	0.00E+00	0.00E+00	4.90E-05
5407	ALL	462976.4	3773448	NonCancer	0.00E+00	1.43E-08	0.00E+00	1.01E-09	1.01E-09	4.78E-07	4.99E-05	0.00E+00	4.42E-08	0.00E+00	1.01E-09	1.64E-06	0.00E+00	0.00E+00	4.99E-05
5408	ALL	462985.8	3773448	NonCancer	0.00E+00	1.47E-08	0.00E+00	1.04E-09	1.04E-09	4.90E-07	5.08E-05	0.00E+00	4.52E-08	0.00E+00	1.04E-09	1.68E-06	0.00E+00	0.00E+00	5.08E-05
5409	ALL	462995.1	3773448	NonCancer	0.00E+00	1.50E-08	0.00E+00	1.06E-09	1.06E-09	5.00E-07	5.17E-05	0.00E+00	4.62E-08	0.00E+00	1.06E-09	1.71E-06	0.00E+00	0.00E+00	5.17E-05
5410	ALL	463004.4	3773448	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.11E-07	5.26E-05	0.00E+00	4.72E-08	0.00E+00	1.08E-09	1.75E-06	0.00E+00	0.00E+00	5.26E-05
5411	ALL	462929.8	3773488	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.63E-10	7.63E-10	3.60E-07	3.70E-05	0.00E+00	3.33E-08	0.00E+00	7.63E-10	1.23E-06	0.00E+00	0.00E+00	3.70E-05
5412	ALL	462939.1	3773488	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.82E-10	7.82E-10	3.69E-07	3.78E-05	0.00E+00	3.41E-08	0.00E+00	7.82E-10	1.26E-06	0.00E+00	0.00E+00	3.78E-05
5413	ALL	462948.5	3773488	NonCancer	0.00E+00	1.13E-08	0.00E+00	8.00E-10	8.00E-10	3.77E-07	3.85E-05	0.00E+00	3.48E-08	0.00E+00	8.00E-10	1.29E-06	0.00E+00	0.00E+00	3.85E-05
5414	ALL	462957.8	3773488	NonCancer	0.00E+00	1.16E-08	0.00E+00	8.18E-10	8.18E-10	3.86E-07	3.93E-05	0.00E+00	3.56E-08	0.00E+00	8.18E-10	1.32E-06	0.00E+00	0.00E+00	3.93E-05
5415	ALL	462967.1	3773488	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.35E-10	8.35E-10	3.94E-07	4.00E-05	0.00E+00	3.64E-08	0.00E+00	8.35E-10	1.35E-06	0.00E+00	0.00E+00	4.00E-05
5416	ALL	462976.4	3773488	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.53E-10	8.53E-10	4.03E-07	4.07E-05	0.00E+00	3.72E-08	0.00E+00	8.53E-10	1.38E-06	0.00E+00	0.00E+00	4.07E-05
5417	ALL	462985.8	3773488	NonCancer	0.00E+00	1.23E-08	0.00E+00	8.71E-10	8.71E-10	4.11E-07	4.13E-05	0.00E+00	3.79E-08	0.00E+00	8.71E-10	1.41E-06	0.00E+00	0.00E+00	4.13E-05
5418	ALL	462995.1	3773488	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.88E-10	8.88E-10	4.19E-07	4.20E-05	0.00E+00	3.87E-08	0.00E+00	8.88E-10	1.43E-06	0.00E+00	0.00E+00	4.20E-05
5419	ALL	462929.8	3773508	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.13E-10	7.13E-10	3.36E-07	3.42E-05	0.00E+00	3.11E-08	0.00E+00	7.13E-10	1.15E-06	0.00E+00	0.00E+00	3.42E-05
5420	ALL	462939.1	3773508	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.31E-10	7.31E-10	3.45E-07	3.50E-05	0.00E+00	3.18E-08	0.00E+00	7.31E-10	1.18E-06	0.00E+00	0.00E+00	3.50E-05
5421	ALL	462948.5	3773508	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.47E-10	7.47E-10	3.52E-07	3.56E-05	0.00E+00	3.25E-08	0.00E+00	7.47E-10	1.21E-06	0.00E+00	0.00E+00	3.56E-05
5422	ALL	462957.8	3773508	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.62E-10	7.62E-10	3.60E-07	3.62E-05	0.00E+00	3.32E-08	0.00E+00	7.62E-10	1.23E-06	0.00E+00	0.00E+00	3.62E-05
5423	ALL	462967.1	3773508	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.78E-10	7.78E-10	3.67E-07	3.69E-05	0.00E+00	3.39E-08	0.00E+00	7.78E-10	1.26E-06	0.00E+00	0.00E+00	3.69E-05
5424	ALL	462976.4	3773508	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.93E-10	7.93E-10	3.74E-07	3.75E-05	0.00E+00	3.46E-08	0.00E+00	7.93E-10	1.28E-06	0.00E+00	0.00E+00	3.75E-05
5425	ALL	462985.8	3773508	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.09E-10	8.09E-10	3.82E-07	3.81E-05	0.00E+00	3.52E-08	0.00E+00	8.09E-10	1.31E-06	0.00E+00	0.00E+00	3.81E-05
5426	ALL	462995.1	3773508	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.24E-10	8.24E-10	3.89E-07	3.86E-05	0.00E+00	3.59E-08	0.00E+00	8.24E-10	1.33E-06	0.00E+00	0.00E+00	3.86E-05
5427	ALL	462929.8	3773528	NonCancer	0.00E+00	9.45E-09	0.00E+00	6.68E-10	6.68E-10	3.15E-07	3.16E-05	0.00E+00	2.91E-08	0.00E+00	6.68E-10	1.08E-06	0.00E+00	0.00E+00	3.16E-05
5428	ALL	462939.1	3773528	NonCancer	0.00E+00	9.65E-09	0.00E+00	6.82E-10	6.82E-10	3.22E-07	3.22E-05	0.00E+00	2.97E-08	0.00E+00	6.82E-10	1.10E-06	0.00E+00	0.00E+00	3.22E-05
5429	ALL	462948.5	3773528	NonCancer	0.00E+00	9.85E-09	0.00E+00	6.96E-10	6.96E-10	3.29E-07	3.28E-05	0.00E+00	3.03E-08	0.00E+00	6.96E-10	1.12E-06	0.00E+00	0.00E+00	3.28E-05
5430	ALL	462957.8	3773528	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.10E-10	7.10E-10	3.35E-07	3.33E-05	0.00E+00	3.09E-08	0.00E+00	7.10E-10	1.15E-06	0.00E+00	0.00E+00	3.33E-05
5431	ALL	462967.1	3773528	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.24E-10	7.24E-10	3.42E-07	3.39E-05	0.00E+00	3.16E-08	0.00E+00	7.24E-10	1.17E-06	0.00E+00	0.00E+00	3.39E-05
5432	ALL	462976.4	3773528	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.38E-10	7.38E-10	3.48E-07	3.44E-05	0.00E+00	3.22E-08	0.00E+00	7.38E-10	1.19E-06	0.00E+00	0.00E+00	3.44E-05
5433	ALL	462985.8	3773528	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.52E-10	7.52E-10	3.55E-07	3.49E-05	0.00E+00	3.28E-08	0.00E+00	7.52E-10	1.21E-06	0.00E+00	0.00E+00	3.49E-05
5434	ALL	462995.1	3773528	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.66E-10	7.66E-10	3.62E-07	3.55E-05	0.00E+00	3.34E-08	0.00E+00	7.66E-10	1.24E-06	0.00E+00	0.00E+00	3.55E-05
5435	ALL	462929.8	3773548	NonCancer	0.00E+00	8.84E-09	0.00E+00	6.24E-10	6.24E-10	2.95E-07	2.92E-05	0.00E+00	2.72E-08	0.00E+00	6.24E-10	1.01E-06	0.00E+00	0.00E+00	2.92E-05
5436	ALL	462939.1	3773548	NonCancer	0.00E+00	9.01E-09	0.00E+00	6.37E-10	6.37E-10	3.01E-07	2.97E-05	0.00E+00	2.77E-08	0.00E+00	6.37E-10	1.03E-06	0.00E+00	0.00E+00	2.97E-05
5437	ALL	462948.5	3773548	NonCancer	0.00E+00	9.22E-09	0.00E+00	6.51E-10	6.51E-10	3.07E-07	3.03E-05	0.00E+00	2.84E-08	0.00E+00	6.51E-10	1.05E-06	0.00E+00	0.00E+00	3.03E-05
5438	ALL	462957.8	3773548	NonCancer	0.00E+00	9.42E-09	0.00E+00	6.66E-10	6.66E-10	3.14E-07	3.09E-05	0.00E+00	2.90E-08	0.00E+00	6.66E-10	1.08E-06	0.00E+00	0.00E+00	3.09E-05
5439	ALL	462967.1	3773548	NonCancer	0.00E+00	9.62E-09	0.00E+00	6.80E-10	6.80E-10	3.21E-07	3.15E-05	0.00E+00	2.96E-08	0.00E+00	6.80E-10	1.10E-06	0.00E+00	0.00E+00	3.15E-05
5440	ALL	462976.4	3773548	NonCancer	0.00E+00	9.81E-09	0.00E+00	6.93E-10	6.93E-10	3.27E-07	3.20E-05	0.00E+00	3.02E-08	0.00E+00	6.93E-10	1.12E-06	0.00E+00	0.00E+00	3.20E-05
5441	ALL	462985.8	3773548	NonCancer	0.00E+00	9.99E-09	0.00E+00	7.06E-10	7.06E-10	3.33E-07	3.25E-05	0.00E+00	3.08E-08	0.00E+00	7.06E-10	1.14E-06	0.00E+00	0.00E+00	3.25E-05
5442	ALL	462995.1	3773548	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.19E-10	7.19E-10	3.39E-07	3.29E-05	0.00E+00	3.13E-08	0.00E+00	7.19E-10	1.16E-06	0.00E+00	0.00E+00	3.29E-05
5443	ALL	462929.8	3773578	NonCancer	0.00E+00	8.08E-09	0.00E+00	5.71E-10	5.71E-10	2.70E-07	2.64E-05	0.00E+00	2.49E-08	0.00E+00	5.71E-10	9.23E-07	0.00E+00	0.00E+00	2.64E-05
5444	ALL	462939.1	3773578	NonCancer	0.00E+00	8.24E-09	0.00E+00	5.82E-10	5.82E-10	2.75E-07	2.68E-05	0.00E+00	2.54E-08	0.00E+00	5.82E-10	9.40E-07	0.00E+00	0.00E+00	2.68E-05
5445	ALL	462948.5	3773578	NonCancer	0.00E+00	8.42E-09	0.00E+00	5.95E-10	5.95E-10	2.81E-07	2.73E-05	0.00E+00	2.59E-08	0.00E+00	5.95E-10	9.61E-07	0.00E+00	0.00E+00	2.73E-05
5446	ALL	462957.8	3773578	NonCancer	0.00E+00	8.61E-09	0.00E+00	6.08E-10	6.08E-10	2.87E-07	2.79E-05	0.00E+00	2.65E-08	0.00E+00	6.08E-10	9.83E-07	0.00E+00	0.00E+00	2.79E-05
5447	ALL	462967.1	3773578	NonCancer	0.00E+00	8.80E-09	0.00E+00	6.22E-10	6.22E-10	2.94E-07	2.84E-05	0.00E+00	2.71E-08	0.00E+00	6.22E-10	1.01E-06	0.00E+00	0.00E+00	2.84E-05
5448	ALL	462976.4	3773578	NonCancer	0.00E+00	8.97E-09	0.00E+00	6.34E-10	6.34E-10	2.99E-07	2.89E-05	0.00E+00	2.76E-08	0.00E+00	6.34E-10	1.02E-06	0.00E+00	0.00E+00	2.89E-05
5449	ALL	462985.8	3773578	NonCancer	0.00E+00	9.14E-09	0.00E+00	6.46E-10	6.46E-10	3.05E-07	2.93E-05	0.00E+00	2.81E-08	0.00E+00	6.46E-10	1.04E-06	0.00E+00	0.00E+00	2.93E-05
5450	ALL	462995.1	3773578	NonCancer	0.00E+00	9.30E-09	0.00E+00	6.57E-10	6.57E-10	3.10E-07	2.97E-05	0.00E+00	2.86E-08	0.00E+00	6.57E-10	1.06E-06	0.00E+00	0.00E+00	2.97E-05
5451	ALL	462929.8	3773608	NonCancer	0.00E+00	7.53E-09	0.00E+00	5.32E-10	5.32E-10	2.51E-07	2.43E-05	0.00E+00	2.32E-08	0.00E+00	5.32E-10	8.60E-07	0.00E+00	0.00E+00	2.43E-05
5452	ALL	462939.1	3773608	NonCancer	0.00E+00	7.69E-09	0.00E+00	5.43E-10	5.43E-10	2.56E-07	2.47E-05	0.00E+00	2.37E-08	0.00E+00	5.43E-10	8.77E-07	0.00E+00	0.00E+00	2.47E-05

5453	ALL	462948.5	3773608	NonCancer	0.00E+00	7.83E-09	0.00E+00	5.53E-10	5.53E-10	2.61E-07	2.51E-05	0.00E+00	2.41E-08	0.00E+00	5.53E-10	8.93E-07	0.00E+00	0.00E+00	2.51E-05
5454	ALL	462957.8	3773608	NonCancer	0.00E+00	7.97E-09	0.00E+00	5.63E-10	5.63E-10	2.66E-07	2.55E-05	0.00E+00	2.45E-08	0.00E+00	5.63E-10	9.10E-07	0.00E+00	0.00E+00	2.55E-05
5455	ALL	462967.1	3773608	NonCancer	0.00E+00	8.11E-09	0.00E+00	5.73E-10	5.73E-10	2.70E-07	2.59E-05	0.00E+00	2.50E-08	0.00E+00	5.73E-10	9.26E-07	0.00E+00	0.00E+00	2.59E-05
5456	ALL	462976.4	3773608	NonCancer	0.00E+00	8.26E-09	0.00E+00	5.83E-10	5.83E-10	2.75E-07	2.62E-05	0.00E+00	2.54E-08	0.00E+00	5.83E-10	9.42E-07	0.00E+00	0.00E+00	2.62E-05
5457	ALL	462985.8	3773608	NonCancer	0.00E+00	8.40E-09	0.00E+00	5.94E-10	5.94E-10	2.80E-07	2.66E-05	0.00E+00	2.59E-08	0.00E+00	5.94E-10	9.59E-07	0.00E+00	0.00E+00	2.66E-05
5458	ALL	462995.1	3773608	NonCancer	0.00E+00	8.55E-09	0.00E+00	6.04E-10	6.04E-10	2.85E-07	2.70E-05	0.00E+00	2.63E-08	0.00E+00	6.04E-10	9.76E-07	0.00E+00	0.00E+00	2.70E-05
5459	ALL	462929.8	3773638	NonCancer	0.00E+00	7.01E-09	0.00E+00	4.96E-10	4.96E-10	2.34E-07	2.23E-05	0.00E+00	2.16E-08	0.00E+00	4.96E-10	8.01E-07	0.00E+00	0.00E+00	2.23E-05
5460	ALL	462939.1	3773638	NonCancer	0.00E+00	7.17E-09	0.00E+00	5.06E-10	5.06E-10	2.39E-07	2.28E-05	0.00E+00	2.21E-08	0.00E+00	5.06E-10	8.18E-07	0.00E+00	0.00E+00	2.28E-05
5461	ALL	462948.5	3773638	NonCancer	0.00E+00	7.29E-09	0.00E+00	5.15E-10	5.15E-10	2.43E-07	2.31E-05	0.00E+00	2.25E-08	0.00E+00	5.15E-10	8.33E-07	0.00E+00	0.00E+00	2.31E-05
5462	ALL	462957.8	3773638	NonCancer	0.00E+00	7.42E-09	0.00E+00	5.25E-10	5.25E-10	2.48E-07	2.34E-05	0.00E+00	2.29E-08	0.00E+00	5.25E-10	8.47E-07	0.00E+00	0.00E+00	2.34E-05
5463	ALL	462967.1	3773638	NonCancer	0.00E+00	7.56E-09	0.00E+00	5.34E-10	5.34E-10	2.52E-07	2.38E-05	0.00E+00	2.33E-08	0.00E+00	5.34E-10	8.62E-07	0.00E+00	0.00E+00	2.38E-05
5464	ALL	462976.4	3773638	NonCancer	0.00E+00	7.70E-09	0.00E+00	5.44E-10	5.44E-10	2.57E-07	2.42E-05	0.00E+00	2.37E-08	0.00E+00	5.44E-10	8.79E-07	0.00E+00	0.00E+00	2.42E-05
5465	ALL	462985.8	3773638	NonCancer	0.00E+00	7.85E-09	0.00E+00	5.55E-10	5.55E-10	2.62E-07	2.46E-05	0.00E+00	2.42E-08	0.00E+00	5.55E-10	8.97E-07	0.00E+00	0.00E+00	2.46E-05
5466	ALL	462995.1	3773638	NonCancer	0.00E+00	8.01E-09	0.00E+00	5.66E-10	5.66E-10	2.67E-07	2.50E-05	0.00E+00	2.47E-08	0.00E+00	5.66E-10	9.14E-07	0.00E+00	0.00E+00	2.50E-05
5467	ALL	462929.8	3773668	NonCancer	0.00E+00	6.58E-09	0.00E+00	4.65E-10	4.65E-10	2.19E-07	2.07E-05	0.00E+00	2.03E-08	0.00E+00	4.65E-10	7.51E-07	0.00E+00	0.00E+00	2.07E-05
5468	ALL	462939.1	3773668	NonCancer	0.00E+00	6.69E-09	0.00E+00	4.73E-10	4.73E-10	2.23E-07	2.10E-05	0.00E+00	2.06E-08	0.00E+00	4.73E-10	7.64E-07	0.00E+00	0.00E+00	2.10E-05
5469	ALL	462948.5	3773668	NonCancer	0.00E+00	6.81E-09	0.00E+00	4.81E-10	4.81E-10	2.27E-07	2.13E-05	0.00E+00	2.10E-08	0.00E+00	4.81E-10	7.77E-07	0.00E+00	0.00E+00	2.13E-05
5470	ALL	462957.8	3773668	NonCancer	0.00E+00	6.93E-09	0.00E+00	4.90E-10	4.90E-10	2.31E-07	2.16E-05	0.00E+00	2.13E-08	0.00E+00	4.90E-10	7.91E-07	0.00E+00	0.00E+00	2.16E-05
5471	ALL	462967.1	3773668	NonCancer	0.00E+00	7.05E-09	0.00E+00	4.98E-10	4.98E-10	2.35E-07	2.19E-05	0.00E+00	2.17E-08	0.00E+00	4.98E-10	8.05E-07	0.00E+00	0.00E+00	2.19E-05
5472	ALL	462976.4	3773668	NonCancer	0.00E+00	7.20E-09	0.00E+00	5.09E-10	5.09E-10	2.40E-07	2.23E-05	0.00E+00	2.22E-08	0.00E+00	5.09E-10	8.21E-07	0.00E+00	0.00E+00	2.23E-05
5473	ALL	462985.8	3773668	NonCancer	0.00E+00	7.35E-09	0.00E+00	5.19E-10	5.19E-10	2.45E-07	2.28E-05	0.00E+00	2.26E-08	0.00E+00	5.19E-10	8.39E-07	0.00E+00	0.00E+00	2.28E-05
5474	ALL	462995.1	3773668	NonCancer	0.00E+00	7.50E-09	0.00E+00	5.30E-10	5.30E-10	2.50E-07	2.32E-05	0.00E+00	2.31E-08	0.00E+00	5.30E-10	8.57E-07	0.00E+00	0.00E+00	2.32E-05
5475	ALL	462929.8	3773698	NonCancer	0.00E+00	6.20E-09	0.00E+00	4.38E-10	4.38E-10	2.07E-07	1.93E-05	0.00E+00	1.91E-08	0.00E+00	4.38E-10	7.07E-07	0.00E+00	0.00E+00	1.93E-05
5476	ALL	462939.1	3773698	NonCancer	0.00E+00	6.31E-09	0.00E+00	4.46E-10	4.46E-10	2.10E-07	1.96E-05	0.00E+00	1.94E-08	0.00E+00	4.46E-10	7.20E-07	0.00E+00	0.00E+00	1.96E-05
5477	ALL	462948.5	3773698	NonCancer	0.00E+00	6.43E-09	0.00E+00	4.54E-10	4.54E-10	2.14E-07	1.99E-05	0.00E+00	1.98E-08	0.00E+00	4.54E-10	7.34E-07	0.00E+00	0.00E+00	1.99E-05
5478	ALL	462957.8	3773698	NonCancer	0.00E+00	6.56E-09	0.00E+00	4.63E-10	4.63E-10	2.19E-07	2.03E-05	0.00E+00	2.02E-08	0.00E+00	4.63E-10	7.49E-07	0.00E+00	0.00E+00	2.03E-05
5479	ALL	462967.1	3773698	NonCancer	0.00E+00	6.69E-09	0.00E+00	4.73E-10	4.73E-10	2.23E-07	2.06E-05	0.00E+00	2.06E-08	0.00E+00	4.73E-10	7.64E-07	0.00E+00	0.00E+00	2.06E-05
5480	ALL	462976.4	3773698	NonCancer	0.00E+00	6.81E-09	0.00E+00	4.81E-10	4.81E-10	2.27E-07	2.09E-05	0.00E+00	2.10E-08	0.00E+00	4.81E-10	7.78E-07	0.00E+00	0.00E+00	2.09E-05
5481	ALL	462985.8	3773698	NonCancer	0.00E+00	6.93E-09	0.00E+00	4.90E-10	4.90E-10	2.31E-07	2.13E-05	0.00E+00	2.13E-08	0.00E+00	4.90E-10	7.91E-07	0.00E+00	0.00E+00	2.13E-05
5482	ALL	462995.1	3773698	NonCancer	0.00E+00	7.06E-09	0.00E+00	4.99E-10	4.99E-10	2.35E-07	2.16E-05	0.00E+00	2.17E-08	0.00E+00	4.99E-10	8.06E-07	0.00E+00	0.00E+00	2.16E-05
5483	ALL	462929.8	3773728	NonCancer	0.00E+00	5.83E-09	0.00E+00	4.12E-10	4.12E-10	1.95E-07	1.79E-05	0.00E+00	1.80E-08	0.00E+00	4.12E-10	6.66E-07	0.00E+00	0.00E+00	1.79E-05
5484	ALL	462939.1	3773728	NonCancer	0.00E+00	5.93E-09	0.00E+00	4.19E-10	4.19E-10	1.98E-07	1.82E-05	0.00E+00	1.83E-08	0.00E+00	4.19E-10	6.77E-07	0.00E+00	0.00E+00	1.82E-05
5485	ALL	462948.5	3773728	NonCancer	0.00E+00	6.06E-09	0.00E+00	4.29E-10	4.29E-10	2.02E-07	1.86E-05	0.00E+00	1.87E-08	0.00E+00	4.29E-10	6.92E-07	0.00E+00	0.00E+00	1.86E-05
5486	ALL	462957.8	3773728	NonCancer	0.00E+00	6.19E-09	0.00E+00	4.38E-10	4.38E-10	2.07E-07	1.89E-05	0.00E+00	1.91E-08	0.00E+00	4.38E-10	7.07E-07	0.00E+00	0.00E+00	1.89E-05
5487	ALL	462967.1	3773728	NonCancer	0.00E+00	6.33E-09	0.00E+00	4.47E-10	4.47E-10	2.11E-07	1.93E-05	0.00E+00	1.95E-08	0.00E+00	4.47E-10	7.22E-07	0.00E+00	0.00E+00	1.93E-05
5488	ALL	462976.4	3773728	NonCancer	0.00E+00	6.45E-09	0.00E+00	4.55E-10	4.55E-10	2.15E-07	1.96E-05	0.00E+00	1.98E-08	0.00E+00	4.55E-10	7.36E-07	0.00E+00	0.00E+00	1.96E-05
5489	ALL	462985.8	3773728	NonCancer	0.00E+00	6.56E-09	0.00E+00	4.64E-10	4.64E-10	2.19E-07	1.99E-05	0.00E+00	2.02E-08	0.00E+00	4.64E-10	7.49E-07	0.00E+00	0.00E+00	1.99E-05
5490	ALL	462995.1	3773728	NonCancer	0.00E+00	6.68E-09	0.00E+00	4.72E-10	4.72E-10	2.23E-07	2.02E-05	0.00E+00	2.06E-08	0.00E+00	4.72E-10	7.62E-07	0.00E+00	0.00E+00	2.02E-05
5491	ALL	463004.4	3773728	NonCancer	0.00E+00	6.80E-09	0.00E+00	4.81E-10	4.81E-10	2.27E-07	2.05E-05	0.00E+00	2.09E-08	0.00E+00	4.81E-10	7.76E-07	0.00E+00	0.00E+00	2.05E-05
5492	ALL	462929.8	3773758	NonCancer	0.00E+00	5.52E-09	0.00E+00	3.90E-10	3.90E-10	1.84E-07	1.68E-05	0.00E+00	1.70E-08	0.00E+00	3.90E-10	6.30E-07	0.00E+00	0.00E+00	1.68E-05
5493	ALL	462939.1	3773758	NonCancer	0.00E+00	5.62E-09	0.00E+00	3.97E-10	3.97E-10	1.87E-07	1.71E-05	0.00E+00	1.73E-08	0.00E+00	3.97E-10	6.41E-07	0.00E+00	0.00E+00	1.71E-05
5494	ALL	462948.5	3773758	NonCancer	0.00E+00	5.74E-09	0.00E+00	4.05E-10	4.05E-10	1.91E-07	1.74E-05	0.00E+00	1.77E-08	0.00E+00	4.05E-10	6.55E-07	0.00E+00	0.00E+00	1.74E-05
5495	ALL	462957.8	3773758	NonCancer	0.00E+00	5.85E-09	0.00E+00	4.14E-10	4.14E-10	1.95E-07	1.77E-05	0.00E+00	1.80E-08	0.00E+00	4.14E-10	6.68E-07	0.00E+00	0.00E+00	1.77E-05
5496	ALL	462967.1	3773758	NonCancer	0.00E+00	5.98E-09	0.00E+00	4.22E-10	4.22E-10	1.99E-07	1.81E-05	0.00E+00	1.84E-08	0.00E+00	4.22E-10	6.82E-07	0.00E+00	0.00E+00	1.81E-05
5497	ALL	462976.4	3773758	NonCancer	0.00E+00	6.09E-09	0.00E+00	4.30E-10	4.30E-10	2.03E-07	1.84E-05	0.00E+00	1.88E-08	0.00E+00	4.30E-10	6.95E-07	0.00E+00	0.00E+00	1.84E-05
5498	ALL	462985.8	3773758	NonCancer	0.00E+00	6.20E-09	0.00E+00	4.38E-10	4.38E-10	2.07E-07	1.86E-05	0.00E+00	1.91E-08	0.00E+00	4.38E-10	7.08E-07	0.00E+00	0.00E+00	1.86E-05
5499	ALL	462995.1	3773758	NonCancer	0.00E+00	6.32E-09	0.00E+00	4.46E-10	4.46E-10	2.11E-07	1.89E-05	0.00E+00	1.94E-08	0.00E+00	4.46E-10	7.21E-07	0.00E+00	0.00E+00	1.89E-05
5500	ALL	463004.4	3773758	NonCancer	0.00E+00	6.43E-09	0.00E+00	4.55E-10	4.55E-10	2.15E-07	1.92E-05	0.00E+00	1.98E-08	0.00E+00	4.55E-10	7.34E-07	0.00E+00	0.00E+00	1.92E-05
5501	ALL	462929.8	3773788	NonCancer	0.00E+00	5.22E-09	0.00E+00	3.69E-10	3.69E-10	1.74E-07	1.58E-05	0.00E+00	1.61E-08	0.00E+00	3.69E-10	5.96E-07	0.00E+00	0.00E+00	1.58E-05
5502	ALL	462939.1	3773788	NonCancer	0.00E+00	5.32E-09	0.00E+00	3.76E-10	3.76E-10	1.77E-07	1.60E-05	0.00E+00	1.64E-08	0.00E+00	3.76E-10	6.07E-07	0.00E+00	0.00E+00	1.60E-05
5503	ALL	462948.5	3773788	NonCancer	0.00E+00	5.43E-09	0.00E+00	3.84E-10	3.84E-10	1.81E-07	1.64E-05	0.00E+00	1.67E-08	0.00E+00	3.84E-10	6.20E-07	0.00E+00	0.00E+00	1.64E-05
5504	ALL	462957.8	3773788	NonCancer	0.00E+00	5.55E-09	0.00E+00	3.92E-10	3.92E-10	1.85E-07	1.67E-05	0.00E+00	1.71E-08	0.00E+00	3.92E-10	6.34E-07	0.00E+00	0.00E+00	1.67E-05
5505	ALL	462967.1	3773788	NonCancer	0.00E+00	5.68E-09	0.00E+00	4.01E-10	4.01E-10	1.89E-07	1.70E-05	0.00E+00	1.75E-08	0.00E+00	4.01E-10	6.48E-07	0.00E+00	0.00E+00	1.70E-05
5506	ALL	462976.4	3773788	NonCancer	0.00E+00	5.79E-09	0.00E+00	4.09E-10	4.09E-10	1.93E-07	1.73E-05	0.00E+00	1.78E-08	0.00E+00	4.09E-10	6.61E-07	0.00E+00	0.00E+00	1.73E-05

5507	ALL	462985.8	3773788	NonCancer	0.00E+00	5.90E-09	0.00E+00	4.17E-10	4.17E-10	1.97E-07	1.76E-05	0.00E+00	1.82E-08	0.00E+00	4.17E-10	6.73E-07	0.00E+00	0.00E+00	1.76E-05
5508	ALL	462995.1	3773788	NonCancer	0.00E+00	6.01E-09	0.00E+00	4.24E-10	4.24E-10	2.00E-07	1.79E-05	0.00E+00	1.85E-08	0.00E+00	4.24E-10	6.86E-07	0.00E+00	0.00E+00	1.79E-05
5509	ALL	462929.8	3773818	NonCancer	0.00E+00	4.98E-09	0.00E+00	3.52E-10	3.52E-10	1.66E-07	1.50E-05	0.00E+00	1.53E-08	0.00E+00	3.52E-10	5.69E-07	0.00E+00	0.00E+00	1.50E-05
5510	ALL	462939.1	3773818	NonCancer	0.00E+00	5.07E-09	0.00E+00	3.58E-10	3.58E-10	1.69E-07	1.52E-05	0.00E+00	1.56E-08	0.00E+00	3.58E-10	5.79E-07	0.00E+00	0.00E+00	1.52E-05
5511	ALL	462948.5	3773818	NonCancer	0.00E+00	5.17E-09	0.00E+00	3.66E-10	3.66E-10	1.73E-07	1.55E-05	0.00E+00	1.59E-08	0.00E+00	3.66E-10	5.90E-07	0.00E+00	0.00E+00	1.55E-05
5512	ALL	462957.8	3773818	NonCancer	0.00E+00	5.28E-09	0.00E+00	3.73E-10	3.73E-10	1.76E-07	1.57E-05	0.00E+00	1.63E-08	0.00E+00	3.73E-10	6.03E-07	0.00E+00	0.00E+00	1.57E-05
5513	ALL	462967.1	3773818	NonCancer	0.00E+00	5.39E-09	0.00E+00	3.81E-10	3.81E-10	1.80E-07	1.60E-05	0.00E+00	1.66E-08	0.00E+00	3.81E-10	6.15E-07	0.00E+00	0.00E+00	1.60E-05
5514	ALL	462976.4	3773818	NonCancer	0.00E+00	5.49E-09	0.00E+00	3.88E-10	3.88E-10	1.83E-07	1.63E-05	0.00E+00	1.69E-08	0.00E+00	3.88E-10	6.27E-07	0.00E+00	0.00E+00	1.63E-05
5515	ALL	462985.8	3773818	NonCancer	0.00E+00	5.60E-09	0.00E+00	3.96E-10	3.96E-10	1.87E-07	1.66E-05	0.00E+00	1.72E-08	0.00E+00	3.96E-10	6.39E-07	0.00E+00	0.00E+00	1.66E-05
5516	ALL	462995.1	3773818	NonCancer	0.00E+00	5.70E-09	0.00E+00	4.03E-10	4.03E-10	1.90E-07	1.68E-05	0.00E+00	1.76E-08	0.00E+00	4.03E-10	6.51E-07	0.00E+00	0.00E+00	1.68E-05
5517	ALL	462929.8	3773848	NonCancer	0.00E+00	4.74E-09	0.00E+00	3.35E-10	3.35E-10	1.58E-07	1.41E-05	0.00E+00	1.46E-08	0.00E+00	3.35E-10	5.41E-07	0.00E+00	0.00E+00	1.41E-05
5518	ALL	462939.1	3773848	NonCancer	0.00E+00	4.83E-09	0.00E+00	3.41E-10	3.41E-10	1.61E-07	1.43E-05	0.00E+00	1.49E-08	0.00E+00	3.41E-10	5.51E-07	0.00E+00	0.00E+00	1.43E-05
5519	ALL	462948.5	3773848	NonCancer	0.00E+00	4.93E-09	0.00E+00	3.48E-10	3.48E-10	1.64E-07	1.46E-05	0.00E+00	1.52E-08	0.00E+00	3.48E-10	5.63E-07	0.00E+00	0.00E+00	1.46E-05
5520	ALL	462957.8	3773848	NonCancer	0.00E+00	5.04E-09	0.00E+00	3.56E-10	3.56E-10	1.68E-07	1.49E-05	0.00E+00	1.55E-08	0.00E+00	3.56E-10	5.75E-07	0.00E+00	0.00E+00	1.49E-05
5521	ALL	462967.1	3773848	NonCancer	0.00E+00	5.15E-09	0.00E+00	3.64E-10	3.64E-10	1.72E-07	1.52E-05	0.00E+00	1.59E-08	0.00E+00	3.64E-10	5.88E-07	0.00E+00	0.00E+00	1.52E-05
5522	ALL	462976.4	3773848	NonCancer	0.00E+00	5.25E-09	0.00E+00	3.71E-10	3.71E-10	1.75E-07	1.55E-05	0.00E+00	1.62E-08	0.00E+00	3.71E-10	6.00E-07	0.00E+00	0.00E+00	1.55E-05
5523	ALL	462985.8	3773848	NonCancer	0.00E+00	5.35E-09	0.00E+00	3.78E-10	3.78E-10	1.78E-07	1.57E-05	0.00E+00	1.65E-08	0.00E+00	3.78E-10	6.11E-07	0.00E+00	0.00E+00	1.57E-05
5524	ALL	462995.1	3773848	NonCancer	0.00E+00	5.46E-09	0.00E+00	3.86E-10	3.86E-10	1.82E-07	1.60E-05	0.00E+00	1.68E-08	0.00E+00	3.86E-10	6.23E-07	0.00E+00	0.00E+00	1.60E-05
5525	ALL	463004.4	3773848	NonCancer	0.00E+00	5.56E-09	0.00E+00	3.93E-10	3.93E-10	1.86E-07	1.63E-05	0.00E+00	1.71E-08	0.00E+00	3.93E-10	6.35E-07	0.00E+00	0.00E+00	1.63E-05
5526	ALL	462929.8	3773888	NonCancer	0.00E+00	4.46E-09	0.00E+00	3.15E-10	3.15E-10	1.49E-07	1.32E-05	0.00E+00	1.37E-08	0.00E+00	3.15E-10	5.09E-07	0.00E+00	0.00E+00	1.32E-05
5527	ALL	462939.1	3773888	NonCancer	0.00E+00	4.54E-09	0.00E+00	3.21E-10	3.21E-10	1.51E-07	1.34E-05	0.00E+00	1.40E-08	0.00E+00	3.21E-10	5.18E-07	0.00E+00	0.00E+00	1.34E-05
5528	ALL	462948.5	3773888	NonCancer	0.00E+00	4.64E-09	0.00E+00	3.28E-10	3.28E-10	1.55E-07	1.37E-05	0.00E+00	1.43E-08	0.00E+00	3.28E-10	5.30E-07	0.00E+00	0.00E+00	1.37E-05
5529	ALL	462957.8	3773888	NonCancer	0.00E+00	4.75E-09	0.00E+00	3.35E-10	3.35E-10	1.58E-07	1.39E-05	0.00E+00	1.46E-08	0.00E+00	3.35E-10	5.42E-07	0.00E+00	0.00E+00	1.39E-05
5530	ALL	462967.1	3773888	NonCancer	0.00E+00	4.86E-09	0.00E+00	3.43E-10	3.43E-10	1.62E-07	1.42E-05	0.00E+00	1.50E-08	0.00E+00	3.43E-10	5.54E-07	0.00E+00	0.00E+00	1.42E-05
5531	ALL	462976.4	3773888	NonCancer	0.00E+00	4.95E-09	0.00E+00	3.50E-10	3.50E-10	1.65E-07	1.45E-05	0.00E+00	1.53E-08	0.00E+00	3.50E-10	5.65E-07	0.00E+00	0.00E+00	1.45E-05
5532	ALL	462985.8	3773888	NonCancer	0.00E+00	5.05E-09	0.00E+00	3.57E-10	3.57E-10	1.68E-07	1.47E-05	0.00E+00	1.55E-08	0.00E+00	3.57E-10	5.76E-07	0.00E+00	0.00E+00	1.47E-05
5533	ALL	462995.1	3773888	NonCancer	0.00E+00	5.15E-09	0.00E+00	3.64E-10	3.64E-10	1.72E-07	1.50E-05	0.00E+00	1.59E-08	0.00E+00	3.64E-10	5.88E-07	0.00E+00	0.00E+00	1.50E-05
5534	ALL	462929.8	3773928	NonCancer	0.00E+00	4.23E-09	0.00E+00	2.99E-10	2.99E-10	1.41E-07	1.24E-05	0.00E+00	1.30E-08	0.00E+00	2.99E-10	4.83E-07	0.00E+00	0.00E+00	1.24E-05
5535	ALL	462939.1	3773928	NonCancer	0.00E+00	4.31E-09	0.00E+00	3.04E-10	3.04E-10	1.44E-07	1.26E-05	0.00E+00	1.33E-08	0.00E+00	3.04E-10	4.92E-07	0.00E+00	0.00E+00	1.26E-05
5536	ALL	462948.5	3773928	NonCancer	0.00E+00	4.39E-09	0.00E+00	3.10E-10	3.10E-10	1.46E-07	1.28E-05	0.00E+00	1.35E-08	0.00E+00	3.10E-10	5.01E-07	0.00E+00	0.00E+00	1.28E-05
5537	ALL	462957.8	3773928	NonCancer	0.00E+00	4.47E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.30E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.30E-05
5538	ALL	462967.1	3773928	NonCancer	0.00E+00	4.56E-09	0.00E+00	3.22E-10	3.22E-10	1.52E-07	1.32E-05	0.00E+00	1.40E-08	0.00E+00	3.22E-10	5.20E-07	0.00E+00	0.00E+00	1.32E-05
5539	ALL	462976.4	3773928	NonCancer	0.00E+00	4.65E-09	0.00E+00	3.28E-10	3.28E-10	1.55E-07	1.35E-05	0.00E+00	1.43E-08	0.00E+00	3.28E-10	5.31E-07	0.00E+00	0.00E+00	1.35E-05
5540	ALL	462985.8	3773928	NonCancer	0.00E+00	4.74E-09	0.00E+00	3.35E-10	3.35E-10	1.58E-07	1.37E-05	0.00E+00	1.46E-08	0.00E+00	3.35E-10	5.41E-07	0.00E+00	0.00E+00	1.37E-05
5541	ALL	462995.1	3773928	NonCancer	0.00E+00	4.83E-09	0.00E+00	3.42E-10	3.42E-10	1.61E-07	1.39E-05	0.00E+00	1.49E-08	0.00E+00	3.42E-10	5.52E-07	0.00E+00	0.00E+00	1.39E-05
5542	ALL	462929.8	3773968	NonCancer	0.00E+00	3.97E-09	0.00E+00	2.81E-10	2.81E-10	1.32E-07	1.16E-05	0.00E+00	1.22E-08	0.00E+00	2.81E-10	4.53E-07	0.00E+00	0.00E+00	1.16E-05
5543	ALL	462939.1	3773968	NonCancer	0.00E+00	4.04E-09	0.00E+00	2.86E-10	2.86E-10	1.35E-07	1.17E-05	0.00E+00	1.24E-08	0.00E+00	2.86E-10	4.61E-07	0.00E+00	0.00E+00	1.17E-05
5544	ALL	462948.5	3773968	NonCancer	0.00E+00	4.13E-09	0.00E+00	2.92E-10	2.92E-10	1.38E-07	1.20E-05	0.00E+00	1.27E-08	0.00E+00	2.92E-10	4.72E-07	0.00E+00	0.00E+00	1.20E-05
5545	ALL	462957.8	3773968	NonCancer	0.00E+00	4.23E-09	0.00E+00	2.99E-10	2.99E-10	1.41E-07	1.22E-05	0.00E+00	1.30E-08	0.00E+00	2.99E-10	4.82E-07	0.00E+00	0.00E+00	1.22E-05
5546	ALL	462967.1	3773968	NonCancer	0.00E+00	4.32E-09	0.00E+00	3.05E-10	3.05E-10	1.44E-07	1.25E-05	0.00E+00	1.33E-08	0.00E+00	3.05E-10	4.93E-07	0.00E+00	0.00E+00	1.25E-05
5547	ALL	462976.4	3773968	NonCancer	0.00E+00	4.41E-09	0.00E+00	3.12E-10	3.12E-10	1.47E-07	1.27E-05	0.00E+00	1.36E-08	0.00E+00	3.12E-10	5.03E-07	0.00E+00	0.00E+00	1.27E-05
5548	ALL	462985.8	3773968	NonCancer	0.00E+00	4.50E-09	0.00E+00	3.18E-10	3.18E-10	1.50E-07	1.29E-05	0.00E+00	1.38E-08	0.00E+00	3.18E-10	5.13E-07	0.00E+00	0.00E+00	1.29E-05
5549	ALL	462995.1	3773968	NonCancer	0.00E+00	4.59E-09	0.00E+00	3.24E-10	3.24E-10	1.53E-07	1.32E-05	0.00E+00	1.41E-08	0.00E+00	3.24E-10	5.24E-07	0.00E+00	0.00E+00	1.32E-05
5550	ALL	463004.4	3773968	NonCancer	0.00E+00	4.69E-09	0.00E+00	3.31E-10	3.31E-10	1.56E-07	1.34E-05	0.00E+00	1.44E-08	0.00E+00	3.31E-10	5.35E-07	0.00E+00	0.00E+00	1.34E-05
5551	ALL	462929.8	3774008	NonCancer	0.00E+00	3.78E-09	0.00E+00	2.67E-10	2.67E-10	1.26E-07	1.09E-05	0.00E+00	1.16E-08	0.00E+00	2.67E-10	4.31E-07	0.00E+00	0.00E+00	1.09E-05
5552	ALL	462939.1	3774008	NonCancer	0.00E+00	3.87E-09	0.00E+00	2.73E-10	2.73E-10	1.29E-07	1.12E-05	0.00E+00	1.19E-08	0.00E+00	2.73E-10	4.41E-07	0.00E+00	0.00E+00	1.12E-05
5553	ALL	462948.5	3774008	NonCancer	0.00E+00	3.94E-09	0.00E+00	2.78E-10	2.78E-10	1.31E-07	1.14E-05	0.00E+00	1.21E-08	0.00E+00	2.78E-10	4.50E-07	0.00E+00	0.00E+00	1.14E-05
5554	ALL	462957.8	3774008	NonCancer	0.00E+00	4.01E-09	0.00E+00	2.84E-10	2.84E-10	1.34E-07	1.15E-05	0.00E+00	1.24E-08	0.00E+00	2.84E-10	4.58E-07	0.00E+00	0.00E+00	1.15E-05
5555	ALL	462967.1	3774008	NonCancer	0.00E+00	4.09E-09	0.00E+00	2.89E-10	2.89E-10	1.36E-07	1.17E-05	0.00E+00	1.26E-08	0.00E+00	2.89E-10	4.67E-07	0.00E+00	0.00E+00	1.17E-05
5556	ALL	462976.4	3774008	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.19E-05	0.00E+00	1.28E-08	0.00E+00	2.95E-10	4.76E-07	0.00E+00	0.00E+00	1.19E-05
5557	ALL	462985.8	3774008	NonCancer	0.00E+00	4.25E-09	0.00E+00	3.00E-10	3.00E-10	1.42E-07	1.21E-05	0.00E+00	1.31E-08	0.00E+00	3.00E-10	4.85E-07	0.00E+00	0.00E+00	1.21E-05
5558	ALL	462995.1	3774008	NonCancer	0.00E+00	4.34E-09	0.00E+00	3.07E-10	3.07E-10	1.45E-07	1.24E-05	0.00E+00	1.34E-08	0.00E+00	3.07E-10	4.95E-07	0.00E+00	0.00E+00	1.24E-05
5559	ALL	463004.4	3774008	NonCancer	0.00E+00	4.43E-09	0.00E+00	3.13E-10	3.13E-10	1.48E-07	1.26E-05	0.00E+00	1.36E-08	0.00E+00	3.13E-10	5.06E-07	0.00E+00	0.00E+00	1.26E-05
5560	ALL	462929.8	3774168	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.08E-10	2.08E-10	9.82E-08	8.39E-06	0.00E+00	9.07E-09	0.00E+00	2.08E-10	3.36E-07	0.00E+00	0.00E+00	8.39E-06

5561	ALL	462939.1	3774168	NonCancer	0.00E+00	3.00E-09	0.00E+00	2.12E-10	2.12E-10	9.99E-08	8.52E-06	0.00E+00	9.23E-09	0.00E+00	2.12E-10	3.42E-07	0.00E+00	0.00E+00	8.52E-06
5562	ALL	462948.5	3774168	NonCancer	0.00E+00	3.05E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	8.65E-06	0.00E+00	9.39E-09	0.00E+00	2.16E-10	3.48E-07	0.00E+00	0.00E+00	8.65E-06
5563	ALL	462957.8	3774168	NonCancer	0.00E+00	3.11E-09	0.00E+00	2.19E-10	2.19E-10	1.04E-07	8.79E-06	0.00E+00	9.56E-09	0.00E+00	2.19E-10	3.54E-07	0.00E+00	0.00E+00	8.79E-06
5564	ALL	462967.1	3774168	NonCancer	0.00E+00	3.16E-09	0.00E+00	2.23E-10	2.23E-10	1.05E-07	8.94E-06	0.00E+00	9.74E-09	0.00E+00	2.23E-10	3.61E-07	0.00E+00	0.00E+00	8.94E-06
5565	ALL	462976.4	3774168	NonCancer	0.00E+00	3.24E-09	0.00E+00	2.29E-10	2.29E-10	1.08E-07	9.13E-06	0.00E+00	9.97E-09	0.00E+00	2.29E-10	3.69E-07	0.00E+00	0.00E+00	9.13E-06
5566	ALL	462985.8	3774168	NonCancer	0.00E+00	3.32E-09	0.00E+00	2.35E-10	2.35E-10	1.11E-07	9.35E-06	0.00E+00	1.02E-08	0.00E+00	2.35E-10	3.79E-07	0.00E+00	0.00E+00	9.35E-06
5567	ALL	462995.1	3774168	NonCancer	0.00E+00	3.41E-09	0.00E+00	2.41E-10	2.41E-10	1.14E-07	9.58E-06	0.00E+00	1.05E-08	0.00E+00	2.41E-10	3.89E-07	0.00E+00	0.00E+00	9.58E-06
5568	ALL	462929.8	3774208	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.96E-10	1.96E-10	9.26E-08	7.89E-06	0.00E+00	8.55E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	7.89E-06
5569	ALL	462939.1	3774208	NonCancer	0.00E+00	2.82E-09	0.00E+00	1.99E-10	1.99E-10	9.41E-08	8.01E-06	0.00E+00	8.69E-09	0.00E+00	1.99E-10	3.22E-07	0.00E+00	0.00E+00	8.01E-06
5570	ALL	462948.5	3774208	NonCancer	0.00E+00	2.87E-09	0.00E+00	2.03E-10	2.03E-10	9.57E-08	8.13E-06	0.00E+00	8.84E-09	0.00E+00	2.03E-10	3.28E-07	0.00E+00	0.00E+00	8.13E-06
5571	ALL	462957.8	3774208	NonCancer	0.00E+00	2.92E-09	0.00E+00	2.06E-10	2.06E-10	9.74E-08	8.26E-06	0.00E+00	8.99E-09	0.00E+00	2.06E-10	3.33E-07	0.00E+00	0.00E+00	8.26E-06
5572	ALL	462967.1	3774208	NonCancer	0.00E+00	2.97E-09	0.00E+00	2.10E-10	2.10E-10	9.92E-08	8.39E-06	0.00E+00	9.16E-09	0.00E+00	2.10E-10	3.39E-07	0.00E+00	0.00E+00	8.39E-06
5573	ALL	462976.4	3774208	NonCancer	0.00E+00	3.03E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	8.55E-06	0.00E+00	9.34E-09	0.00E+00	2.14E-10	3.46E-07	0.00E+00	0.00E+00	8.55E-06
5574	ALL	462985.8	3774208	NonCancer	0.00E+00	3.10E-09	0.00E+00	2.19E-10	2.19E-10	1.03E-07	8.71E-06	0.00E+00	9.54E-09	0.00E+00	2.19E-10	3.54E-07	0.00E+00	0.00E+00	8.71E-06
5575	ALL	462995.1	3774208	NonCancer	0.00E+00	3.17E-09	0.00E+00	2.24E-10	2.24E-10	1.06E-07	8.89E-06	0.00E+00	9.75E-09	0.00E+00	2.24E-10	3.61E-07	0.00E+00	0.00E+00	8.89E-06
5576	ALL	462929.8	3774248	NonCancer	0.00E+00	2.60E-09	0.00E+00	1.84E-10	1.84E-10	8.67E-08	7.38E-06	0.00E+00	8.00E-09	0.00E+00	1.84E-10	2.97E-07	0.00E+00	0.00E+00	7.38E-06
5577	ALL	462939.1	3774248	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.87E-10	1.87E-10	8.81E-08	7.49E-06	0.00E+00	8.13E-09	0.00E+00	1.87E-10	3.01E-07	0.00E+00	0.00E+00	7.49E-06
5578	ALL	462948.5	3774248	NonCancer	0.00E+00	2.69E-09	0.00E+00	1.90E-10	1.90E-10	8.95E-08	7.60E-06	0.00E+00	8.27E-09	0.00E+00	1.90E-10	3.06E-07	0.00E+00	0.00E+00	7.60E-06
5579	ALL	462957.8	3774248	NonCancer	0.00E+00	2.73E-09	0.00E+00	1.93E-10	1.93E-10	9.10E-08	7.71E-06	0.00E+00	8.41E-09	0.00E+00	1.93E-10	3.12E-07	0.00E+00	0.00E+00	7.71E-06
5580	ALL	462967.1	3774248	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.96E-10	1.96E-10	9.26E-08	7.83E-06	0.00E+00	8.55E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	7.83E-06
5581	ALL	462976.4	3774248	NonCancer	0.00E+00	2.83E-09	0.00E+00	2.00E-10	2.00E-10	9.44E-08	7.97E-06	0.00E+00	8.71E-09	0.00E+00	2.00E-10	3.23E-07	0.00E+00	0.00E+00	7.97E-06
5582	ALL	462985.8	3774248	NonCancer	0.00E+00	2.89E-09	0.00E+00	2.04E-10	2.04E-10	9.62E-08	8.11E-06	0.00E+00	8.88E-09	0.00E+00	2.04E-10	3.29E-07	0.00E+00	0.00E+00	8.11E-06
5583	ALL	462995.1	3774248	NonCancer	0.00E+00	2.94E-09	0.00E+00	2.08E-10	2.08E-10	9.81E-08	8.25E-06	0.00E+00	9.06E-09	0.00E+00	2.08E-10	3.36E-07	0.00E+00	0.00E+00	8.25E-06
5584	ALL	463004.4	3774248	NonCancer	0.00E+00	3.00E-09	0.00E+00	2.12E-10	2.12E-10	1.00E-07	8.40E-06	0.00E+00	9.24E-09	0.00E+00	2.12E-10	3.42E-07	0.00E+00	0.00E+00	8.40E-06

* MODELING OPTIONS USED: RegDFAULT CONC ELEV URBAN ADJ_U*
* PLOT FILE OF PERIOD VALUES FOR SOURCE GROUP: ALL
* FOR A TOTAL OF 5584 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM HRS	NET ID
463037.24000	3773493.36000	2.1665330e-04	386.57	386.57	0.00	PERIOD	ALL	00043848	
463090.56000	3773488.92000	2.3408070e-04	386.42	386.42	0.00	PERIOD	ALL	00043848	
463077.31000	3773495.00000	2.2491510e-04	386.62	386.62	0.00	PERIOD	ALL	00043848	
463064.06000	3773501.07000	2.1592370e-04	386.82	386.82	0.00	PERIOD	ALL	00043848	
463050.81000	3773507.14000	2.0551770e-04	387.01	387.01	0.00	PERIOD	ALL	00043848	
463037.55000	3773513.21000	1.9694010e-04	387.17	387.17	0.00	PERIOD	ALL	00043848	
463134.25000	3773488.91000	2.4385150e-04	386.42	386.42	0.00	PERIOD	ALL	00043848	
463121.26000	3773494.86000	2.3487940e-04	386.62	386.62	0.00	PERIOD	ALL	00043848	
463108.28000	3773500.81000	2.2618940e-04	386.82	386.82	0.00	PERIOD	ALL	00043848	
463095.30000	3773506.76000	2.1646450e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463082.32000	3773512.70000	2.0860530e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463069.33000	3773518.65000	2.0097660e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463056.35000	3773524.60000	1.9341110e-04	387.07	387.07	0.00	PERIOD	ALL	00043848	
463043.37000	3773530.55000	1.8526670e-04	387.44	387.44	0.00	PERIOD	ALL	00043848	
463195.14000	3773491.01000	2.5895100e-04	386.49	386.49	0.00	PERIOD	ALL	00043848	
463181.99000	3773497.04000	2.4882540e-04	386.69	386.69	0.00	PERIOD	ALL	00043848	
463168.84000	3773503.06000	2.3883570e-04	386.89	386.89	0.00	PERIOD	ALL	00043848	
463155.68000	3773509.09000	2.2971920e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463142.53000	3773515.12000	2.2130340e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463129.38000	3773521.14000	2.1334160e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463116.22000	3773527.17000	2.0574830e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463103.07000	3773533.19000	1.9848340e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463089.92000	3773539.22000	1.9127680e-04	387.10	387.10	0.00	PERIOD	ALL	00043848	
463076.76000	3773545.25000	1.8405430e-04	387.30	387.30	0.00	PERIOD	ALL	00043848	
463063.61000	3773551.27000	1.7703610e-04	387.50	387.50	0.00	PERIOD	ALL	00043848	
463050.46000	3773557.30000	1.6999300e-04	387.79	387.79	0.00	PERIOD	ALL	00043848	
463037.30000	3773563.32000	1.6340120e-04	387.97	387.97	0.00	PERIOD	ALL	00043848	
463257.58000	3773492.41000	2.8848880e-04	386.00	386.00	0.00	PERIOD	ALL	00043848	
463244.60000	3773498.36000	2.7531470e-04	386.00	386.00	0.00	PERIOD	ALL	00043848	
463231.61000	3773504.30000	2.6318360e-04	386.25	386.25	0.00	PERIOD	ALL	00043848	
463218.63000	3773510.25000	2.5182910e-04	386.74	386.74	0.00	PERIOD	ALL	00043848	
463205.65000	3773516.20000	2.4144440e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463192.67000	3773522.15000	2.3191540e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463179.68000	3773528.10000	2.2306620e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463166.70000	3773534.04000	2.1482030e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463153.72000	3773539.99000	2.0688690e-04	387.11	387.11	0.00	PERIOD	ALL	00043848	
463140.74000	3773545.94000	1.9916210e-04	387.32	387.32	0.00	PERIOD	ALL	00043848	
463127.75000	3773551.89000	1.9180020e-04	387.52	387.52	0.00	PERIOD	ALL	00043848	
463114.77000	3773557.83000	1.8475360e-04	387.72	387.72	0.00	PERIOD	ALL	00043848	
463101.79000	3773563.78000	1.7797630e-04	387.91	387.91	0.00	PERIOD	ALL	00043848	
463088.81000	3773569.73000	1.7166670e-04	388.00	388.00	0.00	PERIOD	ALL	00043848	
463075.82000	3773575.68000	1.6580620e-04	388.00	388.00	0.00	PERIOD	ALL	00043848	
463062.84000	3773581.63000	1.6014570e-04	388.00	388.00	0.00	PERIOD	ALL	00043848	
463049.86000	3773587.57000	1.5467550e-04	388.00	388.00	0.00	PERIOD	ALL	00043848	
463036.88000	3773593.52000	1.4937950e-04	388.00	388.00	0.00	PERIOD	ALL	00043848	
463293.21000	3773506.09000	3.0954960e-04	386.00	386.00	0.00	PERIOD	ALL	00043848	
463280.08000	3773512.10000	2.9136290e-04	386.19	386.19	0.00	PERIOD	ALL	00043848	
463266.96000	3773518.11000	2.7561950e-04	386.39	386.39	0.00	PERIOD	ALL	00043848	
463253.83000	3773524.13000	2.6175050e-04	386.59	386.59	0.00	PERIOD	ALL	00043848	
463240.70000	3773530.14000	2.4934620e-04	386.79	386.79	0.00	PERIOD	ALL	00043848	
463227.58000	3773536.15000	2.3819790e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463214.45000	3773542.17000	2.2797860e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463201.32000	3773548.18000	2.1863710e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463188.20000	3773554.20000	2.1003460e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463175.07000	3773560.21000	2.0188140e-04	387.12	387.12	0.00	PERIOD	ALL	00043848	
463161.94000	3773566.22000	1.9359400e-04	387.59	387.59	0.00	PERIOD	ALL	00043848	
463148.81000	3773572.24000	1.8572560e-04	388.00	388.00	0.00	PERIOD	ALL	00043848	
463135.69000	3773578.25000	1.7914020e-04	388.00	388.00	0.00	PERIOD	ALL	00043848	
463122.56000	3773584.27000	1.7289550e-04	388.00	388.00	0.00	PERIOD	ALL	00043848	
463109.43000	3773590.28000	1.6695330e-04	388.00	388.00	0.00	PERIOD	ALL	00043848	
463096.31000	3773596.29000	1.6127080e-04	388.00	388.00	0.00	PERIOD	ALL	00043848	
463083.18000	3773602.31000	1.5523940e-04	388.20	388.20	0.00	PERIOD	ALL	00043848	
463070.05000	3773608.32000	1.4935930e-04	388.40	388.40	0.00	PERIOD	ALL	00043848	
463056.93000	3773614.33000	1.4371950e-04	388.60	388.60	0.00	PERIOD	ALL	00043848	
463043.80000	3773620.35000	1.3830700e-04	388.80	388.80	0.00	PERIOD	ALL	00043848	
463304.53000	3773497.56000	3.3012020e-04	386.00	386.00	0.00	PERIOD	ALL	00043848	
463315.87000	3773525.71000	3.2932250e-04	386.30	386.30	0.00	PERIOD	ALL	00043848	
463302.61000	3773531.78000	3.0464270e-04	386.76	386.76	0.00	PERIOD	ALL	00043848	
463289.36000	3773537.85000	2.8514810e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463276.11000	3773543.92000	2.6796160e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463262.85000	3773549.99000	2.5310130e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463249.60000	3773556.06000	2.4007310e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463236.35000	3773562.14000	2.2849810e-04	387.00	387.00	0.00	PERIOD	ALL	00043848	
463223.10000	3773568.21000	2.1804570e-04	387.06	387.06	0.00	PERIOD	ALL	00043848	

463209.84000	3773574.28000	2.0836360e-04	387.26	387.26	0.00	PERIOD	ALL	00043848
463196.59000	3773580.35000	1.9944060e-04	387.47	387.47	0.00	PERIOD	ALL	00043848
463183.34000	3773586.42000	1.9119420e-04	387.67	387.67	0.00	PERIOD	ALL	00043848
463170.08000	3773592.49000	1.8341030e-04	387.91	387.91	0.00	PERIOD	ALL	00043848
463156.83000	3773598.57000	1.7638840e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463143.58000	3773604.64000	1.6999580e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463130.32000	3773610.71000	1.6397110e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463117.07000	3773616.78000	1.5811550e-04	388.06	388.06	0.00	PERIOD	ALL	00043848
463103.82000	3773622.85000	1.5151740e-04	388.47	388.47	0.00	PERIOD	ALL	00043848
463090.56000	3773628.92000	1.4499400e-04	388.97	388.97	0.00	PERIOD	ALL	00043848
463077.31000	3773635.00000	1.3999620e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463064.06000	3773641.07000	1.3527850e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463050.81000	3773647.14000	1.3074550e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463037.55000	3773653.21000	1.2638470e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463327.25000	3773517.15000	3.5724210e-04	386.03	386.03	0.00	PERIOD	ALL	00043848
463338.66000	3773545.26000	3.7124730e-04	386.30	386.30	0.00	PERIOD	ALL	00043848
463325.55000	3773551.27000	3.3480640e-04	386.57	386.57	0.00	PERIOD	ALL	00043848
463312.44000	3773557.27000	3.0725820e-04	386.87	386.87	0.00	PERIOD	ALL	00043848
463299.34000	3773563.28000	2.8441240e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
463286.23000	3773569.28000	2.6544760e-04	387.10	387.10	0.00	PERIOD	ALL	00043848
463273.12000	3773575.29000	2.4922310e-04	387.30	387.30	0.00	PERIOD	ALL	00043848
463260.01000	3773581.29000	2.3513130e-04	387.50	387.50	0.00	PERIOD	ALL	00043848
463246.91000	3773587.30000	2.2269900e-04	387.70	387.70	0.00	PERIOD	ALL	00043848
463233.80000	3773593.30000	2.1157190e-04	387.90	387.90	0.00	PERIOD	ALL	00043848
463220.69000	3773599.31000	2.0167980e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463207.58000	3773605.31000	1.9290270e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463194.48000	3773611.32000	1.8490490e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463181.37000	3773617.32000	1.7756180e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463168.26000	3773623.33000	1.7077000e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463155.16000	3773629.33000	1.6422370e-04	388.10	388.10	0.00	PERIOD	ALL	00043848
463142.05000	3773635.34000	1.5778190e-04	388.30	388.30	0.00	PERIOD	ALL	00043848
463128.94000	3773641.34000	1.5168100e-04	388.50	388.50	0.00	PERIOD	ALL	00043848
463115.83000	3773647.35000	1.4581630e-04	388.74	388.74	0.00	PERIOD	ALL	00043848
463102.73000	3773653.35000	1.4031500e-04	388.96	388.96	0.00	PERIOD	ALL	00043848
463089.62000	3773659.36000	1.3548910e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463076.51000	3773665.36000	1.3067630e-04	389.13	389.13	0.00	PERIOD	ALL	00043848
463063.40000	3773671.37000	1.2561390e-04	389.44	389.44	0.00	PERIOD	ALL	00043848
463050.30000	3773677.37000	1.2086020e-04	389.70	389.70	0.00	PERIOD	ALL	00043848
463037.19000	3773683.38000	1.1643530e-04	389.90	389.90	0.00	PERIOD	ALL	00043848
463349.97000	3773536.74000	4.1450520e-04	386.01	386.01	0.00	PERIOD	ALL	00043848
463361.32000	3773564.88000	4.5605860e-04	386.90	386.90	0.00	PERIOD	ALL	00043848
463348.10000	3773570.94000	3.9170560e-04	387.06	387.06	0.00	PERIOD	ALL	00043848
463334.89000	3773576.99000	3.4655300e-04	387.29	387.29	0.00	PERIOD	ALL	00043848
463321.67000	3773583.05000	3.1267850e-04	387.56	387.56	0.00	PERIOD	ALL	00043848
463308.45000	3773589.10000	2.8611380e-04	387.76	387.76	0.00	PERIOD	ALL	00043848
463295.23000	3773595.16000	2.6448150e-04	387.96	387.96	0.00	PERIOD	ALL	00043848
463282.01000	3773601.22000	2.4661550e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463268.79000	3773607.27000	2.3148400e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463255.57000	3773613.33000	2.1840320e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463242.36000	3773619.38000	2.0695160e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463229.14000	3773625.44000	1.9678910e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463215.92000	3773631.50000	1.8732380e-04	388.17	388.17	0.00	PERIOD	ALL	00043848
463202.70000	3773637.55000	1.7859320e-04	388.37	388.37	0.00	PERIOD	ALL	00043848
463189.48000	3773643.61000	1.7056760e-04	388.58	388.58	0.00	PERIOD	ALL	00043848
463176.26000	3773649.66000	1.6320940e-04	388.78	388.78	0.00	PERIOD	ALL	00043848
463163.04000	3773655.72000	1.5639640e-04	388.98	388.98	0.00	PERIOD	ALL	00043848
463149.82000	3773661.78000	1.5045460e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463136.61000	3773667.83000	1.4494880e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463123.39000	3773673.89000	1.3976880e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463110.17000	3773679.94000	1.3487990e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463096.95000	3773686.00000	1.3024230e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463083.73000	3773692.05000	1.2508630e-04	389.35	389.35	0.00	PERIOD	ALL	00043848
463070.51000	3773698.11000	1.1992750e-04	389.78	389.78	0.00	PERIOD	ALL	00043848
463057.29000	3773704.17000	1.1544390e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463044.08000	3773710.22000	1.1164600e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463372.69000	3773556.33000	5.4035470e-04	386.38	386.38	0.00	PERIOD	ALL	00043848
463384.11000	3773584.44000	6.6198710e-04	386.68	386.68	0.00	PERIOD	ALL	00043848
463371.01000	3773590.44000	5.1271300e-04	386.93	386.93	0.00	PERIOD	ALL	00043848
463357.92000	3773596.44000	4.2543020e-04	387.06	387.06	0.00	PERIOD	ALL	00043848
463344.83000	3773602.44000	3.6743920e-04	387.60	387.60	0.00	PERIOD	ALL	00043848
463331.73000	3773608.44000	3.2582470e-04	387.96	387.96	0.00	PERIOD	ALL	00043848
463318.64000	3773614.43000	2.9463240e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463305.55000	3773620.43000	2.7001540e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463292.46000	3773626.43000	2.4993930e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463279.36000	3773632.43000	2.3280070e-04	388.20	388.20	0.00	PERIOD	ALL	00043848
463266.27000	3773638.43000	2.1807560e-04	388.40	388.40	0.00	PERIOD	ALL	00043848
463253.18000	3773644.43000	2.0525500e-04	388.60	388.60	0.00	PERIOD	ALL	00043848
463240.09000	3773650.42000	1.9395800e-04	388.80	388.80	0.00	PERIOD	ALL	00043848
463226.99000	3773656.42000	1.8388440e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463213.90000	3773662.42000	1.7525170e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463200.81000	3773668.42000	1.6745500e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463187.72000	3773674.42000	1.6035740e-04	389.00	389.00	0.00	PERIOD	ALL	00043848

463174.62000	3773680.41000	1.5384780e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463161.53000	3773686.41000	1.4783980e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463148.44000	3773692.41000	1.4185220e-04	389.20	389.20	0.00	PERIOD	ALL	00043848
463135.35000	3773698.41000	1.3621330e-04	389.40	389.40	0.00	PERIOD	ALL	00043848
463122.25000	3773704.41000	1.3089260e-04	389.60	389.60	0.00	PERIOD	ALL	00043848
463109.16000	3773710.40000	1.2587440e-04	389.80	389.80	0.00	PERIOD	ALL	00043848
463096.07000	3773716.40000	1.2110110e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463082.98000	3773722.40000	1.1698860e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463069.88000	3773728.40000	1.1307580e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463056.79000	3773734.40000	1.0922190e-04	390.06	390.06	0.00	PERIOD	ALL	00043848
463043.70000	3773740.40000	1.0489080e-04	390.43	390.43	0.00	PERIOD	ALL	00043848
463395.41000	3773575.92000	9.2492640e-04	386.32	386.32	0.00	PERIOD	ALL	00043848
463406.77000	3773604.06000	1.6845360e-03	387.11	387.11	0.00	PERIOD	ALL	00043848
463393.58000	3773610.10000	8.5227560e-04	387.40	387.40	0.00	PERIOD	ALL	00043848
463380.39000	3773616.15000	5.9834740e-04	387.66	387.66	0.00	PERIOD	ALL	00043848
463367.20000	3773622.19000	4.7178670e-04	387.86	387.86	0.00	PERIOD	ALL	00043848
463354.01000	3773628.23000	3.9511000e-04	388.01	388.01	0.00	PERIOD	ALL	00043848
463340.82000	3773634.28000	3.4315560e-04	388.17	388.17	0.00	PERIOD	ALL	00043848
463327.62000	3773640.32000	3.0494820e-04	388.47	388.47	0.00	PERIOD	ALL	00043848
463314.43000	3773646.36000	2.7573380e-04	388.67	388.67	0.00	PERIOD	ALL	00043848
463301.24000	3773652.41000	2.5238340e-04	388.87	388.87	0.00	PERIOD	ALL	00043848
463288.05000	3773658.45000	2.3330420e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463274.86000	3773664.49000	2.1751180e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463261.66000	3773670.54000	2.0401380e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463248.47000	3773676.58000	1.9232280e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463235.28000	3773682.63000	1.8205590e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463222.09000	3773688.67000	1.7278830e-04	389.08	389.08	0.00	PERIOD	ALL	00043848
463208.90000	3773694.71000	1.6422650e-04	389.28	389.28	0.00	PERIOD	ALL	00043848
463195.70000	3773700.76000	1.5641910e-04	389.48	389.48	0.00	PERIOD	ALL	00043848
463182.51000	3773706.80000	1.4928160e-04	389.68	389.68	0.00	PERIOD	ALL	00043848
463169.32000	3773712.84000	1.4271170e-04	389.88	389.88	0.00	PERIOD	ALL	00043848
463156.13000	3773718.89000	1.3677970e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463142.94000	3773724.93000	1.3151390e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463129.74000	3773730.98000	1.2659440e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463116.55000	3773737.02000	1.2198600e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463103.36000	3773743.06000	1.1764760e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463090.17000	3773749.11000	1.1336560e-04	390.09	390.09	0.00	PERIOD	ALL	00043848
463076.98000	3773755.15000	1.0908630e-04	390.29	390.29	0.00	PERIOD	ALL	00043848
463063.78000	3773761.19000	1.0499470e-04	390.50	390.50	0.00	PERIOD	ALL	00043848
463050.59000	3773767.24000	1.0092530e-04	390.79	390.79	0.00	PERIOD	ALL	00043848
463037.40000	3773773.28000	9.7213700e-05	390.97	390.97	0.00	PERIOD	ALL	00043848
463403.39000	3773635.61000	1.3086940e-03	387.68	387.68	0.00	PERIOD	ALL	00043848
463390.31000	3773641.60000	7.5632790e-04	387.99	387.99	0.00	PERIOD	ALL	00043848
463377.23000	3773647.60000	5.5151450e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463364.15000	3773653.59000	4.4220590e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463351.06000	3773659.58000	3.7295930e-04	388.36	388.36	0.00	PERIOD	ALL	00043848
463337.98000	3773665.57000	3.2473780e-04	388.81	388.81	0.00	PERIOD	ALL	00043848
463324.90000	3773671.57000	2.8942840e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463311.82000	3773677.56000	2.6237460e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463298.74000	3773683.55000	2.4068250e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463285.66000	3773689.54000	2.2262100e-04	389.11	389.11	0.00	PERIOD	ALL	00043848
463272.58000	3773695.54000	2.0721800e-04	389.31	389.31	0.00	PERIOD	ALL	00043848
463259.50000	3773701.53000	1.9395380e-04	389.51	389.51	0.00	PERIOD	ALL	00043848
463246.42000	3773707.52000	1.8237310e-04	389.71	389.71	0.00	PERIOD	ALL	00043848
463233.34000	3773713.52000	1.7214590e-04	389.91	389.91	0.00	PERIOD	ALL	00043848
463220.26000	3773719.51000	1.6323790e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463207.17000	3773725.50000	1.5541360e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463194.09000	3773731.49000	1.4834420e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463181.01000	3773737.49000	1.4190280e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463167.93000	3773743.48000	1.3599700e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463154.85000	3773749.47000	1.3050750e-04	390.02	390.02	0.00	PERIOD	ALL	00043848
463141.77000	3773755.47000	1.2533190e-04	390.08	390.08	0.00	PERIOD	ALL	00043848
463128.69000	3773761.46000	1.2009170e-04	390.35	390.35	0.00	PERIOD	ALL	00043848
463115.61000	3773767.45000	1.1499890e-04	390.70	390.70	0.00	PERIOD	ALL	00043848
463102.53000	3773773.44000	1.1044540e-04	390.90	390.90	0.00	PERIOD	ALL	00043848
463089.45000	3773779.44000	1.0632530e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463076.37000	3773785.43000	1.0265760e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463063.28000	3773791.42000	9.9183000e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
463050.20000	3773797.42000	9.5390450e-05	391.22	391.22	0.00	PERIOD	ALL	00043848
463037.12000	3773803.41000	9.1291270e-05	391.68	391.68	0.00	PERIOD	ALL	00043848
463440.85000	3773615.11000	1.0581290e-03	387.00	387.00	0.00	PERIOD	ALL	00043848
463452.22000	3773643.24000	7.2332060e-04	387.56	387.56	0.00	PERIOD	ALL	00043848
463439.05000	3773649.27000	1.1432140e-03	387.76	387.76	0.00	PERIOD	ALL	00043848
463399.54000	3773667.37000	1.0524570e-03	388.37	388.37	0.00	PERIOD	ALL	00043848
463386.37000	3773673.41000	6.6734730e-04	388.57	388.57	0.00	PERIOD	ALL	00043848
463373.20000	3773679.44000	5.0175450e-04	388.77	388.77	0.00	PERIOD	ALL	00043848
463360.03000	3773685.47000	4.0795160e-04	388.97	388.97	0.00	PERIOD	ALL	00043848
463346.86000	3773691.51000	3.4727580e-04	389.07	389.07	0.00	PERIOD	ALL	00043848
463333.69000	3773697.54000	3.0410950e-04	389.32	389.32	0.00	PERIOD	ALL	00043848
463320.52000	3773703.58000	2.7162560e-04	389.57	389.57	0.00	PERIOD	ALL	00043848
463307.35000	3773709.61000	2.4619740e-04	389.78	389.78	0.00	PERIOD	ALL	00043848
463294.18000	3773715.64000	2.2562090e-04	389.98	389.98	0.00	PERIOD	ALL	00043848

463281.01000	3773721.68000	2.0888110e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463267.83000	3773727.71000	1.9475780e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463254.66000	3773733.75000	1.8262940e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463241.49000	3773739.78000	1.7206700e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463228.32000	3773745.81000	1.6275830e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463215.15000	3773751.85000	1.5411920e-04	390.18	390.18	0.00	PERIOD	ALL	00043848
463201.98000	3773757.88000	1.4628960e-04	390.38	390.38	0.00	PERIOD	ALL	00043848
463188.81000	3773763.91000	1.3915020e-04	390.59	390.59	0.00	PERIOD	ALL	00043848
463175.64000	3773769.95000	1.3284410e-04	390.68	390.68	0.00	PERIOD	ALL	00043848
463162.47000	3773775.98000	1.2772310e-04	390.42	390.42	0.00	PERIOD	ALL	00043848
463149.30000	3773782.02000	1.2293200e-04	390.20	390.20	0.00	PERIOD	ALL	00043848
463136.13000	3773788.05000	1.1724760e-04	390.67	390.67	0.00	PERIOD	ALL	00043848
463122.96000	3773794.08000	1.1217810e-04	390.96	390.96	0.00	PERIOD	ALL	00043848
463109.79000	3773800.12000	1.0790410e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463096.62000	3773806.15000	1.0397920e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463083.44000	3773812.19000	9.9845910e-05	391.20	391.20	0.00	PERIOD	ALL	00043848
463070.27000	3773818.22000	9.5947760e-05	391.40	391.40	0.00	PERIOD	ALL	00043848
463057.10000	3773824.25000	9.2209700e-05	391.63	391.63	0.00	PERIOD	ALL	00043848
463043.93000	3773830.29000	8.8603120e-05	391.90	391.90	0.00	PERIOD	ALL	00043848
463463.57000	3773634.70000	5.6693550e-04	387.28	387.28	0.00	PERIOD	ALL	00043848
463482.55000	3773669.34000	4.2314570e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463469.45000	3773675.34000	5.0665780e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463456.35000	3773681.34000	6.4881880e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463443.25000	3773687.35000	9.5293760e-04	388.24	388.24	0.00	PERIOD	ALL	00043848
463403.96000	3773705.35000	1.2946210e-03	389.00	389.00	0.00	PERIOD	ALL	00043848
463390.86000	3773711.35000	7.4041260e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463377.76000	3773717.35000	5.3509560e-04	389.01	389.01	0.00	PERIOD	ALL	00043848
463364.66000	3773723.35000	4.2541910e-04	389.19	389.19	0.00	PERIOD	ALL	00043848
463351.56000	3773729.35000	3.5611770e-04	389.59	389.59	0.00	PERIOD	ALL	00043848
463338.46000	3773735.36000	3.0822290e-04	389.89	389.89	0.00	PERIOD	ALL	00043848
463325.36000	3773741.36000	2.7329350e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463312.26000	3773747.36000	2.4647210e-04	390.02	390.02	0.00	PERIOD	ALL	00043848
463299.16000	3773753.36000	2.2464020e-04	390.23	390.23	0.00	PERIOD	ALL	00043848
463286.06000	3773759.36000	2.0666180e-04	390.43	390.43	0.00	PERIOD	ALL	00043848
463272.96000	3773765.36000	1.9150950e-04	390.63	390.63	0.00	PERIOD	ALL	00043848
463259.86000	3773771.36000	1.7850580e-04	390.83	390.83	0.00	PERIOD	ALL	00043848
463246.76000	3773777.37000	1.6721140e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463233.66000	3773783.37000	1.5765430e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463220.56000	3773789.37000	1.4918240e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463207.46000	3773795.37000	1.4160440e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463194.36000	3773801.37000	1.3477130e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463181.26000	3773807.37000	1.2849910e-04	391.03	391.03	0.00	PERIOD	ALL	00043848
463168.16000	3773813.37000	1.2239220e-04	391.23	391.23	0.00	PERIOD	ALL	00043848
463155.06000	3773819.37000	1.1676350e-04	391.43	391.43	0.00	PERIOD	ALL	00043848
463141.97000	3773825.38000	1.1155920e-04	391.63	391.63	0.00	PERIOD	ALL	00043848
463128.87000	3773831.38000	1.0672430e-04	391.83	391.83	0.00	PERIOD	ALL	00043848
463115.77000	3773837.38000	1.0227110e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463102.67000	3773843.38000	9.8413310e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
463089.57000	3773849.38000	9.4798350e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
463076.47000	3773855.38000	9.1402970e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
463063.37000	3773861.38000	8.8206970e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
463050.27000	3773867.39000	8.4620890e-05	392.34	392.34	0.00	PERIOD	ALL	00043848
463037.17000	3773873.39000	8.1037690e-05	392.81	392.81	0.00	PERIOD	ALL	00043848
463493.86000	3773660.82000	3.7443110e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463512.79000	3773695.49000	3.0953620e-04	388.31	388.31	0.00	PERIOD	ALL	00043848
463499.59000	3773701.54000	3.4718080e-04	388.51	388.51	0.00	PERIOD	ALL	00043848
463486.38000	3773707.59000	3.9850820e-04	388.71	388.71	0.00	PERIOD	ALL	00043848
463473.18000	3773713.64000	4.7350310e-04	388.91	388.91	0.00	PERIOD	ALL	00043848
463459.97000	3773719.69000	5.9686060e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463446.77000	3773725.73000	8.4367190e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463407.16000	3773743.88000	1.5380850e-03	389.00	389.00	0.00	PERIOD	ALL	00043848
463393.95000	3773749.93000	7.9669500e-04	389.12	389.12	0.00	PERIOD	ALL	00043848
463380.75000	3773755.98000	5.5620920e-04	389.52	389.52	0.00	PERIOD	ALL	00043848
463367.54000	3773762.03000	4.3344080e-04	389.87	389.87	0.00	PERIOD	ALL	00043848
463354.34000	3773768.08000	3.5895160e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463341.13000	3773774.13000	3.0863370e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463327.93000	3773780.18000	2.7171150e-04	390.18	390.18	0.00	PERIOD	ALL	00043848
463314.73000	3773786.23000	2.4281700e-04	390.66	390.66	0.00	PERIOD	ALL	00043848
463301.52000	3773792.28000	2.1997460e-04	390.97	390.97	0.00	PERIOD	ALL	00043848
463288.32000	3773798.33000	2.0182680e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463275.11000	3773804.38000	1.8670810e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463261.91000	3773810.43000	1.7376290e-04	391.04	391.04	0.00	PERIOD	ALL	00043848
463248.70000	3773816.48000	1.6221650e-04	391.24	391.24	0.00	PERIOD	ALL	00043848
463235.50000	3773822.53000	1.5188060e-04	391.54	391.54	0.00	PERIOD	ALL	00043848
463222.29000	3773828.57000	1.4291220e-04	391.74	391.74	0.00	PERIOD	ALL	00043848
463209.09000	3773834.62000	1.3490020e-04	391.94	391.94	0.00	PERIOD	ALL	00043848
463195.89000	3773840.67000	1.2794500e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463182.68000	3773846.72000	1.2174990e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463169.48000	3773852.77000	1.1610970e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463156.27000	3773858.82000	1.1093960e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463143.07000	3773864.87000	1.0618310e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463129.86000	3773870.92000	1.0152660e-04	392.15	392.15	0.00	PERIOD	ALL	00043848

463524.16000	3773686.94000	2.8458400e-04	388.02	388.02	0.00	PERIOD	ALL	00043848
463543.12000	3773721.59000	2.4607770e-04	388.90	388.90	0.00	PERIOD	ALL	00043848
463529.98000	3773727.61000	2.6742470e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463516.84000	3773733.63000	2.9407740e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463503.70000	3773739.65000	3.2850150e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463490.56000	3773745.67000	3.7485430e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463477.42000	3773751.69000	4.4111080e-04	389.18	389.18	0.00	PERIOD	ALL	00043848
463464.28000	3773757.71000	5.4544880e-04	389.38	389.38	0.00	PERIOD	ALL	00043848
463451.15000	3773763.73000	7.3922750e-04	389.58	389.58	0.00	PERIOD	ALL	00043848
463398.59000	3773787.81000	9.2075100e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463385.45000	3773793.83000	6.0579020e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463372.31000	3773799.85000	4.5969220e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463359.17000	3773805.87000	3.7424540e-04	390.02	390.02	0.00	PERIOD	ALL	00043848
463346.03000	3773811.89000	3.1701730e-04	390.56	390.56	0.00	PERIOD	ALL	00043848
463332.89000	3773817.90000	2.7608490e-04	390.93	390.93	0.00	PERIOD	ALL	00043848
463319.76000	3773823.92000	2.4570360e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463306.62000	3773829.94000	2.2193260e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463293.48000	3773835.96000	2.0266670e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463280.34000	3773841.98000	1.8629220e-04	391.19	391.19	0.00	PERIOD	ALL	00043848
463267.20000	3773848.00000	1.7227480e-04	391.44	391.44	0.00	PERIOD	ALL	00043848
463254.06000	3773854.02000	1.5997570e-04	391.80	391.80	0.00	PERIOD	ALL	00043848
463240.92000	3773860.04000	1.4953970e-04	391.99	391.99	0.00	PERIOD	ALL	00043848
463227.78000	3773866.06000	1.4065540e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463554.45000	3773713.06000	2.3101970e-04	388.45	388.45	0.00	PERIOD	ALL	00043848
463573.36000	3773747.74000	2.0437370e-04	389.04	389.04	0.00	PERIOD	ALL	00043848
463560.13000	3773753.80000	2.1839170e-04	389.25	389.25	0.00	PERIOD	ALL	00043848
463546.90000	3773759.86000	2.3510030e-04	389.45	389.45	0.00	PERIOD	ALL	00043848
463533.67000	3773765.92000	2.5550090e-04	389.65	389.65	0.00	PERIOD	ALL	00043848
463520.44000	3773771.98000	2.8096370e-04	389.85	389.85	0.00	PERIOD	ALL	00043848
463507.21000	3773778.05000	3.1361100e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463493.98000	3773784.11000	3.5702400e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463480.75000	3773790.17000	4.1819350e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463467.51000	3773796.23000	5.1237500e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463454.28000	3773802.29000	6.8066260e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463441.05000	3773808.35000	1.0727090e-03	390.07	390.07	0.00	PERIOD	ALL	00043848
463401.36000	3773826.54000	1.0068320e-03	390.67	390.67	0.00	PERIOD	ALL	00043848
463388.13000	3773832.60000	6.3325870e-04	390.88	390.88	0.00	PERIOD	ALL	00043848
463374.90000	3773838.66000	4.7052910e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463361.66000	3773844.72000	3.7828790e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463348.43000	3773850.79000	3.1847390e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463335.20000	3773856.85000	2.7621990e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463321.97000	3773862.91000	2.4415340e-04	391.23	391.23	0.00	PERIOD	ALL	00043848
463308.74000	3773868.97000	2.1852180e-04	391.72	391.72	0.00	PERIOD	ALL	00043848
463584.74000	3773739.19000	1.9437570e-04	388.76	388.76	0.00	PERIOD	ALL	00043848
463603.69000	3773773.85000	1.7432370e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463590.52000	3773779.88000	1.8417000e-04	389.39	389.39	0.00	PERIOD	ALL	00043848
463577.35000	3773785.91000	1.9555470e-04	389.83	389.83	0.00	PERIOD	ALL	00043848
463564.18000	3773791.95000	2.0877690e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463551.00000	3773797.98000	2.2448610e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463537.83000	3773804.02000	2.4351850e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463524.66000	3773810.05000	2.6708660e-04	390.12	390.12	0.00	PERIOD	ALL	00043848
463511.49000	3773816.08000	2.9702060e-04	390.32	390.32	0.00	PERIOD	ALL	00043848
463498.32000	3773822.12000	3.3642440e-04	390.53	390.53	0.00	PERIOD	ALL	00043848
463485.15000	3773828.15000	3.9113860e-04	390.73	390.73	0.00	PERIOD	ALL	00043848
463471.98000	3773834.18000	4.7251540e-04	390.93	390.93	0.00	PERIOD	ALL	00043848
463458.81000	3773840.22000	6.0950310e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463445.64000	3773846.25000	8.9589880e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463406.13000	3773864.35000	1.2530260e-03	391.00	391.00	0.00	PERIOD	ALL	00043848
463615.03000	3773765.31000	1.6738320e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463633.94000	3773799.99000	1.5183720e-04	389.68	389.68	0.00	PERIOD	ALL	00043848
463620.69000	3773806.06000	1.5908710e-04	389.99	389.99	0.00	PERIOD	ALL	00043848
463607.43000	3773812.13000	1.6719550e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463594.18000	3773818.20000	1.7651350e-04	390.07	390.07	0.00	PERIOD	ALL	00043848
463580.93000	3773824.27000	1.8731510e-04	390.37	390.37	0.00	PERIOD	ALL	00043848
463567.67000	3773830.34000	1.9996120e-04	390.80	390.80	0.00	PERIOD	ALL	00043848
463554.42000	3773836.42000	2.1498890e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463541.17000	3773842.49000	2.3320420e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463527.91000	3773848.56000	2.5570100e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463514.66000	3773854.63000	2.8414250e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463501.41000	3773860.70000	3.2132990e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463488.16000	3773866.77000	3.7221460e-04	391.01	391.01	0.00	PERIOD	ALL	00043848
463474.90000	3773872.85000	4.4674620e-04	391.22	391.22	0.00	PERIOD	ALL	00043848
463461.65000	3773878.92000	5.6897860e-04	391.42	391.42	0.00	PERIOD	ALL	00043848
463448.40000	3773884.99000	8.1205110e-04	391.62	391.62	0.00	PERIOD	ALL	00043848
463645.33000	3773791.43000	1.4652020e-04	389.24	389.24	0.00	PERIOD	ALL	00043848
463664.26000	3773826.10000	1.3349040e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463651.06000	3773832.14000	1.3904290e-04	389.29	389.29	0.00	PERIOD	ALL	00043848
463637.87000	3773838.19000	1.4523080e-04	389.74	389.74	0.00	PERIOD	ALL	00043848
463624.67000	3773844.23000	1.5209390e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463611.47000	3773850.28000	1.5982080e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463598.28000	3773856.32000	1.6867120e-04	390.05	390.05	0.00	PERIOD	ALL	00043848
463585.08000	3773862.37000	1.7884530e-04	390.49	390.49	0.00	PERIOD	ALL	00043848

463571.88000	3773868.42000	1.9071140e-04	390.93	390.93	0.00	PERIOD	ALL	00043848
463558.69000	3773874.46000	2.0480990e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463545.49000	3773880.51000	2.2180030e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463532.29000	3773886.55000	2.4260610e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463519.10000	3773892.60000	2.6864470e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463505.90000	3773898.65000	3.0214920e-04	391.19	391.19	0.00	PERIOD	ALL	00043848
463492.70000	3773904.69000	3.4710560e-04	391.69	391.69	0.00	PERIOD	ALL	00043848
463479.50000	3773910.74000	4.1131080e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463466.31000	3773916.78000	5.1122360e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463453.11000	3773922.83000	6.9396370e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463675.62000	3773817.55000	1.2959520e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463694.58000	3773852.21000	1.1879680e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463681.43000	3773858.23000	1.2309730e-04	389.20	389.20	0.00	PERIOD	ALL	00043848
463668.29000	3773864.25000	1.2788030e-04	389.66	389.66	0.00	PERIOD	ALL	00043848
463655.14000	3773870.27000	1.3309100e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463641.99000	3773876.30000	1.3882980e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463628.85000	3773882.32000	1.4529240e-04	390.01	390.01	0.00	PERIOD	ALL	00043848
463615.70000	3773888.34000	1.5259300e-04	390.34	390.34	0.00	PERIOD	ALL	00043848
463602.56000	3773894.36000	1.6084820e-04	390.84	390.84	0.00	PERIOD	ALL	00043848
463589.41000	3773900.39000	1.7041320e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463576.27000	3773906.41000	1.8160410e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463563.12000	3773912.43000	1.9480810e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463549.97000	3773918.45000	2.1058630e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463536.83000	3773924.48000	2.2968070e-04	391.09	391.09	0.00	PERIOD	ALL	00043848
463523.68000	3773930.50000	2.5313140e-04	391.60	391.60	0.00	PERIOD	ALL	00043848
463705.91000	3773843.67000	1.1579030e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463724.83000	3773878.34000	1.0676800e-04	389.40	389.40	0.00	PERIOD	ALL	00043848
463711.62000	3773884.40000	1.1018100e-04	389.60	389.60	0.00	PERIOD	ALL	00043848
463698.40000	3773890.46000	1.1388670e-04	389.80	389.80	0.00	PERIOD	ALL	00043848
463685.18000	3773896.51000	1.1793920e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463671.96000	3773902.57000	1.2237070e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463658.74000	3773908.62000	1.2730720e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463645.52000	3773914.68000	1.3283210e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463632.30000	3773920.74000	1.3905220e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463619.09000	3773926.79000	1.4602660e-04	390.36	390.36	0.00	PERIOD	ALL	00043848
463736.20000	3773869.80000	1.0428450e-04	389.12	389.12	0.00	PERIOD	ALL	00043848
463755.15000	3773904.46000	9.6691740e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
463741.98000	3773910.49000	9.9323000e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
463728.81000	3773916.52000	1.0218930e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463715.64000	3773922.56000	1.0532220e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
463702.47000	3773928.59000	1.0877030e-04	390.08	390.08	0.00	PERIOD	ALL	00043848
463766.50000	3773895.92000	9.4891920e-05	389.99	389.99	0.00	PERIOD	ALL	00043848
463307.80000	3773488.75000	3.4149510e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463336.81000	3773491.36000	3.9771280e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463333.62000	3773499.95000	3.8338090e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463330.44000	3773508.55000	3.6993810e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463366.03000	3773493.39000	5.2224900e-04	385.91	385.91	0.00	PERIOD	ALL	00043848
463362.82000	3773502.06000	4.9638910e-04	385.98	385.98	0.00	PERIOD	ALL	00043848
463359.61000	3773510.73000	4.7307110e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463356.40000	3773519.40000	4.5185680e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463353.18000	3773528.07000	4.3238330e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463395.34000	3773495.19000	9.6931080e-04	385.63	385.63	0.00	PERIOD	ALL	00043848
463392.11000	3773503.93000	8.6447420e-04	385.92	385.92	0.00	PERIOD	ALL	00043848
463388.87000	3773512.66000	7.8245640e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463385.63000	3773521.40000	7.1629480e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463382.40000	3773530.13000	6.6158290e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463379.16000	3773538.86000	6.1514190e-04	386.03	386.03	0.00	PERIOD	ALL	00043848
463375.93000	3773547.60000	5.7525390e-04	386.17	386.17	0.00	PERIOD	ALL	00043848
463405.18000	3773549.55000	1.5366580e-03	386.00	386.00	0.00	PERIOD	ALL	00043848
463401.93000	3773558.34000	1.2495650e-03	386.00	386.00	0.00	PERIOD	ALL	00043848
463398.67000	3773567.13000	1.0596950e-03	386.03	386.03	0.00	PERIOD	ALL	00043848
463456.49000	3773491.98000	6.8999210e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463453.29000	3773500.61000	7.3738790e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463450.09000	3773509.24000	7.9517890e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463446.90000	3773517.87000	8.6748500e-04	385.09	385.09	0.00	PERIOD	ALL	00043848
463443.70000	3773526.49000	9.6081340e-04	385.20	385.20	0.00	PERIOD	ALL	00043848
463440.50000	3773535.12000	1.0849390e-03	385.31	385.31	0.00	PERIOD	ALL	00043848
463437.31000	3773543.75000	1.2594300e-03	385.56	385.56	0.00	PERIOD	ALL	00043848
463485.89000	3773493.54000	4.4682820e-04	384.79	384.79	0.00	PERIOD	ALL	00043848
463482.67000	3773502.22000	4.6016050e-04	384.90	384.90	0.00	PERIOD	ALL	00043848
463479.45000	3773510.91000	4.7505800e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463476.24000	3773519.59000	4.9169150e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463473.02000	3773528.27000	5.1053850e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463469.80000	3773536.96000	5.3197720e-04	385.01	385.01	0.00	PERIOD	ALL	00043848
463466.59000	3773545.64000	5.5668440e-04	385.14	385.14	0.00	PERIOD	ALL	00043848
463463.37000	3773554.32000	5.8552770e-04	385.33	385.33	0.00	PERIOD	ALL	00043848
463460.15000	3773563.01000	6.1936690e-04	385.58	385.58	0.00	PERIOD	ALL	00043848
463456.94000	3773571.69000	6.5933830e-04	385.94	385.94	0.00	PERIOD	ALL	00043848
463453.72000	3773580.37000	7.0745910e-04	386.33	386.33	0.00	PERIOD	ALL	00043848
463450.50000	3773589.06000	7.6669730e-04	386.73	386.73	0.00	PERIOD	ALL	00043848
463447.28000	3773597.74000	8.4123560e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
463444.07000	3773606.42000	9.3443650e-04	387.00	387.00	0.00	PERIOD	ALL	00043848

463518.58000	3773486.22000	3.3781750e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463515.34000	3773494.95000	3.4336190e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463512.11000	3773503.69000	3.4930200e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463508.87000	3773512.42000	3.5577010e-04	384.03	384.03	0.00	PERIOD	ALL	00043848
463505.63000	3773521.15000	3.6283570e-04	384.13	384.13	0.00	PERIOD	ALL	00043848
463502.40000	3773529.89000	3.7050140e-04	384.24	384.24	0.00	PERIOD	ALL	00043848
463499.16000	3773538.62000	3.7894970e-04	384.40	384.40	0.00	PERIOD	ALL	00043848
463495.93000	3773547.36000	3.8824340e-04	384.66	384.66	0.00	PERIOD	ALL	00043848
463492.69000	3773556.09000	3.9843600e-04	384.85	384.85	0.00	PERIOD	ALL	00043848
463489.46000	3773564.83000	4.0957490e-04	384.98	384.98	0.00	PERIOD	ALL	00043848
463486.22000	3773573.56000	4.2205240e-04	385.24	385.24	0.00	PERIOD	ALL	00043848
463482.98000	3773582.29000	4.3591750e-04	385.53	385.53	0.00	PERIOD	ALL	00043848
463479.75000	3773591.03000	4.5130490e-04	385.82	385.82	0.00	PERIOD	ALL	00043848
463476.51000	3773599.76000	4.6869430e-04	386.21	386.21	0.00	PERIOD	ALL	00043848
463473.28000	3773608.50000	4.8832120e-04	386.53	386.53	0.00	PERIOD	ALL	00043848
463470.04000	3773617.23000	5.1083540e-04	386.79	386.79	0.00	PERIOD	ALL	00043848
463466.81000	3773625.96000	5.3729440e-04	386.99	386.99	0.00	PERIOD	ALL	00043848
463558.58000	3773486.14000	2.6433850e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463555.34000	3773494.87000	2.6698720e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463552.11000	3773503.61000	2.6973260e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463548.87000	3773512.34000	2.7263120e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463545.63000	3773521.07000	2.7568780e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463542.40000	3773529.81000	2.7890590e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463539.16000	3773538.54000	2.8237090e-04	384.07	384.07	0.00	PERIOD	ALL	00043848
463535.93000	3773547.28000	2.8612040e-04	384.36	384.36	0.00	PERIOD	ALL	00043848
463532.69000	3773556.01000	2.9014220e-04	384.66	384.66	0.00	PERIOD	ALL	00043848
463529.46000	3773564.74000	2.9442210e-04	384.95	384.95	0.00	PERIOD	ALL	00043848
463526.22000	3773573.48000	2.9903120e-04	385.24	385.24	0.00	PERIOD	ALL	00043848
463522.98000	3773582.21000	3.0398500e-04	385.53	385.53	0.00	PERIOD	ALL	00043848
463519.75000	3773590.95000	3.0929870e-04	385.82	385.82	0.00	PERIOD	ALL	00043848
463516.51000	3773599.68000	3.1505740e-04	386.11	386.11	0.00	PERIOD	ALL	00043848
463513.28000	3773608.42000	3.2127720e-04	386.40	386.40	0.00	PERIOD	ALL	00043848
463510.04000	3773617.15000	3.2830060e-04	386.69	386.69	0.00	PERIOD	ALL	00043848
463506.81000	3773625.88000	3.3697680e-04	386.98	386.98	0.00	PERIOD	ALL	00043848
463503.57000	3773634.62000	3.4520860e-04	387.28	387.28	0.00	PERIOD	ALL	00043848
463500.33000	3773643.35000	3.5414100e-04	387.57	387.57	0.00	PERIOD	ALL	00043848
463497.10000	3773652.09000	3.6398640e-04	387.86	387.86	0.00	PERIOD	ALL	00043848
463598.58000	3773486.06000	2.1831090e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463595.34000	3773494.79000	2.1992270e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463592.11000	3773503.52000	2.2153250e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463588.87000	3773512.26000	2.2318880e-04	384.13	384.13	0.00	PERIOD	ALL	00043848
463585.63000	3773520.99000	2.2488210e-04	384.26	384.26	0.00	PERIOD	ALL	00043848
463582.40000	3773529.73000	2.2660940e-04	384.33	384.33	0.00	PERIOD	ALL	00043848
463579.16000	3773538.46000	2.2841180e-04	384.37	384.37	0.00	PERIOD	ALL	00043848
463575.93000	3773547.20000	2.3028750e-04	384.50	384.50	0.00	PERIOD	ALL	00043848
463572.69000	3773555.93000	2.3227220e-04	384.69	384.69	0.00	PERIOD	ALL	00043848
463569.46000	3773564.66000	2.3434950e-04	384.94	384.94	0.00	PERIOD	ALL	00043848
463566.22000	3773573.40000	2.3654900e-04	385.24	385.24	0.00	PERIOD	ALL	00043848
463562.98000	3773582.13000	2.3887330e-04	385.53	385.53	0.00	PERIOD	ALL	00043848
463559.75000	3773590.87000	2.4133290e-04	385.82	385.82	0.00	PERIOD	ALL	00043848
463556.51000	3773599.60000	2.4395740e-04	386.05	386.05	0.00	PERIOD	ALL	00043848
463553.28000	3773608.33000	2.4674290e-04	386.22	386.22	0.00	PERIOD	ALL	00043848
463550.04000	3773617.07000	2.4976010e-04	386.45	386.45	0.00	PERIOD	ALL	00043848
463546.81000	3773625.80000	2.5317830e-04	386.75	386.75	0.00	PERIOD	ALL	00043848
463543.57000	3773634.54000	2.5782510e-04	386.91	386.91	0.00	PERIOD	ALL	00043848
463540.33000	3773643.27000	2.6146570e-04	386.99	386.99	0.00	PERIOD	ALL	00043848
463537.10000	3773652.01000	2.6535720e-04	387.07	387.07	0.00	PERIOD	ALL	00043848
463533.86000	3773660.74000	2.6970660e-04	387.31	387.31	0.00	PERIOD	ALL	00043848
463530.63000	3773669.47000	2.7439040e-04	387.61	387.61	0.00	PERIOD	ALL	00043848
463527.39000	3773678.21000	2.7936000e-04	387.84	387.84	0.00	PERIOD	ALL	00043848
463638.58000	3773485.98000	1.8578140e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463635.34000	3773494.71000	1.8696350e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463632.11000	3773503.44000	1.8810460e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463628.87000	3773512.18000	1.8922890e-04	384.98	384.98	0.00	PERIOD	ALL	00043848
463625.63000	3773520.91000	1.9034270e-04	384.93	384.93	0.00	PERIOD	ALL	00043848
463622.40000	3773529.65000	1.9144240e-04	384.95	384.95	0.00	PERIOD	ALL	00043848
463619.16000	3773538.38000	1.9255620e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463615.93000	3773547.11000	1.9368020e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463612.69000	3773555.85000	1.9483480e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463609.46000	3773564.58000	1.9601590e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463606.22000	3773573.32000	1.9723770e-04	385.23	385.23	0.00	PERIOD	ALL	00043848
463602.98000	3773582.05000	1.9850160e-04	385.52	385.52	0.00	PERIOD	ALL	00043848
463599.75000	3773590.79000	1.9981880e-04	385.82	385.82	0.00	PERIOD	ALL	00043848
463596.51000	3773599.52000	2.0121010e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463593.28000	3773608.25000	2.0267870e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463590.04000	3773616.99000	2.0423520e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463586.81000	3773625.72000	2.0587180e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463583.57000	3773634.46000	2.0759260e-04	386.27	386.27	0.00	PERIOD	ALL	00043848
463580.33000	3773643.19000	2.0950620e-04	386.56	386.56	0.00	PERIOD	ALL	00043848
463577.10000	3773651.93000	2.1270190e-04	386.85	386.85	0.00	PERIOD	ALL	00043848
463573.86000	3773660.66000	2.1495110e-04	387.14	387.14	0.00	PERIOD	ALL	00043848
463570.63000	3773669.39000	2.1736200e-04	387.44	387.44	0.00	PERIOD	ALL	00043848

463567.39000	3773678.13000	2.1989470e-04	387.73	387.73	0.00	PERIOD	ALL	00043848
463564.16000	3773686.86000	2.2251200e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463560.92000	3773695.60000	2.2513350e-04	388.09	388.09	0.00	PERIOD	ALL	00043848
463557.68000	3773704.33000	2.2798230e-04	388.24	388.24	0.00	PERIOD	ALL	00043848
463678.58000	3773485.89000	1.6111740e-04	384.57	384.57	0.00	PERIOD	ALL	00043848
463675.34000	3773494.63000	1.6209790e-04	384.80	384.80	0.00	PERIOD	ALL	00043848
463672.11000	3773503.36000	1.6302020e-04	384.96	384.96	0.00	PERIOD	ALL	00043848
463668.87000	3773512.10000	1.6390620e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463665.63000	3773520.83000	1.6475970e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463662.40000	3773529.57000	1.6557840e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463659.16000	3773538.30000	1.6638280e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463655.93000	3773547.03000	1.6716730e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463652.69000	3773555.77000	1.6794850e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463649.46000	3773564.50000	1.6872370e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463646.22000	3773573.24000	1.6950520e-04	385.10	385.10	0.00	PERIOD	ALL	00043848
463642.98000	3773581.97000	1.7029330e-04	385.29	385.29	0.00	PERIOD	ALL	00043848
463639.75000	3773590.71000	1.7108460e-04	385.54	385.54	0.00	PERIOD	ALL	00043848
463636.51000	3773599.44000	1.7190670e-04	385.80	385.80	0.00	PERIOD	ALL	00043848
463633.28000	3773608.17000	1.7275500e-04	385.93	385.93	0.00	PERIOD	ALL	00043848
463630.04000	3773616.91000	1.7364540e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463626.81000	3773625.64000	1.7457490e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463623.57000	3773634.38000	1.7552740e-04	386.27	386.27	0.00	PERIOD	ALL	00043848
463620.33000	3773643.11000	1.7661620e-04	386.56	386.56	0.00	PERIOD	ALL	00043848
463617.10000	3773651.84000	1.7897380e-04	386.85	386.85	0.00	PERIOD	ALL	00043848
463613.86000	3773660.58000	1.8022550e-04	387.07	387.07	0.00	PERIOD	ALL	00043848
463610.63000	3773669.31000	1.8155260e-04	387.27	387.27	0.00	PERIOD	ALL	00043848
463607.39000	3773678.05000	1.8300680e-04	387.54	387.54	0.00	PERIOD	ALL	00043848
463604.15000	3773686.78000	1.8455100e-04	387.85	387.85	0.00	PERIOD	ALL	00043848
463600.92000	3773695.52000	1.8595430e-04	387.97	387.97	0.00	PERIOD	ALL	00043848
463597.68000	3773704.25000	1.8735750e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463594.45000	3773712.98000	1.8881460e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463591.21000	3773721.72000	1.9055260e-04	388.18	388.18	0.00	PERIOD	ALL	00043848
463587.98000	3773730.45000	1.9245430e-04	388.47	388.47	0.00	PERIOD	ALL	00043848
463718.58000	3773485.81000	1.4160930e-04	384.01	384.01	0.00	PERIOD	ALL	00043848
463715.34000	3773494.55000	1.4247790e-04	384.09	384.09	0.00	PERIOD	ALL	00043848
463712.11000	3773503.28000	1.4329420e-04	384.23	384.23	0.00	PERIOD	ALL	00043848
463708.87000	3773512.02000	1.4406470e-04	384.36	384.36	0.00	PERIOD	ALL	00043848
463705.63000	3773520.75000	1.4479180e-04	384.47	384.47	0.00	PERIOD	ALL	00043848
463702.40000	3773529.49000	1.4547560e-04	384.58	384.58	0.00	PERIOD	ALL	00043848
463699.16000	3773538.22000	1.4613080e-04	384.68	384.68	0.00	PERIOD	ALL	00043848
463695.93000	3773546.95000	1.4675230e-04	384.79	384.79	0.00	PERIOD	ALL	00043848
463692.69000	3773555.69000	1.4735260e-04	384.90	384.90	0.00	PERIOD	ALL	00043848
463689.46000	3773564.42000	1.4792990e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463686.22000	3773573.16000	1.4849980e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463682.98000	3773581.89000	1.4906150e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463679.75000	3773590.62000	1.4961370e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463676.51000	3773599.36000	1.5016640e-04	385.10	385.10	0.00	PERIOD	ALL	00043848
463673.28000	3773608.09000	1.5070890e-04	385.39	385.39	0.00	PERIOD	ALL	00043848
463670.04000	3773616.83000	1.5126020e-04	385.68	385.68	0.00	PERIOD	ALL	00043848
463666.81000	3773625.56000	1.5181370e-04	385.97	385.97	0.00	PERIOD	ALL	00043848
463663.57000	3773634.30000	1.5238480e-04	386.23	386.23	0.00	PERIOD	ALL	00043848
463660.33000	3773643.03000	1.5304640e-04	386.54	386.54	0.00	PERIOD	ALL	00043848
463657.10000	3773651.76000	1.5499300e-04	386.85	386.85	0.00	PERIOD	ALL	00043848
463653.86000	3773660.50000	1.5571740e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
463650.63000	3773669.23000	1.5635310e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
463647.39000	3773677.97000	1.5702460e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
463644.15000	3773686.70000	1.5774050e-04	387.01	387.01	0.00	PERIOD	ALL	00043848
463640.92000	3773695.43000	1.5873690e-04	387.30	387.30	0.00	PERIOD	ALL	00043848
463637.68000	3773704.17000	1.5976600e-04	387.59	387.59	0.00	PERIOD	ALL	00043848
463634.45000	3773712.90000	1.6082020e-04	387.89	387.89	0.00	PERIOD	ALL	00043848
463631.21000	3773721.64000	1.6194510e-04	388.17	388.17	0.00	PERIOD	ALL	00043848
463627.98000	3773730.37000	1.6314850e-04	388.47	388.47	0.00	PERIOD	ALL	00043848
463624.74000	3773739.11000	1.6429970e-04	388.76	388.76	0.00	PERIOD	ALL	00043848
463621.50000	3773747.84000	1.6539280e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463618.27000	3773756.57000	1.6635030e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463758.58000	3773485.73000	1.2579460e-04	383.70	383.70	0.00	PERIOD	ALL	00043848
463755.34000	3773494.47000	1.2656600e-04	383.81	383.81	0.00	PERIOD	ALL	00043848
463752.11000	3773503.20000	1.2729020e-04	383.92	383.92	0.00	PERIOD	ALL	00043848
463748.87000	3773511.94000	1.2798710e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463745.63000	3773520.67000	1.2863760e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463742.40000	3773529.40000	1.2924560e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463739.16000	3773538.14000	1.2982030e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463735.93000	3773546.87000	1.3035910e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463732.69000	3773555.61000	1.3087120e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463729.46000	3773564.34000	1.3135390e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463726.22000	3773573.08000	1.3182670e-04	384.22	384.22	0.00	PERIOD	ALL	00043848
463722.98000	3773581.81000	1.3227710e-04	384.52	384.52	0.00	PERIOD	ALL	00043848
463719.75000	3773590.54000	1.3270250e-04	384.81	384.81	0.00	PERIOD	ALL	00043848
463716.51000	3773599.28000	1.3311150e-04	385.10	385.10	0.00	PERIOD	ALL	00043848
463713.28000	3773608.01000	1.3350200e-04	385.39	385.39	0.00	PERIOD	ALL	00043848
463710.04000	3773616.75000	1.3388580e-04	385.68	385.68	0.00	PERIOD	ALL	00043848
463706.81000	3773625.48000	1.3425770e-04	385.97	385.97	0.00	PERIOD	ALL	00043848

463703.57000	3773634.21000	1.3465160e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463700.33000	3773642.95000	1.3505010e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463697.10000	3773651.68000	1.3545120e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463693.86000	3773660.42000	1.3585180e-04	386.14	386.14	0.00	PERIOD	ALL	00043848
463690.63000	3773669.15000	1.3626470e-04	386.43	386.43	0.00	PERIOD	ALL	00043848
463687.39000	3773677.89000	1.3685140e-04	386.74	386.74	0.00	PERIOD	ALL	00043848
463684.15000	3773686.62000	1.3845860e-04	387.01	387.01	0.00	PERIOD	ALL	00043848
463680.92000	3773695.35000	1.3915050e-04	387.30	387.30	0.00	PERIOD	ALL	00043848
463677.68000	3773704.09000	1.3985660e-04	387.59	387.59	0.00	PERIOD	ALL	00043848
463674.45000	3773712.82000	1.4056390e-04	387.88	387.88	0.00	PERIOD	ALL	00043848
463671.21000	3773721.56000	1.4112300e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463667.98000	3773730.29000	1.4158330e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463664.74000	3773739.03000	1.4207590e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463661.50000	3773747.76000	1.4264360e-04	388.04	388.04	0.00	PERIOD	ALL	00043848
463658.27000	3773756.49000	1.4354900e-04	388.37	388.37	0.00	PERIOD	ALL	00043848
463655.03000	3773765.23000	1.4439620e-04	388.69	388.69	0.00	PERIOD	ALL	00043848
463651.80000	3773773.96000	1.4514050e-04	388.94	388.94	0.00	PERIOD	ALL	00043848
463648.56000	3773782.70000	1.4581330e-04	389.08	389.08	0.00	PERIOD	ALL	00043848
463798.58000	3773485.65000	1.1274640e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463795.34000	3773494.39000	1.1346200e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463792.11000	3773503.12000	1.1413450e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463788.87000	3773511.86000	1.1475490e-04	383.18	383.18	0.00	PERIOD	ALL	00043848
463785.63000	3773520.59000	1.1532570e-04	383.48	383.48	0.00	PERIOD	ALL	00043848
463782.40000	3773529.32000	1.1585750e-04	383.77	383.77	0.00	PERIOD	ALL	00043848
463779.16000	3773538.06000	1.1637620e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463775.93000	3773546.79000	1.1686580e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463772.69000	3773555.53000	1.1732720e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463769.46000	3773564.26000	1.1775760e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463766.22000	3773572.99000	1.1817530e-04	384.22	384.22	0.00	PERIOD	ALL	00043848
463762.98000	3773581.73000	1.1856580e-04	384.51	384.51	0.00	PERIOD	ALL	00043848
463759.75000	3773590.46000	1.1892770e-04	384.80	384.80	0.00	PERIOD	ALL	00043848
463756.51000	3773599.20000	1.1926780e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463753.28000	3773607.93000	1.1959060e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463750.04000	3773616.67000	1.1990190e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463746.81000	3773625.40000	1.2019800e-04	385.09	385.09	0.00	PERIOD	ALL	00043848
463743.57000	3773634.13000	1.2047980e-04	385.41	385.41	0.00	PERIOD	ALL	00043848
463740.33000	3773642.87000	1.2075100e-04	385.69	385.69	0.00	PERIOD	ALL	00043848
463737.10000	3773651.60000	1.2101400e-04	385.91	385.91	0.00	PERIOD	ALL	00043848
463733.86000	3773660.34000	1.2127900e-04	386.07	386.07	0.00	PERIOD	ALL	00043848
463730.63000	3773669.07000	1.2153740e-04	386.27	386.27	0.00	PERIOD	ALL	00043848
463727.39000	3773677.81000	1.2185650e-04	386.53	386.53	0.00	PERIOD	ALL	00043848
463724.15000	3773686.54000	1.2331820e-04	386.85	386.85	0.00	PERIOD	ALL	00043848
463720.92000	3773695.27000	1.2364400e-04	386.97	386.97	0.00	PERIOD	ALL	00043848
463717.68000	3773704.01000	1.2395020e-04	387.04	387.04	0.00	PERIOD	ALL	00043848
463714.45000	3773712.74000	1.2430290e-04	387.15	387.15	0.00	PERIOD	ALL	00043848
463711.21000	3773721.48000	1.2480680e-04	387.41	387.41	0.00	PERIOD	ALL	00043848
463707.98000	3773730.21000	1.2530020e-04	387.67	387.67	0.00	PERIOD	ALL	00043848
463704.74000	3773738.94000	1.2575450e-04	387.88	387.88	0.00	PERIOD	ALL	00043848
463701.50000	3773747.68000	1.2613290e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463698.27000	3773756.41000	1.2641210e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463695.03000	3773765.15000	1.2671240e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463691.80000	3773773.88000	1.2703000e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463688.56000	3773782.62000	1.2760810e-04	388.24	388.24	0.00	PERIOD	ALL	00043848
463685.33000	3773791.35000	1.2824910e-04	388.57	388.57	0.00	PERIOD	ALL	00043848
463682.09000	3773800.08000	1.2878690e-04	388.84	388.84	0.00	PERIOD	ALL	00043848
463678.85000	3773808.82000	1.2923000e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463835.34000	3773494.31000	1.0238040e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463832.11000	3773503.04000	1.0299870e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463828.87000	3773511.77000	1.0357310e-04	383.18	383.18	0.00	PERIOD	ALL	00043848
463825.63000	3773520.51000	1.0410480e-04	383.47	383.47	0.00	PERIOD	ALL	00043848
463822.40000	3773529.24000	1.0460050e-04	383.76	383.76	0.00	PERIOD	ALL	00043848
463819.16000	3773537.98000	1.0508330e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463815.93000	3773546.71000	1.0553750e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463812.69000	3773555.45000	1.0596490e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463809.46000	3773564.18000	1.0636240e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463806.22000	3773572.91000	1.0674840e-04	384.22	384.22	0.00	PERIOD	ALL	00043848
463802.98000	3773581.65000	1.0710810e-04	384.51	384.51	0.00	PERIOD	ALL	00043848
463799.75000	3773590.38000	1.0743750e-04	384.80	384.80	0.00	PERIOD	ALL	00043848
463796.51000	3773599.12000	1.0774130e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463793.28000	3773607.85000	1.0802190e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463790.04000	3773616.59000	1.0828720e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463786.80000	3773625.32000	1.0853760e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463783.57000	3773634.05000	1.0876870e-04	385.26	385.26	0.00	PERIOD	ALL	00043848
463780.33000	3773642.79000	1.0898430e-04	385.55	385.55	0.00	PERIOD	ALL	00043848
463777.10000	3773651.52000	1.0918300e-04	385.84	385.84	0.00	PERIOD	ALL	00043848
463773.86000	3773660.26000	1.0937740e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463770.63000	3773668.99000	1.0957190e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463767.39000	3773677.72000	1.0976410e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463764.15000	3773686.46000	1.0995200e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463760.92000	3773695.19000	1.1011550e-04	386.30	386.30	0.00	PERIOD	ALL	00043848
463757.68000	3773703.93000	1.1036950e-04	386.59	386.59	0.00	PERIOD	ALL	00043848
463754.45000	3773712.66000	1.1163230e-04	386.88	386.88	0.00	PERIOD	ALL	00043848

463751.21000	3773721.40000	1.1185760e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
463747.98000	3773730.13000	1.1203160e-04	387.03	387.03	0.00	PERIOD	ALL	00043848
463744.74000	3773738.86000	1.1225950e-04	387.12	387.12	0.00	PERIOD	ALL	00043848
463741.50000	3773747.60000	1.1256790e-04	387.30	387.30	0.00	PERIOD	ALL	00043848
463738.27000	3773756.33000	1.1296060e-04	387.59	387.59	0.00	PERIOD	ALL	00043848
463735.03000	3773765.07000	1.1329140e-04	387.81	387.81	0.00	PERIOD	ALL	00043848
463731.80000	3773773.80000	1.1357070e-04	387.97	387.97	0.00	PERIOD	ALL	00043848
463728.56000	3773782.53000	1.1391720e-04	388.15	388.15	0.00	PERIOD	ALL	00043848
463725.33000	3773791.27000	1.1435450e-04	388.40	388.40	0.00	PERIOD	ALL	00043848
463722.09000	3773800.00000	1.1481590e-04	388.73	388.73	0.00	PERIOD	ALL	00043848
463718.85000	3773808.74000	1.1516060e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463715.62000	3773817.47000	1.1528990e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463712.38000	3773826.21000	1.1543890e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463709.15000	3773834.94000	1.1560360e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463875.34000	3773494.23000	9.2957020e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
463872.11000	3773502.96000	9.3524610e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
463868.87000	3773511.69000	9.4057000e-05	383.18	383.18	0.00	PERIOD	ALL	00043848
463865.63000	3773520.43000	9.4553790e-05	383.47	383.47	0.00	PERIOD	ALL	00043848
463862.40000	3773529.16000	9.5018500e-05	383.76	383.76	0.00	PERIOD	ALL	00043848
463859.16000	3773537.90000	9.5471880e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
463855.93000	3773546.63000	9.5896280e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
463852.69000	3773555.37000	9.6296220e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
463849.46000	3773564.10000	9.6668790e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
463846.22000	3773572.83000	9.7033940e-05	384.22	384.22	0.00	PERIOD	ALL	00043848
463842.98000	3773581.57000	9.7375640e-05	384.51	384.51	0.00	PERIOD	ALL	00043848
463839.75000	3773590.30000	9.7687590e-05	384.80	384.80	0.00	PERIOD	ALL	00043848
463836.51000	3773599.04000	9.7971700e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
463833.28000	3773607.77000	9.8228340e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
463830.04000	3773616.50000	9.8468830e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
463826.80000	3773625.24000	9.8691660e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
463823.57000	3773633.97000	9.8898220e-05	385.25	385.25	0.00	PERIOD	ALL	00043848
463820.33000	3773642.71000	9.9087200e-05	385.55	385.55	0.00	PERIOD	ALL	00043848
463817.10000	3773651.44000	9.9256080e-05	385.84	385.84	0.00	PERIOD	ALL	00043848
463813.86000	3773660.18000	9.9414240e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
463810.63000	3773668.91000	9.9566070e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
463807.39000	3773677.64000	9.9711160e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
463804.15000	3773686.38000	9.9847810e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
463800.92000	3773695.11000	9.9961220e-05	386.29	386.29	0.00	PERIOD	ALL	00043848
463797.68000	3773703.85000	1.0015370e-04	386.58	386.58	0.00	PERIOD	ALL	00043848
463794.45000	3773712.58000	1.0135290e-04	386.87	386.87	0.00	PERIOD	ALL	00043848
463791.21000	3773721.31000	1.0152200e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
463787.98000	3773730.05000	1.0160040e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
463784.74000	3773738.78000	1.0168010e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
463781.50000	3773747.52000	1.0178820e-04	387.04	387.04	0.00	PERIOD	ALL	00043848
463778.27000	3773756.25000	1.0210430e-04	387.33	387.33	0.00	PERIOD	ALL	00043848
463775.03000	3773764.99000	1.0241430e-04	387.62	387.62	0.00	PERIOD	ALL	00043848
463771.80000	3773773.72000	1.0271970e-04	387.91	387.91	0.00	PERIOD	ALL	00043848
463768.56000	3773782.45000	1.0285100e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463765.33000	3773791.19000	1.0289780e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463762.09000	3773799.92000	1.0295300e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
463758.85000	3773808.66000	1.0309450e-04	388.08	388.08	0.00	PERIOD	ALL	00043848
463755.62000	3773817.39000	1.0346360e-04	388.37	388.37	0.00	PERIOD	ALL	00043848
463752.38000	3773826.13000	1.0377860e-04	388.66	388.66	0.00	PERIOD	ALL	00043848
463749.15000	3773834.86000	1.0403350e-04	388.95	388.95	0.00	PERIOD	ALL	00043848
463745.91000	3773843.59000	1.0409330e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463742.68000	3773852.33000	1.0412470e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463739.44000	3773861.06000	1.0417100e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
463915.34000	3773494.15000	8.4866930e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
463912.11000	3773502.88000	8.5386570e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
463908.87000	3773511.61000	8.5881390e-05	383.12	383.12	0.00	PERIOD	ALL	00043848
463905.63000	3773520.35000	8.6347670e-05	383.37	383.37	0.00	PERIOD	ALL	00043848
463902.40000	3773529.08000	8.6783400e-05	383.69	383.69	0.00	PERIOD	ALL	00043848
463899.16000	3773537.82000	8.7207650e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
463895.93000	3773546.55000	8.7604170e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
463892.69000	3773555.28000	8.7979610e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
463889.46000	3773564.02000	8.8329960e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
463886.22000	3773572.75000	8.8668560e-05	384.10	384.10	0.00	PERIOD	ALL	00043848
463882.98000	3773581.49000	8.8990920e-05	384.28	384.28	0.00	PERIOD	ALL	00043848
463879.75000	3773590.22000	8.9292660e-05	384.53	384.53	0.00	PERIOD	ALL	00043848
463876.51000	3773598.96000	8.9571640e-05	384.79	384.79	0.00	PERIOD	ALL	00043848
463873.28000	3773607.69000	8.9819830e-05	384.93	384.93	0.00	PERIOD	ALL	00043848
463870.04000	3773616.42000	9.0047390e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
463866.80000	3773625.16000	9.0254490e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
463863.57000	3773633.89000	9.0445270e-05	385.05	385.05	0.00	PERIOD	ALL	00043848
463860.33000	3773642.63000	9.0622860e-05	385.17	385.17	0.00	PERIOD	ALL	00043848
463857.10000	3773651.36000	9.0784100e-05	385.35	385.35	0.00	PERIOD	ALL	00043848
463853.86000	3773660.09000	9.0931190e-05	385.59	385.59	0.00	PERIOD	ALL	00043848
463850.63000	3773668.83000	9.1059880e-05	385.79	385.79	0.00	PERIOD	ALL	00043848
463847.39000	3773677.56000	9.1177880e-05	385.92	385.92	0.00	PERIOD	ALL	00043848
463844.15000	3773686.30000	9.1285380e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
463840.92000	3773695.03000	9.1375690e-05	386.28	386.28	0.00	PERIOD	ALL	00043848
463837.68000	3773703.77000	9.1540560e-05	386.58	386.58	0.00	PERIOD	ALL	00043848

463834.45000	3773712.50000	9.2697360e-05	386.87	386.87	0.00	PERIOD	ALL	00043848
463831.21000	3773721.23000	9.2834340e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
463827.98000	3773729.97000	9.2874910e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
463824.74000	3773738.70000	9.2912740e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
463821.50000	3773747.44000	9.2976560e-05	387.04	387.04	0.00	PERIOD	ALL	00043848
463818.27000	3773756.17000	9.3254640e-05	387.33	387.33	0.00	PERIOD	ALL	00043848
463815.03000	3773764.91000	9.3525110e-05	387.62	387.62	0.00	PERIOD	ALL	00043848
463811.80000	3773773.64000	9.3794450e-05	387.91	387.91	0.00	PERIOD	ALL	00043848
463808.56000	3773782.37000	9.3874070e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
463805.33000	3773791.11000	9.3856620e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
463802.09000	3773799.84000	9.3842130e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
463798.85000	3773808.58000	9.3907950e-05	388.07	388.07	0.00	PERIOD	ALL	00043848
463795.62000	3773817.31000	9.4254330e-05	388.37	388.37	0.00	PERIOD	ALL	00043848
463792.38000	3773826.04000	9.4531550e-05	388.66	388.66	0.00	PERIOD	ALL	00043848
463789.15000	3773834.78000	9.4740750e-05	388.95	388.95	0.00	PERIOD	ALL	00043848
463785.91000	3773843.51000	9.4713150e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
463782.68000	3773852.25000	9.4644480e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
463779.44000	3773860.98000	9.4584530e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
463776.20000	3773869.72000	9.4597960e-05	389.11	389.11	0.00	PERIOD	ALL	00043848
463772.97000	3773878.45000	9.4722030e-05	389.40	389.40	0.00	PERIOD	ALL	00043848
463769.73000	3773887.18000	9.4817270e-05	389.69	389.69	0.00	PERIOD	ALL	00043848
462999.70000	3773058.67000	7.3671730e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462990.60000	3773058.69000	7.3538570e-04	380.02	380.02	0.00	PERIOD	ALL	00043848
462981.51000	3773058.71000	7.2692470e-04	380.05	380.05	0.00	PERIOD	ALL	00043848
462972.41000	3773058.73000	7.1132990e-04	380.07	380.07	0.00	PERIOD	ALL	00043848
462963.31000	3773058.75000	6.8924890e-04	380.08	380.08	0.00	PERIOD	ALL	00043848
462954.21000	3773058.76000	6.6173400e-04	380.08	380.08	0.00	PERIOD	ALL	00043848
462945.11000	3773058.78000	6.3041390e-04	380.08	380.08	0.00	PERIOD	ALL	00043848
462936.01000	3773058.80000	5.9670690e-04	380.08	380.08	0.00	PERIOD	ALL	00043848
462926.91000	3773058.82000	5.6200090e-04	380.08	380.08	0.00	PERIOD	ALL	00043848
462917.81000	3773058.84000	5.2744020e-04	380.08	380.08	0.00	PERIOD	ALL	00043848
462999.68000	3773048.67000	6.4346070e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462990.58000	3773048.69000	6.4235900e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462981.48000	3773048.71000	6.3617950e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462972.39000	3773048.73000	6.2491270e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462963.29000	3773048.75000	6.0884540e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462954.19000	3773048.76000	5.8855320e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462945.09000	3773048.78000	5.6504380e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462935.99000	3773048.80000	5.3922810e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462926.89000	3773048.82000	5.1208070e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462917.79000	3773048.84000	4.8447130e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462999.64000	3773028.67000	5.0924820e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462990.54000	3773028.69000	5.0835610e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462981.44000	3773028.71000	5.0471870e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462972.34000	3773028.73000	4.9826500e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462963.24000	3773028.75000	4.8905450e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462954.15000	3773028.76000	4.7725390e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462945.05000	3773028.78000	4.6326010e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462935.95000	3773028.80000	4.4745600e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462926.85000	3773028.82000	4.3031100e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462917.75000	3773028.84000	4.1229820e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462999.60000	3773008.67000	4.1780760e-04	379.41	379.41	0.00	PERIOD	ALL	00043848
462990.50000	3773008.69000	4.1694760e-04	379.41	379.41	0.00	PERIOD	ALL	00043848
462981.40000	3773008.71000	4.1448930e-04	379.41	379.41	0.00	PERIOD	ALL	00043848
462972.30000	3773008.73000	4.1037210e-04	379.41	379.41	0.00	PERIOD	ALL	00043848
462963.20000	3773008.75000	4.0458910e-04	379.41	379.41	0.00	PERIOD	ALL	00043848
462954.10000	3773008.76000	3.9716270e-04	379.41	379.41	0.00	PERIOD	ALL	00043848
462945.00000	3773008.78000	3.8828400e-04	379.41	379.41	0.00	PERIOD	ALL	00043848
462935.91000	3773008.80000	3.7817790e-04	379.49	379.49	0.00	PERIOD	ALL	00043848
462926.81000	3773008.82000	3.6703810e-04	379.67	379.67	0.00	PERIOD	ALL	00043848
462917.71000	3773008.84000	3.5502230e-04	379.84	379.84	0.00	PERIOD	ALL	00043848
462999.56000	3772988.67000	3.5275180e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462990.46000	3772988.69000	3.5188160e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462981.36000	3772988.71000	3.5002310e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462972.26000	3772988.73000	3.4713150e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462963.16000	3772988.75000	3.4318570e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462954.06000	3772988.76000	3.3816870e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462944.96000	3772988.78000	3.3217480e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462935.86000	3772988.80000	3.2531490e-04	379.09	379.09	0.00	PERIOD	ALL	00043848
462926.76000	3772988.82000	3.1770490e-04	379.32	379.32	0.00	PERIOD	ALL	00043848
462917.67000	3772988.84000	3.0937930e-04	379.55	379.55	0.00	PERIOD	ALL	00043848
462999.52000	3772968.67000	3.0460880e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462990.42000	3772968.69000	3.0372400e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462981.32000	3772968.71000	3.0219760e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462972.22000	3772968.73000	2.9999820e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462963.12000	3772968.75000	2.9710470e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462954.02000	3772968.76000	2.9349080e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462944.92000	3772968.78000	2.8920750e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462935.82000	3772968.80000	2.8426970e-04	379.01	379.01	0.00	PERIOD	ALL	00043848
462926.72000	3772968.82000	2.7873040e-04	379.04	379.04	0.00	PERIOD	ALL	00043848
462917.62000	3772968.84000	2.7264150e-04	379.06	379.06	0.00	PERIOD	ALL	00043848
462999.47000	3772948.67000	2.6731630e-04	378.41	378.41	0.00	PERIOD	ALL	00043848

462990.37000	3772948.69000	2.6641650e-04	378.41	378.41	0.00	PERIOD	ALL	00043848
462981.28000	3772948.71000	2.6508920e-04	378.41	378.41	0.00	PERIOD	ALL	00043848
462972.18000	3772948.73000	2.6330920e-04	378.41	378.41	0.00	PERIOD	ALL	00043848
462963.08000	3772948.75000	2.6111720e-04	378.54	378.54	0.00	PERIOD	ALL	00043848
462953.98000	3772948.76000	2.5844500e-04	378.72	378.72	0.00	PERIOD	ALL	00043848
462944.88000	3772948.78000	2.5529730e-04	378.90	378.90	0.00	PERIOD	ALL	00043848
462935.78000	3772948.80000	2.5164270e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462926.68000	3772948.82000	2.4750530e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462917.58000	3772948.84000	2.4295050e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462999.43000	3772928.67000	2.3799600e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462990.33000	3772928.69000	2.3708800e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462981.23000	3772928.71000	2.3588460e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462972.13000	3772928.73000	2.3437020e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462963.04000	3772928.75000	2.3258940e-04	378.16	378.16	0.00	PERIOD	ALL	00043848
462953.94000	3772928.76000	2.3047280e-04	378.39	378.39	0.00	PERIOD	ALL	00043848
462944.84000	3772928.78000	2.2801770e-04	378.62	378.62	0.00	PERIOD	ALL	00043848
462935.74000	3772928.80000	2.2518910e-04	378.75	378.75	0.00	PERIOD	ALL	00043848
462926.64000	3772928.82000	2.2199510e-04	378.75	378.75	0.00	PERIOD	ALL	00043848
462917.54000	3772928.84000	2.1848370e-04	378.75	378.75	0.00	PERIOD	ALL	00043848
462999.39000	3772908.67000	2.1448310e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462990.29000	3772908.69000	2.1357330e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462981.19000	3772908.71000	2.1245580e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462972.09000	3772908.73000	2.1111910e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462962.99000	3772908.75000	2.0955700e-04	378.02	378.02	0.00	PERIOD	ALL	00043848
462953.89000	3772908.76000	2.0774510e-04	378.04	378.04	0.00	PERIOD	ALL	00043848
462944.80000	3772908.78000	2.0570240e-04	378.07	378.07	0.00	PERIOD	ALL	00043848
462935.70000	3772908.80000	2.0340420e-04	378.08	378.08	0.00	PERIOD	ALL	00043848
462926.60000	3772908.82000	2.0085680e-04	378.08	378.08	0.00	PERIOD	ALL	00043848
462917.50000	3772908.84000	1.9806910e-04	378.08	378.08	0.00	PERIOD	ALL	00043848
462999.26000	3772848.67000	1.6531300e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
462990.17000	3772848.69000	1.6441500e-04	377.02	377.02	0.00	PERIOD	ALL	00043848
462981.07000	3772848.71000	1.6344200e-04	377.05	377.05	0.00	PERIOD	ALL	00043848
462971.97000	3772848.73000	1.6238730e-04	377.07	377.07	0.00	PERIOD	ALL	00043848
462962.87000	3772848.75000	1.6126530e-04	377.29	377.29	0.00	PERIOD	ALL	00043848
462953.77000	3772848.76000	1.6004610e-04	377.57	377.57	0.00	PERIOD	ALL	00043848
462944.67000	3772848.78000	1.5873190e-04	377.85	377.85	0.00	PERIOD	ALL	00043848
462935.57000	3772848.80000	1.5730710e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462926.47000	3772848.82000	1.5577280e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462917.37000	3772848.84000	1.5413240e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462999.20000	3772818.67000	1.4847800e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
462990.10000	3772818.69000	1.4758880e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
462981.00000	3772818.71000	1.4665500e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
462971.90000	3772818.73000	1.4567270e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
462999.14000	3772788.67000	1.3486180e-04	376.08	376.08	0.00	PERIOD	ALL	00043848
462990.04000	3772788.69000	1.3398080e-04	376.08	376.08	0.00	PERIOD	ALL	00043848
462980.94000	3772788.71000	1.3307600e-04	376.08	376.08	0.00	PERIOD	ALL	00043848
462971.84000	3772788.73000	1.3214400e-04	376.08	376.08	0.00	PERIOD	ALL	00043848
462944.55000	3772788.78000	1.2915710e-04	376.85	376.85	0.00	PERIOD	ALL	00043848
462935.45000	3772788.80000	1.2808530e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
462926.35000	3772788.82000	1.2697150e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
462917.25000	3772788.84000	1.2581200e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
462999.08000	3772758.67000	1.2365980e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
462989.98000	3772758.69000	1.2279150e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
462980.88000	3772758.71000	1.2191310e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
462971.78000	3772758.73000	1.2102170e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
462944.48000	3772758.78000	1.1823920e-04	376.07	376.07	0.00	PERIOD	ALL	00043848
462935.38000	3772758.80000	1.1726910e-04	376.08	376.08	0.00	PERIOD	ALL	00043848
462926.28000	3772758.82000	1.1627270e-04	376.08	376.08	0.00	PERIOD	ALL	00043848
462917.19000	3772758.84000	1.1524870e-04	376.08	376.08	0.00	PERIOD	ALL	00043848
462999.01000	3772728.67000	1.1427610e-04	375.08	375.08	0.00	PERIOD	ALL	00043848
462989.91000	3772728.69000	1.1341710e-04	375.08	375.08	0.00	PERIOD	ALL	00043848
462980.82000	3772728.71000	1.1255890e-04	375.08	375.08	0.00	PERIOD	ALL	00043848
462971.72000	3772728.73000	1.1169710e-04	375.08	375.08	0.00	PERIOD	ALL	00043848
462944.42000	3772728.78000	1.0906840e-04	375.08	375.08	0.00	PERIOD	ALL	00043848
462935.32000	3772728.80000	1.0817450e-04	375.21	375.21	0.00	PERIOD	ALL	00043848
462926.22000	3772728.82000	1.0726700e-04	375.49	375.49	0.00	PERIOD	ALL	00043848
462917.12000	3772728.84000	1.0634160e-04	375.77	375.77	0.00	PERIOD	ALL	00043848
462998.89000	3772668.67000	9.9442690e-05	374.08	374.08	0.00	PERIOD	ALL	00043848
462989.79000	3772668.69000	9.8606640e-05	374.08	374.08	0.00	PERIOD	ALL	00043848
462980.69000	3772668.71000	9.7782500e-05	374.08	374.08	0.00	PERIOD	ALL	00043848
462971.59000	3772668.73000	9.6968030e-05	374.08	374.08	0.00	PERIOD	ALL	00043848
462962.49000	3772668.75000	9.6161330e-05	374.08	374.08	0.00	PERIOD	ALL	00043848
462953.39000	3772668.77000	9.5360220e-05	374.08	374.08	0.00	PERIOD	ALL	00043848
462944.29000	3772668.78000	9.4560790e-05	374.08	374.08	0.00	PERIOD	ALL	00043848
462935.20000	3772668.80000	9.3768090e-05	374.22	374.22	0.00	PERIOD	ALL	00043848
462926.10000	3772668.82000	9.2975800e-05	374.50	374.50	0.00	PERIOD	ALL	00043848
462917.00000	3772668.84000	9.2180210e-05	374.78	374.78	0.00	PERIOD	ALL	00043848
462998.83000	3772638.67000	9.3458220e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462989.73000	3772638.69000	9.2635580e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462980.63000	3772638.71000	9.1828450e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462971.53000	3772638.73000	9.1034860e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462962.43000	3772638.75000	9.0252900e-05	374.00	374.00	0.00	PERIOD	ALL	00043848

462953.33000	3772638.77000	8.9480600e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462944.23000	3772638.78000	8.8714450e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462935.13000	3772638.80000	8.7956110e-05	374.01	374.01	0.00	PERIOD	ALL	00043848
462926.03000	3772638.82000	8.7202120e-05	374.04	374.04	0.00	PERIOD	ALL	00043848
462916.94000	3772638.84000	8.6451860e-05	374.06	374.06	0.00	PERIOD	ALL	00043848
462998.76000	3772608.67000	8.8193720e-05	373.08	373.08	0.00	PERIOD	ALL	00043848
462989.66000	3772608.69000	8.7381840e-05	373.08	373.08	0.00	PERIOD	ALL	00043848
462980.57000	3772608.71000	8.6589570e-05	373.08	373.08	0.00	PERIOD	ALL	00043848
462971.47000	3772608.73000	8.5812900e-05	373.08	373.08	0.00	PERIOD	ALL	00043848
462962.37000	3772608.75000	8.5050870e-05	373.08	373.08	0.00	PERIOD	ALL	00043848
462953.27000	3772608.77000	8.4301780e-05	373.08	373.08	0.00	PERIOD	ALL	00043848
462944.17000	3772608.78000	8.3562160e-05	373.08	373.08	0.00	PERIOD	ALL	00043848
462935.07000	3772608.80000	8.2833550e-05	373.08	373.08	0.00	PERIOD	ALL	00043848
462925.97000	3772608.82000	8.2112810e-05	373.08	373.08	0.00	PERIOD	ALL	00043848
462916.87000	3772608.84000	8.1398260e-05	373.08	373.08	0.00	PERIOD	ALL	00043848
463007.80000	3772578.65000	8.4311180e-05	372.75	372.75	0.00	PERIOD	ALL	00043848
462998.70000	3772578.67000	8.3491770e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462989.60000	3772578.69000	8.2694850e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462980.50000	3772578.71000	8.1918290e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462971.40000	3772578.73000	8.1160620e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462962.30000	3772578.75000	8.0419780e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462953.21000	3772578.77000	7.9694580e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462944.11000	3772578.78000	7.8980750e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462935.01000	3772578.80000	7.8280010e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462925.91000	3772578.82000	7.7589530e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462916.81000	3772578.84000	7.6907910e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462998.64000	3772548.67000	7.9255890e-05	372.08	372.08	0.00	PERIOD	ALL	00043848
462989.54000	3772548.69000	7.8472390e-05	372.08	372.08	0.00	PERIOD	ALL	00043848
462980.44000	3772548.71000	7.7711190e-05	372.08	372.08	0.00	PERIOD	ALL	00043848
462971.34000	3772548.73000	7.6970330e-05	372.08	372.08	0.00	PERIOD	ALL	00043848
462962.24000	3772548.75000	7.6248000e-05	372.08	372.08	0.00	PERIOD	ALL	00043848
462953.14000	3772548.77000	7.5542380e-05	372.08	372.08	0.00	PERIOD	ALL	00043848
462944.04000	3772548.78000	7.4850720e-05	372.08	372.08	0.00	PERIOD	ALL	00043848
462934.95000	3772548.80000	7.4174640e-05	372.08	372.08	0.00	PERIOD	ALL	00043848
462925.85000	3772548.82000	7.3510080e-05	372.08	372.08	0.00	PERIOD	ALL	00043848
462916.75000	3772548.84000	7.2856150e-05	372.08	372.08	0.00	PERIOD	ALL	00043848
462998.55000	3772508.67000	7.4194160e-05	371.74	371.74	0.00	PERIOD	ALL	00043848
462989.46000	3772508.69000	7.3434740e-05	371.75	371.75	0.00	PERIOD	ALL	00043848
462980.36000	3772508.71000	7.2697820e-05	371.75	371.75	0.00	PERIOD	ALL	00043848
462971.26000	3772508.73000	7.1982630e-05	371.75	371.75	0.00	PERIOD	ALL	00043848
462962.16000	3772508.75000	7.1287330e-05	371.75	371.75	0.00	PERIOD	ALL	00043848
462953.06000	3772508.77000	7.0610250e-05	371.75	371.75	0.00	PERIOD	ALL	00043848
462943.96000	3772508.78000	6.9948750e-05	371.75	371.75	0.00	PERIOD	ALL	00043848
462934.86000	3772508.80000	6.9304660e-05	371.79	371.79	0.00	PERIOD	ALL	00043848
462925.76000	3772508.82000	6.8675500e-05	371.87	371.87	0.00	PERIOD	ALL	00043848
462916.66000	3772508.84000	6.8058620e-05	371.94	371.94	0.00	PERIOD	ALL	00043848
462998.39000	3772428.67000	6.5496470e-05	370.08	370.08	0.00	PERIOD	ALL	00043848
462989.29000	3772428.69000	6.4791540e-05	370.08	370.08	0.00	PERIOD	ALL	00043848
462980.19000	3772428.71000	6.4111050e-05	370.08	370.08	0.00	PERIOD	ALL	00043848
462971.09000	3772428.73000	6.3452990e-05	370.08	370.08	0.00	PERIOD	ALL	00043848
462961.99000	3772428.75000	6.2832350e-05	370.32	370.32	0.00	PERIOD	ALL	00043848
462952.89000	3772428.77000	6.2229960e-05	370.59	370.59	0.00	PERIOD	ALL	00043848
462943.79000	3772428.78000	6.1642420e-05	370.87	370.87	0.00	PERIOD	ALL	00043848
462934.69000	3772428.80000	6.1064530e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462925.60000	3772428.82000	6.0496790e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462916.50000	3772428.84000	5.9942420e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462998.30000	3772388.67000	6.1711010e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462989.21000	3772388.69000	6.1041880e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462980.11000	3772388.71000	6.0395670e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462971.01000	3772388.73000	5.9771490e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462961.91000	3772388.75000	5.9167770e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462952.81000	3772388.77000	5.8582970e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462943.71000	3772388.78000	5.8014650e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462934.61000	3772388.80000	5.7471700e-05	370.13	370.13	0.00	PERIOD	ALL	00043848
462925.51000	3772388.82000	5.6948100e-05	370.35	370.35	0.00	PERIOD	ALL	00043848
462916.41000	3772388.84000	5.6436910e-05	370.58	370.58	0.00	PERIOD	ALL	00043848
462998.22000	3772348.67000	5.8154200e-05	369.41	369.41	0.00	PERIOD	ALL	00043848
462989.12000	3772348.69000	5.7523710e-05	369.41	369.41	0.00	PERIOD	ALL	00043848
462980.02000	3772348.71000	5.6915810e-05	369.41	369.41	0.00	PERIOD	ALL	00043848
462970.92000	3772348.73000	5.6328950e-05	369.41	369.41	0.00	PERIOD	ALL	00043848
462961.82000	3772348.75000	5.5761490e-05	369.41	369.41	0.00	PERIOD	ALL	00043848
462952.73000	3772348.77000	5.5212670e-05	369.41	369.41	0.00	PERIOD	ALL	00043848
462943.63000	3772348.78000	5.4679320e-05	369.41	369.41	0.00	PERIOD	ALL	00043848
462934.53000	3772348.80000	5.4169050e-05	369.52	369.52	0.00	PERIOD	ALL	00043848
462925.43000	3772348.82000	5.3676610e-05	369.69	369.69	0.00	PERIOD	ALL	00043848
462916.33000	3772348.84000	5.3197920e-05	369.87	369.87	0.00	PERIOD	ALL	00043848
462998.14000	3772308.67000	5.4826160e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462989.04000	3772308.69000	5.4239110e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462979.94000	3772308.71000	5.3673100e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462970.84000	3772308.73000	5.3126610e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462961.74000	3772308.75000	5.2598240e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462952.64000	3772308.77000	5.2086770e-05	369.00	369.00	0.00	PERIOD	ALL	00043848

462943.54000	3772308.78000	5.1590210e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462934.44000	3772308.80000	5.1109560e-05	369.01	369.01	0.00	PERIOD	ALL	00043848
462925.34000	3772308.82000	5.0643590e-05	369.04	369.04	0.00	PERIOD	ALL	00043848
462916.25000	3772308.84000	5.0190780e-05	369.07	369.07	0.00	PERIOD	ALL	00043848
462998.05000	3772268.67000	5.1651020e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462988.95000	3772268.69000	5.1111120e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462979.86000	3772268.71000	5.0590740e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462970.76000	3772268.73000	5.0087370e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462961.66000	3772268.75000	4.9600440e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462952.56000	3772268.77000	4.9128780e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462943.46000	3772268.78000	4.8670690e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462934.36000	3772268.80000	4.8233730e-05	368.13	368.13	0.00	PERIOD	ALL	00043848
462925.26000	3772268.82000	4.7814480e-05	368.36	368.36	0.00	PERIOD	ALL	00043848
462916.16000	3772268.84000	4.7406330e-05	368.59	368.59	0.00	PERIOD	ALL	00043848
463032.11000	3772238.96000	5.1494840e-05	367.69	367.69	0.00	PERIOD	ALL	00043848
463040.46000	3772242.40000	5.2316580e-05	367.56	367.56	0.00	PERIOD	ALL	00043848
463057.16000	3772249.28000	5.4054740e-05	367.17	367.17	0.00	PERIOD	ALL	00043848
463065.50000	3772252.71000	5.4993220e-05	367.21	367.21	0.00	PERIOD	ALL	00043848
463073.85000	3772256.15000	5.5980540e-05	367.33	367.33	0.00	PERIOD	ALL	00043848
463441.15000	3772407.40000	6.4462590e-04	368.37	368.37	0.00	PERIOD	ALL	00043848
463457.85000	3772414.28000	3.9054190e-04	368.60	368.60	0.00	PERIOD	ALL	00043848
463466.19000	3772417.72000	3.3136590e-04	368.71	368.71	0.00	PERIOD	ALL	00043848
463474.54000	3772421.15000	2.8974570e-04	368.83	368.83	0.00	PERIOD	ALL	00043848
463491.24000	3772428.03000	2.3418840e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463499.58000	3772431.47000	2.1448600e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463507.93000	3772434.90000	1.9821970e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463524.63000	3772441.78000	1.7291860e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
462997.97000	3772228.67000	4.8667420e-05	367.41	367.41	0.00	PERIOD	ALL	00043848
462988.87000	3772228.69000	4.8177080e-05	367.41	367.41	0.00	PERIOD	ALL	00043848
462979.77000	3772228.71000	4.7703260e-05	367.41	367.41	0.00	PERIOD	ALL	00043848
462970.67000	3772228.73000	4.7244800e-05	367.41	367.41	0.00	PERIOD	ALL	00043848
462961.57000	3772228.75000	4.6809270e-05	367.57	367.57	0.00	PERIOD	ALL	00043848
462952.47000	3772228.77000	4.6387930e-05	367.75	367.75	0.00	PERIOD	ALL	00043848
462943.38000	3772228.79000	4.5979430e-05	367.93	367.93	0.00	PERIOD	ALL	00043848
462934.28000	3772228.80000	4.5575980e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462925.18000	3772228.82000	4.5180880e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462916.08000	3772228.84000	4.4796000e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463032.15000	3772199.01000	4.8415070e-05	366.95	366.95	0.00	PERIOD	ALL	00043848
463040.54000	3772202.47000	4.9167960e-05	366.83	366.83	0.00	PERIOD	ALL	00043848
463048.93000	3772205.92000	4.9954690e-05	366.78	366.78	0.00	PERIOD	ALL	00043848
463057.31000	3772209.38000	5.0777960e-05	366.79	366.79	0.00	PERIOD	ALL	00043848
463099.25000	3772226.65000	5.5501610e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
463107.64000	3772230.10000	5.6588220e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
463116.03000	3772233.56000	5.7734240e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
463124.42000	3772237.01000	5.8943390e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
463132.81000	3772240.46000	6.0222700e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
463141.19000	3772243.92000	6.1579020e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
463149.58000	3772247.37000	6.3022490e-05	367.03	367.03	0.00	PERIOD	ALL	00043848
463157.97000	3772250.83000	6.4564500e-05	367.11	367.11	0.00	PERIOD	ALL	00043848
463166.36000	3772254.28000	6.6205600e-05	367.12	367.12	0.00	PERIOD	ALL	00043848
463174.75000	3772257.73000	6.7958870e-05	367.06	367.06	0.00	PERIOD	ALL	00043848
463434.78000	3772364.81000	8.7653870e-04	367.95	367.95	0.00	PERIOD	ALL	00043848
463443.16000	3772368.27000	5.8530230e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463451.55000	3772371.72000	4.4705430e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463459.94000	3772375.17000	3.6564200e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463468.33000	3772378.63000	3.1180770e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463485.10000	3772385.54000	2.4440080e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463493.49000	3772388.99000	2.2158580e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463501.88000	3772392.45000	2.0313060e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463510.27000	3772395.90000	1.8786620e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463527.04000	3772402.81000	1.6415090e-04	368.22	368.22	0.00	PERIOD	ALL	00043848
463535.43000	3772406.26000	1.5469080e-04	368.33	368.33	0.00	PERIOD	ALL	00043848
463543.82000	3772409.72000	1.4640500e-04	368.38	368.38	0.00	PERIOD	ALL	00043848
463552.21000	3772413.17000	1.3906990e-04	368.33	368.33	0.00	PERIOD	ALL	00043848
463568.99000	3772420.08000	1.2667480e-04	368.02	368.02	0.00	PERIOD	ALL	00043848
463594.15000	3772430.44000	1.1242170e-04	368.14	368.14	0.00	PERIOD	ALL	00043848
463602.54000	3772433.89000	1.0849700e-04	368.25	368.25	0.00	PERIOD	ALL	00043848
463610.93000	3772437.35000	1.0489470e-04	368.37	368.37	0.00	PERIOD	ALL	00043848
463619.31000	3772440.80000	1.0157510e-04	368.48	368.48	0.00	PERIOD	ALL	00043848
462997.89000	3772188.67000	4.5850950e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
462988.79000	3772188.69000	4.5411080e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
462979.69000	3772188.71000	4.4985150e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
462970.59000	3772188.73000	4.4572370e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
462961.49000	3772188.75000	4.4172710e-05	367.02	367.02	0.00	PERIOD	ALL	00043848
462952.39000	3772188.77000	4.3785120e-05	367.05	367.05	0.00	PERIOD	ALL	00043848
462943.29000	3772188.79000	4.3407930e-05	367.07	367.07	0.00	PERIOD	ALL	00043848
462934.19000	3772188.80000	4.3039690e-05	367.08	367.08	0.00	PERIOD	ALL	00043848
462925.09000	3772188.82000	4.2681140e-05	367.08	367.08	0.00	PERIOD	ALL	00043848
462916.00000	3772188.84000	4.2332010e-05	367.08	367.08	0.00	PERIOD	ALL	00043848
463031.88000	3772158.94000	4.5457770e-05	366.08	366.08	0.00	PERIOD	ALL	00043848
463048.53000	3772165.80000	4.6843150e-05	366.12	366.12	0.00	PERIOD	ALL	00043848
463056.86000	3772169.22000	4.7571330e-05	366.04	366.04	0.00	PERIOD	ALL	00043848

463065.19000	3772172.65000	4.8333180e-05	366.00	366.00	0.00	PERIOD	ALL	00043848
463081.84000	3772179.51000	4.9962720e-05	366.00	366.00	0.00	PERIOD	ALL	00043848
463090.17000	3772182.94000	5.0834280e-05	366.00	366.00	0.00	PERIOD	ALL	00043848
463106.82000	3772189.80000	5.2714480e-05	366.12	366.12	0.00	PERIOD	ALL	00043848
463115.14000	3772193.23000	5.3730170e-05	366.23	366.23	0.00	PERIOD	ALL	00043848
463123.47000	3772196.65000	5.4800370e-05	366.34	366.34	0.00	PERIOD	ALL	00043848
463140.12000	3772203.51000	5.7127460e-05	366.57	366.57	0.00	PERIOD	ALL	00043848
463148.45000	3772206.94000	5.8396580e-05	366.69	366.69	0.00	PERIOD	ALL	00043848
463198.41000	3772227.51000	6.8026040e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
463206.73000	3772230.94000	7.0088000e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
463223.39000	3772237.80000	7.4781050e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
463231.71000	3772241.23000	7.7463920e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
463240.04000	3772244.66000	8.0421620e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
463256.69000	3772251.51000	8.7334340e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
463265.02000	3772254.94000	9.1413550e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
463439.87000	3772326.95000	6.5591960e-04	367.00	367.00	0.00	PERIOD	ALL	00043848
463456.53000	3772333.80000	3.8277050e-04	367.00	367.00	0.00	PERIOD	ALL	00043848
463464.85000	3772337.23000	3.2104370e-04	367.03	367.03	0.00	PERIOD	ALL	00043848
463473.18000	3772340.66000	2.7825320e-04	367.14	367.14	0.00	PERIOD	ALL	00043848
463489.83000	3772347.52000	2.2220500e-04	367.37	367.37	0.00	PERIOD	ALL	00043848
463498.16000	3772350.95000	2.0265610e-04	367.49	367.49	0.00	PERIOD	ALL	00043848
463506.48000	3772354.38000	1.8671540e-04	367.60	367.60	0.00	PERIOD	ALL	00043848
463523.14000	3772361.23000	1.6181480e-04	367.46	367.46	0.00	PERIOD	ALL	00043848
463531.46000	3772364.66000	1.5199610e-04	367.26	367.26	0.00	PERIOD	ALL	00043848
463548.12000	3772371.52000	1.3605500e-04	367.17	367.17	0.00	PERIOD	ALL	00043848
463556.44000	3772374.95000	1.2951720e-04	367.29	367.29	0.00	PERIOD	ALL	00043848
463564.77000	3772378.38000	1.2368040e-04	367.40	367.40	0.00	PERIOD	ALL	00043848
463589.75000	3772388.66000	1.0945470e-04	367.74	367.74	0.00	PERIOD	ALL	00043848
463606.40000	3772395.52000	1.0193810e-04	367.75	367.75	0.00	PERIOD	ALL	00043848
463614.73000	3772398.95000	9.8593740e-05	367.54	367.54	0.00	PERIOD	ALL	00043848
463623.05000	3772402.38000	9.5526980e-05	367.38	367.38	0.00	PERIOD	ALL	00043848
463639.71000	3772409.23000	9.0094470e-05	367.43	367.43	0.00	PERIOD	ALL	00043848
463648.03000	3772412.66000	8.7672320e-05	367.54	367.54	0.00	PERIOD	ALL	00043848
463664.69000	3772419.52000	8.3285220e-05	367.77	367.77	0.00	PERIOD	ALL	00043848
463673.01000	3772422.95000	8.1294600e-05	367.89	367.89	0.00	PERIOD	ALL	00043848
463681.34000	3772426.38000	7.9416170e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463697.99000	3772433.24000	7.5926050e-05	367.79	367.79	0.00	PERIOD	ALL	00043848
463706.32000	3772436.66000	7.4312590e-05	367.64	367.64	0.00	PERIOD	ALL	00043848
462997.80000	3772148.67000	4.3161210e-05	366.05	366.05	0.00	PERIOD	ALL	00043848
462988.70000	3772148.69000	4.2782720e-05	366.27	366.27	0.00	PERIOD	ALL	00043848
462979.60000	3772148.71000	4.2415700e-05	366.50	366.50	0.00	PERIOD	ALL	00043848
462970.51000	3772148.73000	4.2059080e-05	366.73	366.73	0.00	PERIOD	ALL	00043848
462961.41000	3772148.75000	4.1705380e-05	366.82	366.82	0.00	PERIOD	ALL	00043848
462952.31000	3772148.77000	4.1360330e-05	366.89	366.89	0.00	PERIOD	ALL	00043848
462943.21000	3772148.79000	4.1024670e-05	366.97	366.97	0.00	PERIOD	ALL	00043848
462934.11000	3772148.80000	4.0694570e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
462925.01000	3772148.82000	4.0371750e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
462915.91000	3772148.84000	4.0056490e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
462908.00000	3773148.93000	8.9562410e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462908.09000	3773158.89000	9.1999750e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462908.18000	3773168.84000	9.3168900e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462908.27000	3773178.80000	9.3015020e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462908.36000	3773188.75000	9.1625200e-04	382.02	382.02	0.00	PERIOD	ALL	00043848
462908.46000	3773198.71000	8.9226040e-04	382.03	382.03	0.00	PERIOD	ALL	00043848
462908.55000	3773208.66000	8.6027640e-04	382.11	382.11	0.00	PERIOD	ALL	00043848
462908.64000	3773218.62000	8.2219060e-04	382.43	382.43	0.00	PERIOD	ALL	00043848
462908.73000	3773228.57000	7.8048910e-04	382.75	382.75	0.00	PERIOD	ALL	00043848
462908.82000	3773238.53000	7.3779460e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462900.89000	3773141.90000	7.8181830e-04	381.85	381.85	0.00	PERIOD	ALL	00043848
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462898.18000	3773168.93000	7.9271080e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462898.27000	3773178.89000	7.9273320e-04	382.03	382.03	0.00	PERIOD	ALL	00043848
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462898.73000	3773228.66000	6.8615220e-04	382.84	382.84	0.00	PERIOD	ALL	00043848
462898.82000	3773238.62000	6.5378190e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462890.89000	3773141.99000	6.7812670e-04	381.86	381.86	0.00	PERIOD	ALL	00043848
462903.76000	3773124.78000	7.5270880e-04	381.28	381.28	0.00	PERIOD	ALL	00043848
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462888.37000	3773188.93000	6.8022970e-04	382.30	382.30	0.00	PERIOD	ALL	00043848
462888.46000	3773198.89000	6.6816070e-04	382.53	382.53	0.00	PERIOD	ALL	00043848
462888.55000	3773208.84000	6.5136780e-04	382.73	382.73	0.00	PERIOD	ALL	00043848
462888.64000	3773218.80000	6.3127280e-04	382.82	382.82	0.00	PERIOD	ALL	00043848
462888.73000	3773228.75000	6.0835450e-04	382.92	382.92	0.00	PERIOD	ALL	00043848
462888.82000	3773238.71000	5.8355140e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
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462886.67000	3773127.84000	6.1010990e-04	381.38	381.38	0.00	PERIOD	ALL	00043848
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462828.00000	3773149.66000	3.4991250e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462828.09000	3773159.62000	3.5358700e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462828.19000	3773169.57000	3.5593850e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462828.28000	3773179.53000	3.5677350e-04	382.11	382.11	0.00	PERIOD	ALL	00043848
462828.37000	3773189.48000	3.5595200e-04	382.44	382.44	0.00	PERIOD	ALL	00043848
462828.46000	3773199.44000	3.5356920e-04	382.77	382.77	0.00	PERIOD	ALL	00043848
462828.55000	3773209.39000	3.5000750e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462828.64000	3773219.35000	3.4555100e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462828.73000	3773229.30000	3.3999300e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462828.82000	3773239.26000	3.3333000e-04	383.10	383.10	0.00	PERIOD	ALL	00043848
462821.62000	3773140.85000	3.2801860e-04	381.82	381.82	0.00	PERIOD	ALL	00043848
462825.23000	3773131.95000	3.3315890e-04	381.52	381.52	0.00	PERIOD	ALL	00043848
462828.84000	3773123.04000	3.3731920e-04	381.22	381.22	0.00	PERIOD	ALL	00043848
462832.45000	3773114.14000	3.4044050e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462836.06000	3773105.24000	3.4250280e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462839.67000	3773096.33000	3.4339550e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462843.28000	3773087.43000	3.4310690e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462855.76000	3773074.82000	3.6016760e-04	380.92	380.92	0.00	PERIOD	ALL	00043848
462864.62000	3773071.11000	3.7930120e-04	380.75	380.75	0.00	PERIOD	ALL	00043848
462873.48000	3773067.39000	3.9872440e-04	380.50	380.50	0.00	PERIOD	ALL	00043848
462882.34000	3773063.68000	4.1810390e-04	380.24	380.24	0.00	PERIOD	ALL	00043848
462891.20000	3773059.97000	4.3705270e-04	380.12	380.12	0.00	PERIOD	ALL	00043848
462900.07000	3773056.26000	4.5488770e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462908.93000	3773052.55000	4.7097440e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462818.00000	3773149.75000	3.2189630e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462818.10000	3773159.71000	3.2501500e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462818.19000	3773169.66000	3.2699540e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462818.28000	3773179.62000	3.2775320e-04	382.11	382.11	0.00	PERIOD	ALL	00043848
462818.37000	3773189.57000	3.2713860e-04	382.44	382.44	0.00	PERIOD	ALL	00043848
462818.46000	3773199.53000	3.2523000e-04	382.77	382.77	0.00	PERIOD	ALL	00043848
462818.55000	3773209.48000	3.2234460e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462818.64000	3773219.44000	3.1871660e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462818.73000	3773229.39000	3.1414990e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462818.82000	3773239.35000	3.0862600e-04	383.10	383.10	0.00	PERIOD	ALL	00043848
462801.47000	3773141.39000	2.8081880e-04	381.94	381.94	0.00	PERIOD	ALL	00043848
462804.94000	3773132.84000	2.8495960e-04	381.77	381.77	0.00	PERIOD	ALL	00043848
462808.41000	3773124.30000	2.8847660e-04	381.54	381.54	0.00	PERIOD	ALL	00043848
462811.87000	3773115.75000	2.9131940e-04	381.25	381.25	0.00	PERIOD	ALL	00043848
462815.34000	3773107.20000	2.9350730e-04	381.10	381.10	0.00	PERIOD	ALL	00043848
462818.81000	3773098.65000	2.9498670e-04	381.01	381.01	0.00	PERIOD	ALL	00043848
462822.27000	3773090.11000	2.9572700e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462825.74000	3773081.56000	2.9572930e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462829.21000	3773073.01000	2.9497040e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462841.18000	3773060.90000	3.0672730e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462849.69000	3773057.34000	3.2036250e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462858.20000	3773053.78000	3.3409490e-04	380.65	380.65	0.00	PERIOD	ALL	00043848
462866.70000	3773050.22000	3.4773920e-04	380.34	380.34	0.00	PERIOD	ALL	00043848
462875.21000	3773046.65000	3.6109180e-04	380.10	380.10	0.00	PERIOD	ALL	00043848
462883.72000	3773043.09000	3.7392780e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462892.23000	3773039.53000	3.8588400e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462900.73000	3773035.97000	3.9649590e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462909.24000	3773032.40000	4.0540310e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462798.01000	3773149.94000	2.7618530e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462798.10000	3773159.89000	2.7843090e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462798.19000	3773169.85000	2.7990540e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462798.28000	3773179.80000	2.8051750e-04	382.12	382.12	0.00	PERIOD	ALL	00043848
462798.37000	3773189.76000	2.8015850e-04	382.45	382.45	0.00	PERIOD	ALL	00043848
462798.46000	3773199.71000	2.7889180e-04	382.78	382.78	0.00	PERIOD	ALL	00043848
462798.55000	3773209.67000	2.7694610e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462798.64000	3773219.62000	2.7447750e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462798.73000	3773229.58000	2.7131410e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462798.82000	3773239.53000	2.6742460e-04	383.11	383.11	0.00	PERIOD	ALL	00043848
462781.68000	3773141.05000	2.4456210e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462785.36000	3773131.99000	2.4812090e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462789.04000	3773122.92000	2.5121320e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462792.71000	3773113.86000	2.5385320e-04	381.82	381.82	0.00	PERIOD	ALL	00043848
462796.39000	3773104.79000	2.5591550e-04	381.48	381.48	0.00	PERIOD	ALL	00043848
462800.07000	3773095.73000	2.5740770e-04	381.20	381.20	0.00	PERIOD	ALL	00043848
462803.74000	3773086.66000	2.5828720e-04	381.01	381.01	0.00	PERIOD	ALL	00043848
462807.42000	3773077.60000	2.5860000e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462811.10000	3773068.53000	2.5830050e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462814.77000	3773059.47000	2.5738330e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462827.47000	3773046.62000	2.6669870e-04	380.68	380.68	0.00	PERIOD	ALL	00043848
462836.50000	3773042.85000	2.7777040e-04	380.55	380.55	0.00	PERIOD	ALL	00043848
462845.52000	3773039.07000	2.8889130e-04	380.42	380.42	0.00	PERIOD	ALL	00043848
462854.54000	3773035.29000	2.9991020e-04	380.25	380.25	0.00	PERIOD	ALL	00043848
462863.57000	3773031.51000	3.1065110e-04	380.09	380.09	0.00	PERIOD	ALL	00043848
462872.59000	3773027.73000	3.2087300e-04	380.01	380.01	0.00	PERIOD	ALL	00043848
462881.61000	3773023.95000	3.3033800e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462890.64000	3773020.18000	3.3878400e-04	380.00	380.00	0.00	PERIOD	ALL	00043848

462899.66000	3773016.40000	3.4585970e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462908.68000	3773012.62000	3.5136020e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462778.01000	3773150.12000	2.4060410e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462778.10000	3773160.07000	2.4228560e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462778.19000	3773170.03000	2.4341060e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462778.28000	3773179.98000	2.4390890e-04	382.12	382.12	0.00	PERIOD	ALL	00043848
462778.37000	3773189.94000	2.4369460e-04	382.45	382.45	0.00	PERIOD	ALL	00043848
462778.46000	3773199.89000	2.4281220e-04	382.79	382.79	0.00	PERIOD	ALL	00043848
462778.55000	3773209.85000	2.4145630e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462778.64000	3773219.80000	2.3972120e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462778.73000	3773229.76000	2.3746720e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462778.82000	3773239.71000	2.3465580e-04	383.11	383.11	0.00	PERIOD	ALL	00043848
462761.56000	3773141.54000	2.1544380e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462765.12000	3773132.77000	2.1834440e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462768.67000	3773124.00000	2.2092020e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462772.23000	3773115.24000	2.2319070e-04	381.96	381.96	0.00	PERIOD	ALL	00043848
462775.78000	3773106.47000	2.2512310e-04	381.67	381.67	0.00	PERIOD	ALL	00043848
462779.34000	3773097.70000	2.2665480e-04	381.38	381.38	0.00	PERIOD	ALL	00043848
462782.90000	3773088.94000	2.2779370e-04	381.09	381.09	0.00	PERIOD	ALL	00043848
462786.45000	3773080.17000	2.2850590e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462790.01000	3773071.41000	2.2882820e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462793.56000	3773062.64000	2.2871780e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462797.12000	3773053.87000	2.2820350e-04	380.92	380.92	0.00	PERIOD	ALL	00043848
462800.67000	3773045.11000	2.2725830e-04	380.63	380.63	0.00	PERIOD	ALL	00043848
462812.96000	3773032.69000	2.3418690e-04	380.21	380.21	0.00	PERIOD	ALL	00043848
462821.68000	3773029.03000	2.4256940e-04	380.09	380.09	0.00	PERIOD	ALL	00043848
462830.41000	3773025.38000	2.5101500e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462839.13000	3773021.72000	2.5939740e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462847.86000	3773018.07000	2.6763060e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462856.58000	3773014.42000	2.7554100e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462865.31000	3773010.76000	2.8299170e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462874.04000	3773007.11000	2.8983490e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462882.76000	3773003.46000	2.9588270e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462891.49000	3772999.80000	3.0099120e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462900.21000	3772996.15000	3.0503240e-04	379.99	379.99	0.00	PERIOD	ALL	00043848
462908.94000	3772992.49000	3.0785730e-04	379.87	379.87	0.00	PERIOD	ALL	00043848
462758.01000	3773150.30000	2.1226840e-04	382.01	382.01	0.00	PERIOD	ALL	00043848
462758.10000	3773160.26000	2.1355600e-04	382.02	382.02	0.00	PERIOD	ALL	00043848
462758.19000	3773170.21000	2.1442510e-04	382.04	382.04	0.00	PERIOD	ALL	00043848
462758.28000	3773180.17000	2.1482850e-04	382.17	382.17	0.00	PERIOD	ALL	00043848
462758.37000	3773190.12000	2.1469670e-04	382.48	382.48	0.00	PERIOD	ALL	00043848
462758.46000	3773200.08000	2.1407510e-04	382.80	382.80	0.00	PERIOD	ALL	00043848
462758.55000	3773210.03000	2.1310330e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462758.64000	3773219.99000	2.1184890e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462758.73000	3773229.94000	2.1020350e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462758.83000	3773239.90000	2.0812520e-04	383.12	383.12	0.00	PERIOD	ALL	00043848
462745.44000	3773132.17000	1.9459320e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462749.15000	3773123.01000	1.9688090e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462752.86000	3773113.85000	1.9891970e-04	381.92	381.92	0.00	PERIOD	ALL	00043848
462756.58000	3773104.70000	2.0069620e-04	381.61	381.61	0.00	PERIOD	ALL	00043848
462760.29000	3773095.54000	2.0213110e-04	381.31	381.31	0.00	PERIOD	ALL	00043848
462764.01000	3773086.38000	2.0325220e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462767.72000	3773077.22000	2.0402230e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462771.44000	3773068.07000	2.0447440e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462775.15000	3773058.91000	2.0457380e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462778.87000	3773049.75000	2.0434800e-04	380.78	380.78	0.00	PERIOD	ALL	00043848
462782.58000	3773040.59000	2.0376420e-04	380.48	380.48	0.00	PERIOD	ALL	00043848
462786.29000	3773031.44000	2.0284020e-04	380.17	380.17	0.00	PERIOD	ALL	00043848
462799.12000	3773018.46000	2.0857810e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462808.24000	3773014.64000	2.1565660e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462817.35000	3773010.83000	2.2274720e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462826.47000	3773007.01000	2.2977730e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462835.59000	3773003.19000	2.3664950e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462844.70000	3772999.38000	2.4325530e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462853.82000	3772995.56000	2.4947550e-04	379.97	379.97	0.00	PERIOD	ALL	00043848
462862.93000	3772991.74000	2.5515970e-04	379.85	379.85	0.00	PERIOD	ALL	00043848
462872.05000	3772987.93000	2.6023090e-04	379.72	379.72	0.00	PERIOD	ALL	00043848
462881.16000	3772984.11000	2.6452890e-04	379.59	379.59	0.00	PERIOD	ALL	00043848
462890.28000	3772980.29000	2.6799020e-04	379.47	379.47	0.00	PERIOD	ALL	00043848
462899.39000	3772976.47000	2.7051210e-04	379.34	379.34	0.00	PERIOD	ALL	00043848
462908.51000	3772972.66000	2.7208550e-04	379.21	379.21	0.00	PERIOD	ALL	00043848
462721.62000	3773141.76000	1.7256580e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462725.23000	3773132.86000	1.7469390e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462728.84000	3773123.96000	1.7664020e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462746.90000	3773079.44000	1.8333820e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462750.51000	3773070.54000	1.8396590e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462754.12000	3773061.63000	1.8434850e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462757.73000	3773052.73000	1.8449540e-04	380.89	380.89	0.00	PERIOD	ALL	00043848
462761.34000	3773043.83000	1.8439970e-04	380.58	380.58	0.00	PERIOD	ALL	00043848
462764.95000	3773034.92000	1.8404770e-04	380.29	380.29	0.00	PERIOD	ALL	00043848
462768.56000	3773026.02000	1.8344830e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462772.18000	3773017.12000	1.8262240e-04	380.00	380.00	0.00	PERIOD	ALL	00043848

462784.65000	3773004.50000	1.8713280e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462793.51000	3773000.79000	1.9277370e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462802.37000	3772997.08000	1.9842160e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462811.24000	3772993.37000	2.0403460e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462820.10000	3772989.66000	2.0953460e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462828.96000	3772985.95000	2.1485380e-04	379.89	379.89	0.00	PERIOD	ALL	00043848
462837.82000	3772982.24000	2.1991650e-04	379.72	379.72	0.00	PERIOD	ALL	00043848
462846.68000	3772978.53000	2.2463630e-04	379.47	379.47	0.00	PERIOD	ALL	00043848
462855.55000	3772974.82000	2.2896440e-04	379.28	379.28	0.00	PERIOD	ALL	00043848
462864.41000	3772971.11000	2.3281380e-04	379.16	379.16	0.00	PERIOD	ALL	00043848
462873.27000	3772967.39000	2.3609900e-04	379.04	379.04	0.00	PERIOD	ALL	00043848
462882.13000	3772963.68000	2.3880550e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462891.00000	3772959.97000	2.4087520e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462899.86000	3772956.26000	2.4225410e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462908.72000	3772952.55000	2.4294160e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462718.01000	3773150.67000	1.7023450e-04	382.14	382.14	0.00	PERIOD	ALL	00043848
462718.10000	3773160.62000	1.7092150e-04	382.48	382.48	0.00	PERIOD	ALL	00043848
462718.19000	3773170.58000	1.7133110e-04	382.81	382.81	0.00	PERIOD	ALL	00043848
462718.28000	3773180.53000	1.7155160e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462718.37000	3773190.49000	1.7160780e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462718.46000	3773200.44000	1.7140910e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462718.55000	3773210.40000	1.7093370e-04	383.05	383.05	0.00	PERIOD	ALL	00043848
462718.65000	3773220.35000	1.7018800e-04	383.17	383.17	0.00	PERIOD	ALL	00043848
462718.74000	3773230.31000	1.6919430e-04	383.29	383.29	0.00	PERIOD	ALL	00043848
462718.83000	3773240.26000	1.6796160e-04	383.44	383.44	0.00	PERIOD	ALL	00043848
462701.75000	3773141.63000	1.5640290e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462705.49000	3773132.42000	1.5830190e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462709.23000	3773123.20000	1.6004780e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462712.96000	3773113.98000	1.6162990e-04	381.97	381.97	0.00	PERIOD	ALL	00043848
462716.70000	3773104.76000	1.6307590e-04	381.78	381.78	0.00	PERIOD	ALL	00043848
462720.44000	3773095.55000	1.6433130e-04	381.52	381.52	0.00	PERIOD	ALL	00043848
462724.18000	3773086.33000	1.6540000e-04	381.18	381.18	0.00	PERIOD	ALL	00043848
462727.92000	3773077.11000	1.6625370e-04	381.04	381.04	0.00	PERIOD	ALL	00043848
462731.66000	3773067.89000	1.6690080e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462735.40000	3773058.68000	1.6734600e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462739.13000	3773049.46000	1.6758150e-04	380.93	380.93	0.00	PERIOD	ALL	00043848
462742.87000	3773040.24000	1.6762510e-04	380.76	380.76	0.00	PERIOD	ALL	00043848
462746.61000	3773031.02000	1.6746380e-04	380.52	380.52	0.00	PERIOD	ALL	00043848
462750.35000	3773021.81000	1.6709860e-04	380.26	380.26	0.00	PERIOD	ALL	00043848
462754.09000	3773012.59000	1.6652130e-04	380.10	380.10	0.00	PERIOD	ALL	00043848
462757.83000	3773003.37000	1.6573930e-04	380.01	380.01	0.00	PERIOD	ALL	00043848
462770.74000	3772990.31000	1.6959070e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462779.92000	3772986.47000	1.7446660e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462789.09000	3772982.63000	1.7933450e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462798.27000	3772978.78000	1.8416090e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462807.44000	3772974.94000	1.8889350e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462816.62000	3772971.10000	1.9348800e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462825.79000	3772967.26000	1.9786170e-04	379.80	379.80	0.00	PERIOD	ALL	00043848
462834.97000	3772963.42000	2.0195430e-04	379.44	379.44	0.00	PERIOD	ALL	00043848
462844.14000	3772959.58000	2.0570130e-04	379.14	379.14	0.00	PERIOD	ALL	00043848
462853.32000	3772955.73000	2.0907080e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462862.49000	3772951.89000	2.1201890e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462871.67000	3772948.05000	2.1448020e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462880.84000	3772944.21000	2.1640390e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462890.02000	3772940.37000	2.1777770e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462899.19000	3772936.52000	2.1857020e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462908.37000	3772932.68000	2.1879820e-04	378.88	378.88	0.00	PERIOD	ALL	00043848
462698.01000	3773150.85000	1.5431630e-04	382.20	382.20	0.00	PERIOD	ALL	00043848
462698.10000	3773160.81000	1.5486780e-04	382.51	382.51	0.00	PERIOD	ALL	00043848
462698.19000	3773170.76000	1.5520220e-04	382.82	382.82	0.00	PERIOD	ALL	00043848
462698.28000	3773180.72000	1.5538540e-04	383.01	383.01	0.00	PERIOD	ALL	00043848
462698.37000	3773190.67000	1.5544230e-04	383.02	383.02	0.00	PERIOD	ALL	00043848
462698.46000	3773200.63000	1.5529800e-04	383.03	383.03	0.00	PERIOD	ALL	00043848
462698.56000	3773210.58000	1.5490750e-04	383.17	383.17	0.00	PERIOD	ALL	00043848
462698.65000	3773220.54000	1.5423440e-04	383.49	383.49	0.00	PERIOD	ALL	00043848
462698.74000	3773230.49000	1.5336200e-04	383.81	383.81	0.00	PERIOD	ALL	00043848
462698.83000	3773240.45000	1.5233010e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462681.66000	3773142.04000	1.4246410e-04	382.51	382.51	0.00	PERIOD	ALL	00043848
462685.31000	3773133.04000	1.4415750e-04	382.27	382.27	0.00	PERIOD	ALL	00043848
462688.96000	3773124.04000	1.4570540e-04	382.09	382.09	0.00	PERIOD	ALL	00043848
462692.61000	3773115.05000	1.4711020e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462696.26000	3773106.05000	1.4836280e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462699.91000	3773097.05000	1.4948160e-04	381.99	381.99	0.00	PERIOD	ALL	00043848
462703.55000	3773088.05000	1.5047650e-04	381.88	381.88	0.00	PERIOD	ALL	00043848
462707.20000	3773079.06000	1.5134690e-04	381.57	381.57	0.00	PERIOD	ALL	00043848
462710.85000	3773070.06000	1.5205800e-04	381.29	381.29	0.00	PERIOD	ALL	00043848
462714.50000	3773061.06000	1.5260850e-04	381.08	381.08	0.00	PERIOD	ALL	00043848
462718.15000	3773052.07000	1.5299530e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462721.80000	3773043.07000	1.5321860e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462725.45000	3773034.07000	1.5328680e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462729.10000	3773025.08000	1.5320600e-04	380.96	380.96	0.00	PERIOD	ALL	00043848
462732.75000	3773016.08000	1.5299130e-04	380.59	380.59	0.00	PERIOD	ALL	00043848

462736.40000	3773007.08000	1.5261240e-04	380.28	380.28	0.00	PERIOD	ALL	00043848
462740.05000	3772998.08000	1.5207270e-04	380.04	380.04	0.00	PERIOD	ALL	00043848
462743.70000	3772989.09000	1.5137600e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462756.30000	3772976.34000	1.5451740e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462765.26000	3772972.59000	1.5853980e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462774.21000	3772968.84000	1.6255430e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462783.17000	3772965.09000	1.6654500e-04	379.96	379.96	0.00	PERIOD	ALL	00043848
462792.12000	3772961.34000	1.7046580e-04	379.83	379.83	0.00	PERIOD	ALL	00043848
462801.08000	3772957.59000	1.7429030e-04	379.71	379.71	0.00	PERIOD	ALL	00043848
462810.03000	3772953.84000	1.7796640e-04	379.58	379.58	0.00	PERIOD	ALL	00043848
462818.99000	3772950.09000	1.8146640e-04	379.46	379.46	0.00	PERIOD	ALL	00043848
462827.94000	3772946.34000	1.8472850e-04	379.24	379.24	0.00	PERIOD	ALL	00043848
462836.90000	3772942.59000	1.8773090e-04	379.09	379.09	0.00	PERIOD	ALL	00043848
462845.85000	3772938.84000	1.9042580e-04	379.01	379.01	0.00	PERIOD	ALL	00043848
462854.81000	3772935.09000	1.9279150e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462863.77000	3772931.34000	1.9478540e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462872.72000	3772927.59000	1.9637720e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462881.68000	3772923.84000	1.9755870e-04	378.97	378.97	0.00	PERIOD	ALL	00043848
462890.63000	3772920.09000	1.9829990e-04	378.80	378.80	0.00	PERIOD	ALL	00043848
462899.59000	3772916.34000	1.9861750e-04	378.56	378.56	0.00	PERIOD	ALL	00043848
462908.54000	3772912.59000	1.9851540e-04	378.24	378.24	0.00	PERIOD	ALL	00043848
462678.01000	3773151.03000	1.4065440e-04	382.76	382.76	0.00	PERIOD	ALL	00043848
462678.10000	3773160.99000	1.4115450e-04	382.86	382.86	0.00	PERIOD	ALL	00043848
462678.19000	3773170.94000	1.4150270e-04	382.95	382.95	0.00	PERIOD	ALL	00043848
462678.28000	3773180.90000	1.4166540e-04	383.11	383.11	0.00	PERIOD	ALL	00043848
462678.37000	3773190.85000	1.4163860e-04	383.34	383.34	0.00	PERIOD	ALL	00043848
462678.47000	3773200.81000	1.4144950e-04	383.58	383.58	0.00	PERIOD	ALL	00043848
462678.56000	3773210.76000	1.4112040e-04	383.75	383.75	0.00	PERIOD	ALL	00043848
462678.65000	3773220.72000	1.4066830e-04	383.84	383.84	0.00	PERIOD	ALL	00043848
462678.74000	3773230.67000	1.4004930e-04	383.94	383.94	0.00	PERIOD	ALL	00043848
462678.83000	3773240.63000	1.3928680e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462661.59000	3773142.40000	1.3055510e-04	382.87	382.87	0.00	PERIOD	ALL	00043848
462665.16000	3773133.58000	1.3204200e-04	382.57	382.57	0.00	PERIOD	ALL	00043848
462668.74000	3773124.76000	1.3343790e-04	382.28	382.28	0.00	PERIOD	ALL	00043848
462672.32000	3773115.94000	1.3471700e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462675.89000	3773107.12000	1.3582800e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462679.47000	3773098.31000	1.3684210e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462683.05000	3773089.49000	1.3774660e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462686.62000	3773080.67000	1.3857220e-04	381.81	381.81	0.00	PERIOD	ALL	00043848
462690.20000	3773071.85000	1.3928620e-04	381.52	381.52	0.00	PERIOD	ALL	00043848
462693.78000	3773063.03000	1.3988310e-04	381.22	381.22	0.00	PERIOD	ALL	00043848
462697.36000	3773054.21000	1.4035140e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462700.93000	3773045.39000	1.4067340e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462704.51000	3773036.58000	1.4088380e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462708.09000	3773027.76000	1.4097240e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462711.66000	3773018.94000	1.4095780e-04	380.75	380.75	0.00	PERIOD	ALL	00043848
462715.24000	3773010.12000	1.4082860e-04	380.46	380.46	0.00	PERIOD	ALL	00043848
462718.82000	3773001.30000	1.4057740e-04	380.17	380.17	0.00	PERIOD	ALL	00043848
462722.39000	3772992.48000	1.4019230e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462725.97000	3772983.66000	1.3968600e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462729.55000	3772974.85000	1.3906480e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462741.90000	3772962.35000	1.4168070e-04	379.87	379.87	0.00	PERIOD	ALL	00043848
462750.68000	3772958.68000	1.4505900e-04	379.74	379.74	0.00	PERIOD	ALL	00043848
462759.46000	3772955.00000	1.4843010e-04	379.62	379.62	0.00	PERIOD	ALL	00043848
462768.23000	3772951.33000	1.5177570e-04	379.50	379.50	0.00	PERIOD	ALL	00043848
462777.01000	3772947.65000	1.5507600e-04	379.38	379.38	0.00	PERIOD	ALL	00043848
462785.79000	3772943.97000	1.5830370e-04	379.25	379.25	0.00	PERIOD	ALL	00043848
462794.57000	3772940.30000	1.6143550e-04	379.13	379.13	0.00	PERIOD	ALL	00043848
462803.35000	3772936.62000	1.6443340e-04	379.01	379.01	0.00	PERIOD	ALL	00043848
462812.12000	3772932.95000	1.6727800e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462820.90000	3772929.27000	1.6993660e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462829.68000	3772925.60000	1.7238550e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462838.46000	3772921.92000	1.7458550e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462847.23000	3772918.25000	1.7652010e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462856.01000	3772914.57000	1.7816580e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462864.79000	3772910.89000	1.7950820e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462873.57000	3772907.22000	1.8054490e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462882.35000	3772903.54000	1.8124700e-04	378.83	378.83	0.00	PERIOD	ALL	00043848
462891.12000	3772899.87000	1.8161880e-04	378.48	378.48	0.00	PERIOD	ALL	00043848
462658.01000	3773151.22000	1.2903960e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462658.10000	3773161.17000	1.2948500e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462658.19000	3773171.13000	1.2980460e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462658.28000	3773181.08000	1.2994120e-04	383.16	383.16	0.00	PERIOD	ALL	00043848
462658.37000	3773191.04000	1.2988590e-04	383.49	383.49	0.00	PERIOD	ALL	00043848
462658.47000	3773200.99000	1.2969690e-04	383.82	383.82	0.00	PERIOD	ALL	00043848
462658.56000	3773210.95000	1.2940030e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462658.65000	3773220.90000	1.2907410e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462658.74000	3773230.86000	1.2862310e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462658.83000	3773240.81000	1.2801370e-04	384.05	384.05	0.00	PERIOD	ALL	00043848
462641.69000	3773142.33000	1.2043400e-04	382.87	382.87	0.00	PERIOD	ALL	00043848
462645.37000	3773133.27000	1.2178980e-04	382.56	382.56	0.00	PERIOD	ALL	00043848
462649.04000	3773124.20000	1.2305570e-04	382.26	382.26	0.00	PERIOD	ALL	00043848

462652.72000	3773115.14000	1.2422110e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462656.40000	3773106.07000	1.2524610e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462660.07000	3773097.01000	1.2617750e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462663.75000	3773087.94000	1.2701950e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462667.43000	3773078.88000	1.2781040e-04	381.75	381.75	0.00	PERIOD	ALL	00043848
462671.10000	3773069.81000	1.2848920e-04	381.45	381.45	0.00	PERIOD	ALL	00043848
462674.78000	3773060.75000	1.2907290e-04	381.15	381.15	0.00	PERIOD	ALL	00043848
462678.46000	3773051.68000	1.2953580e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462682.13000	3773042.62000	1.2987760e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462685.81000	3773033.55000	1.3012000e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462689.49000	3773024.49000	1.3026690e-04	380.94	380.94	0.00	PERIOD	ALL	00043848
462693.16000	3773015.42000	1.3032490e-04	380.64	380.64	0.00	PERIOD	ALL	00043848
462696.84000	3773006.36000	1.3028480e-04	380.33	380.33	0.00	PERIOD	ALL	00043848
462700.52000	3772997.29000	1.3013540e-04	380.03	380.03	0.00	PERIOD	ALL	00043848
462704.19000	3772988.23000	1.2986390e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462707.87000	3772979.16000	1.2949070e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462711.55000	3772970.10000	1.2901780e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462715.22000	3772961.03000	1.2844730e-04	379.82	379.82	0.00	PERIOD	ALL	00043848
462727.92000	3772948.19000	1.3077560e-04	379.40	379.40	0.00	PERIOD	ALL	00043848
462736.95000	3772944.41000	1.3377840e-04	379.27	379.27	0.00	PERIOD	ALL	00043848
462745.97000	3772940.63000	1.3677150e-04	379.14	379.14	0.00	PERIOD	ALL	00043848
462755.00000	3772936.85000	1.3974670e-04	379.02	379.02	0.00	PERIOD	ALL	00043848
462764.02000	3772933.07000	1.4267660e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462773.04000	3772929.29000	1.4554550e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462782.07000	3772925.52000	1.4833950e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462791.09000	3772921.74000	1.5101700e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462800.11000	3772917.96000	1.5356220e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462809.14000	3772914.18000	1.5595520e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462818.16000	3772910.40000	1.5816280e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462827.18000	3772906.62000	1.6016720e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462836.21000	3772902.85000	1.6195530e-04	378.88	378.88	0.00	PERIOD	ALL	00043848
462845.23000	3772899.07000	1.6349130e-04	378.76	378.76	0.00	PERIOD	ALL	00043848
462638.01000	3773151.40000	1.1906400e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462638.10000	3773161.35000	1.1943830e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462638.19000	3773171.31000	1.1970900e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
462638.28000	3773181.26000	1.1982490e-04	383.16	383.16	0.00	PERIOD	ALL	00043848
462638.38000	3773191.22000	1.1977940e-04	383.50	383.50	0.00	PERIOD	ALL	00043848
462638.47000	3773201.17000	1.1961750e-04	383.83	383.83	0.00	PERIOD	ALL	00043848
462638.56000	3773211.13000	1.1937750e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462638.65000	3773221.08000	1.1911760e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462638.74000	3773231.04000	1.1875480e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462638.83000	3773240.99000	1.1818070e-04	384.16	384.16	0.00	PERIOD	ALL	00043848
462628.85000	3773124.87000	1.1385890e-04	382.28	382.28	0.00	PERIOD	ALL	00043848
462632.46000	3773115.97000	1.1489720e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462636.07000	3773107.07000	1.1581370e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462639.68000	3773098.16000	1.1665890e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462643.29000	3773089.26000	1.1743150e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462646.90000	3773080.36000	1.1816380e-04	381.80	381.80	0.00	PERIOD	ALL	00043848
462650.51000	3773071.45000	1.1881870e-04	381.50	381.50	0.00	PERIOD	ALL	00043848
462654.12000	3773062.55000	1.1939320e-04	381.21	381.21	0.00	PERIOD	ALL	00043848
462657.74000	3773053.65000	1.1988120e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462661.35000	3773044.74000	1.2026000e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462664.96000	3773035.84000	1.2055850e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462668.57000	3773026.94000	1.2077490e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462672.18000	3773018.03000	1.2093520e-04	380.72	380.72	0.00	PERIOD	ALL	00043848
462675.79000	3773009.13000	1.2101310e-04	380.43	380.43	0.00	PERIOD	ALL	00043848
462679.40000	3773000.23000	1.2100810e-04	380.13	380.13	0.00	PERIOD	ALL	00043848
462683.01000	3772991.32000	1.2090560e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462686.62000	3772982.42000	1.2071500e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462690.24000	3772973.52000	1.2044680e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462693.85000	3772964.61000	1.2009530e-04	379.94	379.94	0.00	PERIOD	ALL	00043848
462697.46000	3772955.71000	1.1967860e-04	379.65	379.65	0.00	PERIOD	ALL	00043848
462701.07000	3772946.81000	1.1918100e-04	379.35	379.35	0.00	PERIOD	ALL	00043848
462713.54000	3772934.19000	1.2116080e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462722.40000	3772930.48000	1.2372850e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462731.27000	3772926.77000	1.2629770e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462740.13000	3772923.06000	1.2884790e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462748.99000	3772919.35000	1.3136910e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462757.85000	3772915.64000	1.3384560e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462766.72000	3772911.93000	1.3626520e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462775.58000	3772908.22000	1.3860230e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462784.44000	3772904.50000	1.4083940e-04	378.94	378.94	0.00	PERIOD	ALL	00043848
462793.30000	3772900.79000	1.4296530e-04	378.82	378.82	0.00	PERIOD	ALL	00043848
462802.16000	3772897.08000	1.4495720e-04	378.69	378.69	0.00	PERIOD	ALL	00043848
462890.79000	3772859.97000	1.5487930e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462899.65000	3772856.26000	1.5479330e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462908.51000	3772852.55000	1.5453880e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462591.68000	3773142.82000	1.0023650e-04	382.88	382.88	0.00	PERIOD	ALL	00043848
462595.35000	3773133.78000	1.0125870e-04	382.58	382.58	0.00	PERIOD	ALL	00043848
462599.01000	3773124.74000	1.0222770e-04	382.28	382.28	0.00	PERIOD	ALL	00043848
462602.68000	3773115.70000	1.0313430e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
462606.35000	3773106.65000	1.0393780e-04	382.00	382.00	0.00	PERIOD	ALL	00043848

462628.35000	3773052.41000	1.0765830e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462632.01000	3773043.37000	1.0803820e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462635.68000	3773034.33000	1.0835750e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462639.35000	3773025.29000	1.0861530e-04	380.97	380.97	0.00	PERIOD	ALL	00043848
462643.01000	3773016.25000	1.0883240e-04	380.66	380.66	0.00	PERIOD	ALL	00043848
462646.68000	3773007.21000	1.0898530e-04	380.36	380.36	0.00	PERIOD	ALL	00043848
462650.35000	3772998.17000	1.0907180e-04	380.06	380.06	0.00	PERIOD	ALL	00043848
462654.01000	3772989.13000	1.0907080e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462657.68000	3772980.09000	1.0900470e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462661.35000	3772971.05000	1.0887430e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462665.01000	3772962.01000	1.0868550e-04	379.88	379.88	0.00	PERIOD	ALL	00043848
462668.68000	3772952.97000	1.0844790e-04	379.57	379.57	0.00	PERIOD	ALL	00043848
462672.35000	3772943.93000	1.0814630e-04	379.25	379.25	0.00	PERIOD	ALL	00043848
462676.01000	3772934.89000	1.0777250e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462679.68000	3772925.85000	1.0732830e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462692.35000	3772913.04000	1.0897570e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462701.35000	3772909.27000	1.1113500e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
462710.34000	3772905.50000	1.1329000e-04	378.97	378.97	0.00	PERIOD	ALL	00043848
462719.34000	3772901.74000	1.1544200e-04	378.85	378.85	0.00	PERIOD	ALL	00043848
462728.34000	3772897.97000	1.1756830e-04	378.72	378.72	0.00	PERIOD	ALL	00043848
462737.34000	3772894.20000	1.1966020e-04	378.60	378.60	0.00	PERIOD	ALL	00043848
462827.33000	3772856.52000	1.3599320e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462836.32000	3772852.75000	1.3691940e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462845.32000	3772848.98000	1.3769040e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462854.32000	3772845.22000	1.3830600e-04	377.96	377.96	0.00	PERIOD	ALL	00043848
462863.32000	3772841.45000	1.3875750e-04	377.84	377.84	0.00	PERIOD	ALL	00043848
462872.32000	3772837.68000	1.3905450e-04	377.71	377.71	0.00	PERIOD	ALL	00043848
462881.32000	3772833.91000	1.3920420e-04	377.59	377.59	0.00	PERIOD	ALL	00043848
462890.32000	3772830.14000	1.3921530e-04	377.46	377.46	0.00	PERIOD	ALL	00043848
462899.31000	3772826.38000	1.3910200e-04	377.33	377.33	0.00	PERIOD	ALL	00043848
462588.01000	3773151.86000	9.9215310e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462588.10000	3773161.81000	9.9467540e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462588.20000	3773171.77000	9.9656670e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462588.29000	3773181.72000	9.9729940e-05	383.18	383.18	0.00	PERIOD	ALL	00043848
462588.38000	3773191.68000	9.9694410e-05	383.51	383.51	0.00	PERIOD	ALL	00043848
462588.47000	3773201.63000	9.9584960e-05	383.84	383.84	0.00	PERIOD	ALL	00043848
462588.56000	3773211.59000	9.9433280e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462588.65000	3773221.54000	9.9279800e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462588.74000	3773231.50000	9.9059900e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462588.83000	3773241.45000	9.8680300e-05	384.17	384.17	0.00	PERIOD	ALL	00043848
462561.73000	3773142.97000	9.0774080e-05	382.89	382.89	0.00	PERIOD	ALL	00043848
462565.44000	3773133.82000	9.1662910e-05	382.58	382.58	0.00	PERIOD	ALL	00043848
462569.16000	3773124.66000	9.2512810e-05	382.28	382.28	0.00	PERIOD	ALL	00043848
462572.87000	3773115.50000	9.3306750e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462576.59000	3773106.34000	9.4015670e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462580.30000	3773097.18000	9.4677820e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462584.02000	3773088.03000	9.5298190e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462587.73000	3773078.87000	9.5904600e-05	381.75	381.75	0.00	PERIOD	ALL	00043848
462591.44000	3773069.71000	9.6461390e-05	381.45	381.45	0.00	PERIOD	ALL	00043848
462595.16000	3773060.55000	9.6972490e-05	381.14	381.14	0.00	PERIOD	ALL	00043848
462598.87000	3773051.40000	9.7410980e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462602.59000	3773042.24000	9.7785780e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462606.30000	3773033.08000	9.8105880e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462628.59000	3772978.13000	9.9035680e-05	380.14	380.14	0.00	PERIOD	ALL	00043848
462632.30000	3772968.98000	9.9007050e-05	380.02	380.02	0.00	PERIOD	ALL	00043848
462636.02000	3772959.82000	9.8920490e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462639.73000	3772950.66000	9.8778150e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462643.44000	3772941.50000	9.8593500e-05	379.90	379.90	0.00	PERIOD	ALL	00043848
462647.16000	3772932.35000	9.8374000e-05	379.65	379.65	0.00	PERIOD	ALL	00043848
462650.87000	3772923.19000	9.8102820e-05	379.35	379.35	0.00	PERIOD	ALL	00043848
462654.59000	3772914.03000	9.7778250e-05	379.13	379.13	0.00	PERIOD	ALL	00043848
462658.30000	3772904.87000	9.7394830e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462671.13000	3772891.90000	9.8792680e-05	378.98	378.98	0.00	PERIOD	ALL	00043848
462762.29000	3772853.73000	1.1616790e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462771.40000	3772849.91000	1.1760620e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462780.52000	3772846.09000	1.1895690e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462789.63000	3772842.28000	1.2020930e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462798.75000	3772838.46000	1.2135540e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462807.86000	3772834.64000	1.2238660e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462816.98000	3772830.83000	1.2330640e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462826.09000	3772827.01000	1.2410080e-04	377.86	377.86	0.00	PERIOD	ALL	00043848
462889.90000	3772800.29000	1.2633420e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
462899.02000	3772796.47000	1.2623530e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
462908.13000	3772792.66000	1.2605930e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
462558.02000	3773152.13000	8.9894970e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462558.11000	3773162.09000	9.0098930e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462558.20000	3773172.04000	9.0250480e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462558.29000	3773182.00000	9.0306400e-05	383.19	383.19	0.00	PERIOD	ALL	00043848
462558.38000	3773191.95000	9.0274310e-05	383.52	383.52	0.00	PERIOD	ALL	00043848
462558.47000	3773201.91000	9.0184170e-05	383.85	383.85	0.00	PERIOD	ALL	00043848
462558.56000	3773211.86000	9.0066750e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462558.65000	3773221.82000	8.9952120e-05	384.00	384.00	0.00	PERIOD	ALL	00043848

462558.74000	3773231.77000	8.9785420e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462558.83000	3773241.73000	8.9477730e-05	384.18	384.18	0.00	PERIOD	ALL	00043848
462531.65000	3773143.44000	8.2723290e-05	382.96	382.96	0.00	PERIOD	ALL	00043848
462535.29000	3773134.48000	8.3455640e-05	382.79	382.79	0.00	PERIOD	ALL	00043848
462538.92000	3773125.52000	8.4172200e-05	382.55	382.55	0.00	PERIOD	ALL	00043848
462542.55000	3773116.56000	8.4869570e-05	382.24	382.24	0.00	PERIOD	ALL	00043848
462546.19000	3773107.60000	8.5507260e-05	382.08	382.08	0.00	PERIOD	ALL	00043848
462549.82000	3773098.64000	8.6097270e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462553.46000	3773089.68000	8.6643510e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462557.09000	3773080.72000	8.7159740e-05	381.95	381.95	0.00	PERIOD	ALL	00043848
462560.73000	3773071.76000	8.7653510e-05	381.82	381.82	0.00	PERIOD	ALL	00043848
462564.36000	3773062.80000	8.8112320e-05	381.62	381.62	0.00	PERIOD	ALL	00043848
462568.00000	3773053.84000	8.8542890e-05	381.36	381.36	0.00	PERIOD	ALL	00043848
462571.63000	3773044.88000	8.8924300e-05	381.17	381.17	0.00	PERIOD	ALL	00043848
462575.26000	3773035.91000	8.9257660e-05	381.05	381.05	0.00	PERIOD	ALL	00043848
462578.90000	3773026.95000	8.9547470e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462582.53000	3773017.99000	8.9789570e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462586.17000	3773009.03000	8.9994790e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462589.80000	3773000.07000	9.0157770e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462593.44000	3772991.11000	9.0302850e-05	380.83	380.83	0.00	PERIOD	ALL	00043848
462597.07000	3772982.15000	9.0418410e-05	380.53	380.53	0.00	PERIOD	ALL	00043848
462600.71000	3772973.19000	9.0496820e-05	380.23	380.23	0.00	PERIOD	ALL	00043848
462604.34000	3772964.23000	9.0525560e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462622.51000	3772919.42000	9.0035130e-05	379.44	379.44	0.00	PERIOD	ALL	00043848
462626.15000	3772910.46000	8.9838100e-05	379.14	379.14	0.00	PERIOD	ALL	00043848
462629.78000	3772901.50000	8.9588150e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462633.42000	3772892.54000	8.9293530e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462694.20000	3772852.21000	9.7773620e-05	378.04	378.04	0.00	PERIOD	ALL	00043848
462703.12000	3772848.48000	9.9252670e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462712.04000	3772844.74000	1.0069950e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462720.96000	3772841.01000	1.0211250e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462729.88000	3772837.27000	1.0348110e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462738.80000	3772833.54000	1.0480290e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462747.72000	3772829.80000	1.0606690e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462756.64000	3772826.07000	1.0727170e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462765.56000	3772822.33000	1.0840620e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
462801.23000	3772807.39000	1.1217860e-04	377.70	377.70	0.00	PERIOD	ALL	00043848
462810.15000	3772803.66000	1.1291110e-04	377.58	377.58	0.00	PERIOD	ALL	00043848
462819.07000	3772799.92000	1.1355060e-04	377.45	377.45	0.00	PERIOD	ALL	00043848
462827.99000	3772796.19000	1.1410380e-04	377.24	377.24	0.00	PERIOD	ALL	00043848
462836.91000	3772792.45000	1.1456180e-04	377.09	377.09	0.00	PERIOD	ALL	00043848
462845.83000	3772788.72000	1.1493340e-04	377.01	377.01	0.00	PERIOD	ALL	00043848
462854.75000	3772784.98000	1.1521530e-04	376.95	376.95	0.00	PERIOD	ALL	00043848
462863.67000	3772781.25000	1.1541850e-04	376.83	376.83	0.00	PERIOD	ALL	00043848
462890.43000	3772770.05000	1.1558940e-04	376.46	376.46	0.00	PERIOD	ALL	00043848
462899.35000	3772766.31000	1.1552190e-04	376.33	376.33	0.00	PERIOD	ALL	00043848
462908.27000	3772762.58000	1.1540820e-04	376.21	376.21	0.00	PERIOD	ALL	00043848
462528.02000	3773152.40000	8.1993650e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462528.11000	3773162.36000	8.2161030e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462528.20000	3773172.31000	8.2286440e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462528.29000	3773182.27000	8.2328820e-05	383.20	383.20	0.00	PERIOD	ALL	00043848
462528.38000	3773192.22000	8.2299020e-05	383.53	383.53	0.00	PERIOD	ALL	00043848
462528.47000	3773202.18000	8.2222940e-05	383.86	383.86	0.00	PERIOD	ALL	00043848
462528.56000	3773212.13000	8.2130410e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462528.65000	3773222.09000	8.2043630e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462528.74000	3773232.04000	8.1915440e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462528.84000	3773242.00000	8.1663270e-05	384.19	384.19	0.00	PERIOD	ALL	00043848
462501.69000	3773143.61000	7.5857290e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462505.37000	3773134.55000	7.6472760e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462527.43000	3773080.16000	7.9821260e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462531.11000	3773071.09000	8.0254050e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462534.79000	3773062.03000	8.0656800e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462538.46000	3773052.96000	8.1042350e-05	381.89	381.89	0.00	PERIOD	ALL	00043848
462542.14000	3773043.90000	8.1419090e-05	381.59	381.59	0.00	PERIOD	ALL	00043848
462545.82000	3773034.83000	8.1763270e-05	381.28	381.28	0.00	PERIOD	ALL	00043848
462549.49000	3773025.77000	8.2069190e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462553.17000	3773016.70000	8.2313080e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462556.85000	3773007.64000	8.2524990e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462560.52000	3772998.57000	8.2701000e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462564.20000	3772989.51000	8.2872300e-05	380.77	380.77	0.00	PERIOD	ALL	00043848
462567.88000	3772980.44000	8.3016220e-05	380.47	380.47	0.00	PERIOD	ALL	00043848
462571.55000	3772971.37000	8.3124980e-05	380.17	380.17	0.00	PERIOD	ALL	00043848
462575.23000	3772962.31000	8.3191170e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462578.91000	3772953.24000	8.3208890e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462582.58000	3772944.18000	8.3193150e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462586.26000	3772935.11000	8.3150490e-05	379.96	379.96	0.00	PERIOD	ALL	00043848
462593.61000	3772916.98000	8.3013480e-05	379.35	379.35	0.00	PERIOD	ALL	00043848
462597.29000	3772907.92000	8.2897340e-05	379.05	379.05	0.00	PERIOD	ALL	00043848
462600.97000	3772898.85000	8.2729940e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462604.65000	3772889.79000	8.2528860e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462628.38000	3772849.75000	8.2797280e-05	378.11	378.11	0.00	PERIOD	ALL	00043848
462637.40000	3772845.97000	8.4138180e-05	378.00	378.00	0.00	PERIOD	ALL	00043848

462646.42000	3772842.19000	8.5473970e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462655.45000	3772838.41000	8.6807650e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462664.47000	3772834.64000	8.8132400e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462673.49000	3772830.86000	8.9442810e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462682.52000	3772827.08000	9.0737870e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462691.54000	3772823.30000	9.2008250e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462700.56000	3772819.52000	9.3251180e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462736.66000	3772804.41000	9.7866100e-05	377.60	377.60	0.00	PERIOD	ALL	00043848
462745.68000	3772800.63000	9.8899840e-05	377.48	377.48	0.00	PERIOD	ALL	00043848
462754.70000	3772796.85000	9.9877350e-05	377.35	377.35	0.00	PERIOD	ALL	00043848
462763.73000	3772793.07000	1.0079650e-04	377.22	377.22	0.00	PERIOD	ALL	00043848
462772.75000	3772789.29000	1.0164910e-04	377.10	377.10	0.00	PERIOD	ALL	00043848
462799.82000	3772777.96000	1.0379660e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
462808.84000	3772774.18000	1.0436770e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
462817.87000	3772770.40000	1.0486750e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
462826.89000	3772766.62000	1.0529670e-04	376.84	376.84	0.00	PERIOD	ALL	00043848
462835.91000	3772762.85000	1.0566040e-04	376.58	376.58	0.00	PERIOD	ALL	00043848
462844.94000	3772759.07000	1.0595640e-04	376.23	376.23	0.00	PERIOD	ALL	00043848
462853.96000	3772755.29000	1.0618120e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
462862.98000	3772751.51000	1.0634510e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
462890.05000	3772740.18000	1.0652200e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
462899.08000	3772736.40000	1.0649330e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
462908.10000	3772732.62000	1.0643000e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
462498.02000	3773152.68000	7.5194800e-05	383.15	383.15	0.00	PERIOD	ALL	00043848
462498.11000	3773162.63000	7.5286970e-05	383.39	383.39	0.00	PERIOD	ALL	00043848
462498.20000	3773172.59000	7.5343710e-05	383.63	383.63	0.00	PERIOD	ALL	00043848
462498.29000	3773182.54000	7.5386160e-05	383.77	383.77	0.00	PERIOD	ALL	00043848
462498.38000	3773192.50000	7.5402230e-05	383.87	383.87	0.00	PERIOD	ALL	00043848
462498.47000	3773202.45000	7.5378200e-05	383.96	383.96	0.00	PERIOD	ALL	00043848
462498.56000	3773212.41000	7.5330910e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462498.65000	3773222.36000	7.5264620e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462498.75000	3773232.32000	7.5166480e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462498.84000	3773242.27000	7.4951810e-05	384.20	384.20	0.00	PERIOD	ALL	00043848
462471.73000	3773143.80000	6.9926510e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462475.45000	3773134.64000	7.0473190e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462479.16000	3773125.48000	7.0999390e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462482.88000	3773116.32000	7.1507560e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462486.59000	3773107.16000	7.2047630e-05	382.69	382.69	0.00	PERIOD	ALL	00043848
462490.30000	3773098.01000	7.2563810e-05	382.39	382.39	0.00	PERIOD	ALL	00043848
462494.02000	3773088.85000	7.3054470e-05	382.08	382.08	0.00	PERIOD	ALL	00043848
462497.73000	3773079.69000	7.3484650e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462505.16000	3773061.38000	7.4250540e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462523.73000	3773015.59000	7.5826560e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462527.45000	3773006.43000	7.6039170e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462531.16000	3772997.27000	7.6222390e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462534.88000	3772988.11000	7.6408720e-05	380.73	380.73	0.00	PERIOD	ALL	00043848
462538.59000	3772978.96000	7.6569300e-05	380.42	380.42	0.00	PERIOD	ALL	00043848
462542.31000	3772969.80000	7.6702580e-05	380.12	380.12	0.00	PERIOD	ALL	00043848
462546.02000	3772960.64000	7.6789230e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462549.73000	3772951.48000	7.6837890e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462553.45000	3772942.33000	7.6862640e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462557.16000	3772933.17000	7.6868010e-05	379.89	379.89	0.00	PERIOD	ALL	00043848
462564.59000	3772914.85000	7.6832650e-05	379.28	379.28	0.00	PERIOD	ALL	00043848
462568.31000	3772905.70000	7.6773950e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462572.02000	3772896.54000	7.6665580e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462575.73000	3772887.38000	7.6530990e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462594.31000	3772841.59000	7.5538880e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462661.83000	3772805.71000	8.3428780e-05	377.65	377.65	0.00	PERIOD	ALL	00043848
462670.94000	3772801.90000	8.4558760e-05	377.52	377.52	0.00	PERIOD	ALL	00043848
462680.06000	3772798.08000	8.5667770e-05	377.39	377.39	0.00	PERIOD	ALL	00043848
462689.17000	3772794.26000	8.6749410e-05	377.26	377.26	0.00	PERIOD	ALL	00043848
462716.52000	3772782.81000	8.9803520e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462725.64000	3772779.00000	9.0744980e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462734.75000	3772775.18000	9.1638790e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462743.87000	3772771.36000	9.2487110e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462752.98000	3772767.55000	9.3285560e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462762.10000	3772763.73000	9.4030980e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462771.21000	3772759.91000	9.4719820e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462780.33000	3772756.09000	9.5354010e-05	376.99	376.99	0.00	PERIOD	ALL	00043848
462798.56000	3772748.46000	9.6456330e-05	376.74	376.74	0.00	PERIOD	ALL	00043848
462807.68000	3772744.64000	9.6920030e-05	376.61	376.61	0.00	PERIOD	ALL	00043848
462816.79000	3772740.83000	9.7327280e-05	376.48	376.48	0.00	PERIOD	ALL	00043848
462825.91000	3772737.01000	9.7679940e-05	376.28	376.28	0.00	PERIOD	ALL	00043848
462835.02000	3772733.19000	9.7974660e-05	376.11	376.11	0.00	PERIOD	ALL	00043848
462844.14000	3772729.38000	9.8217880e-05	376.02	376.02	0.00	PERIOD	ALL	00043848
462853.25000	3772725.56000	9.8407410e-05	375.97	375.97	0.00	PERIOD	ALL	00043848
462862.37000	3772721.74000	9.8553170e-05	375.85	375.85	0.00	PERIOD	ALL	00043848
462889.71000	3772710.29000	9.8763450e-05	375.47	375.47	0.00	PERIOD	ALL	00043848
462468.02000	3773152.95000	6.9325400e-05	383.22	383.22	0.00	PERIOD	ALL	00043848
462468.11000	3773162.91000	6.9381850e-05	383.55	383.55	0.00	PERIOD	ALL	00043848
462468.20000	3773172.86000	6.9407870e-05	383.88	383.88	0.00	PERIOD	ALL	00043848
462468.29000	3773182.82000	6.9434060e-05	384.00	384.00	0.00	PERIOD	ALL	00043848

462468.38000	3773192.77000	6.9467180e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462468.47000	3773202.73000	6.9471850e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462468.56000	3773212.68000	6.9394740e-05	384.15	384.15	0.00	PERIOD	ALL	00043848
462468.66000	3773222.64000	6.9261090e-05	384.38	384.38	0.00	PERIOD	ALL	00043848
462468.75000	3773232.59000	6.9098100e-05	384.61	384.61	0.00	PERIOD	ALL	00043848
462468.84000	3773242.55000	6.8936620e-05	384.76	384.76	0.00	PERIOD	ALL	00043848
462441.67000	3773144.23000	6.4739530e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462445.32000	3773135.23000	6.5214500e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462448.97000	3773126.24000	6.5675010e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462452.62000	3773117.24000	6.6119800e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462456.27000	3773108.24000	6.6592420e-05	382.73	382.73	0.00	PERIOD	ALL	00043848
462459.92000	3773099.25000	6.7052500e-05	382.43	382.43	0.00	PERIOD	ALL	00043848
462463.56000	3773090.25000	6.7488790e-05	382.13	382.13	0.00	PERIOD	ALL	00043848
462467.21000	3773081.25000	6.7882460e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462478.16000	3773054.26000	6.8903990e-05	381.93	381.93	0.00	PERIOD	ALL	00043848
462481.81000	3773045.26000	6.9235410e-05	381.63	381.63	0.00	PERIOD	ALL	00043848
462485.46000	3773036.27000	6.9544670e-05	381.33	381.33	0.00	PERIOD	ALL	00043848
462489.11000	3773027.27000	6.9832010e-05	381.03	381.03	0.00	PERIOD	ALL	00043848
462492.76000	3773018.27000	7.0068950e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462496.41000	3773009.27000	7.0281170e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462500.06000	3773000.28000	7.0471960e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462503.71000	3772991.28000	7.0658080e-05	380.83	380.83	0.00	PERIOD	ALL	00043848
462525.60000	3772937.30000	7.1296250e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462536.55000	3772910.31000	7.1330590e-05	379.51	379.51	0.00	PERIOD	ALL	00043848
462540.20000	3772901.31000	7.1306980e-05	379.26	379.26	0.00	PERIOD	ALL	00043848
462543.85000	3772892.31000	7.1254620e-05	379.10	379.10	0.00	PERIOD	ALL	00043848
462565.74000	3772838.33000	7.0482760e-05	378.34	378.34	0.00	PERIOD	ALL	00043848
462569.39000	3772829.33000	7.0286500e-05	378.15	378.15	0.00	PERIOD	ALL	00043848
462573.04000	3772820.34000	7.0066710e-05	378.03	378.03	0.00	PERIOD	ALL	00043848
462585.64000	3772807.59000	7.0834820e-05	377.94	377.94	0.00	PERIOD	ALL	00043848
462594.60000	3772803.84000	7.1856330e-05	377.79	377.79	0.00	PERIOD	ALL	00043848
462630.42000	3772788.84000	7.5919180e-05	377.08	377.08	0.00	PERIOD	ALL	00043848
462639.38000	3772785.09000	7.6914180e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462648.33000	3772781.34000	7.7893000e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462657.29000	3772777.59000	7.8858280e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462666.24000	3772773.84000	7.9803720e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462675.20000	3772770.09000	8.0729890e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462684.15000	3772766.34000	8.1630550e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462693.11000	3772762.59000	8.2506170e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462719.98000	3772751.34000	8.4950140e-05	376.83	376.83	0.00	PERIOD	ALL	00043848
462728.93000	3772747.59000	8.5695780e-05	376.71	376.71	0.00	PERIOD	ALL	00043848
462737.89000	3772743.84000	8.6404760e-05	376.58	376.58	0.00	PERIOD	ALL	00043848
462746.84000	3772740.09000	8.7071770e-05	376.46	376.46	0.00	PERIOD	ALL	00043848
462755.80000	3772736.34000	8.7698780e-05	376.33	376.33	0.00	PERIOD	ALL	00043848
462764.75000	3772732.59000	8.8280850e-05	376.21	376.21	0.00	PERIOD	ALL	00043848
462773.71000	3772728.84000	8.8819380e-05	376.08	376.08	0.00	PERIOD	ALL	00043848
462800.58000	3772717.59000	9.0156400e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462809.53000	3772713.84000	9.0511220e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462818.49000	3772710.09000	9.0823880e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462827.44000	3772706.34000	9.1096710e-05	375.83	375.83	0.00	PERIOD	ALL	00043848
462863.26000	3772691.34000	9.1823090e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462872.22000	3772687.59000	9.1928650e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462881.18000	3772683.84000	9.2010460e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462890.13000	3772680.09000	9.2071550e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462899.09000	3772676.34000	9.2117680e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462908.04000	3772672.59000	9.2151090e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462438.02000	3773153.23000	6.4212850e-05	383.23	383.23	0.00	PERIOD	ALL	00043848
462438.11000	3773163.18000	6.4255710e-05	383.56	383.56	0.00	PERIOD	ALL	00043848
462438.20000	3773173.14000	6.4273400e-05	383.89	383.89	0.00	PERIOD	ALL	00043848
462438.29000	3773183.09000	6.4296110e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462438.38000	3773193.05000	6.4325960e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462438.48000	3773203.00000	6.4334040e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462438.57000	3773212.96000	6.4244580e-05	384.22	384.22	0.00	PERIOD	ALL	00043848
462438.66000	3773222.91000	6.4094550e-05	384.55	384.55	0.00	PERIOD	ALL	00043848
462438.75000	3773232.87000	6.3923540e-05	384.88	384.88	0.00	PERIOD	ALL	00043848
462438.84000	3773242.82000	6.3797360e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462422.75000	3773117.18000	6.1433970e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462426.44000	3773108.09000	6.1863510e-05	382.73	382.73	0.00	PERIOD	ALL	00043848
462430.12000	3773099.01000	6.2283090e-05	382.42	382.42	0.00	PERIOD	ALL	00043848
462433.80000	3773089.93000	6.2682360e-05	382.12	382.12	0.00	PERIOD	ALL	00043848
462437.49000	3773080.85000	6.3042370e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462448.54000	3773053.61000	6.3986630e-05	381.91	381.91	0.00	PERIOD	ALL	00043848
462452.22000	3773044.53000	6.4295870e-05	381.61	381.61	0.00	PERIOD	ALL	00043848
462455.91000	3773035.44000	6.4588770e-05	381.30	381.30	0.00	PERIOD	ALL	00043848
462459.59000	3773026.36000	6.4861040e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462463.27000	3773017.28000	6.5084260e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462466.96000	3773008.20000	6.5290490e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462470.64000	3772999.12000	6.5476800e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462474.32000	3772990.04000	6.5654490e-05	380.90	380.90	0.00	PERIOD	ALL	00043848
462478.01000	3772980.96000	6.5825860e-05	380.69	380.69	0.00	PERIOD	ALL	00043848
462481.69000	3772971.87000	6.5984000e-05	380.40	380.40	0.00	PERIOD	ALL	00043848
462485.37000	3772962.79000	6.6121940e-05	380.13	380.13	0.00	PERIOD	ALL	00043848

462489.06000	3772953.71000	6.6228490e-05	380.01	380.01	0.00	PERIOD	ALL	00043848
462492.74000	3772944.63000	6.6304990e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462496.42000	3772935.55000	6.6362340e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462503.79000	3772917.39000	6.6423670e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462507.47000	3772908.30000	6.6425800e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462511.16000	3772899.22000	6.6434030e-05	379.76	379.76	0.00	PERIOD	ALL	00043848
462514.84000	3772890.14000	6.6427330e-05	379.46	379.46	0.00	PERIOD	ALL	00043848
462536.94000	3772835.65000	6.5931240e-05	378.64	378.64	0.00	PERIOD	ALL	00043848
462540.62000	3772826.57000	6.5796500e-05	378.34	378.34	0.00	PERIOD	ALL	00043848
462544.31000	3772817.49000	6.5645140e-05	378.04	378.04	0.00	PERIOD	ALL	00043848
462547.99000	3772808.41000	6.5459930e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462551.67000	3772799.33000	6.5255630e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462564.40000	3772786.46000	6.5937890e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462573.44000	3772782.68000	6.6849690e-05	377.88	377.88	0.00	PERIOD	ALL	00043848
462582.47000	3772778.89000	6.7763310e-05	377.68	377.68	0.00	PERIOD	ALL	00043848
462591.51000	3772775.11000	6.8681770e-05	377.38	377.38	0.00	PERIOD	ALL	00043848
462627.67000	3772759.96000	7.2260790e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462636.71000	3772756.18000	7.3128210e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462645.75000	3772752.39000	7.3984540e-05	376.87	376.87	0.00	PERIOD	ALL	00043848
462654.79000	3772748.61000	7.4825460e-05	376.74	376.74	0.00	PERIOD	ALL	00043848
462663.83000	3772744.82000	7.5645930e-05	376.62	376.62	0.00	PERIOD	ALL	00043848
462672.87000	3772741.04000	7.6447030e-05	376.49	376.49	0.00	PERIOD	ALL	00043848
462681.91000	3772737.25000	7.7223620e-05	376.36	376.36	0.00	PERIOD	ALL	00043848
462690.95000	3772733.47000	7.7975720e-05	376.24	376.24	0.00	PERIOD	ALL	00043848
462718.07000	3772722.11000	8.0052200e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462727.11000	3772718.33000	8.0680740e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462736.15000	3772714.54000	8.1273690e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462745.19000	3772710.76000	8.1833180e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462754.22000	3772706.97000	8.2353670e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462799.42000	3772688.05000	8.4419520e-05	375.72	375.72	0.00	PERIOD	ALL	00043848
462808.46000	3772684.26000	8.4724020e-05	375.60	375.60	0.00	PERIOD	ALL	00043848
462817.50000	3772680.48000	8.4996970e-05	375.47	375.47	0.00	PERIOD	ALL	00043848
462826.54000	3772676.69000	8.5237650e-05	375.27	375.27	0.00	PERIOD	ALL	00043848
462835.58000	3772672.91000	8.5449710e-05	375.10	375.10	0.00	PERIOD	ALL	00043848
462844.62000	3772669.12000	8.5630480e-05	375.02	375.02	0.00	PERIOD	ALL	00043848
462853.66000	3772665.34000	8.5787820e-05	374.97	374.97	0.00	PERIOD	ALL	00043848
462862.70000	3772661.55000	8.5921740e-05	374.84	374.84	0.00	PERIOD	ALL	00043848
462871.74000	3772657.77000	8.6038040e-05	374.71	374.71	0.00	PERIOD	ALL	00043848
462880.78000	3772653.98000	8.6136930e-05	374.59	374.59	0.00	PERIOD	ALL	00043848
462889.82000	3772650.20000	8.6225840e-05	374.46	374.46	0.00	PERIOD	ALL	00043848
462898.86000	3772646.41000	8.6304480e-05	374.34	374.34	0.00	PERIOD	ALL	00043848
462907.90000	3772642.63000	8.6379800e-05	374.21	374.21	0.00	PERIOD	ALL	00043848
462381.74000	3773144.62000	5.6167110e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462385.45000	3773135.46000	5.6552000e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462389.17000	3773126.30000	5.6927490e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462392.88000	3773117.15000	5.7290730e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462396.59000	3773107.99000	5.7677930e-05	382.75	382.75	0.00	PERIOD	ALL	00043848
462400.31000	3773098.83000	5.8065270e-05	382.42	382.42	0.00	PERIOD	ALL	00043848
462404.02000	3773089.67000	5.8432470e-05	382.11	382.11	0.00	PERIOD	ALL	00043848
462407.74000	3773080.51000	5.8761330e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462422.59000	3773043.88000	5.9915070e-05	381.68	381.68	0.00	PERIOD	ALL	00043848
462426.31000	3773034.73000	6.0192070e-05	381.36	381.36	0.00	PERIOD	ALL	00043848
462430.02000	3773025.57000	6.0456020e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462433.74000	3773016.41000	6.0669660e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462437.45000	3773007.25000	6.0866150e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462441.17000	3772998.09000	6.1048190e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462444.88000	3772988.94000	6.1213250e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462448.59000	3772979.78000	6.1361790e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462452.31000	3772970.62000	6.1495680e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462456.02000	3772961.46000	6.1628490e-05	380.84	380.84	0.00	PERIOD	ALL	00043848
462459.74000	3772952.31000	6.1761330e-05	380.53	380.53	0.00	PERIOD	ALL	00043848
462463.45000	3772943.15000	6.1878210e-05	380.20	380.20	0.00	PERIOD	ALL	00043848
462467.17000	3772933.99000	6.1967550e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462474.60000	3772915.68000	6.2061490e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462478.31000	3772906.52000	6.2084150e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462482.02000	3772897.36000	6.2117680e-05	379.70	379.70	0.00	PERIOD	ALL	00043848
462485.74000	3772888.20000	6.2136470e-05	379.40	379.40	0.00	PERIOD	ALL	00043848
462508.02000	3772833.26000	6.1840530e-05	378.56	378.56	0.00	PERIOD	ALL	00043848
462511.74000	3772824.10000	6.1748590e-05	378.26	378.26	0.00	PERIOD	ALL	00043848
462515.45000	3772814.94000	6.1636850e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462519.17000	3772805.78000	6.1496900e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462522.88000	3772796.63000	6.1341660e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462526.60000	3772787.47000	6.1172430e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462530.31000	3772778.31000	6.1001700e-05	377.73	377.73	0.00	PERIOD	ALL	00043848
462543.14000	3772765.34000	6.1634830e-05	377.30	377.30	0.00	PERIOD	ALL	00043848
462552.26000	3772761.52000	6.2453470e-05	377.17	377.17	0.00	PERIOD	ALL	00043848
462561.37000	3772757.70000	6.3270700e-05	377.05	377.05	0.00	PERIOD	ALL	00043848
462570.49000	3772753.88000	6.4085460e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462579.60000	3772750.07000	6.4895280e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462588.72000	3772746.25000	6.5701450e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462597.83000	3772742.43000	6.6500460e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462634.29000	3772727.17000	6.9636390e-05	376.20	376.20	0.00	PERIOD	ALL	00043848

462643.41000	3772723.35000	7.0385430e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462652.53000	3772719.53000	7.1112280e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462661.64000	3772715.72000	7.1820240e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462670.76000	3772711.90000	7.2507970e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462679.87000	3772708.08000	7.3172240e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462725.45000	3772689.00000	7.6123770e-05	375.76	375.76	0.00	PERIOD	ALL	00043848
462734.56000	3772685.18000	7.6629820e-05	375.63	375.63	0.00	PERIOD	ALL	00043848
462743.68000	3772681.36000	7.7107240e-05	375.50	375.50	0.00	PERIOD	ALL	00043848
462752.79000	3772677.55000	7.7554750e-05	375.37	375.37	0.00	PERIOD	ALL	00043848
462761.91000	3772673.73000	7.7971160e-05	375.25	375.25	0.00	PERIOD	ALL	00043848
462771.03000	3772669.91000	7.8357000e-05	375.12	375.12	0.00	PERIOD	ALL	00043848
462780.14000	3772666.10000	7.8712440e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462789.26000	3772662.28000	7.9036200e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462798.37000	3772658.46000	7.9330430e-05	374.92	374.92	0.00	PERIOD	ALL	00043848
462807.49000	3772654.64000	7.9597580e-05	374.77	374.77	0.00	PERIOD	ALL	00043848
462816.60000	3772650.83000	7.9837960e-05	374.54	374.54	0.00	PERIOD	ALL	00043848
462825.72000	3772647.01000	8.0053370e-05	374.36	374.36	0.00	PERIOD	ALL	00043848
462834.83000	3772643.19000	8.0245810e-05	374.23	374.23	0.00	PERIOD	ALL	00043848
462843.95000	3772639.38000	8.0420790e-05	374.10	374.10	0.00	PERIOD	ALL	00043848
462853.06000	3772635.56000	8.0575920e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462862.18000	3772631.74000	8.0717160e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462871.30000	3772627.93000	8.0847370e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462880.41000	3772624.11000	8.0965280e-05	373.99	373.99	0.00	PERIOD	ALL	00043848
462889.53000	3772620.29000	8.1077840e-05	373.82	373.82	0.00	PERIOD	ALL	00043848
462898.64000	3772616.48000	8.1186040e-05	373.58	373.58	0.00	PERIOD	ALL	00043848
462907.76000	3772612.66000	8.1291550e-05	373.26	373.26	0.00	PERIOD	ALL	00043848
462378.02000	3773153.78000	5.5734840e-05	383.25	383.25	0.00	PERIOD	ALL	00043848
462378.11000	3773163.73000	5.5758700e-05	383.58	383.58	0.00	PERIOD	ALL	00043848
462378.20000	3773173.69000	5.5764040e-05	383.91	383.91	0.00	PERIOD	ALL	00043848
462378.30000	3773183.64000	5.5783620e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462378.39000	3773193.60000	5.5808280e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462378.48000	3773203.55000	5.5816290e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462378.57000	3773213.51000	5.5739670e-05	384.24	384.24	0.00	PERIOD	ALL	00043848
462378.66000	3773223.46000	5.5620460e-05	384.57	384.57	0.00	PERIOD	ALL	00043848
462378.75000	3773233.42000	5.5486790e-05	384.90	384.90	0.00	PERIOD	ALL	00043848
462378.84000	3773243.37000	5.5400430e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462351.68000	3773145.03000	5.2573370e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462355.34000	3773136.01000	5.2915550e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462359.00000	3773126.98000	5.3248870e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462362.66000	3773117.96000	5.3573200e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462366.32000	3773108.94000	5.3888000e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462369.98000	3773099.92000	5.4194220e-05	382.99	382.99	0.00	PERIOD	ALL	00043848
462373.64000	3773090.90000	5.4502550e-05	382.89	382.89	0.00	PERIOD	ALL	00043848
462377.30000	3773081.87000	5.4821970e-05	382.63	382.63	0.00	PERIOD	ALL	00043848
462380.96000	3773072.85000	5.5134420e-05	382.34	382.34	0.00	PERIOD	ALL	00043848
462388.28000	3773054.81000	5.5688010e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462391.94000	3773045.79000	5.5926520e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462395.59000	3773036.76000	5.6151290e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462399.25000	3773027.74000	5.6364840e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462402.91000	3773018.72000	5.6603160e-05	381.66	381.66	0.00	PERIOD	ALL	00043848
462424.87000	3772964.59000	5.7612510e-05	380.94	380.94	0.00	PERIOD	ALL	00043848
462428.53000	3772955.57000	5.7751380e-05	380.64	380.64	0.00	PERIOD	ALL	00043848
462432.19000	3772946.54000	5.7876320e-05	380.34	380.34	0.00	PERIOD	ALL	00043848
462435.85000	3772937.52000	5.7987990e-05	380.04	380.04	0.00	PERIOD	ALL	00043848
462446.83000	3772910.46000	5.8165930e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462450.48000	3772901.43000	5.8210470e-05	379.84	379.84	0.00	PERIOD	ALL	00043848
462454.14000	3772892.41000	5.8254780e-05	379.54	379.54	0.00	PERIOD	ALL	00043848
462457.80000	3772883.39000	5.8286520e-05	379.24	379.24	0.00	PERIOD	ALL	00043848
462479.76000	3772829.26000	5.8123590e-05	378.43	378.43	0.00	PERIOD	ALL	00043848
462483.42000	3772820.23000	5.8062000e-05	378.13	378.13	0.00	PERIOD	ALL	00043848
462487.08000	3772811.21000	5.7977890e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462490.74000	3772802.19000	5.7874390e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462494.40000	3772793.17000	5.7758760e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462498.06000	3772784.15000	5.7632020e-05	377.98	377.98	0.00	PERIOD	ALL	00043848
462501.71000	3772775.12000	5.7497440e-05	377.85	377.85	0.00	PERIOD	ALL	00043848
462505.37000	3772766.10000	5.7355970e-05	377.65	377.65	0.00	PERIOD	ALL	00043848
462509.03000	3772757.08000	5.7206360e-05	377.37	377.37	0.00	PERIOD	ALL	00043848
462521.67000	3772744.30000	5.7763360e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462530.65000	3772740.54000	5.8480180e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462539.63000	3772736.78000	5.9197690e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462548.61000	3772733.02000	5.9914740e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462557.59000	3772729.26000	6.0630220e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462566.57000	3772725.50000	6.1344060e-05	376.97	376.97	0.00	PERIOD	ALL	00043848
462575.56000	3772721.74000	6.2058450e-05	376.85	376.85	0.00	PERIOD	ALL	00043848
462584.54000	3772717.98000	6.2766730e-05	376.72	376.72	0.00	PERIOD	ALL	00043848
462593.52000	3772714.21000	6.3466680e-05	376.60	376.60	0.00	PERIOD	ALL	00043848
462656.38000	3772687.89000	6.8047070e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462665.36000	3772684.13000	6.8636630e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462674.34000	3772680.37000	6.9209310e-05	375.92	375.92	0.00	PERIOD	ALL	00043848
462683.32000	3772676.61000	6.9764730e-05	375.70	375.70	0.00	PERIOD	ALL	00043848
462692.30000	3772672.85000	7.0299650e-05	375.41	375.41	0.00	PERIOD	ALL	00043848
462701.28000	3772669.09000	7.0812670e-05	375.09	375.09	0.00	PERIOD	ALL	00043848

462710.26000	3772665.33000	7.1299320e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462719.24000	3772661.57000	7.1762000e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462728.22000	3772657.81000	7.2200730e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462737.20000	3772654.05000	7.2615140e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462746.18000	3772650.29000	7.3004990e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462755.16000	3772646.53000	7.3370240e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462764.14000	3772642.77000	7.3710930e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462773.12000	3772639.01000	7.4027400e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462782.10000	3772635.25000	7.4320840e-05	374.96	374.96	0.00	PERIOD	ALL	00043848
462791.08000	3772631.49000	7.4593370e-05	374.80	374.80	0.00	PERIOD	ALL	00043848
462800.06000	3772627.73000	7.4843990e-05	374.47	374.47	0.00	PERIOD	ALL	00043848
462809.05000	3772623.97000	7.5074200e-05	374.21	374.21	0.00	PERIOD	ALL	00043848
462818.03000	3772620.21000	7.5284660e-05	374.02	374.02	0.00	PERIOD	ALL	00043848
462827.01000	3772616.45000	7.5477640e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462835.99000	3772612.68000	7.5653410e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462844.97000	3772608.92000	7.5817010e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462853.95000	3772605.16000	7.5969240e-05	373.96	373.96	0.00	PERIOD	ALL	00043848
462862.93000	3772601.40000	7.6113040e-05	373.84	373.84	0.00	PERIOD	ALL	00043848
462871.91000	3772597.64000	7.6249480e-05	373.71	373.71	0.00	PERIOD	ALL	00043848
462880.89000	3772593.88000	7.6381140e-05	373.56	373.56	0.00	PERIOD	ALL	00043848
462889.87000	3772590.12000	7.6511020e-05	373.30	373.30	0.00	PERIOD	ALL	00043848
462898.85000	3772586.36000	7.6640160e-05	373.12	373.12	0.00	PERIOD	ALL	00043848
462907.83000	3772582.60000	7.6771150e-05	373.01	373.01	0.00	PERIOD	ALL	00043848
462348.02000	3773154.05000	5.2187590e-05	383.26	383.26	0.00	PERIOD	ALL	00043848
462348.11000	3773164.01000	5.2204740e-05	383.59	383.59	0.00	PERIOD	ALL	00043848
462348.21000	3773173.96000	5.2206420e-05	383.92	383.92	0.00	PERIOD	ALL	00043848
462348.30000	3773183.92000	5.2223700e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462348.39000	3773193.87000	5.2245970e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462348.48000	3773203.83000	5.2254240e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462348.57000	3773213.78000	5.2182130e-05	384.25	384.25	0.00	PERIOD	ALL	00043848
462348.66000	3773223.74000	5.2074480e-05	384.58	384.58	0.00	PERIOD	ALL	00043848
462348.75000	3773233.69000	5.1954710e-05	384.91	384.91	0.00	PERIOD	ALL	00043848
462348.84000	3773243.65000	5.1882760e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462325.40000	3773136.14000	4.9634370e-05	383.31	383.31	0.00	PERIOD	ALL	00043848
462329.09000	3773127.05000	4.9962800e-05	383.13	383.13	0.00	PERIOD	ALL	00043848
462332.78000	3773117.95000	5.0274990e-05	383.01	383.01	0.00	PERIOD	ALL	00043848
462336.47000	3773108.86000	5.0564510e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462340.15000	3773099.77000	5.0843190e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462343.84000	3773090.68000	5.1114000e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462347.53000	3773081.58000	5.1396510e-05	382.84	382.84	0.00	PERIOD	ALL	00043848
462351.22000	3773072.49000	5.1687620e-05	382.54	382.54	0.00	PERIOD	ALL	00043848
462358.59000	3773054.30000	5.2227020e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462362.28000	3773045.21000	5.2449590e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462365.97000	3773036.12000	5.2661590e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462369.66000	3773027.03000	5.2862870e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462373.34000	3773017.93000	5.3081680e-05	381.72	381.72	0.00	PERIOD	ALL	00043848
462377.03000	3773008.84000	5.3290540e-05	381.42	381.42	0.00	PERIOD	ALL	00043848
462380.72000	3772999.75000	5.3489480e-05	381.11	381.11	0.00	PERIOD	ALL	00043848
462384.41000	3772990.65000	5.3657130e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462388.10000	3772981.56000	5.3803070e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462391.78000	3772972.47000	5.3936340e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462395.47000	3772963.38000	5.4068820e-05	380.90	380.90	0.00	PERIOD	ALL	00043848
462399.16000	3772954.28000	5.4207520e-05	380.60	380.60	0.00	PERIOD	ALL	00043848
462402.85000	3772945.19000	5.4335000e-05	380.30	380.30	0.00	PERIOD	ALL	00043848
462413.91000	3772917.91000	5.4592070e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462417.60000	3772908.82000	5.4646520e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462421.29000	3772899.73000	5.4708140e-05	379.78	379.78	0.00	PERIOD	ALL	00043848
462424.98000	3772890.63000	5.4763880e-05	379.48	379.48	0.00	PERIOD	ALL	00043848
462447.10000	3772836.08000	5.4775560e-05	378.80	378.80	0.00	PERIOD	ALL	00043848
462450.79000	3772826.99000	5.4747230e-05	378.55	378.55	0.00	PERIOD	ALL	00043848
462454.48000	3772817.89000	5.4712520e-05	378.22	378.22	0.00	PERIOD	ALL	00043848
462458.17000	3772808.80000	5.4657700e-05	378.04	378.04	0.00	PERIOD	ALL	00043848
462461.86000	3772799.71000	5.4584240e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462465.54000	3772790.61000	5.4496280e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462469.23000	3772781.52000	5.4399490e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462472.92000	3772772.43000	5.4291870e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462476.61000	3772763.34000	5.4173780e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462480.30000	3772754.24000	5.4048630e-05	377.93	377.93	0.00	PERIOD	ALL	00043848
462483.98000	3772745.15000	5.3924840e-05	377.63	377.63	0.00	PERIOD	ALL	00043848
462487.67000	3772736.06000	5.3791630e-05	377.32	377.32	0.00	PERIOD	ALL	00043848
462500.41000	3772723.17000	5.4295790e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462509.46000	3772719.38000	5.4945780e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462518.51000	3772715.60000	5.5597360e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462527.56000	3772711.81000	5.6253510e-05	376.87	376.87	0.00	PERIOD	ALL	00043848
462536.61000	3772708.02000	5.6912560e-05	376.65	376.65	0.00	PERIOD	ALL	00043848
462545.67000	3772704.23000	5.7573480e-05	376.36	376.36	0.00	PERIOD	ALL	00043848
462554.72000	3772700.44000	5.8226660e-05	376.14	376.14	0.00	PERIOD	ALL	00043848
462563.77000	3772696.65000	5.8870910e-05	376.01	376.01	0.00	PERIOD	ALL	00043848
462572.82000	3772692.86000	5.9505610e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462581.87000	3772689.07000	6.0133060e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462590.92000	3772685.28000	6.0752460e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462627.12000	3772670.12000	6.3125910e-05	376.00	376.00	0.00	PERIOD	ALL	00043848

462636.17000	3772666.33000	6.3687740e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462645.22000	3772662.54000	6.4238720e-05	375.87	375.87	0.00	PERIOD	ALL	00043848
462654.27000	3772658.75000	6.4773470e-05	375.75	375.75	0.00	PERIOD	ALL	00043848
462663.33000	3772654.96000	6.5292770e-05	375.62	375.62	0.00	PERIOD	ALL	00043848
462672.38000	3772651.17000	6.5794790e-05	375.45	375.45	0.00	PERIOD	ALL	00043848
462681.43000	3772647.38000	6.6280260e-05	375.22	375.22	0.00	PERIOD	ALL	00043848
462690.48000	3772643.59000	6.6744910e-05	375.07	375.07	0.00	PERIOD	ALL	00043848
462699.53000	3772639.80000	6.7188440e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462708.58000	3772636.01000	6.7611000e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462717.63000	3772632.22000	6.8014440e-05	374.92	374.92	0.00	PERIOD	ALL	00043848
462726.68000	3772628.43000	6.8397710e-05	374.76	374.76	0.00	PERIOD	ALL	00043848
462735.73000	3772624.64000	6.8759850e-05	374.61	374.61	0.00	PERIOD	ALL	00043848
462744.78000	3772620.85000	6.9101150e-05	374.48	374.48	0.00	PERIOD	ALL	00043848
462753.83000	3772617.06000	6.9421990e-05	374.36	374.36	0.00	PERIOD	ALL	00043848
462762.88000	3772613.27000	6.9722960e-05	374.23	374.23	0.00	PERIOD	ALL	00043848
462771.93000	3772609.48000	7.0004210e-05	374.10	374.10	0.00	PERIOD	ALL	00043848
462780.99000	3772605.69000	7.0267390e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462790.04000	3772601.90000	7.0511130e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462799.09000	3772598.11000	7.0737730e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462808.14000	3772594.32000	7.0948260e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462817.19000	3772590.53000	7.1144150e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462826.24000	3772586.74000	7.1328930e-05	373.86	373.86	0.00	PERIOD	ALL	00043848
462835.29000	3772582.95000	7.1502330e-05	373.59	373.59	0.00	PERIOD	ALL	00043848
462844.34000	3772579.16000	7.1665550e-05	373.25	373.25	0.00	PERIOD	ALL	00043848
462853.39000	3772575.37000	7.1819280e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462862.44000	3772571.58000	7.1970700e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462871.49000	3772567.79000	7.2118380e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462880.54000	3772564.00000	7.2264010e-05	372.99	372.99	0.00	PERIOD	ALL	00043848
462889.59000	3772560.21000	7.2407180e-05	372.82	372.82	0.00	PERIOD	ALL	00043848
462898.65000	3772556.42000	7.2552270e-05	372.58	372.58	0.00	PERIOD	ALL	00043848
462907.70000	3772552.63000	7.2699980e-05	372.26	372.26	0.00	PERIOD	ALL	00043848
462281.72000	3773145.57000	4.5444940e-05	383.97	383.97	0.00	PERIOD	ALL	00043848
462285.42000	3773136.46000	4.5763180e-05	383.67	383.67	0.00	PERIOD	ALL	00043848
462289.12000	3773127.34000	4.6070810e-05	383.37	383.37	0.00	PERIOD	ALL	00043848
462292.82000	3773118.22000	4.6372390e-05	383.06	383.06	0.00	PERIOD	ALL	00043848
462296.52000	3773109.11000	4.6635780e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462300.21000	3773099.99000	4.6883750e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462303.91000	3773090.87000	4.7125370e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462322.40000	3773045.29000	4.8334080e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462326.10000	3773036.17000	4.8527880e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462329.80000	3773027.05000	4.8712910e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462333.49000	3773017.93000	4.8916050e-05	381.72	381.72	0.00	PERIOD	ALL	00043848
462337.19000	3773008.82000	4.9111500e-05	381.42	381.42	0.00	PERIOD	ALL	00043848
462340.89000	3772999.70000	4.9298750e-05	381.11	381.11	0.00	PERIOD	ALL	00043848
462344.59000	3772990.58000	4.9457840e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462348.29000	3772981.47000	4.9597840e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462351.98000	3772972.35000	4.9727060e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462355.68000	3772963.23000	4.9856880e-05	380.90	380.90	0.00	PERIOD	ALL	00043848
462359.38000	3772954.12000	4.9995660e-05	380.59	380.59	0.00	PERIOD	ALL	00043848
462363.08000	3772945.00000	5.0123670e-05	380.29	380.29	0.00	PERIOD	ALL	00043848
462366.77000	3772935.88000	5.0239640e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462374.17000	3772917.65000	5.0396150e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462377.87000	3772908.53000	5.0459880e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462381.57000	3772899.41000	5.0532750e-05	379.77	379.77	0.00	PERIOD	ALL	00043848
462385.26000	3772890.30000	5.0600220e-05	379.47	379.47	0.00	PERIOD	ALL	00043848
462388.96000	3772881.18000	5.0659740e-05	379.16	379.16	0.00	PERIOD	ALL	00043848
462411.15000	3772826.48000	5.0693720e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462414.85000	3772817.36000	5.0665720e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462418.54000	3772808.24000	5.0646220e-05	378.73	378.73	0.00	PERIOD	ALL	00043848
462422.24000	3772799.13000	5.0619860e-05	378.43	378.43	0.00	PERIOD	ALL	00043848
462425.94000	3772790.01000	5.0584370e-05	378.12	378.12	0.00	PERIOD	ALL	00043848
462429.64000	3772780.89000	5.0528190e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462433.34000	3772771.78000	5.0456860e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462437.03000	3772762.66000	5.0375430e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462440.73000	3772753.54000	5.0290980e-05	377.91	377.91	0.00	PERIOD	ALL	00043848
462444.43000	3772744.42000	5.0208770e-05	377.60	377.60	0.00	PERIOD	ALL	00043848
462448.13000	3772735.31000	5.0117550e-05	377.30	377.30	0.00	PERIOD	ALL	00043848
462451.82000	3772726.19000	5.0015480e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462455.52000	3772717.07000	4.9892610e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462459.22000	3772707.96000	4.9761600e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462471.99000	3772695.04000	5.0192100e-05	376.96	376.96	0.00	PERIOD	ALL	00043848
462481.07000	3772691.24000	5.0768640e-05	376.83	376.83	0.00	PERIOD	ALL	00043848
462490.14000	3772687.44000	5.1345340e-05	376.70	376.70	0.00	PERIOD	ALL	00043848
462499.22000	3772683.64000	5.1922580e-05	376.58	376.58	0.00	PERIOD	ALL	00043848
462508.29000	3772679.84000	5.2498930e-05	376.45	376.45	0.00	PERIOD	ALL	00043848
462517.37000	3772676.04000	5.3074710e-05	376.32	376.32	0.00	PERIOD	ALL	00043848
462526.44000	3772672.24000	5.3648780e-05	376.15	376.15	0.00	PERIOD	ALL	00043848
462535.52000	3772668.44000	5.4217660e-05	376.03	376.03	0.00	PERIOD	ALL	00043848
462544.59000	3772664.64000	5.4779560e-05	375.95	375.95	0.00	PERIOD	ALL	00043848
462553.67000	3772660.84000	5.5338340e-05	375.82	375.82	0.00	PERIOD	ALL	00043848
462562.74000	3772657.04000	5.5889810e-05	375.69	375.69	0.00	PERIOD	ALL	00043848
462571.82000	3772653.24000	5.6435190e-05	375.56	375.56	0.00	PERIOD	ALL	00043848

462580.89000	3772649.44000	5.6971640e-05	375.44	375.44	0.00	PERIOD	ALL	00043848
462589.97000	3772645.64000	5.7500690e-05	375.31	375.31	0.00	PERIOD	ALL	00043848
462599.04000	3772641.84000	5.8019300e-05	375.18	375.18	0.00	PERIOD	ALL	00043848
462626.27000	3772630.44000	5.9506660e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462635.34000	3772626.64000	5.9976560e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462644.42000	3772622.84000	6.0433980e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462653.49000	3772619.04000	6.0876700e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462662.57000	3772615.24000	6.1305850e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462671.64000	3772611.44000	6.1719150e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462680.72000	3772607.64000	6.2117800e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462689.79000	3772603.84000	6.2501700e-05	374.92	374.92	0.00	PERIOD	ALL	00043848
462698.87000	3772600.04000	6.2871080e-05	374.79	374.79	0.00	PERIOD	ALL	00043848
462707.94000	3772596.24000	6.3224940e-05	374.48	374.48	0.00	PERIOD	ALL	00043848
462717.02000	3772592.44000	6.3562120e-05	374.23	374.23	0.00	PERIOD	ALL	00043848
462726.09000	3772588.64000	6.3881660e-05	374.05	374.05	0.00	PERIOD	ALL	00043848
462735.17000	3772584.84000	6.4184610e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462744.24000	3772581.04000	6.4470270e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462753.32000	3772577.24000	6.4740880e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462762.39000	3772573.44000	6.4996640e-05	373.90	373.90	0.00	PERIOD	ALL	00043848
462771.46000	3772569.64000	6.5237480e-05	373.78	373.78	0.00	PERIOD	ALL	00043848
462780.54000	3772565.84000	6.5464900e-05	373.65	373.65	0.00	PERIOD	ALL	00043848
462789.61000	3772562.04000	6.5678690e-05	373.52	373.52	0.00	PERIOD	ALL	00043848
462798.69000	3772558.24000	6.5881370e-05	373.40	373.40	0.00	PERIOD	ALL	00043848
462807.76000	3772554.44000	6.6072750e-05	373.27	373.27	0.00	PERIOD	ALL	00043848
462816.84000	3772550.64000	6.6255080e-05	373.14	373.14	0.00	PERIOD	ALL	00043848
462825.91000	3772546.84000	6.6427880e-05	373.01	373.01	0.00	PERIOD	ALL	00043848
462834.99000	3772543.04000	6.6595680e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462844.06000	3772539.24000	6.6757640e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462853.14000	3772535.44000	6.6916240e-05	372.96	372.96	0.00	PERIOD	ALL	00043848
462862.21000	3772531.64000	6.7071010e-05	372.79	372.79	0.00	PERIOD	ALL	00043848
462871.29000	3772527.84000	6.7225640e-05	372.56	372.56	0.00	PERIOD	ALL	00043848
462880.36000	3772524.04000	6.7380600e-05	372.25	372.25	0.00	PERIOD	ALL	00043848
462889.44000	3772520.24000	6.7540440e-05	372.09	372.09	0.00	PERIOD	ALL	00043848
462898.51000	3772516.44000	6.7705460e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462907.59000	3772512.64000	6.7879350e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462278.03000	3773154.69000	4.5159500e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462278.12000	3773164.65000	4.5207040e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462278.21000	3773174.60000	4.5244720e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462278.30000	3773184.56000	4.5212710e-05	384.27	384.27	0.00	PERIOD	ALL	00043848
462278.39000	3773194.51000	4.5154580e-05	384.61	384.61	0.00	PERIOD	ALL	00043848
462278.48000	3773204.47000	4.5089880e-05	384.94	384.94	0.00	PERIOD	ALL	00043848
462278.57000	3773214.42000	4.5073370e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462278.66000	3773224.38000	4.5059790e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462278.75000	3773234.33000	4.5036560e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462278.85000	3773244.29000	4.4945990e-05	385.27	385.27	0.00	PERIOD	ALL	00043848
462241.73000	3773145.92000	4.2128970e-05	383.99	383.99	0.00	PERIOD	ALL	00043848
462245.44000	3773136.78000	4.2416300e-05	383.68	383.68	0.00	PERIOD	ALL	00043848
462249.15000	3773127.64000	4.2691770e-05	383.38	383.38	0.00	PERIOD	ALL	00043848
462252.85000	3773118.50000	4.2961670e-05	383.07	383.07	0.00	PERIOD	ALL	00043848
462256.56000	3773109.36000	4.3198350e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462260.27000	3773100.22000	4.3421250e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462263.97000	3773091.09000	4.3637340e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462267.68000	3773081.95000	4.3865200e-05	382.85	382.85	0.00	PERIOD	ALL	00043848
462271.39000	3773072.81000	4.4103470e-05	382.55	382.55	0.00	PERIOD	ALL	00043848
462275.09000	3773063.67000	4.4334560e-05	382.24	382.24	0.00	PERIOD	ALL	00043848
462278.80000	3773054.53000	4.4550410e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462282.51000	3773045.39000	4.4735020e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462286.21000	3773036.26000	4.4911900e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462289.92000	3773027.12000	4.5082110e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462293.63000	3773017.98000	4.5271510e-05	381.72	381.72	0.00	PERIOD	ALL	00043848
462297.33000	3773008.84000	4.5452920e-05	381.42	381.42	0.00	PERIOD	ALL	00043848
462301.04000	3772999.70000	4.5628830e-05	381.11	381.11	0.00	PERIOD	ALL	00043848
462304.75000	3772990.56000	4.5778980e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462323.28000	3772944.87000	4.6423510e-05	380.28	380.28	0.00	PERIOD	ALL	00043848
462326.99000	3772935.73000	4.6539720e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462334.40000	3772917.45000	4.6701680e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462338.11000	3772908.32000	4.6771380e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462341.81000	3772899.18000	4.6833410e-05	379.98	379.98	0.00	PERIOD	ALL	00043848
462345.52000	3772890.04000	4.6893820e-05	379.89	379.89	0.00	PERIOD	ALL	00043848
462349.22000	3772880.90000	4.6950660e-05	379.73	379.73	0.00	PERIOD	ALL	00043848
462371.46000	3772826.07000	4.7114180e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462375.17000	3772816.93000	4.7105850e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462378.88000	3772807.79000	4.7108220e-05	378.72	378.72	0.00	PERIOD	ALL	00043848
462382.58000	3772798.65000	4.7103010e-05	378.41	378.41	0.00	PERIOD	ALL	00043848
462386.29000	3772789.52000	4.7090390e-05	378.11	378.11	0.00	PERIOD	ALL	00043848
462390.00000	3772780.38000	4.7058630e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462393.70000	3772771.24000	4.7012540e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462397.41000	3772762.10000	4.6959930e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462401.12000	3772752.96000	4.6905570e-05	377.89	377.89	0.00	PERIOD	ALL	00043848
462404.82000	3772743.82000	4.6852580e-05	377.58	377.58	0.00	PERIOD	ALL	00043848
462408.53000	3772734.68000	4.6792160e-05	377.28	377.28	0.00	PERIOD	ALL	00043848
462412.24000	3772725.55000	4.6723150e-05	377.00	377.00	0.00	PERIOD	ALL	00043848

462415.94000	3772716.41000	4.6633840e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462419.65000	3772707.27000	4.6538070e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462423.36000	3772698.13000	4.6435220e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462427.06000	3772688.99000	4.6334270e-05	376.76	376.76	0.00	PERIOD	ALL	00043848
462430.77000	3772679.85000	4.6230310e-05	376.45	376.45	0.00	PERIOD	ALL	00043848
462443.57000	3772666.91000	4.6626630e-05	376.02	376.02	0.00	PERIOD	ALL	00043848
462452.67000	3772663.10000	4.7132230e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462461.76000	3772659.29000	4.7637280e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462470.86000	3772655.48000	4.8143210e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462479.96000	3772651.67000	4.8648690e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462489.05000	3772647.86000	4.9152440e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462498.15000	3772644.05000	4.9655090e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462507.25000	3772640.24000	5.0155370e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462516.34000	3772636.43000	5.0651550e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462525.44000	3772632.63000	5.1154130e-05	375.71	375.71	0.00	PERIOD	ALL	00043848
462534.53000	3772628.82000	5.1650800e-05	375.38	375.38	0.00	PERIOD	ALL	00043848
462543.63000	3772625.01000	5.2140970e-05	375.12	375.12	0.00	PERIOD	ALL	00043848
462552.73000	3772621.20000	5.2621360e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462561.82000	3772617.39000	5.3091990e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462570.92000	3772613.58000	5.3555960e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462580.02000	3772609.77000	5.4012050e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462589.11000	3772605.96000	5.4458920e-05	374.99	374.99	0.00	PERIOD	ALL	00043848
462598.21000	3772602.15000	5.4899620e-05	374.86	374.86	0.00	PERIOD	ALL	00043848
462625.50000	3772590.73000	5.6158790e-05	374.48	374.48	0.00	PERIOD	ALL	00043848
462634.59000	3772586.92000	5.6555920e-05	374.35	374.35	0.00	PERIOD	ALL	00043848
462643.69000	3772583.11000	5.6942140e-05	374.23	374.23	0.00	PERIOD	ALL	00043848
462652.79000	3772579.30000	5.7316480e-05	374.10	374.10	0.00	PERIOD	ALL	00043848
462661.88000	3772575.49000	5.7677560e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462670.98000	3772571.68000	5.8026010e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462680.08000	3772567.87000	5.8361530e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462689.17000	3772564.06000	5.8683240e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462698.27000	3772560.26000	5.8993340e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462707.36000	3772556.45000	5.9288540e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462716.46000	3772552.64000	5.9571330e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462725.56000	3772548.83000	5.9840920e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462734.65000	3772545.02000	6.0100280e-05	373.80	373.80	0.00	PERIOD	ALL	00043848
462743.75000	3772541.21000	6.0347530e-05	373.44	373.44	0.00	PERIOD	ALL	00043848
462752.85000	3772537.40000	6.0581320e-05	373.16	373.16	0.00	PERIOD	ALL	00043848
462761.94000	3772533.59000	6.0801650e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462771.04000	3772529.78000	6.1013040e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462780.14000	3772525.98000	6.1215510e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462789.23000	3772522.17000	6.1407020e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462798.33000	3772518.36000	6.1590930e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462807.42000	3772514.55000	6.1767120e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462816.52000	3772510.74000	6.1937910e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462825.62000	3772506.93000	6.2103520e-05	372.94	372.94	0.00	PERIOD	ALL	00043848
462834.71000	3772503.12000	6.2264790e-05	372.78	372.78	0.00	PERIOD	ALL	00043848
462843.81000	3772499.31000	6.2424310e-05	372.54	372.54	0.00	PERIOD	ALL	00043848
462852.91000	3772495.50000	6.2583300e-05	372.27	372.27	0.00	PERIOD	ALL	00043848
462862.00000	3772491.70000	6.2743510e-05	372.11	372.11	0.00	PERIOD	ALL	00043848
462871.10000	3772487.89000	6.2905460e-05	372.01	372.01	0.00	PERIOD	ALL	00043848
462880.19000	3772484.08000	6.3071460e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462889.29000	3772480.27000	6.3241320e-05	371.94	371.94	0.00	PERIOD	ALL	00043848
462898.39000	3772476.46000	6.3415500e-05	371.79	371.79	0.00	PERIOD	ALL	00043848
462238.03000	3773155.06000	4.1879190e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462238.12000	3773165.01000	4.1919730e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462238.21000	3773174.97000	4.1952030e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462238.30000	3773184.92000	4.1916490e-05	384.29	384.29	0.00	PERIOD	ALL	00043848
462238.39000	3773194.88000	4.1864080e-05	384.62	384.62	0.00	PERIOD	ALL	00043848
462238.48000	3773204.83000	4.1804510e-05	384.95	384.95	0.00	PERIOD	ALL	00043848
462238.57000	3773214.79000	4.1792260e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462238.67000	3773224.74000	4.1782670e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462238.76000	3773234.70000	4.1764270e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462238.85000	3773244.65000	4.1681550e-05	385.28	385.28	0.00	PERIOD	ALL	00043848
462201.74000	3773146.26000	3.9205340e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462224.03000	3773091.32000	4.0565240e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462227.74000	3773082.16000	4.0759280e-05	382.96	382.96	0.00	PERIOD	ALL	00043848
462231.46000	3773073.00000	4.0959410e-05	382.82	382.82	0.00	PERIOD	ALL	00043848
462235.17000	3773063.84000	4.1160630e-05	382.61	382.61	0.00	PERIOD	ALL	00043848
462238.89000	3773054.69000	4.1363540e-05	382.34	382.34	0.00	PERIOD	ALL	00043848
462242.60000	3773045.53000	4.1550240e-05	382.15	382.15	0.00	PERIOD	ALL	00043848
462246.32000	3773036.37000	4.1723660e-05	382.04	382.04	0.00	PERIOD	ALL	00043848
462250.03000	3773027.21000	4.1883480e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462253.75000	3773018.06000	4.2038140e-05	381.96	381.96	0.00	PERIOD	ALL	00043848
462257.46000	3773008.90000	4.2192020e-05	381.85	381.85	0.00	PERIOD	ALL	00043848
462261.17000	3772999.74000	4.2345830e-05	381.66	381.66	0.00	PERIOD	ALL	00043848
462264.89000	3772990.58000	4.2499920e-05	381.40	381.40	0.00	PERIOD	ALL	00043848
462268.60000	3772981.42000	4.2642790e-05	381.19	381.19	0.00	PERIOD	ALL	00043848
462272.32000	3772972.27000	4.2773870e-05	381.05	381.05	0.00	PERIOD	ALL	00043848
462276.03000	3772963.11000	4.2889690e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462279.75000	3772953.95000	4.2995420e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462283.46000	3772944.79000	4.3101110e-05	380.91	380.91	0.00	PERIOD	ALL	00043848

462287.17000	3772935.64000	4.3207560e-05	380.73	380.73	0.00	PERIOD	ALL	00043848
462294.60000	3772917.32000	4.3415730e-05	380.18	380.18	0.00	PERIOD	ALL	00043848
462298.32000	3772908.16000	4.3500440e-05	380.02	380.02	0.00	PERIOD	ALL	00043848
462302.03000	3772899.01000	4.3566800e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462305.75000	3772889.85000	4.3625410e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462309.46000	3772880.69000	4.3676310e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462331.75000	3772825.74000	4.3918870e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462335.46000	3772816.59000	4.3924210e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462339.17000	3772807.43000	4.3941470e-05	378.70	378.70	0.00	PERIOD	ALL	00043848
462342.89000	3772798.27000	4.3952060e-05	378.40	378.40	0.00	PERIOD	ALL	00043848
462346.60000	3772789.11000	4.3955660e-05	378.09	378.09	0.00	PERIOD	ALL	00043848
462350.32000	3772779.96000	4.3941280e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462354.03000	3772770.80000	4.3914930e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462357.75000	3772761.64000	4.3882900e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462361.46000	3772752.48000	4.3850360e-05	377.87	377.87	0.00	PERIOD	ALL	00043848
462365.18000	3772743.32000	4.3819910e-05	377.57	377.57	0.00	PERIOD	ALL	00043848
462368.89000	3772734.17000	4.3782870e-05	377.26	377.26	0.00	PERIOD	ALL	00043848
462372.60000	3772725.01000	4.3736520e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462376.32000	3772715.85000	4.3673800e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462380.03000	3772706.69000	4.3604240e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462383.75000	3772697.54000	4.3529570e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462387.46000	3772688.38000	4.3458620e-05	376.73	376.73	0.00	PERIOD	ALL	00043848
462391.18000	3772679.22000	4.3383700e-05	376.43	376.43	0.00	PERIOD	ALL	00043848
462394.89000	3772670.06000	4.3302390e-05	376.12	376.12	0.00	PERIOD	ALL	00043848
462398.60000	3772660.90000	4.3207130e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462402.32000	3772651.75000	4.3102990e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462415.15000	3772638.77000	4.3439580e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462424.26000	3772634.96000	4.3889700e-05	375.95	375.95	0.00	PERIOD	ALL	00043848
462433.38000	3772631.14000	4.4342800e-05	375.83	375.83	0.00	PERIOD	ALL	00043848
462478.96000	3772612.05000	4.6601610e-05	375.19	375.19	0.00	PERIOD	ALL	00043848
462488.07000	3772608.24000	4.7048320e-05	375.06	375.06	0.00	PERIOD	ALL	00043848
462497.19000	3772604.42000	4.7490680e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462506.30000	3772600.60000	4.7927570e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462515.42000	3772596.79000	4.8361670e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462524.53000	3772592.97000	4.8789790e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462533.65000	3772589.15000	4.9213470e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462542.76000	3772585.34000	4.9631400e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462551.88000	3772581.52000	5.0044540e-05	374.94	374.94	0.00	PERIOD	ALL	00043848
462560.99000	3772577.70000	5.0453810e-05	374.64	374.64	0.00	PERIOD	ALL	00043848
462570.11000	3772573.88000	5.0856040e-05	374.29	374.29	0.00	PERIOD	ALL	00043848
462579.23000	3772570.07000	5.1250070e-05	374.01	374.01	0.00	PERIOD	ALL	00043848
462588.34000	3772566.25000	5.1632400e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462597.46000	3772562.43000	5.2006760e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462633.92000	3772547.17000	5.3412750e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462643.03000	3772543.35000	5.3740350e-05	373.90	373.90	0.00	PERIOD	ALL	00043848
462652.15000	3772539.53000	5.4058350e-05	373.77	373.77	0.00	PERIOD	ALL	00043848
462661.26000	3772535.72000	5.4365540e-05	373.65	373.65	0.00	PERIOD	ALL	00043848
462670.38000	3772531.90000	5.4662030e-05	373.52	373.52	0.00	PERIOD	ALL	00043848
462679.50000	3772528.08000	5.4947790e-05	373.39	373.39	0.00	PERIOD	ALL	00043848
462688.61000	3772524.26000	5.5222210e-05	373.26	373.26	0.00	PERIOD	ALL	00043848
462697.73000	3772520.45000	5.5487030e-05	373.14	373.14	0.00	PERIOD	ALL	00043848
462706.84000	3772516.63000	5.5739300e-05	373.01	373.01	0.00	PERIOD	ALL	00043848
462715.96000	3772512.81000	5.5982350e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462725.07000	3772509.00000	5.6215440e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462734.19000	3772505.18000	5.6438250e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462743.30000	3772501.36000	5.6650870e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462752.42000	3772497.55000	5.6855930e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462761.53000	3772493.73000	5.7050920e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462770.65000	3772489.91000	5.7238570e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462779.77000	3772486.10000	5.7419920e-05	372.99	372.99	0.00	PERIOD	ALL	00043848
462788.88000	3772482.28000	5.7593380e-05	372.86	372.86	0.00	PERIOD	ALL	00043848
462798.00000	3772478.46000	5.7762040e-05	372.74	372.74	0.00	PERIOD	ALL	00043848
462807.11000	3772474.64000	5.7926000e-05	372.61	372.61	0.00	PERIOD	ALL	00043848
462880.03000	3772444.11000	5.9210320e-05	371.58	371.58	0.00	PERIOD	ALL	00043848
462889.15000	3772440.29000	5.9380660e-05	371.32	371.32	0.00	PERIOD	ALL	00043848
462898.27000	3772436.48000	5.9559160e-05	371.13	371.13	0.00	PERIOD	ALL	00043848
462907.38000	3772432.66000	5.9744730e-05	371.02	371.02	0.00	PERIOD	ALL	00043848
462198.03000	3773155.42000	3.8943340e-05	384.22	384.22	0.00	PERIOD	ALL	00043848
462198.12000	3773165.38000	3.8932700e-05	384.46	384.46	0.00	PERIOD	ALL	00043848
462198.21000	3773175.33000	3.8917110e-05	384.69	384.69	0.00	PERIOD	ALL	00043848
462198.30000	3773185.29000	3.8916660e-05	384.80	384.80	0.00	PERIOD	ALL	00043848
462198.39000	3773195.24000	3.8912810e-05	384.89	384.89	0.00	PERIOD	ALL	00043848
462198.49000	3773205.20000	3.8900800e-05	384.99	384.99	0.00	PERIOD	ALL	00043848
462161.75000	3773146.61000	3.6609290e-05	384.01	384.01	0.00	PERIOD	ALL	00043848
462165.47000	3773137.44000	3.6806500e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462169.20000	3773128.26000	3.6998910e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462180.36000	3773100.74000	3.7613820e-05	383.48	383.48	0.00	PERIOD	ALL	00043848
462184.08000	3773091.56000	3.7823490e-05	383.17	383.17	0.00	PERIOD	ALL	00043848
462187.80000	3773082.39000	3.8013380e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462191.52000	3773073.21000	3.8181000e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462195.25000	3773064.04000	3.8344820e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462198.97000	3773054.86000	3.8508270e-05	382.95	382.95	0.00	PERIOD	ALL	00043848

462221.29000	3772999.81000	3.9448390e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462225.02000	3772990.64000	3.9588830e-05	381.81	381.81	0.00	PERIOD	ALL	00043848
462228.74000	3772981.46000	3.9731670e-05	381.50	381.50	0.00	PERIOD	ALL	00043848
462232.46000	3772972.29000	3.9868690e-05	381.20	381.20	0.00	PERIOD	ALL	00043848
462236.18000	3772963.11000	3.9991540e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462239.90000	3772953.94000	4.0092410e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462243.62000	3772944.76000	4.0187610e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462247.34000	3772935.59000	4.0278820e-05	380.98	380.98	0.00	PERIOD	ALL	00043848
462254.79000	3772917.24000	4.0489940e-05	380.36	380.36	0.00	PERIOD	ALL	00043848
462258.51000	3772908.06000	4.0585400e-05	380.06	380.06	0.00	PERIOD	ALL	00043848
462262.23000	3772898.89000	4.0656640e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462265.95000	3772889.71000	4.0717390e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462269.67000	3772880.54000	4.0772500e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462292.00000	3772825.49000	4.1053690e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462295.72000	3772816.31000	4.1068950e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462299.44000	3772807.14000	4.1097520e-05	378.69	378.69	0.00	PERIOD	ALL	00043848
462303.16000	3772797.96000	4.1118560e-05	378.39	378.39	0.00	PERIOD	ALL	00043848
462306.88000	3772788.79000	4.1134520e-05	378.08	378.08	0.00	PERIOD	ALL	00043848
462310.61000	3772779.61000	4.1132890e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462314.33000	3772770.44000	4.1121400e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462318.05000	3772761.26000	4.1104090e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462321.77000	3772752.09000	4.1088400e-05	377.86	377.86	0.00	PERIOD	ALL	00043848
462325.49000	3772742.91000	4.1074380e-05	377.55	377.55	0.00	PERIOD	ALL	00043848
462329.21000	3772733.74000	4.1054510e-05	377.25	377.25	0.00	PERIOD	ALL	00043848
462332.93000	3772724.56000	4.1026160e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462336.66000	3772715.39000	4.0983450e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462340.38000	3772706.21000	4.0934460e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462344.10000	3772697.04000	4.0880420e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462347.82000	3772687.86000	4.0831610e-05	376.72	376.72	0.00	PERIOD	ALL	00043848
462351.54000	3772678.69000	4.0779370e-05	376.41	376.41	0.00	PERIOD	ALL	00043848
462355.26000	3772669.51000	4.0720980e-05	376.11	376.11	0.00	PERIOD	ALL	00043848
462358.98000	3772660.34000	4.0650200e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462362.70000	3772651.16000	4.0570460e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462366.43000	3772641.99000	4.0486530e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462370.15000	3772632.81000	4.0399910e-05	375.88	375.88	0.00	PERIOD	ALL	00043848
462373.87000	3772623.64000	4.0312750e-05	375.58	375.58	0.00	PERIOD	ALL	00043848
462404.99000	3772602.99000	4.1430240e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462414.12000	3772599.17000	4.1832760e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462423.25000	3772595.34000	4.2234870e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462432.39000	3772591.52000	4.2637470e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462441.52000	3772587.70000	4.3038600e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462450.65000	3772583.87000	4.3437890e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462478.05000	3772572.40000	4.4627210e-05	374.87	374.87	0.00	PERIOD	ALL	00043848
462487.18000	3772568.58000	4.5019120e-05	374.74	374.74	0.00	PERIOD	ALL	00043848
462496.31000	3772564.75000	4.5406680e-05	374.61	374.61	0.00	PERIOD	ALL	00043848
462505.45000	3772560.93000	4.5791200e-05	374.49	374.49	0.00	PERIOD	ALL	00043848
462514.58000	3772557.10000	4.6170230e-05	374.36	374.36	0.00	PERIOD	ALL	00043848
462523.71000	3772553.28000	4.6544820e-05	374.23	374.23	0.00	PERIOD	ALL	00043848
462532.84000	3772549.45000	4.6913720e-05	374.10	374.10	0.00	PERIOD	ALL	00043848
462541.98000	3772545.63000	4.7277770e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462551.11000	3772541.81000	4.7634080e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462560.24000	3772537.98000	4.7983450e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462569.37000	3772534.16000	4.8326690e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462578.51000	3772530.33000	4.8662830e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462587.64000	3772526.51000	4.8993880e-05	373.82	373.82	0.00	PERIOD	ALL	00043848
462596.77000	3772522.69000	4.9316860e-05	373.55	373.55	0.00	PERIOD	ALL	00043848
462605.90000	3772518.86000	4.9630700e-05	373.20	373.20	0.00	PERIOD	ALL	00043848
462633.30000	3772507.39000	5.0522410e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462642.44000	3772503.57000	5.0803620e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462651.57000	3772499.74000	5.1074820e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462660.70000	3772495.92000	5.1337860e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462669.83000	3772492.09000	5.1591270e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462678.97000	3772488.27000	5.1837210e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462688.10000	3772484.44000	5.2072480e-05	372.94	372.94	0.00	PERIOD	ALL	00043848
462697.23000	3772480.62000	5.2299200e-05	372.81	372.81	0.00	PERIOD	ALL	00043848
462706.36000	3772476.80000	5.2517510e-05	372.68	372.68	0.00	PERIOD	ALL	00043848
462715.50000	3772472.97000	5.2727220e-05	372.55	372.55	0.00	PERIOD	ALL	00043848
462724.63000	3772469.15000	5.2929390e-05	372.43	372.43	0.00	PERIOD	ALL	00043848
462788.56000	3772442.38000	5.4161730e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462797.69000	3772438.56000	5.4319440e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462806.82000	3772434.73000	5.4473910e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462815.95000	3772430.91000	5.4627440e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462825.09000	3772427.08000	5.4779660e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462834.22000	3772423.26000	5.4931250e-05	371.90	371.90	0.00	PERIOD	ALL	00043848
462843.35000	3772419.43000	5.5082800e-05	371.77	371.77	0.00	PERIOD	ALL	00043848
462852.48000	3772415.61000	5.5236520e-05	371.58	371.58	0.00	PERIOD	ALL	00043848
462861.62000	3772411.79000	5.5392600e-05	371.31	371.31	0.00	PERIOD	ALL	00043848
462870.75000	3772407.96000	5.5551380e-05	371.11	371.11	0.00	PERIOD	ALL	00043848
462879.88000	3772404.14000	5.5716540e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462889.02000	3772400.31000	5.5890030e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462898.15000	3772396.49000	5.6070230e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462907.28000	3772392.67000	5.6253560e-05	370.88	370.88	0.00	PERIOD	ALL	00043848

462158.03000	3773155.79000	3.6356850e-05	384.32	384.32	0.00	PERIOD	ALL	00043848
462158.12000	3773165.74000	3.6329210e-05	384.65	384.65	0.00	PERIOD	ALL	00043848
462158.21000	3773175.70000	3.6296510e-05	384.98	384.98	0.00	PERIOD	ALL	00043848
462158.30000	3773185.65000	3.6309880e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462158.40000	3773195.61000	3.6321560e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462158.49000	3773205.56000	3.6326730e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462158.58000	3773215.52000	3.6273130e-05	385.31	385.31	0.00	PERIOD	ALL	00043848
462121.76000	3773146.96000	3.4290950e-05	384.02	384.02	0.00	PERIOD	ALL	00043848
462125.49000	3773137.77000	3.4470880e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462129.22000	3773128.58000	3.4644460e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462140.40000	3773101.01000	3.5202610e-05	383.49	383.49	0.00	PERIOD	ALL	00043848
462144.13000	3773091.82000	3.5394420e-05	383.18	383.18	0.00	PERIOD	ALL	00043848
462147.85000	3773082.63000	3.5568390e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462151.58000	3773073.44000	3.5721510e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462155.31000	3773064.25000	3.5870630e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462159.04000	3773055.06000	3.6019720e-05	382.96	382.96	0.00	PERIOD	ALL	00043848
462162.77000	3773045.87000	3.6190540e-05	382.65	382.65	0.00	PERIOD	ALL	00043848
462166.49000	3773036.68000	3.6356500e-05	382.34	382.34	0.00	PERIOD	ALL	00043848
462170.22000	3773027.49000	3.6515950e-05	382.04	382.04	0.00	PERIOD	ALL	00043848
462173.95000	3773018.29000	3.6647890e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462177.68000	3773009.10000	3.6772160e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462181.40000	3772999.91000	3.6891310e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462185.13000	3772990.72000	3.7022360e-05	381.81	381.81	0.00	PERIOD	ALL	00043848
462188.86000	3772981.53000	3.7156330e-05	381.51	381.51	0.00	PERIOD	ALL	00043848
462192.59000	3772972.34000	3.7286790e-05	381.20	381.20	0.00	PERIOD	ALL	00043848
462196.31000	3772963.15000	3.7403040e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462200.04000	3772953.96000	3.7499590e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462226.14000	3772889.63000	3.8112560e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462229.86000	3772880.44000	3.8169110e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462252.23000	3772825.29000	3.8475050e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462255.96000	3772816.10000	3.8498710e-05	378.99	378.99	0.00	PERIOD	ALL	00043848
462259.68000	3772806.91000	3.8533220e-05	378.69	378.69	0.00	PERIOD	ALL	00043848
462263.41000	3772797.72000	3.8563280e-05	378.38	378.38	0.00	PERIOD	ALL	00043848
462267.14000	3772788.53000	3.8588020e-05	378.07	378.07	0.00	PERIOD	ALL	00043848
462270.87000	3772779.34000	3.8595520e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462274.59000	3772770.15000	3.8594290e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462278.32000	3772760.96000	3.8588850e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462282.05000	3772751.77000	3.8585730e-05	377.85	377.85	0.00	PERIOD	ALL	00043848
462285.78000	3772742.58000	3.8584400e-05	377.54	377.54	0.00	PERIOD	ALL	00043848
462289.51000	3772733.39000	3.8577710e-05	377.24	377.24	0.00	PERIOD	ALL	00043848
462293.23000	3772724.20000	3.8562790e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462296.96000	3772715.01000	3.8534440e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462300.69000	3772705.82000	3.8501520e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462304.42000	3772696.63000	3.8463960e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462308.14000	3772687.44000	3.8431680e-05	376.72	376.72	0.00	PERIOD	ALL	00043848
462311.87000	3772678.24000	3.8396850e-05	376.40	376.40	0.00	PERIOD	ALL	00043848
462315.60000	3772669.05000	3.8357030e-05	376.09	376.09	0.00	PERIOD	ALL	00043848
462319.33000	3772659.86000	3.8304470e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462323.05000	3772650.67000	3.8244220e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462326.78000	3772641.48000	3.8180120e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462330.51000	3772632.29000	3.8111550e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462334.24000	3772623.10000	3.8038520e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462345.42000	3772595.53000	3.7805280e-05	375.52	375.52	0.00	PERIOD	ALL	00043848
462358.30000	3772582.51000	3.8085250e-05	375.08	375.08	0.00	PERIOD	ALL	00043848
462367.44000	3772578.68000	3.8446900e-05	375.01	375.01	0.00	PERIOD	ALL	00043848
462376.59000	3772574.85000	3.8808730e-05	374.99	374.99	0.00	PERIOD	ALL	00043848
462385.74000	3772571.02000	3.9172100e-05	374.90	374.90	0.00	PERIOD	ALL	00043848
462394.89000	3772567.19000	3.9536400e-05	374.74	374.74	0.00	PERIOD	ALL	00043848
462404.04000	3772563.36000	3.9900180e-05	374.57	374.57	0.00	PERIOD	ALL	00043848
462413.18000	3772559.53000	4.0262120e-05	374.44	374.44	0.00	PERIOD	ALL	00043848
462422.33000	3772555.69000	4.0623120e-05	374.31	374.31	0.00	PERIOD	ALL	00043848
462431.48000	3772551.86000	4.0983160e-05	374.18	374.18	0.00	PERIOD	ALL	00043848
462440.63000	3772548.03000	4.1341310e-05	374.06	374.06	0.00	PERIOD	ALL	00043848
462449.78000	3772544.20000	4.1696720e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462477.22000	3772532.71000	4.2744200e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462486.37000	3772528.88000	4.3086890e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462495.52000	3772525.05000	4.3425670e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462504.67000	3772521.22000	4.3760310e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462513.81000	3772517.39000	4.4089810e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462522.96000	3772513.56000	4.4416270e-05	373.91	373.91	0.00	PERIOD	ALL	00043848
462532.11000	3772509.73000	4.4737620e-05	373.78	373.78	0.00	PERIOD	ALL	00043848
462541.26000	3772505.90000	4.5053480e-05	373.65	373.65	0.00	PERIOD	ALL	00043848
462550.41000	3772502.07000	4.5363490e-05	373.52	373.52	0.00	PERIOD	ALL	00043848
462559.55000	3772498.24000	4.5666860e-05	373.40	373.40	0.00	PERIOD	ALL	00043848
462568.70000	3772494.40000	4.5964160e-05	373.27	373.27	0.00	PERIOD	ALL	00043848
462577.85000	3772490.57000	4.6255480e-05	373.14	373.14	0.00	PERIOD	ALL	00043848
462587.00000	3772486.74000	4.6539610e-05	373.01	373.01	0.00	PERIOD	ALL	00043848
462596.15000	3772482.91000	4.6817260e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462605.29000	3772479.08000	4.7087610e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462632.74000	3772467.59000	4.7853240e-05	372.52	372.52	0.00	PERIOD	ALL	00043848
462696.78000	3772440.78000	4.9388780e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462705.92000	3772436.95000	4.9580130e-05	372.00	372.00	0.00	PERIOD	ALL	00043848

462715.07000	3772433.12000	4.9765360e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462724.22000	3772429.28000	4.9943430e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462733.37000	3772425.45000	5.0115860e-05	371.97	371.97	0.00	PERIOD	ALL	00043848
462742.52000	3772421.62000	5.0281020e-05	371.84	371.84	0.00	PERIOD	ALL	00043848
462751.66000	3772417.79000	5.0440890e-05	371.72	371.72	0.00	PERIOD	ALL	00043848
462760.81000	3772413.96000	5.0596780e-05	371.59	371.59	0.00	PERIOD	ALL	00043848
462769.96000	3772410.13000	5.0748770e-05	371.46	371.46	0.00	PERIOD	ALL	00043848
462779.11000	3772406.30000	5.0897450e-05	371.33	371.33	0.00	PERIOD	ALL	00043848
462788.26000	3772402.47000	5.1043660e-05	371.20	371.20	0.00	PERIOD	ALL	00043848
462797.40000	3772398.64000	5.1186870e-05	371.08	371.08	0.00	PERIOD	ALL	00043848
462806.55000	3772394.81000	5.1330260e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462815.70000	3772390.98000	5.1475440e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462824.85000	3772387.15000	5.1620750e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462834.00000	3772383.32000	5.1767110e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462843.14000	3772379.49000	5.1914610e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462852.29000	3772375.66000	5.2062900e-05	370.94	370.94	0.00	PERIOD	ALL	00043848
462861.44000	3772371.83000	5.2207050e-05	370.68	370.68	0.00	PERIOD	ALL	00043848
462870.59000	3772367.99000	5.2349300e-05	370.34	370.34	0.00	PERIOD	ALL	00043848
462879.74000	3772364.16000	5.2493580e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462888.89000	3772360.33000	5.2661760e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462898.03000	3772356.50000	5.2835450e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462907.18000	3772352.67000	5.3016570e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462118.03000	3773156.15000	3.4061030e-05	384.33	384.33	0.00	PERIOD	ALL	00043848
462118.12000	3773166.11000	3.4033260e-05	384.66	384.66	0.00	PERIOD	ALL	00043848
462118.22000	3773176.06000	3.4001620e-05	384.99	384.99	0.00	PERIOD	ALL	00043848
462118.31000	3773186.02000	3.4014770e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462118.40000	3773195.97000	3.4024570e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462118.49000	3773205.93000	3.4029460e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462118.58000	3773215.88000	3.3978000e-05	385.32	385.32	0.00	PERIOD	ALL	00043848
462118.67000	3773225.84000	3.3921280e-05	385.65	385.65	0.00	PERIOD	ALL	00043848
462118.76000	3773235.79000	3.3861660e-05	385.98	385.98	0.00	PERIOD	ALL	00043848
462118.85000	3773245.75000	3.3843160e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462081.77000	3773147.31000	3.2209770e-05	384.03	384.03	0.00	PERIOD	ALL	00043848
462085.50000	3773138.11000	3.2374080e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462089.24000	3773128.90000	3.2531890e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462100.44000	3773101.29000	3.3040570e-05	383.50	383.50	0.00	PERIOD	ALL	00043848
462104.17000	3773092.09000	3.3216300e-05	383.19	383.19	0.00	PERIOD	ALL	00043848
462107.90000	3773082.88000	3.3376900e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462111.64000	3773073.68000	3.3517110e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462115.37000	3773064.47000	3.3653530e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462119.10000	3773055.27000	3.3790130e-05	382.96	382.96	0.00	PERIOD	ALL	00043848
462122.84000	3773046.06000	3.3947190e-05	382.66	382.66	0.00	PERIOD	ALL	00043848
462126.57000	3773036.86000	3.4101010e-05	382.35	382.35	0.00	PERIOD	ALL	00043848
462130.30000	3773027.65000	3.4249520e-05	382.04	382.04	0.00	PERIOD	ALL	00043848
462137.77000	3773009.24000	3.4487370e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462141.50000	3773000.04000	3.4598550e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462145.24000	3772990.83000	3.4720790e-05	381.82	381.82	0.00	PERIOD	ALL	00043848
462148.97000	3772981.63000	3.4847310e-05	381.51	381.51	0.00	PERIOD	ALL	00043848
462152.70000	3772972.42000	3.4969970e-05	381.20	381.20	0.00	PERIOD	ALL	00043848
462156.44000	3772963.22000	3.5080860e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462160.17000	3772954.02000	3.5172500e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462163.90000	3772944.81000	3.5259710e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462167.64000	3772935.61000	3.5344950e-05	380.98	380.98	0.00	PERIOD	ALL	00043848
462178.84000	3772907.99000	3.5634680e-05	380.06	380.06	0.00	PERIOD	ALL	00043848
462182.57000	3772898.79000	3.5705140e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462186.30000	3772889.58000	3.5767090e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462190.04000	3772880.38000	3.5825410e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462246.04000	3772742.31000	3.6317630e-05	377.59	377.59	0.00	PERIOD	ALL	00043848
462249.77000	3772733.10000	3.6322890e-05	377.23	377.23	0.00	PERIOD	ALL	00043848
462253.50000	3772723.90000	3.6318500e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462257.24000	3772714.69000	3.6301820e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462260.97000	3772705.49000	3.6280820e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462264.70000	3772696.28000	3.6255480e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462268.44000	3772687.08000	3.6227050e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462272.17000	3772677.88000	3.6194060e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462275.90000	3772668.67000	3.6156790e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462279.64000	3772659.47000	3.6124770e-05	376.77	376.77	0.00	PERIOD	ALL	00043848
462283.37000	3772650.26000	3.6093110e-05	376.41	376.41	0.00	PERIOD	ALL	00043848
462287.10000	3772641.06000	3.6055010e-05	376.12	376.12	0.00	PERIOD	ALL	00043848
462290.84000	3772631.85000	3.6006710e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462294.57000	3772622.65000	3.5950550e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462305.77000	3772595.03000	3.5768960e-05	375.62	375.62	0.00	PERIOD	ALL	00043848
462309.50000	3772585.83000	3.5704740e-05	375.32	375.32	0.00	PERIOD	ALL	00043848
462313.24000	3772576.62000	3.5636950e-05	375.01	375.01	0.00	PERIOD	ALL	00043848
462316.97000	3772567.42000	3.5558490e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462329.87000	3772554.38000	3.5800900e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462339.03000	3772550.54000	3.6126040e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462348.19000	3772546.70000	3.6451670e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462357.35000	3772542.87000	3.6780340e-05	374.88	374.88	0.00	PERIOD	ALL	00043848
462366.52000	3772539.03000	3.7108900e-05	374.76	374.76	0.00	PERIOD	ALL	00043848
462375.68000	3772535.20000	3.7438830e-05	374.50	374.50	0.00	PERIOD	ALL	00043848
462384.84000	3772531.36000	3.7767550e-05	374.25	374.25	0.00	PERIOD	ALL	00043848

462394.00000	3772527.52000	3.8094570e-05	374.07	374.07	0.00	PERIOD	ALL	00043848
462403.16000	3772523.69000	3.8419400e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462412.33000	3772519.85000	3.8742350e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462421.49000	3772516.01000	3.9063040e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462430.65000	3772512.18000	3.9382160e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462439.81000	3772508.34000	3.9698550e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462448.98000	3772504.50000	4.0012910e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462476.46000	3772492.99000	4.0940700e-05	373.56	373.56	0.00	PERIOD	ALL	00043848
462485.62000	3772489.16000	4.1243610e-05	373.22	373.22	0.00	PERIOD	ALL	00043848
462494.79000	3772485.32000	4.1540930e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462503.95000	3772481.48000	4.1833960e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462513.11000	3772477.65000	4.2123040e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462522.27000	3772473.81000	4.2407070e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462595.57000	3772443.12000	4.4489970e-05	372.56	372.56	0.00	PERIOD	ALL	00043848
462604.73000	3772439.28000	4.4723690e-05	372.43	372.43	0.00	PERIOD	ALL	00043848
462632.22000	3772427.77000	4.5387560e-05	372.01	372.01	0.00	PERIOD	ALL	00043848
462641.38000	3772423.94000	4.5597870e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462650.54000	3772420.10000	4.5800030e-05	371.92	371.92	0.00	PERIOD	ALL	00043848
462659.71000	3772416.26000	4.5995390e-05	371.78	371.78	0.00	PERIOD	ALL	00043848
462668.87000	3772412.43000	4.6182780e-05	371.55	371.55	0.00	PERIOD	ALL	00043848
462678.03000	3772408.59000	4.6365280e-05	371.41	371.41	0.00	PERIOD	ALL	00043848
462687.19000	3772404.75000	4.6542050e-05	371.28	371.28	0.00	PERIOD	ALL	00043848
462696.35000	3772400.92000	4.6713460e-05	371.15	371.15	0.00	PERIOD	ALL	00043848
462705.52000	3772397.08000	4.6878350e-05	371.02	371.02	0.00	PERIOD	ALL	00043848
462714.68000	3772393.24000	4.7040960e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462723.84000	3772389.41000	4.7199900e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462733.00000	3772385.57000	4.7353590e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462742.16000	3772381.74000	4.7503780e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462751.33000	3772377.90000	4.7650050e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462760.49000	3772374.06000	4.7792560e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462769.65000	3772370.23000	4.7933040e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462778.81000	3772366.39000	4.8070690e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462787.98000	3772362.55000	4.8202790e-05	370.87	370.87	0.00	PERIOD	ALL	00043848
462797.14000	3772358.72000	4.8334210e-05	370.75	370.75	0.00	PERIOD	ALL	00043848
462806.30000	3772354.88000	4.8464050e-05	370.62	370.62	0.00	PERIOD	ALL	00043848
462815.46000	3772351.04000	4.8593850e-05	370.49	370.49	0.00	PERIOD	ALL	00043848
462824.62000	3772347.21000	4.8724580e-05	370.36	370.36	0.00	PERIOD	ALL	00043848
462833.79000	3772343.37000	4.8856070e-05	370.23	370.23	0.00	PERIOD	ALL	00043848
462842.95000	3772339.53000	4.8989190e-05	370.11	370.11	0.00	PERIOD	ALL	00043848
462852.11000	3772335.70000	4.9124730e-05	369.98	369.98	0.00	PERIOD	ALL	00043848
462861.27000	3772331.86000	4.9265800e-05	369.91	369.91	0.00	PERIOD	ALL	00043848
462870.44000	3772328.02000	4.9414680e-05	369.91	369.91	0.00	PERIOD	ALL	00043848
462879.60000	3772324.19000	4.9572630e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462888.76000	3772320.35000	4.9722060e-05	369.84	369.84	0.00	PERIOD	ALL	00043848
462897.92000	3772316.51000	4.9872710e-05	369.60	369.60	0.00	PERIOD	ALL	00043848
462907.08000	3772312.68000	5.0025670e-05	369.28	369.28	0.00	PERIOD	ALL	00043848
462078.04000	3773156.52000	3.1999880e-05	384.34	384.34	0.00	PERIOD	ALL	00043848
462078.13000	3773166.47000	3.1972130e-05	384.67	384.67	0.00	PERIOD	ALL	00043848
462078.22000	3773176.43000	3.1940690e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462078.31000	3773186.38000	3.1953660e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462078.40000	3773196.34000	3.1962330e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462078.49000	3773206.29000	3.1966850e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462078.58000	3773216.25000	3.1917350e-05	385.33	385.33	0.00	PERIOD	ALL	00043848
462078.67000	3773226.20000	3.1864780e-05	385.66	385.66	0.00	PERIOD	ALL	00043848
462078.76000	3773236.16000	3.1809930e-05	385.99	385.99	0.00	PERIOD	ALL	00043848
462078.85000	3773246.11000	3.1795440e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462041.78000	3773147.67000	3.0332560e-05	384.04	384.04	0.00	PERIOD	ALL	00043848
462045.51000	3773138.45000	3.0483500e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462049.25000	3773129.23000	3.0626960e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462056.73000	3773110.80000	3.0927530e-05	383.82	383.82	0.00	PERIOD	ALL	00043848
462060.47000	3773101.58000	3.1092310e-05	383.51	383.51	0.00	PERIOD	ALL	00043848
462064.21000	3773092.36000	3.1254190e-05	383.20	383.20	0.00	PERIOD	ALL	00043848
462067.95000	3773083.14000	3.1402870e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462071.68000	3773073.93000	3.1530890e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462075.42000	3773064.71000	3.1656410e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462079.16000	3773055.49000	3.1781680e-05	382.97	382.97	0.00	PERIOD	ALL	00043848
462082.90000	3773046.27000	3.1927660e-05	382.66	382.66	0.00	PERIOD	ALL	00043848
462086.64000	3773037.06000	3.2069730e-05	382.36	382.36	0.00	PERIOD	ALL	00043848
462090.38000	3773027.84000	3.2208120e-05	382.05	382.05	0.00	PERIOD	ALL	00043848
462097.85000	3773009.40000	3.2429290e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462101.59000	3773000.19000	3.2533350e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462105.33000	3772990.97000	3.2647520e-05	381.82	381.82	0.00	PERIOD	ALL	00043848
462109.07000	3772981.75000	3.2766730e-05	381.51	381.51	0.00	PERIOD	ALL	00043848
462112.81000	3772972.53000	3.2881930e-05	381.21	381.21	0.00	PERIOD	ALL	00043848
462116.55000	3772963.32000	3.2987360e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462120.29000	3772954.10000	3.3074310e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462124.02000	3772944.88000	3.3157100e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462127.76000	3772935.66000	3.3238220e-05	380.98	380.98	0.00	PERIOD	ALL	00043848
462138.98000	3772908.01000	3.3517990e-05	380.06	380.06	0.00	PERIOD	ALL	00043848
462142.72000	3772898.79000	3.3587070e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462146.46000	3772889.57000	3.3648590e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462150.20000	3772880.36000	3.3706450e-05	380.00	380.00	0.00	PERIOD	ALL	00043848

462168.89000	3772834.27000	3.3999340e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462172.63000	3772825.05000	3.4034720e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462176.37000	3772815.83000	3.4066850e-05	378.99	378.99	0.00	PERIOD	ALL	00043848
462180.10000	3772806.62000	3.4105410e-05	378.78	378.78	0.00	PERIOD	ALL	00043848
462183.84000	3772797.40000	3.4143990e-05	378.49	378.49	0.00	PERIOD	ALL	00043848
462187.58000	3772788.18000	3.4182080e-05	378.13	378.13	0.00	PERIOD	ALL	00043848
462191.32000	3772778.96000	3.4204880e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462195.06000	3772769.75000	3.4218370e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462198.80000	3772760.53000	3.4228090e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462236.18000	3772668.35000	3.4168930e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462239.92000	3772659.14000	3.4148590e-05	376.76	376.76	0.00	PERIOD	ALL	00043848
462243.66000	3772649.92000	3.4127020e-05	376.45	376.45	0.00	PERIOD	ALL	00043848
462247.40000	3772640.70000	3.4101800e-05	376.15	376.15	0.00	PERIOD	ALL	00043848
462262.35000	3772603.83000	3.3931260e-05	375.92	375.92	0.00	PERIOD	ALL	00043848
462266.09000	3772594.61000	3.3886070e-05	375.61	375.61	0.00	PERIOD	ALL	00043848
462269.83000	3772585.39000	3.3837170e-05	375.30	375.30	0.00	PERIOD	ALL	00043848
462273.57000	3772576.18000	3.3784700e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462277.31000	3772566.96000	3.3722330e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462281.05000	3772557.74000	3.3656680e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462284.78000	3772548.52000	3.3587460e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462288.52000	3772539.31000	3.3519190e-05	374.77	374.77	0.00	PERIOD	ALL	00043848
462301.44000	3772526.25000	3.3743600e-05	374.33	374.33	0.00	PERIOD	ALL	00043848
462310.61000	3772522.41000	3.4039730e-05	374.20	374.20	0.00	PERIOD	ALL	00043848
462319.79000	3772518.56000	3.4336650e-05	374.07	374.07	0.00	PERIOD	ALL	00043848
462328.96000	3772514.72000	3.4632890e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462338.14000	3772510.88000	3.4929070e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462347.31000	3772507.04000	3.5224540e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462356.49000	3772503.20000	3.5520170e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462365.66000	3772499.35000	3.5814450e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462374.84000	3772495.51000	3.6108590e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462384.01000	3772491.67000	3.6401100e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462393.19000	3772487.83000	3.6692800e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462402.36000	3772483.99000	3.6983460e-05	373.92	373.92	0.00	PERIOD	ALL	00043848
462411.54000	3772480.15000	3.7273060e-05	373.79	373.79	0.00	PERIOD	ALL	00043848
462420.71000	3772476.30000	3.7559330e-05	373.67	373.67	0.00	PERIOD	ALL	00043848
462429.89000	3772472.46000	3.7844090e-05	373.54	373.54	0.00	PERIOD	ALL	00043848
462439.06000	3772468.62000	3.8125840e-05	373.41	373.41	0.00	PERIOD	ALL	00043848
462494.11000	3772445.57000	3.9748330e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462503.29000	3772441.73000	4.0006030e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462512.46000	3772437.88000	4.0258650e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462521.64000	3772434.04000	4.0507760e-05	372.95	372.95	0.00	PERIOD	ALL	00043848
462530.81000	3772430.20000	4.0750860e-05	372.68	372.68	0.00	PERIOD	ALL	00043848
462539.99000	3772426.36000	4.0988950e-05	372.32	372.32	0.00	PERIOD	ALL	00043848
462549.16000	3772422.52000	4.1221060e-05	372.01	372.01	0.00	PERIOD	ALL	00043848
462558.34000	3772418.68000	4.1451770e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462567.51000	3772414.83000	4.1676630e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462576.69000	3772410.99000	4.1897320e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462585.86000	3772407.15000	4.2112450e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462595.04000	3772403.31000	4.2322760e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462604.21000	3772399.47000	4.2527230e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462631.74000	3772387.94000	4.3104660e-05	371.72	371.72	0.00	PERIOD	ALL	00043848
462640.91000	3772384.10000	4.3285340e-05	371.57	371.57	0.00	PERIOD	ALL	00043848
462650.09000	3772380.26000	4.3458970e-05	371.30	371.30	0.00	PERIOD	ALL	00043848
462659.26000	3772376.41000	4.3627260e-05	371.12	371.12	0.00	PERIOD	ALL	00043848
462668.44000	3772372.57000	4.3792400e-05	371.01	371.01	0.00	PERIOD	ALL	00043848
462677.61000	3772368.73000	4.3954730e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462686.79000	3772364.89000	4.4111710e-05	370.97	370.97	0.00	PERIOD	ALL	00043848
462695.96000	3772361.05000	4.4260790e-05	370.85	370.85	0.00	PERIOD	ALL	00043848
462705.14000	3772357.21000	4.4404550e-05	370.70	370.70	0.00	PERIOD	ALL	00043848
462714.31000	3772353.36000	4.4543580e-05	370.57	370.57	0.00	PERIOD	ALL	00043848
462723.49000	3772349.52000	4.4679470e-05	370.44	370.44	0.00	PERIOD	ALL	00043848
462732.66000	3772345.68000	4.4811120e-05	370.31	370.31	0.00	PERIOD	ALL	00043848
462741.84000	3772341.84000	4.4939630e-05	370.18	370.18	0.00	PERIOD	ALL	00043848
462751.01000	3772338.00000	4.5065100e-05	370.06	370.06	0.00	PERIOD	ALL	00043848
462760.19000	3772334.15000	4.5190860e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462769.36000	3772330.31000	4.5317770e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462778.54000	3772326.47000	4.5443640e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462787.71000	3772322.63000	4.5568130e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462796.89000	3772318.79000	4.5692480e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462806.06000	3772314.94000	4.5815680e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462815.24000	3772311.10000	4.5940540e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462824.41000	3772307.26000	4.6058650e-05	369.85	369.85	0.00	PERIOD	ALL	00043848
462833.59000	3772303.42000	4.6167790e-05	369.48	369.48	0.00	PERIOD	ALL	00043848
462842.76000	3772299.58000	4.6281500e-05	369.18	369.18	0.00	PERIOD	ALL	00043848
462851.94000	3772295.74000	4.6406550e-05	369.05	369.05	0.00	PERIOD	ALL	00043848
462861.11000	3772291.89000	4.6547400e-05	369.20	369.20	0.00	PERIOD	ALL	00043848
462870.29000	3772288.05000	4.6688520e-05	369.27	369.27	0.00	PERIOD	ALL	00043848
462879.46000	3772284.21000	4.6828980e-05	369.26	369.26	0.00	PERIOD	ALL	00043848
462888.64000	3772280.37000	4.6966230e-05	369.09	369.09	0.00	PERIOD	ALL	00043848
462897.81000	3772276.53000	4.7111620e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462906.99000	3772272.68000	4.7260340e-05	368.88	368.88	0.00	PERIOD	ALL	00043848
462038.04000	3773156.88000	3.0139780e-05	384.35	384.35	0.00	PERIOD	ALL	00043848

462038.13000	3773166.84000	3.0112190e-05	384.68	384.68	0.00	PERIOD	ALL	00043848
462038.22000	3773176.79000	3.0082820e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462038.31000	3773186.75000	3.0094330e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462038.40000	3773196.70000	3.0102080e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462038.49000	3773206.66000	3.0104800e-05	385.01	385.01	0.00	PERIOD	ALL	00043848
462038.58000	3773216.61000	3.0058400e-05	385.34	385.34	0.00	PERIOD	ALL	00043848
462038.67000	3773226.57000	3.0009510e-05	385.67	385.67	0.00	PERIOD	ALL	00043848
462038.76000	3773236.52000	2.9958780e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462038.86000	3773246.48000	2.9948030e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462001.73000	3773148.15000	2.8628240e-05	384.06	384.06	0.00	PERIOD	ALL	00043848
462005.42000	3773139.05000	2.8767610e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462009.11000	3773129.95000	2.8896900e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
462020.19000	3773102.64000	2.9317200e-05	383.54	383.54	0.00	PERIOD	ALL	00043848
462023.88000	3773093.54000	2.9464180e-05	383.24	383.24	0.00	PERIOD	ALL	00043848
462027.57000	3773084.44000	2.9603240e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462031.26000	3773075.34000	2.9719930e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462034.95000	3773066.24000	2.9834220e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462038.64000	3773057.14000	2.9946080e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462042.34000	3773048.04000	3.0078460e-05	382.72	382.72	0.00	PERIOD	ALL	00043848
462046.03000	3773038.93000	3.0209160e-05	382.42	382.42	0.00	PERIOD	ALL	00043848
462049.72000	3773029.83000	3.0336670e-05	382.12	382.12	0.00	PERIOD	ALL	00043848
462060.79000	3773002.53000	3.0642350e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462064.48000	3772993.43000	3.0743020e-05	381.90	381.90	0.00	PERIOD	ALL	00043848
462068.18000	3772984.33000	3.0854520e-05	381.60	381.60	0.00	PERIOD	ALL	00043848
462071.87000	3772975.23000	3.0962630e-05	381.30	381.30	0.00	PERIOD	ALL	00043848
462075.56000	3772966.12000	3.1067620e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462079.25000	3772957.02000	3.1149550e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462082.94000	3772947.92000	3.1228480e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462086.63000	3772938.82000	3.1304410e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462090.32000	3772929.72000	3.1391630e-05	380.78	380.78	0.00	PERIOD	ALL	00043848
462097.71000	3772911.52000	3.1567910e-05	380.17	380.17	0.00	PERIOD	ALL	00043848
462101.40000	3772902.42000	3.1642240e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462105.09000	3772893.32000	3.1702820e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462108.78000	3772884.21000	3.1760090e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462127.24000	3772838.71000	3.2014360e-05	379.75	379.75	0.00	PERIOD	ALL	00043848
462130.93000	3772829.61000	3.2071920e-05	379.42	379.42	0.00	PERIOD	ALL	00043848
462134.62000	3772820.51000	3.2124470e-05	379.12	379.12	0.00	PERIOD	ALL	00043848
462138.31000	3772811.40000	3.2162840e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462142.00000	3772802.30000	3.2191470e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462145.69000	3772793.20000	3.2216860e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462149.39000	3772784.10000	3.2243330e-05	378.93	378.93	0.00	PERIOD	ALL	00043848
462153.08000	3772775.00000	3.2277890e-05	378.62	378.62	0.00	PERIOD	ALL	00043848
462156.77000	3772765.90000	3.2308260e-05	378.32	378.32	0.00	PERIOD	ALL	00043848
462160.46000	3772756.80000	3.2335100e-05	378.02	378.02	0.00	PERIOD	ALL	00043848
462164.15000	3772747.70000	3.2345910e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462167.84000	3772738.60000	3.2352750e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462171.53000	3772729.49000	3.2356370e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462175.23000	3772720.39000	3.2365740e-05	377.80	377.80	0.00	PERIOD	ALL	00043848
462178.92000	3772711.29000	3.2375190e-05	377.50	377.50	0.00	PERIOD	ALL	00043848
462182.61000	3772702.19000	3.2381250e-05	377.20	377.20	0.00	PERIOD	ALL	00043848
462186.30000	3772693.09000	3.2380230e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462189.99000	3772683.99000	3.2368990e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462193.68000	3772674.89000	3.2354790e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462197.37000	3772665.79000	3.2338260e-05	376.98	376.98	0.00	PERIOD	ALL	00043848
462226.91000	3772592.98000	3.2138610e-05	375.55	375.55	0.00	PERIOD	ALL	00043848
462230.60000	3772583.88000	3.2101790e-05	375.25	375.25	0.00	PERIOD	ALL	00043848
462234.29000	3772574.77000	3.2060360e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462237.98000	3772565.67000	3.2011450e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462241.67000	3772556.57000	3.1959630e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462245.36000	3772547.47000	3.1904960e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462249.05000	3772538.37000	3.1851860e-05	374.73	374.73	0.00	PERIOD	ALL	00043848
462252.75000	3772529.27000	3.1795810e-05	374.43	374.43	0.00	PERIOD	ALL	00043848
462256.44000	3772520.17000	3.1736360e-05	374.13	374.13	0.00	PERIOD	ALL	00043848
462260.13000	3772511.07000	3.1672150e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462272.88000	3772498.17000	3.1867130e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462281.94000	3772494.38000	3.2131410e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462291.00000	3772490.58000	3.2396040e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462300.06000	3772486.79000	3.2661220e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462309.12000	3772483.00000	3.2927760e-05	373.89	373.89	0.00	PERIOD	ALL	00043848
462318.17000	3772479.20000	3.3193460e-05	373.76	373.76	0.00	PERIOD	ALL	00043848
462327.23000	3772475.41000	3.3459270e-05	373.64	373.64	0.00	PERIOD	ALL	00043848
462336.29000	3772471.62000	3.3724810e-05	373.51	373.51	0.00	PERIOD	ALL	00043848
462345.35000	3772467.82000	3.3989200e-05	373.38	373.38	0.00	PERIOD	ALL	00043848
462399.71000	3772445.06000	3.5549090e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462408.77000	3772441.27000	3.5802960e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462417.83000	3772437.48000	3.6054840e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462426.88000	3772433.68000	3.6303590e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462435.94000	3772429.89000	3.6550430e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462445.00000	3772426.10000	3.6794640e-05	372.99	372.99	0.00	PERIOD	ALL	00043848
462454.06000	3772422.30000	3.7035200e-05	372.87	372.87	0.00	PERIOD	ALL	00043848
462463.12000	3772418.51000	3.7272880e-05	372.74	372.74	0.00	PERIOD	ALL	00043848
462472.18000	3772414.72000	3.7507540e-05	372.61	372.61	0.00	PERIOD	ALL	00043848

462481.24000	3772410.92000	3.7738470e-05	372.49	372.49	0.00	PERIOD	ALL	00043848
462490.30000	3772407.13000	3.7966330e-05	372.36	372.36	0.00	PERIOD	ALL	00043848
462499.36000	3772403.34000	3.8190490e-05	372.23	372.23	0.00	PERIOD	ALL	00043848
462508.42000	3772399.54000	3.8410340e-05	372.11	372.11	0.00	PERIOD	ALL	00043848
462517.48000	3772395.75000	3.8626570e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462526.54000	3772391.96000	3.8839920e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462535.59000	3772388.16000	3.9048450e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462544.65000	3772384.37000	3.9253650e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462553.71000	3772380.58000	3.9453640e-05	371.93	371.93	0.00	PERIOD	ALL	00043848
462562.77000	3772376.78000	3.9646770e-05	371.71	371.71	0.00	PERIOD	ALL	00043848
462571.83000	3772372.99000	3.9834690e-05	371.42	371.42	0.00	PERIOD	ALL	00043848
462580.89000	3772369.20000	4.0016650e-05	371.10	371.10	0.00	PERIOD	ALL	00043848
462589.95000	3772365.40000	4.0197260e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462599.01000	3772361.61000	4.0376330e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462608.07000	3772357.82000	4.0550770e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462626.19000	3772350.23000	4.0885650e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462635.25000	3772346.44000	4.1046470e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462644.30000	3772342.64000	4.1201950e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462653.36000	3772338.85000	4.1353890e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462662.42000	3772335.06000	4.1500340e-05	370.96	370.96	0.00	PERIOD	ALL	00043848
462671.48000	3772331.26000	4.1637970e-05	370.78	370.78	0.00	PERIOD	ALL	00043848
462680.54000	3772327.47000	4.1766330e-05	370.45	370.45	0.00	PERIOD	ALL	00043848
462689.60000	3772323.68000	4.1891780e-05	370.19	370.19	0.00	PERIOD	ALL	00043848
462698.66000	3772319.88000	4.2015500e-05	370.01	370.01	0.00	PERIOD	ALL	00043848
462707.72000	3772316.09000	4.2143510e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462716.78000	3772312.30000	4.2268700e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462725.84000	3772308.50000	4.2390440e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462734.90000	3772304.71000	4.2509740e-05	369.99	369.99	0.00	PERIOD	ALL	00043848
462743.95000	3772300.92000	4.2623180e-05	369.91	369.91	0.00	PERIOD	ALL	00043848
462753.01000	3772297.12000	4.2731360e-05	369.76	369.76	0.00	PERIOD	ALL	00043848
462762.07000	3772293.33000	4.2836560e-05	369.57	369.57	0.00	PERIOD	ALL	00043848
462771.13000	3772289.54000	4.2943190e-05	369.44	369.44	0.00	PERIOD	ALL	00043848
462780.19000	3772285.74000	4.3048360e-05	369.31	369.31	0.00	PERIOD	ALL	00043848
462789.25000	3772281.95000	4.3153850e-05	369.19	369.19	0.00	PERIOD	ALL	00043848
462798.31000	3772278.16000	4.3258860e-05	369.06	369.06	0.00	PERIOD	ALL	00043848
462807.37000	3772274.36000	4.3366610e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462816.43000	3772270.57000	4.3478450e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462825.49000	3772266.78000	4.3591200e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462834.55000	3772262.98000	4.3704600e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462843.61000	3772259.19000	4.3820190e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462852.66000	3772255.40000	4.3934340e-05	368.93	368.93	0.00	PERIOD	ALL	00043848
462861.72000	3772251.60000	4.4041670e-05	368.67	368.67	0.00	PERIOD	ALL	00043848
462870.78000	3772247.81000	4.4148160e-05	368.33	368.33	0.00	PERIOD	ALL	00043848
462879.84000	3772244.02000	4.4257710e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462888.90000	3772240.22000	4.4386220e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462897.96000	3772236.43000	4.4519040e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462907.02000	3772232.64000	4.4655800e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
461998.04000	3773157.25000	2.8454120e-05	384.36	384.36	0.00	PERIOD	ALL	00043848
461998.13000	3773167.20000	2.8425530e-05	384.70	384.70	0.00	PERIOD	ALL	00043848
461998.22000	3773177.16000	2.8399600e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
461998.31000	3773187.11000	2.8409760e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
461998.40000	3773197.07000	2.8416770e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
461998.49000	3773207.02000	2.8417760e-05	385.02	385.02	0.00	PERIOD	ALL	00043848
461998.58000	3773216.98000	2.8374150e-05	385.35	385.35	0.00	PERIOD	ALL	00043848
461998.68000	3773226.93000	2.8327590e-05	385.69	385.69	0.00	PERIOD	ALL	00043848
461998.77000	3773236.89000	2.8281650e-05	386.01	386.01	0.00	PERIOD	ALL	00043848
461998.86000	3773246.84000	2.8257110e-05	386.13	386.13	0.00	PERIOD	ALL	00043848
461961.74000	3773148.50000	2.7081600e-05	384.07	384.07	0.00	PERIOD	ALL	00043848
461965.44000	3773139.38000	2.7211030e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
461969.13000	3773130.26000	2.7329570e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
461976.53000	3773112.03000	2.7577230e-05	383.86	383.86	0.00	PERIOD	ALL	00043848
461980.23000	3773102.91000	2.7716460e-05	383.55	383.55	0.00	PERIOD	ALL	00043848
461983.92000	3773093.80000	2.7852330e-05	383.25	383.25	0.00	PERIOD	ALL	00043848
461987.62000	3773084.68000	2.7981950e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
461991.32000	3773075.56000	2.8089750e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
461995.02000	3773066.45000	2.8195520e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
461998.72000	3773057.33000	2.8299140e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
462002.41000	3773048.21000	2.8420780e-05	382.73	382.73	0.00	PERIOD	ALL	00043848
462006.11000	3773039.09000	2.8542850e-05	382.43	382.43	0.00	PERIOD	ALL	00043848
462009.81000	3773029.98000	2.8662660e-05	382.12	382.12	0.00	PERIOD	ALL	00043848
462020.90000	3773002.63000	2.8947820e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
462024.60000	3772993.51000	2.9041610e-05	381.91	381.91	0.00	PERIOD	ALL	00043848
462028.30000	3772984.39000	2.9146780e-05	381.60	381.60	0.00	PERIOD	ALL	00043848
462032.00000	3772975.27000	2.9248840e-05	381.30	381.30	0.00	PERIOD	ALL	00043848
462035.69000	3772966.16000	2.9347890e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462039.39000	3772957.04000	2.9425410e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462043.09000	3772947.92000	2.9500320e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462046.79000	3772938.81000	2.9572660e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462057.88000	3772911.46000	2.9804110e-05	380.50	380.50	0.00	PERIOD	ALL	00043848
462061.58000	3772902.34000	2.9882310e-05	380.23	380.23	0.00	PERIOD	ALL	00043848
462065.28000	3772893.22000	2.9950240e-05	380.08	380.08	0.00	PERIOD	ALL	00043848
462068.97000	3772884.10000	3.0010100e-05	380.01	380.01	0.00	PERIOD	ALL	00043848

462087.46000	3772838.52000	3.0263580e-05	379.74	379.74	0.00	PERIOD	ALL	00043848
462091.16000	3772829.40000	3.0319540e-05	379.44	379.44	0.00	PERIOD	ALL	00043848
462094.86000	3772820.29000	3.0373430e-05	379.13	379.13	0.00	PERIOD	ALL	00043848
462098.56000	3772811.17000	3.0413930e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462102.26000	3772802.05000	3.0444710e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462105.95000	3772792.93000	3.0472170e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462109.65000	3772783.82000	3.0501430e-05	378.92	378.92	0.00	PERIOD	ALL	00043848
462113.35000	3772774.70000	3.0538410e-05	378.61	378.61	0.00	PERIOD	ALL	00043848
462117.05000	3772765.58000	3.0571700e-05	378.31	378.31	0.00	PERIOD	ALL	00043848
462120.74000	3772756.47000	3.0601870e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462124.44000	3772747.35000	3.0615920e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462128.14000	3772738.23000	3.0627230e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462131.84000	3772729.12000	3.0636020e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462135.54000	3772720.00000	3.0650150e-05	377.79	377.79	0.00	PERIOD	ALL	00043848
462139.23000	3772710.88000	3.0664440e-05	377.48	377.48	0.00	PERIOD	ALL	00043848
462142.93000	3772701.76000	3.0675920e-05	377.18	377.18	0.00	PERIOD	ALL	00043848
462146.63000	3772692.65000	3.0680100e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462150.33000	3772683.53000	3.0675290e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462154.02000	3772674.41000	3.0667450e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462157.72000	3772665.30000	3.0658430e-05	376.97	376.97	0.00	PERIOD	ALL	00043848
462161.42000	3772656.18000	3.0655710e-05	376.66	376.66	0.00	PERIOD	ALL	00043848
462165.12000	3772647.06000	3.0650140e-05	376.36	376.36	0.00	PERIOD	ALL	00043848
462168.82000	3772637.95000	3.0641800e-05	376.05	376.05	0.00	PERIOD	ALL	00043848
462172.51000	3772628.83000	3.0622220e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462176.21000	3772619.71000	3.0599030e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462179.91000	3772610.59000	3.0573210e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462183.61000	3772601.48000	3.0548800e-05	375.84	375.84	0.00	PERIOD	ALL	00043848
462187.31000	3772592.36000	3.0524400e-05	375.53	375.53	0.00	PERIOD	ALL	00043848
462191.00000	3772583.24000	3.0496810e-05	375.23	375.23	0.00	PERIOD	ALL	00043848
462194.70000	3772574.13000	3.0465390e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462198.40000	3772565.01000	3.0426790e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462227.98000	3772492.07000	3.0040810e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462231.68000	3772482.96000	2.9981280e-05	373.89	373.89	0.00	PERIOD	ALL	00043848
462244.45000	3772470.04000	3.0161270e-05	373.46	373.46	0.00	PERIOD	ALL	00043848
462298.90000	3772447.24000	3.1613450e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462307.98000	3772443.44000	3.1855190e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462317.05000	3772439.64000	3.2095940e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462326.13000	3772435.84000	3.2336360e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462335.20000	3772432.04000	3.2575630e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462344.28000	3772428.24000	3.2814060e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462353.35000	3772424.44000	3.3050980e-05	372.94	372.94	0.00	PERIOD	ALL	00043848
462362.43000	3772420.64000	3.3286600e-05	372.81	372.81	0.00	PERIOD	ALL	00043848
462371.50000	3772416.84000	3.3520260e-05	372.68	372.68	0.00	PERIOD	ALL	00043848
462380.58000	3772413.04000	3.3752560e-05	372.56	372.56	0.00	PERIOD	ALL	00043848
462389.65000	3772409.24000	3.3982630e-05	372.43	372.43	0.00	PERIOD	ALL	00043848
462398.73000	3772405.44000	3.4211080e-05	372.30	372.30	0.00	PERIOD	ALL	00043848
462407.80000	3772401.64000	3.4436970e-05	372.18	372.18	0.00	PERIOD	ALL	00043848
462416.88000	3772397.84000	3.4660550e-05	372.05	372.05	0.00	PERIOD	ALL	00043848
462425.95000	3772394.04000	3.4881930e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462435.03000	3772390.24000	3.5101610e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462444.10000	3772386.44000	3.5318300e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462453.17000	3772382.64000	3.5532070e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462462.25000	3772378.84000	3.5743360e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462471.32000	3772375.04000	3.5951160e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462480.40000	3772371.24000	3.6156250e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462489.47000	3772367.44000	3.6357750e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462498.55000	3772363.64000	3.6555050e-05	371.91	371.91	0.00	PERIOD	ALL	00043848
462507.62000	3772359.84000	3.6748080e-05	371.78	371.78	0.00	PERIOD	ALL	00043848
462516.70000	3772356.04000	3.6938030e-05	371.66	371.66	0.00	PERIOD	ALL	00043848
462525.77000	3772352.24000	3.7123780e-05	371.53	371.53	0.00	PERIOD	ALL	00043848
462534.85000	3772348.44000	3.7306190e-05	371.40	371.40	0.00	PERIOD	ALL	00043848
462543.92000	3772344.64000	3.7484530e-05	371.28	371.28	0.00	PERIOD	ALL	00043848
462553.00000	3772340.84000	3.7658620e-05	371.13	371.13	0.00	PERIOD	ALL	00043848
462562.07000	3772337.04000	3.7828470e-05	371.01	371.01	0.00	PERIOD	ALL	00043848
462571.15000	3772333.24000	3.7997110e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462580.22000	3772329.44000	3.8161610e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462589.30000	3772325.64000	3.8319570e-05	370.89	370.89	0.00	PERIOD	ALL	00043848
462598.37000	3772321.84000	3.8470770e-05	370.70	370.70	0.00	PERIOD	ALL	00043848
462607.45000	3772318.04000	3.8615260e-05	370.43	370.43	0.00	PERIOD	ALL	00043848
462625.60000	3772310.44000	3.8898370e-05	370.14	370.14	0.00	PERIOD	ALL	00043848
462634.67000	3772306.64000	3.9033980e-05	370.01	370.01	0.00	PERIOD	ALL	00043848
462643.75000	3772302.84000	3.9170480e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462652.82000	3772299.04000	3.9303410e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462661.90000	3772295.24000	3.9432890e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462670.97000	3772291.44000	3.9558460e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462680.05000	3772287.64000	3.9680880e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462689.12000	3772283.84000	3.9799820e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462698.20000	3772280.04000	3.9915850e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462707.27000	3772276.24000	4.0028690e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
462716.35000	3772272.44000	4.0134090e-05	369.87	369.87	0.00	PERIOD	ALL	00043848
462725.42000	3772268.64000	4.0236750e-05	369.74	369.74	0.00	PERIOD	ALL	00043848
462734.50000	3772264.84000	4.0333730e-05	369.52	369.52	0.00	PERIOD	ALL	00043848

462743.57000	3772261.04000	4.0426910e-05	369.26	369.26	0.00	PERIOD	ALL	00043848
462752.65000	3772257.24000	4.0521890e-05	369.08	369.08	0.00	PERIOD	ALL	00043848
462761.72000	3772253.44000	4.0619490e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462770.80000	3772249.64000	4.0719870e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462779.87000	3772245.84000	4.0818410e-05	368.98	368.98	0.00	PERIOD	ALL	00043848
462788.95000	3772242.04000	4.0912550e-05	368.86	368.86	0.00	PERIOD	ALL	00043848
462798.02000	3772238.24000	4.1005820e-05	368.73	368.73	0.00	PERIOD	ALL	00043848
462807.10000	3772234.44000	4.1099550e-05	368.60	368.60	0.00	PERIOD	ALL	00043848
462816.17000	3772230.64000	4.1193850e-05	368.48	368.48	0.00	PERIOD	ALL	00043848
462825.25000	3772226.84000	4.1288620e-05	368.35	368.35	0.00	PERIOD	ALL	00043848
462834.32000	3772223.04000	4.1384220e-05	368.22	368.22	0.00	PERIOD	ALL	00043848
462843.40000	3772219.24000	4.1481800e-05	368.10	368.10	0.00	PERIOD	ALL	00043848
462852.47000	3772215.44000	4.1581350e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462861.55000	3772211.64000	4.1687720e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462870.62000	3772207.84000	4.1795630e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462879.70000	3772204.04000	4.1906220e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462888.77000	3772200.24000	4.2011670e-05	367.84	367.84	0.00	PERIOD	ALL	00043848
462897.85000	3772196.44000	4.2116450e-05	367.60	367.60	0.00	PERIOD	ALL	00043848
462906.92000	3772192.64000	4.2219790e-05	367.28	367.28	0.00	PERIOD	ALL	00043848
461958.04000	3773157.62000	2.6919380e-05	384.38	384.38	0.00	PERIOD	ALL	00043848
461958.13000	3773167.57000	2.6892540e-05	384.71	384.71	0.00	PERIOD	ALL	00043848
461958.22000	3773177.53000	2.6868450e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
461958.31000	3773187.48000	2.6877460e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
461958.40000	3773197.44000	2.6883650e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
461958.50000	3773207.39000	2.6882360e-05	385.04	385.04	0.00	PERIOD	ALL	00043848
461958.59000	3773217.35000	2.6841300e-05	385.37	385.37	0.00	PERIOD	ALL	00043848
461958.68000	3773227.30000	2.6798600e-05	385.70	385.70	0.00	PERIOD	ALL	00043848
461958.77000	3773237.26000	2.6754420e-05	386.03	386.03	0.00	PERIOD	ALL	00043848
461958.86000	3773247.21000	2.6706950e-05	386.36	386.36	0.00	PERIOD	ALL	00043848
461921.75000	3773148.85000	2.5669690e-05	384.08	384.08	0.00	PERIOD	ALL	00043848
461925.45000	3773139.72000	2.5790080e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
461929.15000	3773130.59000	2.5899340e-05	384.00	384.00	0.00	PERIOD	ALL	00043848
461936.56000	3773112.32000	2.6127270e-05	383.87	383.87	0.00	PERIOD	ALL	00043848
461940.26000	3773103.19000	2.6256200e-05	383.56	383.56	0.00	PERIOD	ALL	00043848
461943.97000	3773094.06000	2.6382870e-05	383.26	383.26	0.00	PERIOD	ALL	00043848
461947.67000	3773084.93000	2.6503690e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
461951.38000	3773075.80000	2.6603660e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
461955.08000	3773066.66000	2.6701320e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
461958.78000	3773057.53000	2.6797180e-05	383.00	383.00	0.00	PERIOD	ALL	00043848
461962.49000	3773048.40000	2.6910430e-05	382.74	382.74	0.00	PERIOD	ALL	00043848
461966.19000	3773039.27000	2.7024800e-05	382.43	382.43	0.00	PERIOD	ALL	00043848
461969.89000	3773030.14000	2.7135840e-05	382.13	382.13	0.00	PERIOD	ALL	00043848
461981.01000	3773002.74000	2.7403320e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
461984.71000	3772993.61000	2.7491090e-05	381.91	381.91	0.00	PERIOD	ALL	00043848
461988.41000	3772984.48000	2.7589970e-05	381.60	381.60	0.00	PERIOD	ALL	00043848
461992.12000	3772975.35000	2.7686390e-05	381.30	381.30	0.00	PERIOD	ALL	00043848
461995.82000	3772966.22000	2.7780100e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
461999.52000	3772957.09000	2.7853080e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462003.23000	3772947.95000	2.7924070e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462006.93000	3772938.82000	2.7992540e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462010.64000	3772929.69000	2.8059000e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462014.34000	3772920.56000	2.8122780e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462018.04000	3772911.43000	2.8184000e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
462021.75000	3772902.30000	2.8251230e-05	380.87	380.87	0.00	PERIOD	ALL	00043848
462025.45000	3772893.16000	2.8326020e-05	380.56	380.56	0.00	PERIOD	ALL	00043848
462029.15000	3772884.03000	2.8398050e-05	380.26	380.26	0.00	PERIOD	ALL	00043848
462032.86000	3772874.90000	2.8465270e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
462047.67000	3772838.37000	2.8662540e-05	379.73	379.73	0.00	PERIOD	ALL	00043848
462051.38000	3772829.24000	2.8718350e-05	379.43	379.43	0.00	PERIOD	ALL	00043848
462055.08000	3772820.11000	2.8771230e-05	379.13	379.13	0.00	PERIOD	ALL	00043848
462058.78000	3772810.98000	2.8812250e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462062.49000	3772801.85000	2.8844470e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462066.19000	3772792.72000	2.8873800e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
462069.90000	3772783.58000	2.8905270e-05	378.91	378.91	0.00	PERIOD	ALL	00043848
462073.60000	3772774.45000	2.8943440e-05	378.60	378.60	0.00	PERIOD	ALL	00043848
462077.30000	3772765.32000	2.8978580e-05	378.30	378.30	0.00	PERIOD	ALL	00043848
462081.01000	3772756.19000	2.9010940e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462084.71000	3772747.06000	2.9027980e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462088.41000	3772737.93000	2.9042430e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462092.12000	3772728.79000	2.9054710e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462095.82000	3772719.66000	2.9071560e-05	377.81	377.81	0.00	PERIOD	ALL	00043848
462099.53000	3772710.53000	2.9090950e-05	377.48	377.48	0.00	PERIOD	ALL	00043848
462103.23000	3772701.40000	2.9106590e-05	377.17	377.17	0.00	PERIOD	ALL	00043848
462106.93000	3772692.27000	2.9114610e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462110.64000	3772683.14000	2.9115100e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462114.34000	3772674.00000	2.9112690e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
462118.04000	3772664.87000	2.9108970e-05	376.97	376.97	0.00	PERIOD	ALL	00043848
462121.75000	3772655.74000	2.9109330e-05	376.74	376.74	0.00	PERIOD	ALL	00043848
462125.45000	3772646.61000	2.9109640e-05	376.43	376.43	0.00	PERIOD	ALL	00043848
462129.16000	3772637.48000	2.9109650e-05	376.05	376.05	0.00	PERIOD	ALL	00043848
462132.86000	3772628.35000	2.9096990e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462136.56000	3772619.22000	2.9080610e-05	376.00	376.00	0.00	PERIOD	ALL	00043848

462140.27000	3772610.08000	2.9062080e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
462143.97000	3772600.95000	2.9045110e-05	375.82	375.82	0.00	PERIOD	ALL	00043848
462147.67000	3772591.82000	2.9027940e-05	375.52	375.52	0.00	PERIOD	ALL	00043848
462151.38000	3772582.69000	2.9008860e-05	375.21	375.21	0.00	PERIOD	ALL	00043848
462155.08000	3772573.56000	2.8984820e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462158.79000	3772564.43000	2.8954960e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462162.49000	3772555.29000	2.8922260e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
462166.19000	3772546.16000	2.8887650e-05	374.99	374.99	0.00	PERIOD	ALL	00043848
462169.90000	3772537.03000	2.8855270e-05	374.69	374.69	0.00	PERIOD	ALL	00043848
462173.60000	3772527.90000	2.8819550e-05	374.39	374.39	0.00	PERIOD	ALL	00043848
462177.30000	3772518.77000	2.8781480e-05	374.08	374.08	0.00	PERIOD	ALL	00043848
462181.01000	3772509.64000	2.8739060e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462184.71000	3772500.50000	2.8693080e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462188.42000	3772491.37000	2.8645420e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
462192.12000	3772482.24000	2.8596690e-05	373.86	373.86	0.00	PERIOD	ALL	00043848
462195.82000	3772473.11000	2.8546340e-05	373.56	373.56	0.00	PERIOD	ALL	00043848
462225.11000	3772438.10000	2.8819620e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462234.20000	3772434.30000	2.9040900e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462243.29000	3772430.49000	2.9262180e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462252.38000	3772426.68000	2.9483610e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
462261.47000	3772422.88000	2.9705120e-05	372.88	372.88	0.00	PERIOD	ALL	00043848
462270.56000	3772419.07000	2.9926090e-05	372.76	372.76	0.00	PERIOD	ALL	00043848
462279.65000	3772415.27000	3.0146940e-05	372.63	372.63	0.00	PERIOD	ALL	00043848
462288.74000	3772411.46000	3.0367120e-05	372.50	372.50	0.00	PERIOD	ALL	00043848
462297.83000	3772407.65000	3.0586660e-05	372.38	372.38	0.00	PERIOD	ALL	00043848
462306.92000	3772403.85000	3.0805810e-05	372.25	372.25	0.00	PERIOD	ALL	00043848
462316.01000	3772400.04000	3.1023430e-05	372.12	372.12	0.00	PERIOD	ALL	00043848
462325.10000	3772396.24000	3.1240200e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462334.19000	3772392.43000	3.1456360e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462343.28000	3772388.62000	3.1671340e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462352.37000	3772384.82000	3.1885090e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462361.46000	3772381.01000	3.2097060e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462370.54000	3772377.21000	3.2307370e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462379.63000	3772373.40000	3.2515820e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462388.72000	3772369.59000	3.2722380e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
462397.81000	3772365.79000	3.2926930e-05	371.98	371.98	0.00	PERIOD	ALL	00043848
462406.90000	3772361.98000	3.3127910e-05	371.85	371.85	0.00	PERIOD	ALL	00043848
462415.99000	3772358.18000	3.3326950e-05	371.73	371.73	0.00	PERIOD	ALL	00043848
462425.08000	3772354.37000	3.3523080e-05	371.60	371.60	0.00	PERIOD	ALL	00043848
462434.17000	3772350.56000	3.3716730e-05	371.47	371.47	0.00	PERIOD	ALL	00043848
462443.26000	3772346.76000	3.3908050e-05	371.35	371.35	0.00	PERIOD	ALL	00043848
462452.35000	3772342.95000	3.4096180e-05	371.22	371.22	0.00	PERIOD	ALL	00043848
462461.44000	3772339.14000	3.4281180e-05	371.09	371.09	0.00	PERIOD	ALL	00043848
462470.53000	3772335.34000	3.4464040e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462479.62000	3772331.53000	3.4645250e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462488.71000	3772327.73000	3.4823890e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462497.80000	3772323.92000	3.4998970e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462506.89000	3772320.11000	3.5170880e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462515.98000	3772316.31000	3.5339890e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462525.07000	3772312.50000	3.5505190e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462534.15000	3772308.70000	3.5667190e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
462543.24000	3772304.89000	3.5824430e-05	370.95	370.95	0.00	PERIOD	ALL	00043848
462552.33000	3772301.08000	3.5976370e-05	370.82	370.82	0.00	PERIOD	ALL	00043848
462561.42000	3772297.28000	3.6125260e-05	370.70	370.70	0.00	PERIOD	ALL	00043848
462570.51000	3772293.47000	3.6269740e-05	370.57	370.57	0.00	PERIOD	ALL	00043848
462579.60000	3772289.67000	3.6410810e-05	370.44	370.44	0.00	PERIOD	ALL	00043848
462588.69000	3772285.86000	3.6544810e-05	370.22	370.22	0.00	PERIOD	ALL	00043848
462597.78000	3772282.05000	3.6677220e-05	370.08	370.08	0.00	PERIOD	ALL	00043848
462606.87000	3772278.25000	3.6808900e-05	370.01	370.01	0.00	PERIOD	ALL	00043848
462625.05000	3772270.64000	3.7058640e-05	369.81	369.81	0.00	PERIOD	ALL	00043848
462634.14000	3772266.83000	3.7177000e-05	369.68	369.68	0.00	PERIOD	ALL	00043848
462643.23000	3772263.02000	3.7292030e-05	369.56	369.56	0.00	PERIOD	ALL	00043848
462652.32000	3772259.22000	3.7403970e-05	369.43	369.43	0.00	PERIOD	ALL	00043848
462661.41000	3772255.41000	3.7512150e-05	369.30	369.30	0.00	PERIOD	ALL	00043848
462670.50000	3772251.61000	3.7617920e-05	369.18	369.18	0.00	PERIOD	ALL	00043848
462679.59000	3772247.80000	3.7719980e-05	369.05	369.05	0.00	PERIOD	ALL	00043848
462688.68000	3772243.99000	3.7822210e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462697.76000	3772240.19000	3.7924080e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462706.85000	3772236.38000	3.8023190e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462715.94000	3772232.58000	3.8120590e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462725.03000	3772228.77000	3.8215500e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
462734.12000	3772224.96000	3.8304220e-05	368.89	368.89	0.00	PERIOD	ALL	00043848
462743.21000	3772221.16000	3.8385650e-05	368.62	368.62	0.00	PERIOD	ALL	00043848
462752.30000	3772217.35000	3.8461600e-05	368.27	368.27	0.00	PERIOD	ALL	00043848
462761.39000	3772213.55000	3.8539870e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462770.48000	3772209.74000	3.8628330e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462779.57000	3772205.93000	3.8715960e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462788.66000	3772202.13000	3.8803770e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462797.75000	3772198.32000	3.8890890e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462806.84000	3772194.51000	3.8978020e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462815.93000	3772190.71000	3.9065960e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
462825.02000	3772186.90000	3.9153790e-05	368.00	368.00	0.00	PERIOD	ALL	00043848

462834.11000	3772183.10000	3.9238320e-05	367.89	367.89	0.00	PERIOD	ALL	00043848
462843.20000	3772179.29000	3.9322720e-05	367.77	367.77	0.00	PERIOD	ALL	00043848
462852.29000	3772175.48000	3.9407700e-05	367.64	367.64	0.00	PERIOD	ALL	00043848
462861.38000	3772171.68000	3.9494320e-05	367.51	367.51	0.00	PERIOD	ALL	00043848
462870.46000	3772167.87000	3.9581410e-05	367.38	367.38	0.00	PERIOD	ALL	00043848
462879.55000	3772164.07000	3.9671280e-05	367.26	367.26	0.00	PERIOD	ALL	00043848
462888.64000	3772160.26000	3.9760050e-05	367.09	367.09	0.00	PERIOD	ALL	00043848
462897.73000	3772156.45000	3.9854080e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
462906.82000	3772152.65000	3.9954540e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
461918.04000	3773157.98000	2.5519150e-05	384.39	384.39	0.00	PERIOD	ALL	00043848
461918.13000	3773167.94000	2.5492920e-05	384.72	384.72	0.00	PERIOD	ALL	00043848
461918.22000	3773177.89000	2.5470520e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
461918.31000	3773187.85000	2.5478580e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
461918.41000	3773197.80000	2.5484480e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
461918.50000	3773207.76000	2.5481610e-05	385.05	385.05	0.00	PERIOD	ALL	00043848
461918.59000	3773217.71000	2.5442670e-05	385.38	385.38	0.00	PERIOD	ALL	00043848
461918.68000	3773227.67000	2.5402430e-05	385.71	385.71	0.00	PERIOD	ALL	00043848
461918.77000	3773237.62000	2.5361100e-05	386.04	386.04	0.00	PERIOD	ALL	00043848
461918.86000	3773247.58000	2.5316730e-05	386.37	386.37	0.00	PERIOD	ALL	00043848
462917.50000	3773287.81000	5.7821670e-04	383.72	383.72	0.00	PERIOD	ALL	00043848
462909.06000	3773284.33000	5.4959420e-04	383.60	383.60	0.00	PERIOD	ALL	00043848
462900.61000	3773280.86000	5.2138780e-04	383.48	383.48	0.00	PERIOD	ALL	00043848
462917.50000	3773297.81000	5.3574560e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462909.06000	3773294.33000	5.1231710e-04	383.93	383.93	0.00	PERIOD	ALL	00043848
462900.61000	3773290.86000	4.8885280e-04	383.82	383.82	0.00	PERIOD	ALL	00043848
462892.16000	3773287.38000	4.6570230e-04	383.70	383.70	0.00	PERIOD	ALL	00043848
462883.12000	3773282.50000	4.4425220e-04	383.54	383.54	0.00	PERIOD	ALL	00043848
462917.50000	3773307.81000	4.9764740e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462909.06000	3773304.33000	4.7821770e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462900.61000	3773300.86000	4.5842440e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462892.16000	3773297.38000	4.3864090e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462883.72000	3773293.91000	4.1936220e-04	383.92	383.92	0.00	PERIOD	ALL	00043848
462875.49000	3773288.21000	4.0554210e-04	383.77	383.77	0.00	PERIOD	ALL	00043848
462871.94000	3773279.79000	4.1087090e-04	383.59	383.59	0.00	PERIOD	ALL	00043848
462917.50000	3773317.81000	4.6270740e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462909.06000	3773314.33000	4.4686440e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462900.61000	3773310.86000	4.3044450e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462892.16000	3773307.38000	4.1378940e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462883.72000	3773303.91000	3.9708870e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462875.27000	3773300.43000	3.8043560e-04	384.02	384.02	0.00	PERIOD	ALL	00043848
462867.86000	3773293.91000	3.7228590e-04	383.95	383.95	0.00	PERIOD	ALL	00043848
462864.31000	3773285.49000	3.7689950e-04	383.82	383.82	0.00	PERIOD	ALL	00043848
462917.50000	3773327.81000	4.3063970e-04	384.05	384.05	0.00	PERIOD	ALL	00043848
462909.06000	3773324.33000	4.1792600e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462900.61000	3773320.86000	4.0432410e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462892.16000	3773317.38000	3.9033130e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462883.72000	3773313.91000	3.7611640e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462875.27000	3773310.43000	3.6160960e-04	384.07	384.07	0.00	PERIOD	ALL	00043848
462866.82000	3773306.95000	3.4717390e-04	384.15	384.15	0.00	PERIOD	ALL	00043848
462860.23000	3773299.61000	3.4338960e-04	384.07	384.07	0.00	PERIOD	ALL	00043848
462856.09000	3773289.79000	3.4809670e-04	383.95	383.95	0.00	PERIOD	ALL	00043848
462851.94000	3773279.97000	3.5108710e-04	383.96	383.96	0.00	PERIOD	ALL	00043848
462917.47000	3773337.80000	4.0051150e-04	384.38	384.38	0.00	PERIOD	ALL	00043848
462908.83000	3773334.24000	3.9014510e-04	384.26	384.26	0.00	PERIOD	ALL	00043848
462900.19000	3773330.69000	3.7899560e-04	384.15	384.15	0.00	PERIOD	ALL	00043848
462891.56000	3773327.13000	3.6738970e-04	384.03	384.03	0.00	PERIOD	ALL	00043848
462882.92000	3773323.58000	3.5509150e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462874.28000	3773320.02000	3.4211430e-04	384.14	384.14	0.00	PERIOD	ALL	00043848
462865.64000	3773316.47000	3.2903290e-04	384.31	384.31	0.00	PERIOD	ALL	00043848
462857.00000	3773312.91000	3.1624750e-04	384.42	384.42	0.00	PERIOD	ALL	00043848
462851.93000	3773303.71000	3.1871050e-04	384.23	384.23	0.00	PERIOD	ALL	00043848
462848.29000	3773295.11000	3.2258310e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462844.66000	3773286.50000	3.2501480e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462917.47000	3773347.80000	3.7337770e-04	384.72	384.72	0.00	PERIOD	ALL	00043848
462908.85000	3773344.25000	3.6494790e-04	384.60	384.60	0.00	PERIOD	ALL	00043848
462900.24000	3773340.70000	3.5582240e-04	384.48	384.48	0.00	PERIOD	ALL	00043848
462891.62000	3773337.16000	3.4609220e-04	384.36	384.36	0.00	PERIOD	ALL	00043848
462883.00000	3773333.61000	3.3596110e-04	384.24	384.24	0.00	PERIOD	ALL	00043848
462874.38000	3773330.06000	3.2510280e-04	384.28	384.28	0.00	PERIOD	ALL	00043848
462865.76000	3773326.52000	3.1370530e-04	384.47	384.47	0.00	PERIOD	ALL	00043848
462857.14000	3773322.97000	3.0231130e-04	384.67	384.67	0.00	PERIOD	ALL	00043848
462847.92000	3773317.99000	2.9200600e-04	384.72	384.72	0.00	PERIOD	ALL	00043848
462844.29000	3773309.41000	2.9615870e-04	384.44	384.44	0.00	PERIOD	ALL	00043848
462840.67000	3773300.82000	2.9976740e-04	384.15	384.15	0.00	PERIOD	ALL	00043848
462837.04000	3773292.23000	3.0232520e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462833.42000	3773283.65000	3.0375220e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462917.48000	3773367.80000	3.2786150e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462908.89000	3773364.27000	3.2191050e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462900.30000	3773360.73000	3.1535290e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462891.71000	3773357.20000	3.0824510e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462883.12000	3773353.66000	3.0091440e-04	384.91	384.91	0.00	PERIOD	ALL	00043848
462874.53000	3773350.13000	2.9319520e-04	384.83	384.83	0.00	PERIOD	ALL	00043848

462865.94000	3773346.59000	2.8508010e-04	384.82	384.82	0.00	PERIOD	ALL	00043848
462857.35000	3773343.06000	2.7661740e-04	384.89	384.89	0.00	PERIOD	ALL	00043848
462848.76000	3773339.52000	2.6800630e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462840.17000	3773335.99000	2.5957720e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462832.64000	3773329.35000	2.5551760e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462829.03000	3773320.79000	2.5860300e-04	384.82	384.82	0.00	PERIOD	ALL	00043848
462825.41000	3773312.24000	2.6143240e-04	384.53	384.53	0.00	PERIOD	ALL	00043848
462821.80000	3773303.68000	2.6381240e-04	384.24	384.24	0.00	PERIOD	ALL	00043848
462818.19000	3773295.12000	2.6556700e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462814.57000	3773286.57000	2.6620850e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462917.48000	3773387.80000	2.9104450e-04	385.05	385.05	0.00	PERIOD	ALL	00043848
462908.91000	3773384.28000	2.8700570e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462900.34000	3773380.75000	2.8236630e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462891.78000	3773377.22000	2.7727500e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462883.21000	3773373.70000	2.7175310e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462874.64000	3773370.17000	2.6575550e-04	385.08	385.08	0.00	PERIOD	ALL	00043848
462866.07000	3773366.64000	2.5948430e-04	385.16	385.16	0.00	PERIOD	ALL	00043848
462857.50000	3773363.12000	2.5310860e-04	385.17	385.17	0.00	PERIOD	ALL	00043848
462848.93000	3773359.59000	2.4669890e-04	385.11	385.11	0.00	PERIOD	ALL	00043848
462840.36000	3773356.06000	2.4025560e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462831.79000	3773352.54000	2.3355630e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462823.22000	3773349.01000	2.2684890e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462817.36000	3773340.72000	2.2668060e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462813.76000	3773332.19000	2.2886390e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462810.16000	3773323.65000	2.3084900e-04	384.91	384.91	0.00	PERIOD	ALL	00043848
462806.55000	3773315.11000	2.3276590e-04	384.63	384.63	0.00	PERIOD	ALL	00043848
462802.95000	3773306.58000	2.3432900e-04	384.34	384.34	0.00	PERIOD	ALL	00043848
462799.34000	3773298.04000	2.3546530e-04	384.06	384.06	0.00	PERIOD	ALL	00043848
462795.74000	3773289.51000	2.3577050e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462792.13000	3773280.97000	2.3550510e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462917.48000	3773407.80000	2.5968660e-04	385.72	385.72	0.00	PERIOD	ALL	00043848
462908.93000	3773404.28000	2.5692960e-04	385.60	385.60	0.00	PERIOD	ALL	00043848
462900.38000	3773400.76000	2.5376310e-04	385.48	385.48	0.00	PERIOD	ALL	00043848
462891.82000	3773397.24000	2.5020600e-04	385.36	385.36	0.00	PERIOD	ALL	00043848
462883.27000	3773393.72000	2.4629450e-04	385.25	385.25	0.00	PERIOD	ALL	00043848
462874.72000	3773390.20000	2.4186830e-04	385.27	385.27	0.00	PERIOD	ALL	00043848
462866.16000	3773386.68000	2.3691010e-04	385.46	385.46	0.00	PERIOD	ALL	00043848
462857.61000	3773383.16000	2.3174200e-04	385.66	385.66	0.00	PERIOD	ALL	00043848
462849.06000	3773379.64000	2.2651890e-04	385.78	385.78	0.00	PERIOD	ALL	00043848
462840.50000	3773376.12000	2.2146420e-04	385.66	385.66	0.00	PERIOD	ALL	00043848
462831.95000	3773372.60000	2.1630820e-04	385.54	385.54	0.00	PERIOD	ALL	00043848
462823.40000	3773369.08000	2.1107510e-04	385.42	385.42	0.00	PERIOD	ALL	00043848
462814.84000	3773365.56000	2.0577500e-04	385.31	385.31	0.00	PERIOD	ALL	00043848
462805.69000	3773360.62000	2.0090130e-04	385.14	385.14	0.00	PERIOD	ALL	00043848
462802.09000	3773352.10000	2.0309000e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462798.50000	3773343.58000	2.0486080e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462794.90000	3773335.06000	2.0635460e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462791.30000	3773326.54000	2.0756050e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462787.70000	3773318.02000	2.0891860e-04	384.68	384.68	0.00	PERIOD	ALL	00043848
462784.10000	3773309.50000	2.0998110e-04	384.36	384.36	0.00	PERIOD	ALL	00043848
462780.51000	3773300.98000	2.1063160e-04	384.11	384.11	0.00	PERIOD	ALL	00043848
462776.91000	3773292.46000	2.1071200e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462773.31000	3773283.94000	2.1027010e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462917.47000	3773427.80000	2.3429870e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462908.83000	3773424.24000	2.3208830e-04	386.01	386.01	0.00	PERIOD	ALL	00043848
462900.19000	3773420.69000	2.2949970e-04	386.05	386.05	0.00	PERIOD	ALL	00043848
462891.56000	3773417.13000	2.2670660e-04	386.02	386.02	0.00	PERIOD	ALL	00043848
462882.92000	3773413.58000	2.2370300e-04	385.91	385.91	0.00	PERIOD	ALL	00043848
462874.28000	3773410.02000	2.2040130e-04	385.83	385.83	0.00	PERIOD	ALL	00043848
462865.64000	3773406.47000	2.1676170e-04	385.82	385.82	0.00	PERIOD	ALL	00043848
462857.00000	3773402.91000	2.1282330e-04	385.89	385.89	0.00	PERIOD	ALL	00043848
462848.36000	3773399.36000	2.0864960e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462839.72000	3773395.80000	2.0446180e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462831.09000	3773392.25000	2.0015020e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462822.45000	3773388.69000	1.9574150e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462813.81000	3773385.14000	1.9129930e-04	385.96	385.96	0.00	PERIOD	ALL	00043848
462805.17000	3773381.58000	1.8689900e-04	385.84	385.84	0.00	PERIOD	ALL	00043848
462796.53000	3773378.03000	1.8246580e-04	385.72	385.72	0.00	PERIOD	ALL	00043848
462789.79000	3773370.51000	1.8162700e-04	385.47	385.47	0.00	PERIOD	ALL	00043848
462786.16000	3773361.91000	1.8355300e-04	385.19	385.19	0.00	PERIOD	ALL	00043848
462782.52000	3773353.30000	1.8521480e-04	384.98	384.98	0.00	PERIOD	ALL	00043848
462778.89000	3773344.70000	1.8656590e-04	384.86	384.86	0.00	PERIOD	ALL	00043848
462775.26000	3773336.09000	1.8777200e-04	384.68	384.68	0.00	PERIOD	ALL	00043848
462771.62000	3773327.49000	1.8883410e-04	384.42	384.42	0.00	PERIOD	ALL	00043848
462767.99000	3773318.88000	1.8959970e-04	384.21	384.21	0.00	PERIOD	ALL	00043848
462764.35000	3773310.27000	1.8999940e-04	384.07	384.07	0.00	PERIOD	ALL	00043848
462760.72000	3773301.67000	1.9002160e-04	384.01	384.01	0.00	PERIOD	ALL	00043848
462757.09000	3773293.06000	1.8970120e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462753.45000	3773284.46000	1.8907720e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462917.47000	3773447.80000	2.1331250e-04	386.05	386.05	0.00	PERIOD	ALL	00043848
462908.85000	3773444.25000	2.1166400e-04	386.02	386.02	0.00	PERIOD	ALL	00043848
462900.24000	3773440.70000	2.0947320e-04	386.25	386.25	0.00	PERIOD	ALL	00043848

462891.62000	3773437.16000	2.0706330e-04	386.42	386.42	0.00	PERIOD	ALL	00043848
462883.00000	3773433.61000	2.0448270e-04	386.51	386.51	0.00	PERIOD	ALL	00043848
462874.38000	3773430.06000	2.0193230e-04	386.46	386.46	0.00	PERIOD	ALL	00043848
462865.76000	3773426.52000	1.9925840e-04	386.34	386.34	0.00	PERIOD	ALL	00043848
462857.14000	3773422.97000	1.9635170e-04	386.22	386.22	0.00	PERIOD	ALL	00043848
462848.52000	3773419.42000	1.9327310e-04	386.10	386.10	0.00	PERIOD	ALL	00043848
462839.90000	3773415.88000	1.9001540e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462831.29000	3773412.33000	1.8654080e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462822.67000	3773408.78000	1.8295400e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462814.05000	3773405.24000	1.7927640e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462805.43000	3773401.69000	1.7553970e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462796.81000	3773398.14000	1.7175640e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462788.19000	3773394.59000	1.6794390e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462779.57000	3773391.05000	1.6411420e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462774.51000	3773381.87000	1.6507240e-04	385.85	385.85	0.00	PERIOD	ALL	00043848
462770.89000	3773373.28000	1.6666590e-04	385.56	385.56	0.00	PERIOD	ALL	00043848
462767.26000	3773364.70000	1.6810600e-04	385.28	385.28	0.00	PERIOD	ALL	00043848
462763.63000	3773356.11000	1.6940960e-04	384.99	384.99	0.00	PERIOD	ALL	00043848
462760.01000	3773347.53000	1.7054100e-04	384.71	384.71	0.00	PERIOD	ALL	00043848
462756.38000	3773338.94000	1.7150550e-04	384.42	384.42	0.00	PERIOD	ALL	00043848
462752.76000	3773330.35000	1.7229290e-04	384.13	384.13	0.00	PERIOD	ALL	00043848
462749.13000	3773321.77000	1.7267310e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462745.51000	3773313.18000	1.7269120e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462741.88000	3773304.60000	1.7248020e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462738.25000	3773296.01000	1.7205340e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462734.63000	3773287.42000	1.7141690e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462900.27000	3773460.72000	1.9195770e-04	386.64	386.64	0.00	PERIOD	ALL	00043848
462891.67000	3773457.18000	1.9000300e-04	386.74	386.74	0.00	PERIOD	ALL	00043848
462883.06000	3773453.64000	1.8543980e-04	386.91	386.91	0.00	PERIOD	ALL	00043848
462874.46000	3773450.10000	1.8311480e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462865.86000	3773446.56000	1.8085200e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462857.26000	3773443.02000	1.7870880e-04	386.89	386.89	0.00	PERIOD	ALL	00043848
462848.65000	3773439.48000	1.7864300e-04	386.77	386.77	0.00	PERIOD	ALL	00043848
462840.05000	3773435.94000	1.7620040e-04	386.65	386.65	0.00	PERIOD	ALL	00043848
462831.45000	3773432.40000	1.7358780e-04	386.54	386.54	0.00	PERIOD	ALL	00043848
462822.85000	3773428.86000	1.7083950e-04	386.42	386.42	0.00	PERIOD	ALL	00043848
462814.24000	3773425.32000	1.6794090e-04	386.30	386.30	0.00	PERIOD	ALL	00043848
462805.64000	3773421.77000	1.6495450e-04	386.18	386.18	0.00	PERIOD	ALL	00043848
462797.04000	3773418.23000	1.6189970e-04	386.06	386.06	0.00	PERIOD	ALL	00043848
462788.43000	3773414.69000	1.5874080e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462779.83000	3773411.15000	1.5550530e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462771.23000	3773407.61000	1.5225140e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462762.85000	3773401.81000	1.4995530e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462759.23000	3773393.24000	1.5116590e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462755.62000	3773384.67000	1.5231510e-04	385.94	385.94	0.00	PERIOD	ALL	00043848
462752.00000	3773376.10000	1.5351560e-04	385.66	385.66	0.00	PERIOD	ALL	00043848
462748.38000	3773367.53000	1.5460940e-04	385.37	385.37	0.00	PERIOD	ALL	00043848
462744.76000	3773358.96000	1.5556710e-04	385.09	385.09	0.00	PERIOD	ALL	00043848
462741.14000	3773350.39000	1.5639560e-04	384.80	384.80	0.00	PERIOD	ALL	00043848
462737.52000	3773341.82000	1.5706850e-04	384.52	384.52	0.00	PERIOD	ALL	00043848
462733.90000	3773333.25000	1.5760030e-04	384.23	384.23	0.00	PERIOD	ALL	00043848
462730.28000	3773324.68000	1.5790560e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462726.66000	3773316.11000	1.5771120e-04	384.07	384.07	0.00	PERIOD	ALL	00043848
462723.05000	3773307.53000	1.5741700e-04	384.08	384.08	0.00	PERIOD	ALL	00043848
462719.43000	3773298.96000	1.5700330e-04	384.03	384.03	0.00	PERIOD	ALL	00043848
462715.81000	3773290.39000	1.5639430e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462712.19000	3773281.82000	1.5558360e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462917.48000	3773487.80000	1.7627840e-04	387.28	387.28	0.00	PERIOD	ALL	00043848
462848.76000	3773459.52000	1.6408190e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462840.17000	3773455.99000	1.6187050e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462831.58000	3773452.45000	1.5956240e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462822.99000	3773448.92000	1.5715780e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462814.40000	3773445.38000	1.5474250e-04	386.97	386.97	0.00	PERIOD	ALL	00043848
462805.81000	3773441.85000	1.5244000e-04	386.85	386.85	0.00	PERIOD	ALL	00043848
462797.22000	3773438.31000	1.5196960e-04	386.73	386.73	0.00	PERIOD	ALL	00043848
462788.63000	3773434.78000	1.4949270e-04	386.61	386.61	0.00	PERIOD	ALL	00043848
462780.05000	3773431.24000	1.4692560e-04	386.50	386.50	0.00	PERIOD	ALL	00043848
462771.46000	3773427.71000	1.4429830e-04	386.38	386.38	0.00	PERIOD	ALL	00043848
462762.87000	3773424.17000	1.4159520e-04	386.26	386.26	0.00	PERIOD	ALL	00043848
462754.28000	3773420.64000	1.3887220e-04	386.14	386.14	0.00	PERIOD	ALL	00043848
462747.57000	3773413.16000	1.3828870e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462743.96000	3773404.61000	1.3930210e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462740.35000	3773396.05000	1.4022480e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462736.73000	3773387.49000	1.4104070e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462733.12000	3773378.94000	1.4193420e-04	385.75	385.75	0.00	PERIOD	ALL	00043848
462729.51000	3773370.38000	1.4275090e-04	385.47	385.47	0.00	PERIOD	ALL	00043848
462725.89000	3773361.82000	1.4346380e-04	385.18	385.18	0.00	PERIOD	ALL	00043848
462722.28000	3773353.27000	1.4403710e-04	384.92	384.92	0.00	PERIOD	ALL	00043848
462718.67000	3773344.71000	1.4440810e-04	384.75	384.75	0.00	PERIOD	ALL	00043848
462715.05000	3773336.15000	1.4457660e-04	384.65	384.65	0.00	PERIOD	ALL	00043848
462711.44000	3773327.60000	1.4454610e-04	384.62	384.62	0.00	PERIOD	ALL	00043848
462707.83000	3773319.04000	1.4441440e-04	384.55	384.55	0.00	PERIOD	ALL	00043848

462704.21000	3773310.48000	1.4421070e-04	384.40	384.40	0.00	PERIOD	ALL	00043848
462700.60000	3773301.93000	1.4393820e-04	384.18	384.18	0.00	PERIOD	ALL	00043848
462696.99000	3773293.37000	1.4349080e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462693.37000	3773284.81000	1.4272840e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462917.47000	3773507.80000	1.6233310e-04	387.75	387.75	0.00	PERIOD	ALL	00043848
462908.82000	3773504.24000	1.6079690e-04	387.93	387.93	0.00	PERIOD	ALL	00043848
462900.18000	3773500.68000	1.6007920e-04	387.81	387.81	0.00	PERIOD	ALL	00043848
462891.53000	3773497.12000	1.5923510e-04	387.69	387.69	0.00	PERIOD	ALL	00043848
462882.89000	3773493.56000	1.5827020e-04	387.57	387.57	0.00	PERIOD	ALL	00043848
462874.24000	3773490.01000	1.5715080e-04	387.46	387.46	0.00	PERIOD	ALL	00043848
462796.43000	3773457.98000	1.4107510e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462787.78000	3773454.42000	1.3874450e-04	387.02	387.02	0.00	PERIOD	ALL	00043848
462779.13000	3773450.87000	1.3634660e-04	387.05	387.05	0.00	PERIOD	ALL	00043848
462770.49000	3773447.31000	1.3405590e-04	387.02	387.02	0.00	PERIOD	ALL	00043848
462761.84000	3773443.75000	1.3187510e-04	386.91	386.91	0.00	PERIOD	ALL	00043848
462753.20000	3773440.19000	1.3130800e-04	386.80	386.80	0.00	PERIOD	ALL	00043848
462744.55000	3773436.63000	1.2904800e-04	386.68	386.68	0.00	PERIOD	ALL	00043848
462735.30000	3773431.64000	1.2698240e-04	386.51	386.51	0.00	PERIOD	ALL	00043848
462731.66000	3773423.03000	1.2814080e-04	386.22	386.22	0.00	PERIOD	ALL	00043848
462728.02000	3773414.41000	1.2913280e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462724.39000	3773405.80000	1.2990460e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462720.75000	3773397.19000	1.3058610e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462717.11000	3773388.58000	1.3117560e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462713.48000	3773379.96000	1.3181650e-04	385.79	385.79	0.00	PERIOD	ALL	00043848
462709.84000	3773371.35000	1.3241320e-04	385.50	385.50	0.00	PERIOD	ALL	00043848
462706.20000	3773362.74000	1.3291810e-04	385.21	385.21	0.00	PERIOD	ALL	00043848
462702.57000	3773354.12000	1.3327440e-04	384.99	384.99	0.00	PERIOD	ALL	00043848
462698.93000	3773345.51000	1.3333070e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462695.29000	3773336.90000	1.3327970e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462691.65000	3773328.28000	1.3311420e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462688.02000	3773319.67000	1.3301060e-04	384.78	384.78	0.00	PERIOD	ALL	00043848
462684.38000	3773311.06000	1.3284670e-04	384.49	384.49	0.00	PERIOD	ALL	00043848
462680.74000	3773302.44000	1.3257510e-04	384.20	384.20	0.00	PERIOD	ALL	00043848
462677.11000	3773293.83000	1.3211700e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462673.47000	3773285.22000	1.3137000e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462917.47000	3773527.80000	1.5106240e-04	387.93	387.93	0.00	PERIOD	ALL	00043848
462908.84000	3773524.25000	1.4998550e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462900.21000	3773520.69000	1.4903470e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462891.58000	3773517.14000	1.4799080e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462882.95000	3773513.59000	1.4685790e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462874.31000	3773510.04000	1.4563270e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462865.68000	3773506.49000	1.4432300e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462857.05000	3773502.93000	1.4325120e-04	387.89	387.89	0.00	PERIOD	ALL	00043848
462848.42000	3773499.38000	1.4210090e-04	387.77	387.77	0.00	PERIOD	ALL	00043848
462839.79000	3773495.83000	1.4086110e-04	387.65	387.65	0.00	PERIOD	ALL	00043848
462831.16000	3773492.28000	1.3953300e-04	387.53	387.53	0.00	PERIOD	ALL	00043848
462822.53000	3773488.72000	1.3813170e-04	387.41	387.41	0.00	PERIOD	ALL	00043848
462753.48000	3773460.31000	1.2237470e-04	387.47	387.47	0.00	PERIOD	ALL	00043848
462744.84000	3773456.76000	1.2055740e-04	387.35	387.35	0.00	PERIOD	ALL	00043848
462736.21000	3773453.20000	1.1872630e-04	387.23	387.23	0.00	PERIOD	ALL	00043848
462727.58000	3773449.65000	1.1686150e-04	387.11	387.11	0.00	PERIOD	ALL	00043848
462720.01000	3773442.98000	1.1622820e-04	386.89	386.89	0.00	PERIOD	ALL	00043848
462716.38000	3773434.38000	1.1889000e-04	386.60	386.60	0.00	PERIOD	ALL	00043848
462712.75000	3773425.79000	1.1987660e-04	386.32	386.32	0.00	PERIOD	ALL	00043848
462709.12000	3773417.19000	1.2070660e-04	386.03	386.03	0.00	PERIOD	ALL	00043848
462705.49000	3773408.59000	1.2131040e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462701.86000	3773399.99000	1.2182010e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462698.23000	3773391.39000	1.2224370e-04	386.01	386.01	0.00	PERIOD	ALL	00043848
462694.60000	3773382.79000	1.2266960e-04	385.88	385.88	0.00	PERIOD	ALL	00043848
462690.96000	3773374.20000	1.2309970e-04	385.60	385.60	0.00	PERIOD	ALL	00043848
462687.33000	3773365.60000	1.2346530e-04	385.31	385.31	0.00	PERIOD	ALL	00043848
462683.70000	3773357.00000	1.2374800e-04	385.02	385.02	0.00	PERIOD	ALL	00043848
462680.07000	3773348.40000	1.2374470e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462676.44000	3773339.80000	1.2363100e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462672.81000	3773331.20000	1.2342060e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462669.18000	3773322.60000	1.2320030e-04	384.88	384.88	0.00	PERIOD	ALL	00043848
462665.55000	3773314.01000	1.2296410e-04	384.65	384.65	0.00	PERIOD	ALL	00043848
462661.92000	3773305.41000	1.2259220e-04	384.48	384.48	0.00	PERIOD	ALL	00043848
462658.29000	3773296.81000	1.2206740e-04	384.39	384.39	0.00	PERIOD	ALL	00043848
462654.66000	3773288.21000	1.2130240e-04	384.50	384.50	0.00	PERIOD	ALL	00043848
462917.47000	3773547.80000	1.4017770e-04	388.38	388.38	0.00	PERIOD	ALL	00043848
462908.85000	3773544.25000	1.3983840e-04	388.26	388.26	0.00	PERIOD	ALL	00043848
462900.24000	3773540.70000	1.3938520e-04	388.15	388.15	0.00	PERIOD	ALL	00043848
462891.62000	3773537.16000	1.3885110e-04	388.03	388.03	0.00	PERIOD	ALL	00043848
462883.00000	3773533.61000	1.3795460e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462874.38000	3773530.06000	1.3689170e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462865.76000	3773526.52000	1.3575420e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462857.14000	3773522.97000	1.3455080e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462848.52000	3773519.42000	1.3321650e-04	388.02	388.02	0.00	PERIOD	ALL	00043848
462839.90000	3773515.88000	1.3162530e-04	388.10	388.10	0.00	PERIOD	ALL	00043848
462831.29000	3773512.33000	1.3016560e-04	388.12	388.12	0.00	PERIOD	ALL	00043848
462822.67000	3773508.78000	1.2886070e-04	388.07	388.07	0.00	PERIOD	ALL	00043848

462814.05000	3773505.24000	1.2765490e-04	387.96	387.96	0.00	PERIOD	ALL	00043848
462805.43000	3773501.69000	1.2635640e-04	387.85	387.85	0.00	PERIOD	ALL	00043848
462796.81000	3773498.14000	1.2501920e-04	387.73	387.73	0.00	PERIOD	ALL	00043848
462788.19000	3773494.59000	1.2358090e-04	387.63	387.63	0.00	PERIOD	ALL	00043848
462779.57000	3773491.05000	1.2179340e-04	387.66	387.66	0.00	PERIOD	ALL	00043848
462770.95000	3773487.50000	1.1981290e-04	387.76	387.76	0.00	PERIOD	ALL	00043848
462704.73000	3773454.33000	1.0795880e-04	387.27	387.27	0.00	PERIOD	ALL	00043848
462701.10000	3773445.75000	1.0913690e-04	386.98	386.98	0.00	PERIOD	ALL	00043848
462697.48000	3773437.16000	1.1148580e-04	386.72	386.72	0.00	PERIOD	ALL	00043848
462693.85000	3773428.58000	1.1228980e-04	386.52	386.52	0.00	PERIOD	ALL	00043848
462690.23000	3773419.99000	1.1290540e-04	386.40	386.40	0.00	PERIOD	ALL	00043848
462686.60000	3773411.40000	1.1337340e-04	386.36	386.36	0.00	PERIOD	ALL	00043848
462682.97000	3773402.82000	1.1377160e-04	386.31	386.31	0.00	PERIOD	ALL	00043848
462679.35000	3773394.23000	1.1415160e-04	386.18	386.18	0.00	PERIOD	ALL	00043848
462675.72000	3773385.65000	1.1449400e-04	385.98	385.98	0.00	PERIOD	ALL	00043848
462672.10000	3773377.06000	1.1482020e-04	385.69	385.69	0.00	PERIOD	ALL	00043848
462668.47000	3773368.47000	1.1505780e-04	385.43	385.43	0.00	PERIOD	ALL	00043848
462664.85000	3773359.89000	1.1516920e-04	385.26	385.26	0.00	PERIOD	ALL	00043848
462661.22000	3773351.30000	1.1510950e-04	385.23	385.23	0.00	PERIOD	ALL	00043848
462657.60000	3773342.72000	1.1495910e-04	385.22	385.22	0.00	PERIOD	ALL	00043848
462653.97000	3773334.13000	1.1477080e-04	385.14	385.14	0.00	PERIOD	ALL	00043848
462650.34000	3773325.54000	1.1454820e-04	384.99	384.99	0.00	PERIOD	ALL	00043848
462646.72000	3773316.96000	1.1419010e-04	384.93	384.93	0.00	PERIOD	ALL	00043848
462643.09000	3773308.37000	1.1371160e-04	384.93	384.93	0.00	PERIOD	ALL	00043848
462639.47000	3773299.79000	1.1311490e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462635.84000	3773291.20000	1.1248660e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462917.48000	3773577.80000	1.2648290e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462908.87000	3773574.26000	1.2576670e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462900.27000	3773570.72000	1.2501220e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462891.67000	3773567.18000	1.2421510e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462883.06000	3773563.64000	1.2363220e-04	388.91	388.91	0.00	PERIOD	ALL	00043848
462874.46000	3773560.10000	1.2309710e-04	388.79	388.79	0.00	PERIOD	ALL	00043848
462865.86000	3773556.56000	1.2252000e-04	388.67	388.67	0.00	PERIOD	ALL	00043848
462857.26000	3773553.02000	1.2186950e-04	388.56	388.56	0.00	PERIOD	ALL	00043848
462848.65000	3773549.48000	1.2114060e-04	388.46	388.46	0.00	PERIOD	ALL	00043848
462840.05000	3773545.94000	1.1980640e-04	388.54	388.54	0.00	PERIOD	ALL	00043848
462831.45000	3773542.40000	1.1822580e-04	388.69	388.69	0.00	PERIOD	ALL	00043848
462822.85000	3773538.86000	1.1645200e-04	388.90	388.90	0.00	PERIOD	ALL	00043848
462814.24000	3773535.32000	1.1504320e-04	388.97	388.97	0.00	PERIOD	ALL	00043848
462805.64000	3773531.77000	1.1412110e-04	388.85	388.85	0.00	PERIOD	ALL	00043848
462797.04000	3773528.23000	1.1315710e-04	388.73	388.73	0.00	PERIOD	ALL	00043848
462788.43000	3773524.69000	1.1215430e-04	388.61	388.61	0.00	PERIOD	ALL	00043848
462779.83000	3773521.15000	1.1112120e-04	388.49	388.49	0.00	PERIOD	ALL	00043848
462771.23000	3773517.61000	1.1002920e-04	388.38	388.38	0.00	PERIOD	ALL	00043848
462762.63000	3773514.07000	1.0893810e-04	388.26	388.26	0.00	PERIOD	ALL	00043848
462754.02000	3773510.53000	1.0779900e-04	388.14	388.14	0.00	PERIOD	ALL	00043848
462745.42000	3773506.99000	1.0660380e-04	388.02	388.02	0.00	PERIOD	ALL	00043848
462736.82000	3773503.45000	1.0513410e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462728.21000	3773499.91000	1.0359750e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462719.61000	3773496.37000	1.0205190e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462711.01000	3773492.83000	1.0049780e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462702.41000	3773489.29000	9.8937800e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462674.57000	3773454.23000	9.9147940e-05	387.26	387.26	0.00	PERIOD	ALL	00043848
462670.95000	3773445.66000	1.0002460e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462667.33000	3773437.09000	1.0041200e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462663.71000	3773428.52000	1.0075180e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462660.10000	3773419.95000	1.0104470e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462656.48000	3773411.38000	1.0193950e-04	386.83	386.83	0.00	PERIOD	ALL	00043848
462652.86000	3773402.81000	1.0333130e-04	386.55	386.55	0.00	PERIOD	ALL	00043848
462649.24000	3773394.24000	1.0367910e-04	386.26	386.26	0.00	PERIOD	ALL	00043848
462645.62000	3773385.67000	1.0389130e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462642.00000	3773377.10000	1.0392080e-04	385.98	385.98	0.00	PERIOD	ALL	00043848
462638.38000	3773368.53000	1.0386890e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462634.76000	3773359.96000	1.0376530e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462631.14000	3773351.39000	1.0368080e-04	385.84	385.84	0.00	PERIOD	ALL	00043848
462627.53000	3773342.82000	1.0360790e-04	385.55	385.55	0.00	PERIOD	ALL	00043848
462605.81000	3773291.40000	1.0127620e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462602.19000	3773282.83000	1.0063820e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462598.57000	3773274.26000	9.9948970e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462917.47000	3773607.80000	1.1608780e-04	389.28	389.28	0.00	PERIOD	ALL	00043848
462908.83000	3773604.24000	1.1547070e-04	389.26	389.26	0.00	PERIOD	ALL	00043848
462900.19000	3773600.69000	1.1506460e-04	389.15	389.15	0.00	PERIOD	ALL	00043848
462891.56000	3773597.13000	1.1464940e-04	389.03	389.03	0.00	PERIOD	ALL	00043848
462882.92000	3773593.58000	1.1396910e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462874.28000	3773590.02000	1.1282480e-04	389.14	389.14	0.00	PERIOD	ALL	00043848
462865.64000	3773586.47000	1.1154650e-04	389.31	389.31	0.00	PERIOD	ALL	00043848
462857.00000	3773582.91000	1.1038230e-04	389.42	389.42	0.00	PERIOD	ALL	00043848
462848.36000	3773579.36000	1.0947120e-04	389.43	389.43	0.00	PERIOD	ALL	00043848
462839.72000	3773575.80000	1.0887240e-04	389.32	389.32	0.00	PERIOD	ALL	00043848
462831.09000	3773572.25000	1.0824760e-04	389.20	389.20	0.00	PERIOD	ALL	00043848
462822.45000	3773568.69000	1.0756260e-04	389.08	389.08	0.00	PERIOD	ALL	00043848
462813.81000	3773565.14000	1.0673630e-04	389.00	389.00	0.00	PERIOD	ALL	00043848

462805.17000	3773561.58000	1.0568100e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462796.53000	3773558.03000	1.0459160e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462787.89000	3773554.47000	1.0347450e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462779.26000	3773550.92000	1.0232900e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462770.62000	3773547.36000	1.0115720e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462761.98000	3773543.81000	9.9959150e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462753.34000	3773540.25000	9.8741340e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462744.70000	3773536.70000	9.7501940e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462736.06000	3773533.14000	9.6495550e-05	388.89	388.89	0.00	PERIOD	ALL	00043848
462727.43000	3773529.59000	9.5472950e-05	388.78	388.78	0.00	PERIOD	ALL	00043848
462718.79000	3773526.03000	9.4458990e-05	388.66	388.66	0.00	PERIOD	ALL	00043848
462710.15000	3773522.48000	9.3432200e-05	388.54	388.54	0.00	PERIOD	ALL	00043848
462701.51000	3773518.92000	9.2398210e-05	388.42	388.42	0.00	PERIOD	ALL	00043848
462692.87000	3773515.37000	9.1355860e-05	388.30	388.30	0.00	PERIOD	ALL	00043848
462684.23000	3773511.81000	9.0302350e-05	388.18	388.18	0.00	PERIOD	ALL	00043848
462675.60000	3773508.26000	8.9214900e-05	388.06	388.06	0.00	PERIOD	ALL	00043848
462666.96000	3773504.70000	8.7990390e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462661.88000	3773495.50000	8.8222550e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462647.35000	3773461.08000	9.0640690e-05	387.49	387.49	0.00	PERIOD	ALL	00043848
462643.71000	3773452.48000	9.1435900e-05	387.20	387.20	0.00	PERIOD	ALL	00043848
462640.08000	3773443.87000	9.2016840e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462636.45000	3773435.27000	9.2250440e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462632.81000	3773426.66000	9.2441190e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462629.18000	3773418.05000	9.2591420e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462607.38000	3773366.42000	9.4505430e-05	386.03	386.03	0.00	PERIOD	ALL	00043848
462603.74000	3773357.82000	9.4333130e-05	386.01	386.01	0.00	PERIOD	ALL	00043848
462600.11000	3773349.21000	9.4183450e-05	385.84	385.84	0.00	PERIOD	ALL	00043848
462596.47000	3773340.60000	9.3964010e-05	385.71	385.71	0.00	PERIOD	ALL	00043848
462592.84000	3773332.00000	9.3671350e-05	385.64	385.64	0.00	PERIOD	ALL	00043848
462589.21000	3773323.39000	9.3313310e-05	385.61	385.61	0.00	PERIOD	ALL	00043848
462585.57000	3773314.79000	9.2947950e-05	385.49	385.49	0.00	PERIOD	ALL	00043848
462581.94000	3773306.18000	9.2575730e-05	385.30	385.30	0.00	PERIOD	ALL	00043848
462578.31000	3773297.58000	9.2194370e-05	385.04	385.04	0.00	PERIOD	ALL	00043848
462574.67000	3773288.97000	9.1658910e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462571.04000	3773280.37000	9.1065330e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462917.47000	3773637.80000	1.0652610e-04	389.84	389.84	0.00	PERIOD	ALL	00043848
462908.85000	3773634.25000	1.0544600e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
462900.23000	3773630.70000	1.0478420e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
462891.60000	3773627.15000	1.0410600e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
462882.98000	3773623.60000	1.0365870e-04	389.91	389.91	0.00	PERIOD	ALL	00043848
462874.36000	3773620.05000	1.0316150e-04	389.83	389.83	0.00	PERIOD	ALL	00043848
462865.73000	3773616.51000	1.0245420e-04	389.82	389.82	0.00	PERIOD	ALL	00043848
462857.11000	3773612.96000	1.0151980e-04	389.89	389.89	0.00	PERIOD	ALL	00043848
462848.49000	3773609.41000	1.0045350e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
462839.86000	3773605.86000	9.9659610e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462831.24000	3773602.31000	9.8844540e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462822.62000	3773598.76000	9.8005850e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462813.99000	3773595.21000	9.7247260e-05	389.96	389.96	0.00	PERIOD	ALL	00043848
462805.37000	3773591.66000	9.6671290e-05	389.84	389.84	0.00	PERIOD	ALL	00043848
462796.75000	3773588.12000	9.6030580e-05	389.73	389.73	0.00	PERIOD	ALL	00043848
462788.12000	3773584.57000	9.5386460e-05	389.61	389.61	0.00	PERIOD	ALL	00043848
462779.50000	3773581.02000	9.4720410e-05	389.49	389.49	0.00	PERIOD	ALL	00043848
462770.88000	3773577.47000	9.4030690e-05	389.37	389.37	0.00	PERIOD	ALL	00043848
462762.25000	3773573.92000	9.3305840e-05	389.25	389.25	0.00	PERIOD	ALL	00043848
462753.63000	3773570.37000	9.2537490e-05	389.13	389.13	0.00	PERIOD	ALL	00043848
462745.01000	3773566.82000	9.1716360e-05	389.02	389.02	0.00	PERIOD	ALL	00043848
462736.38000	3773563.27000	9.0687830e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462727.76000	3773559.72000	8.9605270e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462719.14000	3773556.18000	8.8508650e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462710.51000	3773552.63000	8.7401050e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462701.89000	3773549.08000	8.6286280e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462693.27000	3773545.53000	8.5164120e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462684.64000	3773541.98000	8.4034110e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462676.02000	3773538.43000	8.2901800e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462667.40000	3773534.88000	8.1860020e-05	388.95	388.95	0.00	PERIOD	ALL	00043848
462658.77000	3773531.33000	8.0944350e-05	388.83	388.83	0.00	PERIOD	ALL	00043848
462650.15000	3773527.79000	8.0008500e-05	388.72	388.72	0.00	PERIOD	ALL	00043848
462642.59000	3773521.12000	7.9882700e-05	388.49	388.49	0.00	PERIOD	ALL	00043848
462638.96000	3773512.53000	8.0826150e-05	388.21	388.21	0.00	PERIOD	ALL	00043848
462635.33000	3773503.94000	8.1575340e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462631.71000	3773495.35000	8.1905630e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462606.31000	3773435.22000	8.4966760e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462602.69000	3773426.63000	8.5061040e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462599.06000	3773418.04000	8.5116820e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462595.43000	3773409.45000	8.5273710e-05	386.88	386.88	0.00	PERIOD	ALL	00043848
462591.80000	3773400.86000	8.6396190e-05	386.79	386.79	0.00	PERIOD	ALL	00043848
462588.18000	3773392.27000	8.6364150e-05	386.77	386.77	0.00	PERIOD	ALL	00043848
462584.55000	3773383.68000	8.6280310e-05	386.76	386.76	0.00	PERIOD	ALL	00043848
462580.92000	3773375.09000	8.6309330e-05	386.60	386.60	0.00	PERIOD	ALL	00043848
462577.29000	3773366.49000	8.6320430e-05	386.34	386.34	0.00	PERIOD	ALL	00043848
462573.67000	3773357.90000	8.6230950e-05	386.05	386.05	0.00	PERIOD	ALL	00043848
462570.04000	3773349.31000	8.6000260e-05	386.00	386.00	0.00	PERIOD	ALL	00043848

462566.41000	3773340.72000	8.5710500e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462562.78000	3773332.13000	8.5383000e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462559.16000	3773323.54000	8.5057550e-05	385.91	385.91	0.00	PERIOD	ALL	00043848
462555.53000	3773314.95000	8.4774770e-05	385.62	385.62	0.00	PERIOD	ALL	00043848
462551.90000	3773306.36000	8.4462440e-05	385.33	385.33	0.00	PERIOD	ALL	00043848
462548.27000	3773297.77000	8.4114600e-05	385.05	385.05	0.00	PERIOD	ALL	00043848
462544.65000	3773289.18000	8.3633850e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462541.02000	3773280.59000	8.3096770e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462917.47000	3773667.80000	9.9325500e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462908.82000	3773664.24000	9.8665010e-05	390.01	390.01	0.00	PERIOD	ALL	00043848
462900.16000	3773660.67000	9.7924820e-05	390.05	390.05	0.00	PERIOD	ALL	00043848
462891.51000	3773657.11000	9.7352510e-05	390.02	390.02	0.00	PERIOD	ALL	00043848
462882.86000	3773653.55000	9.6747070e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462874.21000	3773649.99000	9.5732550e-05	390.14	390.14	0.00	PERIOD	ALL	00043848
462865.55000	3773646.43000	9.4634190e-05	390.31	390.31	0.00	PERIOD	ALL	00043848
462856.90000	3773642.87000	9.3677790e-05	390.42	390.42	0.00	PERIOD	ALL	00043848
462848.25000	3773639.31000	9.2955040e-05	390.43	390.43	0.00	PERIOD	ALL	00043848
462839.60000	3773635.75000	9.2535350e-05	390.31	390.31	0.00	PERIOD	ALL	00043848
462830.94000	3773632.19000	9.2073800e-05	390.20	390.20	0.00	PERIOD	ALL	00043848
462822.29000	3773628.63000	9.1620880e-05	390.08	390.08	0.00	PERIOD	ALL	00043848
462813.64000	3773625.07000	9.1052050e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462804.99000	3773621.51000	9.0269920e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462796.33000	3773617.95000	8.9468430e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462787.68000	3773614.38000	8.8653040e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462779.03000	3773610.82000	8.7818440e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462770.38000	3773607.26000	8.6967210e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462761.72000	3773603.70000	8.6098220e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462753.07000	3773600.14000	8.5215800e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462744.42000	3773596.58000	8.4319230e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462735.77000	3773593.02000	8.3658300e-05	389.89	389.89	0.00	PERIOD	ALL	00043848
462727.11000	3773589.46000	8.2993730e-05	389.77	389.77	0.00	PERIOD	ALL	00043848
462718.46000	3773585.90000	8.2309870e-05	389.65	389.65	0.00	PERIOD	ALL	00043848
462709.81000	3773582.34000	8.1613270e-05	389.53	389.53	0.00	PERIOD	ALL	00043848
462701.16000	3773578.78000	8.0905670e-05	389.41	389.41	0.00	PERIOD	ALL	00043848
462692.50000	3773575.22000	8.0160650e-05	389.30	389.30	0.00	PERIOD	ALL	00043848
462683.85000	3773571.65000	7.9413260e-05	389.18	389.18	0.00	PERIOD	ALL	00043848
462675.20000	3773568.09000	7.8637880e-05	389.06	389.06	0.00	PERIOD	ALL	00043848
462666.55000	3773564.53000	7.7748560e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462657.90000	3773560.97000	7.6750720e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462649.24000	3773557.41000	7.5749330e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462640.59000	3773553.85000	7.4748900e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462631.94000	3773550.29000	7.3748880e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462604.48000	3773502.19000	7.5999840e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462600.84000	3773493.58000	7.6225660e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462597.20000	3773484.96000	7.6428700e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462586.28000	3773459.10000	7.7713020e-05	387.43	387.43	0.00	PERIOD	ALL	00043848
462582.64000	3773450.48000	7.8222560e-05	387.14	387.14	0.00	PERIOD	ALL	00043848
462579.00000	3773441.86000	7.8450670e-05	387.02	387.02	0.00	PERIOD	ALL	00043848
462575.36000	3773433.24000	7.8422060e-05	387.08	387.08	0.00	PERIOD	ALL	00043848
462571.72000	3773424.62000	7.8450840e-05	387.07	387.07	0.00	PERIOD	ALL	00043848
462568.08000	3773416.00000	7.8522380e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462564.44000	3773407.38000	7.8477300e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462560.80000	3773398.76000	7.8401050e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462557.16000	3773390.14000	7.8293870e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462553.52000	3773381.52000	7.8322090e-05	386.84	386.84	0.00	PERIOD	ALL	00043848
462549.88000	3773372.90000	7.9352310e-05	386.55	386.55	0.00	PERIOD	ALL	00043848
462546.24000	3773364.28000	7.9303940e-05	386.26	386.26	0.00	PERIOD	ALL	00043848
462542.60000	3773355.66000	7.9164960e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462538.96000	3773347.04000	7.8896840e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462535.33000	3773338.42000	7.8600310e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462531.69000	3773329.80000	7.8271610e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462528.05000	3773321.19000	7.7975060e-05	385.83	385.83	0.00	PERIOD	ALL	00043848
462524.41000	3773312.57000	7.7696570e-05	385.54	385.54	0.00	PERIOD	ALL	00043848
462520.77000	3773303.95000	7.7395050e-05	385.25	385.25	0.00	PERIOD	ALL	00043848
462517.13000	3773295.33000	7.7052230e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462513.49000	3773286.71000	7.6582620e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462509.85000	3773278.09000	7.6088360e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462917.47000	3773697.80000	9.2593870e-05	390.38	390.38	0.00	PERIOD	ALL	00043848
462908.83000	3773694.24000	9.2195140e-05	390.28	390.28	0.00	PERIOD	ALL	00043848
462900.19000	3773690.69000	9.1276760e-05	390.41	390.41	0.00	PERIOD	ALL	00043848
462891.56000	3773687.13000	9.0200330e-05	390.61	390.61	0.00	PERIOD	ALL	00043848
462882.92000	3773683.58000	8.9107280e-05	390.81	390.81	0.00	PERIOD	ALL	00043848
462874.28000	3773680.02000	8.8430570e-05	390.83	390.83	0.00	PERIOD	ALL	00043848
462865.64000	3773676.47000	8.7822890e-05	390.82	390.82	0.00	PERIOD	ALL	00043848
462857.00000	3773672.91000	8.7009450e-05	390.89	390.89	0.00	PERIOD	ALL	00043848
462848.36000	3773669.36000	8.6073180e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462839.72000	3773665.80000	8.5425550e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462831.09000	3773662.25000	8.4769100e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462822.45000	3773658.69000	8.4103460e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462813.81000	3773655.14000	8.3531550e-05	390.96	390.96	0.00	PERIOD	ALL	00043848
462805.17000	3773651.58000	8.3148870e-05	390.84	390.84	0.00	PERIOD	ALL	00043848
462796.53000	3773648.03000	8.2723750e-05	390.72	390.72	0.00	PERIOD	ALL	00043848

462787.89000	3773644.47000	8.2272700e-05	390.60	390.60	0.00	PERIOD	ALL	00043848
462779.26000	3773640.92000	8.1782770e-05	390.49	390.49	0.00	PERIOD	ALL	00043848
462770.62000	3773637.36000	8.1297600e-05	390.37	390.37	0.00	PERIOD	ALL	00043848
462761.98000	3773633.81000	8.0796210e-05	390.25	390.25	0.00	PERIOD	ALL	00043848
462753.34000	3773630.25000	8.0282570e-05	390.13	390.13	0.00	PERIOD	ALL	00043848
462744.70000	3773626.70000	7.9753790e-05	390.01	390.01	0.00	PERIOD	ALL	00043848
462736.06000	3773623.14000	7.8978820e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462727.43000	3773619.59000	7.8172470e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462718.79000	3773616.03000	7.7356700e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462710.15000	3773612.48000	7.6531030e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462701.51000	3773608.92000	7.5699160e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462692.87000	3773605.37000	7.4859420e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462684.23000	3773601.81000	7.4015150e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462675.60000	3773598.26000	7.3166240e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462666.96000	3773594.70000	7.2410300e-05	389.95	389.95	0.00	PERIOD	ALL	00043848
462658.32000	3773591.15000	7.1778960e-05	389.83	389.83	0.00	PERIOD	ALL	00043848
462649.68000	3773587.59000	7.1133690e-05	389.71	389.71	0.00	PERIOD	ALL	00043848
462641.04000	3773584.04000	7.0480030e-05	389.59	389.59	0.00	PERIOD	ALL	00043848
462632.40000	3773580.48000	6.9823530e-05	389.47	389.47	0.00	PERIOD	ALL	00043848
462606.49000	3773569.82000	6.7780880e-05	389.12	389.12	0.00	PERIOD	ALL	00043848
462599.75000	3773562.30000	6.7704470e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462596.11000	3773553.70000	6.7968210e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462592.48000	3773545.09000	6.8219880e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462581.58000	3773519.27000	6.9799270e-05	388.43	388.43	0.00	PERIOD	ALL	00043848
462577.94000	3773510.67000	7.0407940e-05	388.19	388.19	0.00	PERIOD	ALL	00043848
462574.31000	3773502.06000	7.0646470e-05	388.15	388.15	0.00	PERIOD	ALL	00043848
462570.68000	3773493.46000	7.0763230e-05	388.17	388.17	0.00	PERIOD	ALL	00043848
462567.04000	3773484.85000	7.0974890e-05	388.12	388.12	0.00	PERIOD	ALL	00043848
462556.14000	3773459.04000	7.1591010e-05	387.88	387.88	0.00	PERIOD	ALL	00043848
462552.51000	3773450.43000	7.1577900e-05	387.92	387.92	0.00	PERIOD	ALL	00043848
462548.87000	3773441.82000	7.1689270e-05	387.85	387.85	0.00	PERIOD	ALL	00043848
462545.24000	3773433.22000	7.2066380e-05	387.56	387.56	0.00	PERIOD	ALL	00043848
462541.61000	3773424.61000	7.2402890e-05	387.28	387.28	0.00	PERIOD	ALL	00043848
462537.97000	3773416.01000	7.2685390e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462534.34000	3773407.40000	7.2604230e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462530.70000	3773398.80000	7.2494990e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462527.07000	3773390.19000	7.2362770e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462523.44000	3773381.59000	7.2356370e-05	386.84	386.84	0.00	PERIOD	ALL	00043848
462519.80000	3773372.98000	7.3258690e-05	386.55	386.55	0.00	PERIOD	ALL	00043848
462516.17000	3773364.38000	7.3184610e-05	386.27	386.27	0.00	PERIOD	ALL	00043848
462512.53000	3773355.77000	7.3036720e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462508.90000	3773347.16000	7.2772660e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462505.27000	3773338.56000	7.2483520e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462501.63000	3773329.95000	7.2169020e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462498.00000	3773321.35000	7.1889180e-05	385.83	385.83	0.00	PERIOD	ALL	00043848
462494.37000	3773312.74000	7.1625330e-05	385.55	385.55	0.00	PERIOD	ALL	00043848
462490.73000	3773304.14000	7.1344880e-05	385.26	385.26	0.00	PERIOD	ALL	00043848
462487.10000	3773295.53000	7.1006330e-05	385.08	385.08	0.00	PERIOD	ALL	00043848
462483.46000	3773286.93000	7.0557410e-05	385.14	385.14	0.00	PERIOD	ALL	00043848
462479.83000	3773278.32000	7.0116510e-05	385.13	385.13	0.00	PERIOD	ALL	00043848
462917.47000	3773727.80000	8.6154860e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462908.85000	3773724.25000	8.5538490e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462900.22000	3773720.70000	8.4926920e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462891.59000	3773717.15000	8.4319970e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462882.97000	3773713.60000	8.3742790e-05	390.99	390.99	0.00	PERIOD	ALL	00043848
462874.34000	3773710.05000	8.3115850e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462865.72000	3773706.50000	8.2516180e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462857.09000	3773702.95000	8.1914860e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462848.46000	3773699.40000	8.1311710e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462839.84000	3773695.85000	8.0707230e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462831.21000	3773692.30000	8.0097700e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462822.58000	3773688.75000	7.9483240e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462813.96000	3773685.20000	7.8864390e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462805.33000	3773681.65000	7.8237540e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462796.71000	3773678.10000	7.7604660e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462788.08000	3773674.55000	7.6962450e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462779.45000	3773671.00000	7.6311850e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462770.83000	3773667.45000	7.5653930e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462762.20000	3773663.90000	7.4985960e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462753.58000	3773660.35000	7.4310710e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462744.95000	3773656.80000	7.3625450e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462736.32000	3773653.25000	7.3160710e-05	390.90	390.90	0.00	PERIOD	ALL	00043848
462727.70000	3773649.70000	7.2714860e-05	390.78	390.78	0.00	PERIOD	ALL	00043848
462719.07000	3773646.15000	7.2237510e-05	390.66	390.66	0.00	PERIOD	ALL	00043848
462710.45000	3773642.60000	7.1747290e-05	390.54	390.54	0.00	PERIOD	ALL	00043848
462701.82000	3773639.05000	7.1244390e-05	390.42	390.42	0.00	PERIOD	ALL	00043848
462693.19000	3773635.50000	7.0713080e-05	390.31	390.31	0.00	PERIOD	ALL	00043848
462684.57000	3773631.95000	7.0194230e-05	390.19	390.19	0.00	PERIOD	ALL	00043848
462675.94000	3773628.40000	6.9666680e-05	390.07	390.07	0.00	PERIOD	ALL	00043848
462667.31000	3773624.85000	6.9039790e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462658.69000	3773621.30000	6.8280670e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462650.06000	3773617.75000	6.7517610e-05	390.00	390.00	0.00	PERIOD	ALL	00043848

462641.44000	3773614.20000	6.6753770e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462632.81000	3773610.65000	6.5986950e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462606.93000	3773600.00000	6.3684730e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462598.31000	3773596.45000	6.2918870e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462589.68000	3773592.90000	6.2333550e-05	389.89	389.89	0.00	PERIOD	ALL	00043848
462580.45000	3773587.92000	6.1873110e-05	389.72	389.72	0.00	PERIOD	ALL	00043848
462576.82000	3773579.32000	6.2558130e-05	389.43	389.43	0.00	PERIOD	ALL	00043848
462573.19000	3773570.73000	6.3206100e-05	389.15	389.15	0.00	PERIOD	ALL	00043848
462569.56000	3773562.14000	6.3624550e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462565.93000	3773553.54000	6.3823940e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462562.31000	3773544.95000	6.4010180e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462551.42000	3773519.17000	6.4519930e-05	388.97	388.97	0.00	PERIOD	ALL	00043848
462547.79000	3773510.58000	6.4601020e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462544.16000	3773501.98000	6.4926310e-05	388.85	388.85	0.00	PERIOD	ALL	00043848
462540.53000	3773493.39000	6.5440000e-05	388.57	388.57	0.00	PERIOD	ALL	00043848
462526.02000	3773459.02000	6.6526230e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462522.39000	3773450.42000	6.6524500e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462518.76000	3773441.83000	6.6692910e-05	387.85	387.85	0.00	PERIOD	ALL	00043848
462515.13000	3773433.24000	6.7002580e-05	387.56	387.56	0.00	PERIOD	ALL	00043848
462511.50000	3773424.64000	6.7276130e-05	387.28	387.28	0.00	PERIOD	ALL	00043848
462507.88000	3773416.05000	6.7505040e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462504.25000	3773407.46000	6.7398620e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462500.62000	3773398.86000	6.7271730e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462496.99000	3773390.27000	6.7123360e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462493.36000	3773381.68000	6.7092930e-05	386.84	386.84	0.00	PERIOD	ALL	00043848
462489.73000	3773373.08000	6.7886470e-05	386.56	386.56	0.00	PERIOD	ALL	00043848
462486.10000	3773364.49000	6.7805070e-05	386.27	386.27	0.00	PERIOD	ALL	00043848
462482.47000	3773355.90000	6.7653640e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462478.85000	3773347.30000	6.7398440e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462475.22000	3773338.71000	6.7121200e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462471.59000	3773330.12000	6.6824580e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462467.96000	3773321.52000	6.6521750e-05	385.96	385.96	0.00	PERIOD	ALL	00043848
462464.33000	3773312.93000	6.6197110e-05	385.93	385.93	0.00	PERIOD	ALL	00043848
462460.70000	3773304.34000	6.5833590e-05	385.97	385.97	0.00	PERIOD	ALL	00043848
462457.07000	3773295.74000	6.5462460e-05	385.98	385.98	0.00	PERIOD	ALL	00043848
462453.44000	3773287.15000	6.5164110e-05	385.69	385.69	0.00	PERIOD	ALL	00043848
462449.82000	3773278.56000	6.4851290e-05	385.41	385.41	0.00	PERIOD	ALL	00043848
462917.47000	3773757.80000	8.0892390e-05	391.38	391.38	0.00	PERIOD	ALL	00043848
462908.82000	3773754.24000	8.0553080e-05	391.26	391.26	0.00	PERIOD	ALL	00043848
462900.17000	3773750.68000	8.0227660e-05	391.14	391.14	0.00	PERIOD	ALL	00043848
462891.52000	3773747.12000	7.9890120e-05	391.03	391.03	0.00	PERIOD	ALL	00043848
462882.87000	3773743.56000	7.9372070e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462874.22000	3773740.00000	7.8462890e-05	391.14	391.14	0.00	PERIOD	ALL	00043848
462865.57000	3773736.44000	7.7496410e-05	391.31	391.31	0.00	PERIOD	ALL	00043848
462856.92000	3773732.88000	7.6677020e-05	391.42	391.42	0.00	PERIOD	ALL	00043848
462848.27000	3773729.32000	7.6083380e-05	391.43	391.43	0.00	PERIOD	ALL	00043848
462839.62000	3773725.76000	7.5777820e-05	391.31	391.31	0.00	PERIOD	ALL	00043848
462830.97000	3773722.20000	7.5452600e-05	391.20	391.20	0.00	PERIOD	ALL	00043848
462822.32000	3773718.64000	7.5150560e-05	391.08	391.08	0.00	PERIOD	ALL	00043848
462813.67000	3773715.08000	7.4755680e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462805.02000	3773711.52000	7.4174470e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462796.37000	3773707.96000	7.3589220e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462787.72000	3773704.40000	7.2909480e-05	391.04	391.04	0.00	PERIOD	ALL	00043848
462779.07000	3773700.84000	7.2026230e-05	391.17	391.17	0.00	PERIOD	ALL	00043848
462770.42000	3773697.28000	7.1296700e-05	391.23	391.23	0.00	PERIOD	ALL	00043848
462761.77000	3773693.72000	7.0692820e-05	391.23	391.23	0.00	PERIOD	ALL	00043848
462753.12000	3773690.16000	7.0298640e-05	391.13	391.13	0.00	PERIOD	ALL	00043848
462744.47000	3773686.60000	6.9942040e-05	391.01	391.01	0.00	PERIOD	ALL	00043848
462735.82000	3773683.04000	6.9338130e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462727.17000	3773679.48000	6.8706360e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462718.52000	3773675.92000	6.8068800e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462709.87000	3773672.36000	6.7425930e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462701.22000	3773668.80000	6.6778010e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462692.57000	3773665.24000	6.6125610e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462683.92000	3773661.68000	6.5469040e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462675.27000	3773658.12000	6.4809060e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462666.62000	3773654.56000	6.4266190e-05	390.94	390.94	0.00	PERIOD	ALL	00043848
462657.97000	3773651.00000	6.3828230e-05	390.82	390.82	0.00	PERIOD	ALL	00043848
462649.32000	3773647.44000	6.3365310e-05	390.70	390.70	0.00	PERIOD	ALL	00043848
462640.67000	3773643.88000	6.2889720e-05	390.58	390.58	0.00	PERIOD	ALL	00043848
462632.02000	3773640.32000	6.2391280e-05	390.47	390.47	0.00	PERIOD	ALL	00043848
462606.07000	3773629.64000	6.0916420e-05	390.11	390.11	0.00	PERIOD	ALL	00043848
462597.42000	3773626.08000	6.0402400e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462588.77000	3773622.52000	5.9711950e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462580.12000	3773618.97000	5.9021540e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462571.47000	3773615.41000	5.8333340e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462562.82000	3773611.85000	5.7646830e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462556.91000	3773603.48000	5.7586440e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462553.27000	3773594.86000	5.7854560e-05	389.95	389.95	0.00	PERIOD	ALL	00043848
462549.63000	3773586.24000	5.8465230e-05	389.66	389.66	0.00	PERIOD	ALL	00043848
462545.99000	3773577.63000	5.8949120e-05	389.45	389.45	0.00	PERIOD	ALL	00043848
462542.35000	3773569.01000	5.9323020e-05	389.31	389.31	0.00	PERIOD	ALL	00043848

462538.71000	3773560.39000	5.9506990e-05	389.29	389.29	0.00	PERIOD	ALL	00043848
462520.52000	3773517.31000	6.0484590e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462516.88000	3773508.69000	6.0560480e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462513.24000	3773500.07000	6.0905000e-05	388.79	388.79	0.00	PERIOD	ALL	00043848
462509.60000	3773491.46000	6.1361800e-05	388.50	388.50	0.00	PERIOD	ALL	00043848
462495.05000	3773456.99000	6.2117350e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462491.41000	3773448.37000	6.2081060e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462487.77000	3773439.75000	6.2282710e-05	387.78	387.78	0.00	PERIOD	ALL	00043848
462484.13000	3773431.14000	6.2533560e-05	387.49	387.49	0.00	PERIOD	ALL	00043848
462480.49000	3773422.52000	6.2753020e-05	387.21	387.21	0.00	PERIOD	ALL	00043848
462476.85000	3773413.90000	6.2856280e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462473.22000	3773405.29000	6.2731640e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462469.58000	3773396.67000	6.2588430e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462465.94000	3773388.05000	6.2427760e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462462.30000	3773379.44000	6.3133610e-05	386.77	386.77	0.00	PERIOD	ALL	00043848
462458.66000	3773370.82000	6.3111320e-05	386.50	386.50	0.00	PERIOD	ALL	00043848
462455.02000	3773362.20000	6.2969890e-05	386.32	386.32	0.00	PERIOD	ALL	00043848
462451.38000	3773353.58000	6.2755470e-05	386.25	386.25	0.00	PERIOD	ALL	00043848
462447.74000	3773344.97000	6.2503580e-05	386.25	386.25	0.00	PERIOD	ALL	00043848
462444.11000	3773336.35000	6.2260410e-05	386.17	386.17	0.00	PERIOD	ALL	00043848
462440.47000	3773327.73000	6.2016710e-05	386.03	386.03	0.00	PERIOD	ALL	00043848
462436.83000	3773319.12000	6.1725430e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462433.19000	3773310.50000	6.1411150e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462429.55000	3773301.88000	6.1082520e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462425.91000	3773293.26000	6.0767600e-05	385.90	385.90	0.00	PERIOD	ALL	00043848
462422.27000	3773284.65000	6.0491820e-05	385.61	385.61	0.00	PERIOD	ALL	00043848
462418.63000	3773276.03000	6.0206450e-05	385.32	385.32	0.00	PERIOD	ALL	00043848
462917.47000	3773787.80000	7.5807180e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462908.83000	3773784.24000	7.5204410e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462900.19000	3773780.69000	7.4612620e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462891.56000	3773777.13000	7.4033950e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462882.92000	3773773.58000	7.3633640e-05	391.91	391.91	0.00	PERIOD	ALL	00043848
462874.28000	3773770.02000	7.3224640e-05	391.83	391.83	0.00	PERIOD	ALL	00043848
462865.64000	3773766.47000	7.2686980e-05	391.82	391.82	0.00	PERIOD	ALL	00043848
462857.00000	3773762.91000	7.2003590e-05	391.89	391.89	0.00	PERIOD	ALL	00043848
462848.36000	3773759.36000	7.1250640e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462839.72000	3773755.80000	7.0710740e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462831.09000	3773752.25000	7.0173840e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462822.45000	3773748.69000	6.9638820e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462813.81000	3773745.14000	6.9177510e-05	391.96	391.96	0.00	PERIOD	ALL	00043848
462805.17000	3773741.58000	6.8865960e-05	391.84	391.84	0.00	PERIOD	ALL	00043848
462796.53000	3773738.03000	6.8553660e-05	391.72	391.72	0.00	PERIOD	ALL	00043848
462787.89000	3773734.47000	6.8185330e-05	391.63	391.63	0.00	PERIOD	ALL	00043848
462779.26000	3773730.92000	6.7586480e-05	391.66	391.66	0.00	PERIOD	ALL	00043848
462770.62000	3773727.36000	6.6836840e-05	391.77	391.77	0.00	PERIOD	ALL	00043848
462761.98000	3773723.81000	6.5979720e-05	391.94	391.94	0.00	PERIOD	ALL	00043848
462753.34000	3773720.25000	6.5323960e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462744.70000	3773716.70000	6.4770850e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462736.06000	3773713.14000	6.4408970e-05	391.89	391.89	0.00	PERIOD	ALL	00043848
462727.43000	3773709.59000	6.4043300e-05	391.78	391.78	0.00	PERIOD	ALL	00043848
462718.79000	3773706.03000	6.3692100e-05	391.66	391.66	0.00	PERIOD	ALL	00043848
462710.15000	3773702.48000	6.3337310e-05	391.54	391.54	0.00	PERIOD	ALL	00043848
462701.51000	3773698.92000	6.2981110e-05	391.42	391.42	0.00	PERIOD	ALL	00043848
462692.87000	3773695.37000	6.2621960e-05	391.30	391.30	0.00	PERIOD	ALL	00043848
462684.23000	3773691.81000	6.2261330e-05	391.18	391.18	0.00	PERIOD	ALL	00043848
462675.60000	3773688.26000	6.1898030e-05	391.06	391.06	0.00	PERIOD	ALL	00043848
462666.96000	3773684.70000	6.1415730e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462658.32000	3773681.15000	6.0814690e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462649.68000	3773677.59000	6.0212690e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462641.04000	3773674.04000	5.9608120e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462632.40000	3773670.48000	5.9003190e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462606.49000	3773659.82000	5.7183400e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462597.85000	3773656.26000	5.6576490e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462589.21000	3773652.71000	5.6173760e-05	390.88	390.88	0.00	PERIOD	ALL	00043848
462580.57000	3773649.15000	5.5754350e-05	390.76	390.76	0.00	PERIOD	ALL	00043848
462571.94000	3773645.60000	5.5319730e-05	390.64	390.64	0.00	PERIOD	ALL	00043848
462563.30000	3773642.04000	5.4880150e-05	390.52	390.52	0.00	PERIOD	ALL	00043848
462554.66000	3773638.49000	5.4422430e-05	390.41	390.41	0.00	PERIOD	ALL	00043848
462546.02000	3773634.93000	5.3977560e-05	390.29	390.29	0.00	PERIOD	ALL	00043848
462538.22000	3773630.53000	5.3705890e-05	390.14	390.14	0.00	PERIOD	ALL	00043848
462520.05000	3773587.51000	5.4690500e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462516.41000	3773578.90000	5.4820420e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462512.78000	3773570.30000	5.4940710e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462509.15000	3773561.69000	5.5267030e-05	389.85	389.85	0.00	PERIOD	ALL	00043848
462505.51000	3773553.08000	5.5770060e-05	389.56	389.56	0.00	PERIOD	ALL	00043848
462501.88000	3773544.48000	5.6267620e-05	389.27	389.27	0.00	PERIOD	ALL	00043848
462490.98000	3773518.66000	5.6811540e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462487.34000	3773510.06000	5.6853810e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462483.71000	3773501.45000	5.7084420e-05	388.84	388.84	0.00	PERIOD	ALL	00043848
462480.07000	3773492.85000	5.7478290e-05	388.55	388.55	0.00	PERIOD	ALL	00043848
462465.54000	3773458.42000	5.8151890e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462461.91000	3773449.82000	5.8097690e-05	388.00	388.00	0.00	PERIOD	ALL	00043848

462458.27000	3773441.21000	5.8201150e-05	387.84	387.84	0.00	PERIOD	ALL	00043848
462454.64000	3773432.61000	5.8345430e-05	387.62	387.62	0.00	PERIOD	ALL	00043848
462451.00000	3773424.00000	5.8398040e-05	387.47	387.47	0.00	PERIOD	ALL	00043848
462447.37000	3773415.40000	5.8354710e-05	387.40	387.40	0.00	PERIOD	ALL	00043848
462443.74000	3773406.79000	5.8266790e-05	387.36	387.36	0.00	PERIOD	ALL	00043848
462440.10000	3773398.19000	5.8223340e-05	387.26	387.26	0.00	PERIOD	ALL	00043848
462436.47000	3773389.58000	5.8237110e-05	387.08	387.08	0.00	PERIOD	ALL	00043848
462432.83000	3773380.97000	5.8147230e-05	386.98	386.98	0.00	PERIOD	ALL	00043848
462429.20000	3773372.37000	5.7944530e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462425.57000	3773363.76000	5.7743230e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462421.93000	3773355.16000	5.7556060e-05	386.96	386.96	0.00	PERIOD	ALL	00043848
462418.30000	3773346.55000	5.8154260e-05	386.67	386.67	0.00	PERIOD	ALL	00043848
462414.67000	3773337.95000	5.8050240e-05	386.39	386.39	0.00	PERIOD	ALL	00043848
462411.03000	3773329.34000	5.7866500e-05	386.10	386.10	0.00	PERIOD	ALL	00043848
462407.40000	3773320.74000	5.7617680e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462403.76000	3773312.13000	5.7328940e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462400.13000	3773303.52000	5.7029590e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462396.50000	3773294.92000	5.6731390e-05	385.95	385.95	0.00	PERIOD	ALL	00043848
462917.47000	3773817.80000	7.1749270e-05	392.38	392.38	0.00	PERIOD	ALL	00043848
462908.84000	3773814.25000	7.1360440e-05	392.26	392.26	0.00	PERIOD	ALL	00043848
462900.22000	3773810.70000	7.0971270e-05	392.15	392.15	0.00	PERIOD	ALL	00043848
462891.59000	3773807.15000	7.0612300e-05	392.03	392.03	0.00	PERIOD	ALL	00043848
462882.96000	3773803.60000	7.0107350e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462874.33000	3773800.04000	6.9560350e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462865.70000	3773796.49000	6.9021000e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462857.08000	3773792.94000	6.8490520e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462848.45000	3773789.39000	6.7930810e-05	392.02	392.02	0.00	PERIOD	ALL	00043848
462839.82000	3773785.84000	6.7273710e-05	392.10	392.10	0.00	PERIOD	ALL	00043848
462831.19000	3773782.29000	6.6725890e-05	392.12	392.12	0.00	PERIOD	ALL	00043848
462822.56000	3773778.74000	6.6301970e-05	392.07	392.07	0.00	PERIOD	ALL	00043848
462813.94000	3773775.19000	6.5916350e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462805.31000	3773771.64000	6.5411410e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462796.68000	3773768.09000	6.4907900e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462788.05000	3773764.54000	6.4404950e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462779.42000	3773760.99000	6.3901910e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462770.80000	3773757.43000	6.3400100e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462762.17000	3773753.88000	6.2895110e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462753.54000	3773750.33000	6.2388320e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462744.91000	3773746.78000	6.1879250e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462736.28000	3773743.23000	6.1368100e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462727.65000	3773739.68000	6.0854130e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462719.03000	3773736.13000	6.0338490e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462710.40000	3773732.58000	5.9819340e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462701.77000	3773729.03000	5.9297610e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462693.14000	3773725.48000	5.8773330e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462684.51000	3773721.93000	5.8246900e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462675.89000	3773718.38000	5.7719400e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462667.26000	3773714.83000	5.7267150e-05	391.95	391.95	0.00	PERIOD	ALL	00043848
462658.63000	3773711.27000	5.6923360e-05	391.83	391.83	0.00	PERIOD	ALL	00043848
462650.00000	3773707.72000	5.6577210e-05	391.71	391.71	0.00	PERIOD	ALL	00043848
462641.37000	3773704.17000	5.6230280e-05	391.59	391.59	0.00	PERIOD	ALL	00043848
462632.75000	3773700.62000	5.5867610e-05	391.48	391.48	0.00	PERIOD	ALL	00043848
462606.86000	3773689.97000	5.4823970e-05	391.12	391.12	0.00	PERIOD	ALL	00043848
462598.23000	3773686.42000	5.4474730e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462589.61000	3773682.87000	5.3924080e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462580.98000	3773679.32000	5.3372780e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462572.35000	3773675.77000	5.2822080e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462563.72000	3773672.22000	5.2271970e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462555.09000	3773668.67000	5.1722770e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462546.47000	3773665.11000	5.1176150e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462537.84000	3773661.56000	5.0629200e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462529.21000	3773658.01000	5.0083810e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462520.58000	3773654.46000	4.9630080e-05	390.94	390.94	0.00	PERIOD	ALL	00043848
462514.68000	3773646.12000	4.9881930e-05	390.72	390.72	0.00	PERIOD	ALL	00043848
462511.05000	3773637.52000	5.0249060e-05	390.55	390.55	0.00	PERIOD	ALL	00043848
462507.42000	3773628.93000	5.0505380e-05	390.46	390.46	0.00	PERIOD	ALL	00043848
462500.16000	3773611.74000	5.0933880e-05	390.33	390.33	0.00	PERIOD	ALL	00043848
462496.53000	3773603.14000	5.1264500e-05	390.17	390.17	0.00	PERIOD	ALL	00043848
462492.90000	3773594.54000	5.1604170e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462489.27000	3773585.95000	5.1706640e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462485.64000	3773577.35000	5.1800750e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462482.02000	3773568.76000	5.1886020e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462478.39000	3773560.16000	5.2242650e-05	389.79	389.79	0.00	PERIOD	ALL	00043848
462474.76000	3773551.57000	5.2673130e-05	389.51	389.51	0.00	PERIOD	ALL	00043848
462471.13000	3773542.97000	5.3107740e-05	389.22	389.22	0.00	PERIOD	ALL	00043848
462460.24000	3773517.19000	5.3472620e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462456.61000	3773508.59000	5.3487510e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462452.98000	3773500.00000	5.3676450e-05	388.84	388.84	0.00	PERIOD	ALL	00043848
462449.35000	3773491.40000	5.3871650e-05	388.67	388.67	0.00	PERIOD	ALL	00043848
462434.83000	3773457.02000	5.4197030e-05	388.29	388.29	0.00	PERIOD	ALL	00043848
462431.20000	3773448.43000	5.4401150e-05	388.07	388.07	0.00	PERIOD	ALL	00043848
462427.57000	3773439.83000	5.4399040e-05	388.00	388.00	0.00	PERIOD	ALL	00043848

462423.94000	3773431.24000	5.4303160e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462420.31000	3773422.64000	5.4195520e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462416.68000	3773414.04000	5.4156090e-05	387.92	387.92	0.00	PERIOD	ALL	00043848
462413.05000	3773405.45000	5.4291020e-05	387.64	387.64	0.00	PERIOD	ALL	00043848
462409.43000	3773396.85000	5.4415530e-05	387.35	387.35	0.00	PERIOD	ALL	00043848
462405.80000	3773388.26000	5.4515670e-05	387.06	387.06	0.00	PERIOD	ALL	00043848
462402.17000	3773379.66000	5.4391210e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462398.54000	3773371.07000	5.4206810e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462917.47000	3773847.80000	6.7740880e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462908.82000	3773844.24000	6.7155150e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462900.17000	3773840.68000	6.6584510e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462891.52000	3773837.12000	6.6027680e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462882.88000	3773833.56000	6.5619910e-05	392.91	392.91	0.00	PERIOD	ALL	00043848
462874.23000	3773830.00000	6.5267950e-05	392.79	392.79	0.00	PERIOD	ALL	00043848
462865.58000	3773826.44000	6.4926460e-05	392.67	392.67	0.00	PERIOD	ALL	00043848
462856.93000	3773822.88000	6.4595760e-05	392.55	392.55	0.00	PERIOD	ALL	00043848
462848.28000	3773819.32000	6.4228520e-05	392.46	392.46	0.00	PERIOD	ALL	00043848
462839.63000	3773815.77000	6.3605500e-05	392.54	392.54	0.00	PERIOD	ALL	00043848
462830.99000	3773812.21000	6.2872940e-05	392.70	392.70	0.00	PERIOD	ALL	00043848
462822.34000	3773808.65000	6.2062140e-05	392.92	392.92	0.00	PERIOD	ALL	00043848
462813.69000	3773805.09000	6.1524330e-05	392.96	392.96	0.00	PERIOD	ALL	00043848
462805.04000	3773801.53000	6.1224480e-05	392.84	392.84	0.00	PERIOD	ALL	00043848
462796.39000	3773797.97000	6.0927180e-05	392.72	392.72	0.00	PERIOD	ALL	00043848
462787.75000	3773794.41000	6.0633440e-05	392.60	392.60	0.00	PERIOD	ALL	00043848
462779.10000	3773790.85000	6.0341500e-05	392.48	392.48	0.00	PERIOD	ALL	00043848
462770.45000	3773787.29000	6.0036360e-05	392.37	392.37	0.00	PERIOD	ALL	00043848
462761.80000	3773783.73000	5.9747700e-05	392.25	392.25	0.00	PERIOD	ALL	00043848
462753.15000	3773780.17000	5.9459470e-05	392.13	392.13	0.00	PERIOD	ALL	00043848
462744.50000	3773776.62000	5.9170430e-05	392.01	392.01	0.00	PERIOD	ALL	00043848
462735.86000	3773773.06000	5.8711770e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462727.21000	3773769.50000	5.8143580e-05	392.06	392.06	0.00	PERIOD	ALL	00043848
462718.56000	3773765.94000	5.7395910e-05	392.24	392.24	0.00	PERIOD	ALL	00043848
462709.91000	3773762.38000	5.6756990e-05	392.35	392.35	0.00	PERIOD	ALL	00043848
462701.26000	3773758.82000	5.6221150e-05	392.39	392.39	0.00	PERIOD	ALL	00043848
462692.62000	3773755.26000	5.5872490e-05	392.30	392.30	0.00	PERIOD	ALL	00043848
462683.97000	3773751.70000	5.5564770e-05	392.18	392.18	0.00	PERIOD	ALL	00043848
462675.32000	3773748.14000	5.5255750e-05	392.06	392.06	0.00	PERIOD	ALL	00043848
462666.67000	3773744.58000	5.4856900e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462658.02000	3773741.02000	5.4368390e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462649.37000	3773737.47000	5.3878100e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462640.73000	3773733.91000	5.3388610e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462632.08000	3773730.35000	5.2897770e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462606.13000	3773719.67000	5.1423660e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462597.49000	3773716.11000	5.0946900e-05	391.99	391.99	0.00	PERIOD	ALL	00043848
462588.84000	3773712.55000	5.0620460e-05	391.87	391.87	0.00	PERIOD	ALL	00043848
462580.19000	3773708.99000	5.0279820e-05	391.76	391.76	0.00	PERIOD	ALL	00043848
462571.54000	3773705.43000	4.9953250e-05	391.64	391.64	0.00	PERIOD	ALL	00043848
462562.89000	3773701.87000	4.9627270e-05	391.52	391.52	0.00	PERIOD	ALL	00043848
462554.24000	3773698.32000	4.9301480e-05	391.40	391.40	0.00	PERIOD	ALL	00043848
462545.60000	3773694.76000	4.8978160e-05	391.28	391.28	0.00	PERIOD	ALL	00043848
462536.95000	3773691.20000	4.8654780e-05	391.16	391.16	0.00	PERIOD	ALL	00043848
462528.30000	3773687.64000	4.8331720e-05	391.04	391.04	0.00	PERIOD	ALL	00043848
462519.65000	3773684.08000	4.7891390e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462511.00000	3773680.52000	4.7066830e-05	391.23	391.23	0.00	PERIOD	ALL	00043848
462502.35000	3773676.96000	4.6342360e-05	391.40	391.40	0.00	PERIOD	ALL	00043848
462494.77000	3773670.28000	4.6096760e-05	391.39	391.39	0.00	PERIOD	ALL	00043848
462491.13000	3773661.67000	4.6526400e-05	391.17	391.17	0.00	PERIOD	ALL	00043848
462487.49000	3773653.05000	4.6891120e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462483.86000	3773644.44000	4.7010150e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462480.22000	3773635.82000	4.7122340e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462476.58000	3773627.20000	4.7227880e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462469.30000	3773609.97000	4.8135810e-05	390.45	390.45	0.00	PERIOD	ALL	00043848
462465.67000	3773601.36000	4.8572160e-05	390.17	390.17	0.00	PERIOD	ALL	00043848
462462.03000	3773592.74000	4.8867810e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462458.39000	3773584.13000	4.8940340e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462454.75000	3773575.51000	4.9004980e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462451.11000	3773566.90000	4.9060700e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462447.48000	3773558.28000	4.9445930e-05	389.73	389.73	0.00	PERIOD	ALL	00043848
462443.84000	3773549.67000	4.9840400e-05	389.44	389.44	0.00	PERIOD	ALL	00043848
462440.20000	3773541.05000	5.0205010e-05	389.16	389.16	0.00	PERIOD	ALL	00043848
462432.92000	3773523.82000	5.0410130e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462429.29000	3773515.21000	5.0413100e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462425.65000	3773506.59000	5.0405520e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462422.01000	3773497.97000	5.0387940e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462418.37000	3773489.36000	5.0359850e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462403.82000	3773454.90000	5.0950170e-05	388.29	388.29	0.00	PERIOD	ALL	00043848
462400.18000	3773446.28000	5.1198120e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462917.47000	3773887.80000	6.3135910e-05	393.72	393.72	0.00	PERIOD	ALL	00043848
462908.84000	3773884.24000	6.2736150e-05	393.60	393.60	0.00	PERIOD	ALL	00043848
462900.20000	3773880.69000	6.2345810e-05	393.48	393.48	0.00	PERIOD	ALL	00043848
462891.56000	3773877.14000	6.1967530e-05	393.36	393.36	0.00	PERIOD	ALL	00043848
462882.93000	3773873.58000	6.1603200e-05	393.24	393.24	0.00	PERIOD	ALL	00043848

462874.29000	3773870.03000	6.1250660e-05	393.12	393.12	0.00	PERIOD	ALL	00043848
462865.66000	3773866.48000	6.0911570e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462857.02000	3773862.92000	6.0419280e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462848.39000	3773859.37000	5.9895910e-05	393.03	393.03	0.00	PERIOD	ALL	00043848
462839.75000	3773855.81000	5.9180990e-05	393.21	393.21	0.00	PERIOD	ALL	00043848
462831.12000	3773852.26000	5.8558290e-05	393.33	393.33	0.00	PERIOD	ALL	00043848
462822.48000	3773848.71000	5.8048040e-05	393.37	393.37	0.00	PERIOD	ALL	00043848
462813.85000	3773845.15000	5.7702510e-05	393.29	393.29	0.00	PERIOD	ALL	00043848
462805.21000	3773841.60000	5.7399670e-05	393.18	393.18	0.00	PERIOD	ALL	00043848
462796.58000	3773838.05000	5.7115990e-05	393.06	393.06	0.00	PERIOD	ALL	00043848
462787.94000	3773834.49000	5.6757340e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462779.31000	3773830.94000	5.6322660e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462770.67000	3773827.38000	5.5890650e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462762.04000	3773823.83000	5.5460810e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462753.40000	3773820.28000	5.5031770e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462744.76000	3773816.72000	5.4604570e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462736.13000	3773813.17000	5.4178210e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462727.49000	3773809.61000	5.3752020e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462718.86000	3773806.06000	5.3338540e-05	392.99	392.99	0.00	PERIOD	ALL	00043848
462710.22000	3773802.51000	5.2949420e-05	392.96	392.96	0.00	PERIOD	ALL	00043848
462701.59000	3773798.95000	5.2497860e-05	392.98	392.98	0.00	PERIOD	ALL	00043848
462692.95000	3773795.40000	5.2044680e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462684.32000	3773791.85000	5.1616910e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462675.68000	3773788.29000	5.1188500e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462667.05000	3773784.74000	5.0759570e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462658.41000	3773781.18000	5.0330230e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462649.78000	3773777.63000	4.9900610e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462641.14000	3773774.08000	4.9566440e-05	392.92	392.92	0.00	PERIOD	ALL	00043848
462632.51000	3773770.52000	4.9268890e-05	392.81	392.81	0.00	PERIOD	ALL	00043848
462597.96000	3773756.31000	4.8118450e-05	392.33	392.33	0.00	PERIOD	ALL	00043848
462589.33000	3773752.75000	4.7832230e-05	392.21	392.21	0.00	PERIOD	ALL	00043848
462580.69000	3773749.20000	4.7532280e-05	392.10	392.10	0.00	PERIOD	ALL	00043848
462572.06000	3773745.65000	4.7220460e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462563.42000	3773742.09000	4.6783110e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462554.79000	3773738.54000	4.6346810e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462546.15000	3773734.99000	4.5910540e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462537.52000	3773731.43000	4.5476260e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462528.88000	3773727.88000	4.5041900e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462520.25000	3773724.32000	4.4609670e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462511.61000	3773720.77000	4.4177450e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462502.98000	3773717.22000	4.3746880e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462494.34000	3773713.66000	4.3328890e-05	391.99	391.99	0.00	PERIOD	ALL	00043848
462485.71000	3773710.11000	4.2889480e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462477.07000	3773706.56000	4.2462350e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462467.83000	3773701.57000	4.2056210e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462464.20000	3773692.97000	4.2166340e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462460.56000	3773684.36000	4.2350460e-05	391.93	391.93	0.00	PERIOD	ALL	00043848
462456.93000	3773675.76000	4.2776460e-05	391.65	391.65	0.00	PERIOD	ALL	00043848
462453.30000	3773667.16000	4.3227770e-05	391.36	391.36	0.00	PERIOD	ALL	00043848
462449.67000	3773658.56000	4.3694720e-05	391.07	391.07	0.00	PERIOD	ALL	00043848
462446.03000	3773649.95000	4.3875970e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462442.40000	3773641.35000	4.3959250e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462438.77000	3773632.75000	4.4036620e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462427.87000	3773606.94000	4.4964780e-05	390.39	390.39	0.00	PERIOD	ALL	00043848
462424.24000	3773598.34000	4.5191740e-05	390.24	390.24	0.00	PERIOD	ALL	00043848
462420.61000	3773589.74000	4.5239280e-05	390.24	390.24	0.00	PERIOD	ALL	00043848
462416.97000	3773581.13000	4.5314450e-05	390.21	390.21	0.00	PERIOD	ALL	00043848
462413.34000	3773572.53000	4.5464890e-05	390.11	390.11	0.00	PERIOD	ALL	00043848
462409.71000	3773563.93000	4.5656230e-05	389.97	389.97	0.00	PERIOD	ALL	00043848
462406.08000	3773555.33000	4.5733740e-05	389.92	389.92	0.00	PERIOD	ALL	00043848
462402.44000	3773546.72000	4.5721480e-05	389.94	389.94	0.00	PERIOD	ALL	00043848
462398.81000	3773538.12000	4.5654810e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462917.47000	3773927.80000	5.9481960e-05	394.05	394.05	0.00	PERIOD	ALL	00043848
462908.82000	3773924.24000	5.8998270e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462900.17000	3773920.68000	5.8462240e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462891.52000	3773917.12000	5.7941090e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462882.87000	3773913.56000	5.7433950e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462874.22000	3773910.00000	5.6939870e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462865.57000	3773906.44000	5.6458150e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462856.92000	3773902.88000	5.5987510e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462848.27000	3773899.32000	5.5527670e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462839.62000	3773895.76000	5.5090640e-05	393.99	393.99	0.00	PERIOD	ALL	00043848
462830.97000	3773892.20000	5.4701900e-05	393.95	393.95	0.00	PERIOD	ALL	00043848
462822.32000	3773888.64000	5.4229520e-05	393.98	393.98	0.00	PERIOD	ALL	00043848
462813.67000	3773885.08000	5.3777880e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462805.02000	3773881.52000	5.3358950e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462796.37000	3773877.96000	5.2946030e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462787.72000	3773874.40000	5.2538350e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462779.07000	3773870.84000	5.2135190e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462770.42000	3773867.28000	5.1735820e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462761.77000	3773863.72000	5.1453900e-05	393.91	393.91	0.00	PERIOD	ALL	00043848
462753.12000	3773860.16000	5.1210630e-05	393.79	393.79	0.00	PERIOD	ALL	00043848

462744.47000	3773856.60000	5.0954240e-05	393.68	393.68	0.00	PERIOD	ALL	00043848
462735.82000	3773853.04000	5.0708010e-05	393.56	393.56	0.00	PERIOD	ALL	00043848
462727.17000	3773849.48000	5.0458080e-05	393.44	393.44	0.00	PERIOD	ALL	00043848
462718.52000	3773845.92000	5.0206630e-05	393.32	393.32	0.00	PERIOD	ALL	00043848
462709.87000	3773842.36000	4.9954450e-05	393.20	393.20	0.00	PERIOD	ALL	00043848
462701.22000	3773838.80000	4.9703070e-05	393.08	393.08	0.00	PERIOD	ALL	00043848
462692.57000	3773835.24000	4.9405860e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462683.92000	3773831.68000	4.9015840e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462675.27000	3773828.12000	4.8625950e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462666.62000	3773824.56000	4.8167640e-05	393.06	393.06	0.00	PERIOD	ALL	00043848
462657.97000	3773821.00000	4.7632420e-05	393.19	393.19	0.00	PERIOD	ALL	00043848
462649.32000	3773817.44000	4.7177460e-05	393.25	393.25	0.00	PERIOD	ALL	00043848
462640.67000	3773813.88000	4.6800270e-05	393.24	393.24	0.00	PERIOD	ALL	00043848
462632.02000	3773810.32000	4.6532460e-05	393.13	393.13	0.00	PERIOD	ALL	00043848
462606.07000	3773799.64000	4.5508380e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462597.42000	3773796.08000	4.5119920e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462588.77000	3773792.52000	4.4732090e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462580.12000	3773788.97000	4.4344380e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462571.47000	3773785.41000	4.3958010e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462562.82000	3773781.85000	4.3572430e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462554.17000	3773778.29000	4.3187890e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462545.52000	3773774.73000	4.2855830e-05	392.95	392.95	0.00	PERIOD	ALL	00043848
462536.87000	3773771.17000	4.2596040e-05	392.83	392.83	0.00	PERIOD	ALL	00043848
462502.27000	3773756.93000	4.1558670e-05	392.35	392.35	0.00	PERIOD	ALL	00043848
462493.62000	3773753.37000	4.1300950e-05	392.23	392.23	0.00	PERIOD	ALL	00043848
462484.97000	3773749.81000	4.0895990e-05	392.25	392.25	0.00	PERIOD	ALL	00043848
462476.32000	3773746.25000	4.0318800e-05	392.44	392.44	0.00	PERIOD	ALL	00043848
462467.67000	3773742.69000	3.9741870e-05	392.64	392.64	0.00	PERIOD	ALL	00043848
462459.02000	3773739.13000	3.9250810e-05	392.76	392.76	0.00	PERIOD	ALL	00043848
462450.37000	3773735.57000	3.8990510e-05	392.64	392.64	0.00	PERIOD	ALL	00043848
462441.72000	3773732.01000	3.8731180e-05	392.52	392.52	0.00	PERIOD	ALL	00043848
462436.64000	3773722.80000	3.9059470e-05	392.22	392.22	0.00	PERIOD	ALL	00043848
462433.00000	3773714.18000	3.9376810e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462429.36000	3773705.56000	3.9466540e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462425.73000	3773696.95000	3.9552070e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462422.09000	3773688.33000	3.9633040e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462418.45000	3773679.71000	3.9943650e-05	391.78	391.78	0.00	PERIOD	ALL	00043848
462414.81000	3773671.10000	4.0337970e-05	391.49	391.49	0.00	PERIOD	ALL	00043848
462411.17000	3773662.48000	4.0746730e-05	391.20	391.20	0.00	PERIOD	ALL	00043848
462407.53000	3773653.86000	4.1055580e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462403.89000	3773645.24000	4.1115750e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462400.25000	3773636.63000	4.1170250e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462396.62000	3773628.01000	4.1208070e-05	391.01	391.01	0.00	PERIOD	ALL	00043848
462385.70000	3773602.16000	4.1335300e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462382.06000	3773593.54000	4.1473020e-05	390.91	390.91	0.00	PERIOD	ALL	00043848
462378.42000	3773584.93000	4.1819080e-05	390.62	390.62	0.00	PERIOD	ALL	00043848
462374.78000	3773576.31000	4.2144170e-05	390.33	390.33	0.00	PERIOD	ALL	00043848
462371.14000	3773567.69000	4.2455910e-05	390.05	390.05	0.00	PERIOD	ALL	00043848
462367.51000	3773559.07000	4.2514370e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462363.87000	3773550.46000	4.2510820e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462360.23000	3773541.84000	4.2500880e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462356.59000	3773533.22000	4.2592080e-05	389.90	389.90	0.00	PERIOD	ALL	00043848
462352.95000	3773524.61000	4.2869310e-05	389.61	389.61	0.00	PERIOD	ALL	00043848
462349.31000	3773515.99000	4.3140440e-05	389.32	389.32	0.00	PERIOD	ALL	00043848
462345.67000	3773507.37000	4.3375360e-05	389.03	389.03	0.00	PERIOD	ALL	00043848
462342.04000	3773498.76000	4.3357400e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462338.40000	3773490.14000	4.3304820e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462917.47000	3773967.80000	5.5305780e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462908.83000	3773964.24000	5.4776880e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462900.19000	3773960.69000	5.4263140e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462891.56000	3773957.13000	5.3765990e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462882.92000	3773953.58000	5.3401210e-05	394.91	394.91	0.00	PERIOD	ALL	00043848
462874.28000	3773950.02000	5.3087540e-05	394.79	394.79	0.00	PERIOD	ALL	00043848
462865.64000	3773946.47000	5.2783660e-05	394.67	394.67	0.00	PERIOD	ALL	00043848
462857.00000	3773942.91000	5.2491370e-05	394.55	394.55	0.00	PERIOD	ALL	00043848
462848.36000	3773939.36000	5.2170180e-05	394.46	394.46	0.00	PERIOD	ALL	00043848
462839.72000	3773935.80000	5.1639850e-05	394.54	394.54	0.00	PERIOD	ALL	00043848
462831.09000	3773932.25000	5.1030820e-05	394.69	394.69	0.00	PERIOD	ALL	00043848
462822.45000	3773928.69000	5.0342190e-05	394.91	394.91	0.00	PERIOD	ALL	00043848
462813.81000	3773925.14000	4.9878360e-05	394.96	394.96	0.00	PERIOD	ALL	00043848
462805.17000	3773921.58000	4.9640130e-05	394.84	394.84	0.00	PERIOD	ALL	00043848
462796.53000	3773918.03000	4.9404750e-05	394.72	394.72	0.00	PERIOD	ALL	00043848
462787.89000	3773914.47000	4.9174270e-05	394.60	394.60	0.00	PERIOD	ALL	00043848
462779.26000	3773910.92000	4.8935530e-05	394.49	394.49	0.00	PERIOD	ALL	00043848
462770.62000	3773907.36000	4.8713110e-05	394.37	394.37	0.00	PERIOD	ALL	00043848
462761.98000	3773903.81000	4.8492740e-05	394.25	394.25	0.00	PERIOD	ALL	00043848
462753.34000	3773900.25000	4.8272910e-05	394.13	394.13	0.00	PERIOD	ALL	00043848
462744.70000	3773896.70000	4.8052070e-05	394.01	394.01	0.00	PERIOD	ALL	00043848
462736.06000	3773893.14000	4.7702930e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462727.43000	3773889.59000	4.7344250e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462718.79000	3773886.03000	4.6987440e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462710.15000	3773882.48000	4.6631750e-05	394.00	394.00	0.00	PERIOD	ALL	00043848

462701.51000	3773878.92000	4.6277920e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462692.87000	3773875.37000	4.5924690e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462684.23000	3773871.81000	4.5572970e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462675.60000	3773868.26000	4.5222060e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462666.96000	3773864.70000	4.4927960e-05	393.95	393.95	0.00	PERIOD	ALL	00043848
462658.32000	3773861.15000	4.4644490e-05	393.89	393.89	0.00	PERIOD	ALL	00043848
462649.68000	3773857.59000	4.4283610e-05	393.90	393.90	0.00	PERIOD	ALL	00043848
462641.04000	3773854.04000	4.3845530e-05	393.98	393.98	0.00	PERIOD	ALL	00043848
462632.40000	3773850.48000	4.3475300e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462606.49000	3773839.82000	4.2434130e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462597.85000	3773836.26000	4.2088540e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462589.21000	3773832.71000	4.1870650e-05	393.88	393.88	0.00	PERIOD	ALL	00043848
462580.57000	3773829.15000	4.1651580e-05	393.76	393.76	0.00	PERIOD	ALL	00043848
462571.94000	3773825.60000	4.1429680e-05	393.64	393.64	0.00	PERIOD	ALL	00043848
462563.30000	3773822.04000	4.1203760e-05	393.52	393.52	0.00	PERIOD	ALL	00043848
462554.66000	3773818.49000	4.0964150e-05	393.41	393.41	0.00	PERIOD	ALL	00043848
462546.02000	3773814.93000	4.0733030e-05	393.29	393.29	0.00	PERIOD	ALL	00043848
462537.38000	3773811.38000	4.0501020e-05	393.17	393.17	0.00	PERIOD	ALL	00043848
462528.74000	3773807.82000	4.0269930e-05	393.05	393.05	0.00	PERIOD	ALL	00043848
462520.11000	3773804.27000	3.9972840e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462511.47000	3773800.71000	3.9628900e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462502.83000	3773797.16000	3.9285580e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462494.19000	3773793.60000	3.8943730e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462485.55000	3773790.05000	3.8602520e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462476.91000	3773786.49000	3.8262760e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462468.27000	3773782.94000	3.7923700e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462459.64000	3773779.38000	3.7586620e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462451.00000	3773775.83000	3.7249680e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462442.36000	3773772.27000	3.6914210e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462409.70000	3773754.09000	3.5804990e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462406.07000	3773745.49000	3.5911740e-05	392.97	392.97	0.00	PERIOD	ALL	00043848
462402.44000	3773736.88000	3.6241180e-05	392.68	392.68	0.00	PERIOD	ALL	00043848
462398.80000	3773728.27000	3.6567450e-05	392.40	392.40	0.00	PERIOD	ALL	00043848
462395.17000	3773719.67000	3.6911290e-05	392.11	392.11	0.00	PERIOD	ALL	00043848
462391.53000	3773711.06000	3.7086510e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462387.90000	3773702.46000	3.7152620e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462384.27000	3773693.85000	3.7214970e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462380.63000	3773685.25000	3.7282260e-05	391.99	391.99	0.00	PERIOD	ALL	00043848
462377.00000	3773676.64000	3.7405540e-05	391.92	391.92	0.00	PERIOD	ALL	00043848
462373.36000	3773668.04000	3.7454790e-05	391.92	391.92	0.00	PERIOD	ALL	00043848
462369.73000	3773659.43000	3.7421500e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462366.10000	3773650.83000	3.7642570e-05	391.82	391.82	0.00	PERIOD	ALL	00043848
462362.46000	3773642.22000	3.7979700e-05	391.53	391.53	0.00	PERIOD	ALL	00043848
462358.83000	3773633.61000	3.8329530e-05	391.24	391.24	0.00	PERIOD	ALL	00043848
462355.20000	3773625.01000	3.8631610e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462351.56000	3773616.40000	3.8655500e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462344.29000	3773599.19000	3.8688750e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462340.66000	3773590.59000	3.8909740e-05	390.81	390.81	0.00	PERIOD	ALL	00043848
462337.03000	3773581.98000	3.9204890e-05	390.52	390.52	0.00	PERIOD	ALL	00043848
462333.39000	3773573.38000	3.9490000e-05	390.23	390.23	0.00	PERIOD	ALL	00043848
462329.76000	3773564.77000	3.9714080e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462326.12000	3773556.16000	3.9701320e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462322.49000	3773547.56000	3.9683580e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462318.86000	3773538.95000	3.9660220e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462315.22000	3773530.35000	3.9826730e-05	389.80	389.80	0.00	PERIOD	ALL	00043848
462311.59000	3773521.74000	4.0067400e-05	389.51	389.51	0.00	PERIOD	ALL	00043848
462307.96000	3773513.14000	4.0291070e-05	389.23	389.23	0.00	PERIOD	ALL	00043848
462304.32000	3773504.53000	4.0435790e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462300.69000	3773495.93000	4.0381350e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462917.47000	3774007.80000	5.1937110e-05	395.53	395.53	0.00	PERIOD	ALL	00043848
462908.82000	3774004.24000	5.1337070e-05	395.60	395.60	0.00	PERIOD	ALL	00043848
462900.17000	3774000.68000	5.1012790e-05	395.48	395.48	0.00	PERIOD	ALL	00043848
462891.51000	3773997.12000	5.0702870e-05	395.36	395.36	0.00	PERIOD	ALL	00043848
462882.86000	3773993.56000	5.0405880e-05	395.24	395.24	0.00	PERIOD	ALL	00043848
462874.21000	3773989.99000	4.9903880e-05	395.28	395.28	0.00	PERIOD	ALL	00043848
462865.56000	3773986.43000	4.9208030e-05	395.47	395.47	0.00	PERIOD	ALL	00043848
462856.91000	3773982.87000	4.8514160e-05	395.67	395.67	0.00	PERIOD	ALL	00043848
462848.26000	3773979.31000	4.7969710e-05	395.77	395.77	0.00	PERIOD	ALL	00043848
462839.61000	3773975.75000	4.7727600e-05	395.65	395.65	0.00	PERIOD	ALL	00043848
462830.96000	3773972.19000	4.7495530e-05	395.53	395.53	0.00	PERIOD	ALL	00043848
462822.30000	3773968.63000	4.7271990e-05	395.41	395.41	0.00	PERIOD	ALL	00043848
462813.65000	3773965.07000	4.7055720e-05	395.29	395.29	0.00	PERIOD	ALL	00043848
462805.00000	3773961.51000	4.6842460e-05	395.17	395.17	0.00	PERIOD	ALL	00043848
462796.35000	3773957.95000	4.6628470e-05	395.05	395.05	0.00	PERIOD	ALL	00043848
462787.70000	3773954.39000	4.6331270e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462779.05000	3773950.83000	4.5978610e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462770.40000	3773947.27000	4.5630880e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462761.74000	3773943.71000	4.5287000e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462753.09000	3773940.15000	4.4947740e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462744.44000	3773936.59000	4.4611990e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462735.79000	3773933.03000	4.4279260e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462727.14000	3773929.47000	4.3949280e-05	395.00	395.00	0.00	PERIOD	ALL	00043848

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462813.78000 3774005.12000 4.3986960e-05 396.00 396.00 0.00 PERIOD ALL 00043848

462805.14000	3774001.57000	4.3641820e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462796.50000	3773998.01000	4.3304130e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462787.86000	3773994.46000	4.2972110e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462779.22000	3773990.90000	4.2646190e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462770.58000	3773987.34000	4.2325400e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462761.93000	3773983.79000	4.2100430e-05	395.92	395.92	0.00	PERIOD	ALL	00043848
462753.29000	3773980.23000	4.1927080e-05	395.80	395.80	0.00	PERIOD	ALL	00043848
462744.65000	3773976.68000	4.1757420e-05	395.68	395.68	0.00	PERIOD	ALL	00043848
462736.01000	3773973.12000	4.1592010e-05	395.56	395.56	0.00	PERIOD	ALL	00043848
462727.37000	3773969.56000	4.1430090e-05	395.44	395.44	0.00	PERIOD	ALL	00043848
462718.73000	3773966.01000	4.1269650e-05	395.32	395.32	0.00	PERIOD	ALL	00043848
462710.09000	3773962.45000	4.1109400e-05	395.20	395.20	0.00	PERIOD	ALL	00043848
462701.45000	3773958.90000	4.0933460e-05	395.09	395.09	0.00	PERIOD	ALL	00043848
462692.81000	3773955.34000	4.0734020e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462684.17000	3773951.78000	4.0437920e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462675.53000	3773948.23000	4.0142960e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462666.89000	3773944.67000	3.9850010e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462658.24000	3773941.12000	3.9557520e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462649.60000	3773937.56000	3.9267230e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462640.96000	3773934.00000	3.8978240e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462632.32000	3773930.45000	3.8689830e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462606.40000	3773919.78000	3.8023300e-05	394.81	394.81	0.00	PERIOD	ALL	00043848
462597.76000	3773916.22000	3.7748090e-05	394.80	394.80	0.00	PERIOD	ALL	00043848
462589.12000	3773912.67000	3.7404140e-05	394.86	394.86	0.00	PERIOD	ALL	00043848
462580.48000	3773909.11000	3.7002190e-05	394.98	394.98	0.00	PERIOD	ALL	00043848
462571.84000	3773905.56000	3.6700400e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462563.20000	3773902.00000	3.6420040e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462554.55000	3773898.44000	3.6140100e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462545.91000	3773894.89000	3.5909880e-05	394.95	394.95	0.00	PERIOD	ALL	00043848
462537.27000	3773891.33000	3.5746510e-05	394.83	394.83	0.00	PERIOD	ALL	00043848
462528.63000	3773887.78000	3.5581120e-05	394.71	394.71	0.00	PERIOD	ALL	00043848
462519.99000	3773884.22000	3.5406280e-05	394.60	394.60	0.00	PERIOD	ALL	00043848
462511.35000	3773880.66000	3.5240440e-05	394.48	394.48	0.00	PERIOD	ALL	00043848
462502.71000	3773877.11000	3.5074190e-05	394.36	394.36	0.00	PERIOD	ALL	00043848
462494.07000	3773873.55000	3.4907580e-05	394.24	394.24	0.00	PERIOD	ALL	00043848
462485.43000	3773870.00000	3.4738310e-05	394.12	394.12	0.00	PERIOD	ALL	00043848
462476.79000	3773866.44000	3.4567290e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462468.15000	3773862.88000	3.4291440e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462459.51000	3773859.33000	3.4016420e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462450.87000	3773855.77000	3.3742760e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462442.22000	3773852.22000	3.3469330e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462433.58000	3773848.66000	3.3197660e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462424.94000	3773845.10000	3.2885550e-05	394.05	394.05	0.00	PERIOD	ALL	00043848
462416.30000	3773841.55000	3.2591080e-05	394.08	394.08	0.00	PERIOD	ALL	00043848
462407.66000	3773837.99000	3.2355590e-05	394.04	394.04	0.00	PERIOD	ALL	00043848
462399.02000	3773834.44000	3.2120010e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462390.38000	3773830.88000	3.1853200e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462381.74000	3773827.32000	3.1587180e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462373.10000	3773823.77000	3.1321820e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462364.46000	3773820.21000	3.1057650e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462355.21000	3773815.22000	3.0805360e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462351.58000	3773806.61000	3.0870570e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462347.94000	3773798.00000	3.1147520e-05	393.72	393.72	0.00	PERIOD	ALL	00043848
462344.31000	3773789.40000	3.1415720e-05	393.44	393.44	0.00	PERIOD	ALL	00043848
462340.67000	3773780.79000	3.1683990e-05	393.15	393.15	0.00	PERIOD	ALL	00043848
462337.04000	3773772.18000	3.1799610e-05	393.07	393.07	0.00	PERIOD	ALL	00043848
462329.77000	3773754.96000	3.1889780e-05	393.09	393.09	0.00	PERIOD	ALL	00043848
462326.13000	3773746.36000	3.2004770e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462322.50000	3773737.75000	3.2050310e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462318.86000	3773729.14000	3.2092640e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462315.23000	3773720.53000	3.2132390e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462311.59000	3773711.92000	3.2283230e-05	392.85	392.85	0.00	PERIOD	ALL	00043848
462307.96000	3773703.32000	3.2534970e-05	392.57	392.57	0.00	PERIOD	ALL	00043848
462304.32000	3773694.71000	3.2800630e-05	392.28	392.28	0.00	PERIOD	ALL	00043848
462300.69000	3773686.10000	3.3064790e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462297.05000	3773677.49000	3.3089830e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462293.42000	3773668.88000	3.3112080e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462289.78000	3773660.28000	3.3130270e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462286.15000	3773651.67000	3.3284670e-05	391.84	391.84	0.00	PERIOD	ALL	00043848
462282.51000	3773643.06000	3.3547410e-05	391.56	391.56	0.00	PERIOD	ALL	00043848
462278.88000	3773634.45000	3.3829190e-05	391.27	391.27	0.00	PERIOD	ALL	00043848
462275.24000	3773625.85000	3.4099410e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462271.61000	3773617.24000	3.4100380e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462264.34000	3773600.02000	3.4090100e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462260.70000	3773591.41000	3.4234080e-05	390.84	390.84	0.00	PERIOD	ALL	00043848
462257.07000	3773582.81000	3.4471960e-05	390.55	390.55	0.00	PERIOD	ALL	00043848
462253.43000	3773574.20000	3.4699370e-05	390.26	390.26	0.00	PERIOD	ALL	00043848
462249.80000	3773565.59000	3.4900030e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462246.16000	3773556.98000	3.4802160e-05	390.08	390.08	0.00	PERIOD	ALL	00043848
462242.53000	3773548.37000	3.4752850e-05	390.10	390.10	0.00	PERIOD	ALL	00043848
462238.89000	3773539.77000	3.4767440e-05	390.04	390.04	0.00	PERIOD	ALL	00043848
462235.26000	3773531.16000	3.4837990e-05	389.91	389.91	0.00	PERIOD	ALL	00043848

462231.62000	3773522.55000	3.4867630e-05	389.82	389.82	0.00	PERIOD	ALL	00043848
462227.99000	3773513.94000	3.4842860e-05	389.79	389.79	0.00	PERIOD	ALL	00043848
462198.91000	3773445.08000	3.4927930e-05	388.96	388.96	0.00	PERIOD	ALL	00043848
462195.28000	3773436.47000	3.5043910e-05	388.67	388.67	0.00	PERIOD	ALL	00043848
462191.64000	3773427.86000	3.5165850e-05	388.38	388.38	0.00	PERIOD	ALL	00043848
462188.01000	3773419.25000	3.5278990e-05	388.10	388.10	0.00	PERIOD	ALL	00043848
462184.37000	3773410.65000	3.5243060e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462180.74000	3773402.04000	3.5135000e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462177.10000	3773393.43000	3.5022670e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462173.47000	3773384.82000	3.4937200e-05	387.95	387.95	0.00	PERIOD	ALL	00043848
462169.83000	3773376.21000	3.4980920e-05	387.66	387.66	0.00	PERIOD	ALL	00043848
462166.20000	3773367.61000	3.5008560e-05	387.38	387.38	0.00	PERIOD	ALL	00043848
462162.56000	3773359.00000	3.5032380e-05	387.09	387.09	0.00	PERIOD	ALL	00043848
462158.93000	3773350.39000	3.4932620e-05	387.02	387.02	0.00	PERIOD	ALL	00043848
462155.29000	3773341.78000	3.4772060e-05	387.07	387.07	0.00	PERIOD	ALL	00043848
462151.66000	3773333.17000	3.4637130e-05	387.06	387.06	0.00	PERIOD	ALL	00043848
462148.02000	3773324.57000	3.4536660e-05	386.96	386.96	0.00	PERIOD	ALL	00043848
462804.99000	3774041.51000	4.0723500e-05	396.84	396.84	0.00	PERIOD	ALL	00043848
462796.33000	3774037.95000	4.0536840e-05	396.72	396.72	0.00	PERIOD	ALL	00043848
462787.68000	3774034.38000	4.0356440e-05	396.60	396.60	0.00	PERIOD	ALL	00043848
462779.03000	3774030.82000	4.0181080e-05	396.48	396.48	0.00	PERIOD	ALL	00043848
462770.38000	3774027.26000	4.0010450e-05	396.36	396.36	0.00	PERIOD	ALL	00043848
462761.72000	3774023.70000	3.9833190e-05	396.25	396.25	0.00	PERIOD	ALL	00043848
462753.07000	3774020.14000	3.9670720e-05	396.13	396.13	0.00	PERIOD	ALL	00043848
462744.42000	3774016.58000	3.9511350e-05	396.01	396.01	0.00	PERIOD	ALL	00043848
462735.77000	3774013.02000	3.9236540e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462727.11000	3774009.46000	3.8953620e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462718.46000	3774005.90000	3.8673880e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462709.81000	3774002.34000	3.8396540e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462701.16000	3773998.78000	3.8121620e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462692.50000	3773995.22000	3.7848250e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462683.85000	3773991.65000	3.7577720e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462675.20000	3773988.09000	3.7308710e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462666.55000	3773984.53000	3.7103450e-05	395.94	395.94	0.00	PERIOD	ALL	00043848
462657.90000	3773980.97000	3.6962460e-05	395.82	395.82	0.00	PERIOD	ALL	00043848
462649.24000	3773977.41000	3.6822780e-05	395.70	395.70	0.00	PERIOD	ALL	00043848
462640.59000	3773973.85000	3.6685520e-05	395.58	395.58	0.00	PERIOD	ALL	00043848
462631.94000	3773970.29000	3.6539310e-05	395.47	395.47	0.00	PERIOD	ALL	00043848
462605.98000	3773959.61000	3.6128490e-05	395.11	395.11	0.00	PERIOD	ALL	00043848
462597.33000	3773956.05000	3.5974780e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462588.68000	3773952.49000	3.5713850e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462580.02000	3773948.93000	3.5453410e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462571.37000	3773945.36000	3.5194600e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462562.72000	3773941.80000	3.4936290e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462554.07000	3773938.24000	3.4678900e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462545.41000	3773934.68000	3.4384410e-05	395.04	395.04	0.00	PERIOD	ALL	00043848
462536.76000	3773931.12000	3.4101010e-05	395.07	395.07	0.00	PERIOD	ALL	00043848
462528.11000	3773927.56000	3.3883750e-05	395.03	395.03	0.00	PERIOD	ALL	00043848
462519.46000	3773924.00000	3.3657580e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462510.80000	3773920.44000	3.3404290e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462502.15000	3773916.88000	3.3152370e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462493.50000	3773913.32000	3.2901610e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462484.85000	3773909.76000	3.2651810e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462476.19000	3773906.20000	3.2402700e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462467.54000	3773902.63000	3.2155470e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462458.89000	3773899.07000	3.1909030e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462450.24000	3773895.51000	3.1689400e-05	394.97	394.97	0.00	PERIOD	ALL	00043848
462441.58000	3773891.95000	3.1545010e-05	394.85	394.85	0.00	PERIOD	ALL	00043848
462432.93000	3773888.39000	3.1391100e-05	394.74	394.74	0.00	PERIOD	ALL	00043848
462424.28000	3773884.83000	3.1187860e-05	394.69	394.69	0.00	PERIOD	ALL	00043848
462415.63000	3773881.27000	3.0912370e-05	394.73	394.73	0.00	PERIOD	ALL	00043848
462406.98000	3773877.71000	3.0574310e-05	394.85	394.85	0.00	PERIOD	ALL	00043848
462398.32000	3773874.15000	3.0212810e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462389.67000	3773870.59000	2.9974520e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462381.02000	3773867.03000	2.9737070e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462372.37000	3773863.47000	2.9579070e-05	394.90	394.90	0.00	PERIOD	ALL	00043848
462363.71000	3773859.90000	2.9426880e-05	394.79	394.79	0.00	PERIOD	ALL	00043848
462355.06000	3773856.34000	2.9281330e-05	394.67	394.67	0.00	PERIOD	ALL	00043848
462346.41000	3773852.78000	2.9134980e-05	394.55	394.55	0.00	PERIOD	ALL	00043848
462337.76000	3773849.22000	2.8988260e-05	394.43	394.43	0.00	PERIOD	ALL	00043848
462329.10000	3773845.66000	2.8840800e-05	394.31	394.31	0.00	PERIOD	ALL	00043848
462324.02000	3773836.45000	2.9087810e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462320.38000	3773827.83000	2.9145510e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462316.74000	3773819.21000	2.9200670e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462313.10000	3773810.59000	2.9253680e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462309.46000	3773801.97000	2.9304140e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462305.82000	3773793.35000	2.9352170e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462302.18000	3773784.73000	2.9397740e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462298.54000	3773776.11000	2.9448200e-05	393.99	393.99	0.00	PERIOD	ALL	00043848
462287.62000	3773750.25000	3.0174430e-05	393.13	393.13	0.00	PERIOD	ALL	00043848
462283.98000	3773741.63000	3.0300480e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462280.34000	3773733.01000	3.0332720e-05	393.00	393.00	0.00	PERIOD	ALL	00043848

462276.70000	3773724.40000	3.0362140e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462273.06000	3773715.78000	3.0403370e-05	392.98	392.98	0.00	PERIOD	ALL	00043848
462269.43000	3773707.16000	3.0637710e-05	392.69	392.69	0.00	PERIOD	ALL	00043848
462265.79000	3773698.54000	3.0868470e-05	392.41	392.41	0.00	PERIOD	ALL	00043848
462262.15000	3773689.92000	3.1112940e-05	392.12	392.12	0.00	PERIOD	ALL	00043848
462258.51000	3773681.30000	3.1225180e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462254.87000	3773672.68000	3.1238830e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462251.23000	3773664.06000	3.1249530e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462247.59000	3773655.44000	3.1281340e-05	391.97	391.97	0.00	PERIOD	ALL	00043848
462243.95000	3773646.82000	3.1524530e-05	391.68	391.68	0.00	PERIOD	ALL	00043848
462240.31000	3773638.20000	3.1767000e-05	391.40	391.40	0.00	PERIOD	ALL	00043848
462236.67000	3773629.58000	3.2027160e-05	391.11	391.11	0.00	PERIOD	ALL	00043848
462233.03000	3773620.96000	3.2123710e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462163.87000	3773457.19000	3.2869420e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462160.23000	3773448.57000	3.2789300e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462156.59000	3773439.95000	3.2841540e-05	388.79	388.79	0.00	PERIOD	ALL	00043848
462152.95000	3773431.33000	3.2949760e-05	388.50	388.50	0.00	PERIOD	ALL	00043848
462149.31000	3773422.71000	3.3064560e-05	388.21	388.21	0.00	PERIOD	ALL	00043848
462145.67000	3773414.09000	3.3105900e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462142.03000	3773405.47000	3.3005300e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462138.39000	3773396.85000	3.2901510e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462134.75000	3773388.23000	3.2794800e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462131.11000	3773379.61000	3.2690430e-05	387.99	387.99	0.00	PERIOD	ALL	00043848
462127.48000	3773371.00000	3.2572730e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462123.84000	3773362.38000	3.2457270e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462120.20000	3773353.76000	3.2387060e-05	387.91	387.91	0.00	PERIOD	ALL	00043848
462116.56000	3773345.14000	3.2406570e-05	387.63	387.63	0.00	PERIOD	ALL	00043848
462112.92000	3773336.52000	3.2422310e-05	387.34	387.34	0.00	PERIOD	ALL	00043848
462109.28000	3773327.90000	3.2428240e-05	387.05	387.05	0.00	PERIOD	ALL	00043848
462105.64000	3773319.28000	3.2315990e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462102.00000	3773310.66000	3.2180400e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462098.36000	3773302.04000	3.2042250e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462094.72000	3773293.42000	3.1937230e-05	386.90	386.90	0.00	PERIOD	ALL	00043848
462091.08000	3773284.80000	3.2173070e-05	386.62	386.62	0.00	PERIOD	ALL	00043848
462087.44000	3773276.18000	3.2089650e-05	386.33	386.33	0.00	PERIOD	ALL	00043848
462813.76000	3774085.11000	3.8967640e-05	397.06	397.06	0.00	PERIOD	ALL	00043848
462805.11000	3774081.56000	3.8649020e-05	397.08	397.08	0.00	PERIOD	ALL	00043848
462710.04000	3774042.43000	3.5887040e-05	396.87	396.87	0.00	PERIOD	ALL	00043848
462701.40000	3774038.88000	3.5748350e-05	396.75	396.75	0.00	PERIOD	ALL	00043848
462692.76000	3774035.32000	3.5611690e-05	396.63	396.63	0.00	PERIOD	ALL	00043848
462684.11000	3774031.76000	3.5476540e-05	396.51	396.51	0.00	PERIOD	ALL	00043848
462675.47000	3774028.21000	3.5333960e-05	396.40	396.40	0.00	PERIOD	ALL	00043848
462666.83000	3774024.65000	3.5203500e-05	396.28	396.28	0.00	PERIOD	ALL	00043848
462658.18000	3774021.09000	3.5074140e-05	396.16	396.16	0.00	PERIOD	ALL	00043848
462649.54000	3774017.53000	3.4946410e-05	396.04	396.04	0.00	PERIOD	ALL	00043848
462640.90000	3774013.98000	3.4742190e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462632.26000	3774010.42000	3.4500940e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462606.33000	3773999.75000	3.3784570e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462597.68000	3773996.19000	3.3548140e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462589.04000	3773992.64000	3.3312920e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462580.40000	3773989.08000	3.3079200e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462571.76000	3773985.52000	3.2874040e-05	395.97	395.97	0.00	PERIOD	ALL	00043848
462563.11000	3773981.97000	3.2752300e-05	395.85	395.85	0.00	PERIOD	ALL	00043848
462554.47000	3773978.41000	3.2622710e-05	395.74	395.74	0.00	PERIOD	ALL	00043848
462545.83000	3773974.85000	3.2456450e-05	395.67	395.67	0.00	PERIOD	ALL	00043848
462537.18000	3773971.30000	3.2187540e-05	395.71	395.71	0.00	PERIOD	ALL	00043848
462528.54000	3773967.74000	3.1856830e-05	395.82	395.82	0.00	PERIOD	ALL	00043848
462519.90000	3773964.18000	3.1475930e-05	395.99	395.99	0.00	PERIOD	ALL	00043848
462511.26000	3773960.62000	3.1240280e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462502.61000	3773957.07000	3.1013750e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462493.97000	3773953.51000	3.0867410e-05	395.91	395.91	0.00	PERIOD	ALL	00043848
462485.33000	3773949.95000	3.0747950e-05	395.79	395.79	0.00	PERIOD	ALL	00043848
462476.68000	3773946.40000	3.0628740e-05	395.67	395.67	0.00	PERIOD	ALL	00043848
462468.04000	3773942.84000	3.0511050e-05	395.55	395.55	0.00	PERIOD	ALL	00043848
462459.40000	3773939.28000	3.0394240e-05	395.43	395.43	0.00	PERIOD	ALL	00043848
462450.76000	3773935.73000	3.0277120e-05	395.31	395.31	0.00	PERIOD	ALL	00043848
462442.11000	3773932.17000	3.0158210e-05	395.19	395.19	0.00	PERIOD	ALL	00043848
462433.47000	3773928.61000	3.0027040e-05	395.08	395.08	0.00	PERIOD	ALL	00043848
462424.83000	3773925.06000	2.9869020e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462416.18000	3773921.50000	2.9646500e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462407.54000	3773917.94000	2.9425260e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462398.90000	3773914.39000	2.9189030e-05	395.02	395.02	0.00	PERIOD	ALL	00043848
462390.26000	3773910.83000	2.8866580e-05	395.15	395.15	0.00	PERIOD	ALL	00043848
462381.61000	3773907.27000	2.8592110e-05	395.22	395.22	0.00	PERIOD	ALL	00043848
462372.97000	3773903.71000	2.8375960e-05	395.22	395.22	0.00	PERIOD	ALL	00043848
462364.33000	3773900.16000	2.8231780e-05	395.13	395.13	0.00	PERIOD	ALL	00043848
462355.68000	3773896.60000	2.8108160e-05	395.01	395.01	0.00	PERIOD	ALL	00043848
462347.04000	3773893.04000	2.7900310e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462338.40000	3773889.49000	2.7685570e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462329.76000	3773885.93000	2.7471630e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462321.11000	3773882.37000	2.7258060e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462293.45000	3773859.13000	2.6892860e-05	394.89	394.89	0.00	PERIOD	ALL	00043848

462289.81000	3773850.52000	2.6991650e-05	394.82	394.82	0.00	PERIOD	ALL	00043848
462286.18000	3773841.91000	2.7039590e-05	394.82	394.82	0.00	PERIOD	ALL	00043848
462282.54000	3773833.30000	2.7092040e-05	394.81	394.81	0.00	PERIOD	ALL	00043848
462278.90000	3773824.69000	2.7276120e-05	394.61	394.61	0.00	PERIOD	ALL	00043848
462275.27000	3773816.08000	2.7523990e-05	394.32	394.32	0.00	PERIOD	ALL	00043848
462271.63000	3773807.47000	2.7761130e-05	394.04	394.04	0.00	PERIOD	ALL	00043848
462268.00000	3773798.86000	2.7827740e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462264.36000	3773790.25000	2.7864110e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462260.73000	3773781.64000	2.7898640e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462257.09000	3773773.03000	2.8006900e-05	393.89	393.89	0.00	PERIOD	ALL	00043848
462249.82000	3773755.81000	2.8448560e-05	393.32	393.32	0.00	PERIOD	ALL	00043848
462246.18000	3773747.20000	2.8664700e-05	393.03	393.03	0.00	PERIOD	ALL	00043848
462242.55000	3773738.59000	2.8709410e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462238.91000	3773729.98000	2.8731500e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462235.28000	3773721.37000	2.8751660e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462231.64000	3773712.76000	2.8849810e-05	392.88	392.88	0.00	PERIOD	ALL	00043848
462228.00000	3773704.15000	2.9063490e-05	392.59	392.59	0.00	PERIOD	ALL	00043848
462224.37000	3773695.54000	2.9275650e-05	392.31	392.31	0.00	PERIOD	ALL	00043848
462122.57000	3773454.46000	3.0902400e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462118.93000	3773445.85000	3.0836540e-05	388.98	388.98	0.00	PERIOD	ALL	00043848
462115.30000	3773437.24000	3.0926440e-05	388.70	388.70	0.00	PERIOD	ALL	00043848
462111.66000	3773428.63000	3.1027610e-05	388.41	388.41	0.00	PERIOD	ALL	00043848
462108.03000	3773420.02000	3.1130630e-05	388.12	388.12	0.00	PERIOD	ALL	00043848
462104.39000	3773411.41000	3.1109680e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462100.75000	3773402.80000	3.1014360e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462097.12000	3773394.19000	3.0905340e-05	388.02	388.02	0.00	PERIOD	ALL	00043848
462093.48000	3773385.58000	3.0816400e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462089.85000	3773376.97000	3.0713970e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462086.21000	3773368.36000	3.0608620e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462082.58000	3773359.75000	3.0501380e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462078.94000	3773351.14000	3.0474040e-05	387.83	387.83	0.00	PERIOD	ALL	00043848
462075.30000	3773342.53000	3.0494600e-05	387.54	387.54	0.00	PERIOD	ALL	00043848
462071.67000	3773333.92000	3.0510000e-05	387.25	387.25	0.00	PERIOD	ALL	00043848
462053.49000	3773290.87000	3.0318840e-05	386.82	386.82	0.00	PERIOD	ALL	00043848
462049.85000	3773282.26000	3.0266790e-05	386.53	386.53	0.00	PERIOD	ALL	00043848
462813.63000	3774125.06000	3.6595030e-05	397.70	397.70	0.00	PERIOD	ALL	00043848
462804.97000	3774121.50000	3.6275370e-05	397.75	397.75	0.00	PERIOD	ALL	00043848
462796.32000	3774117.94000	3.5907960e-05	397.86	397.86	0.00	PERIOD	ALL	00043848
462787.67000	3774114.38000	3.5519840e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462779.01000	3774110.82000	3.5264040e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462770.36000	3774107.26000	3.5013070e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462761.71000	3774103.70000	3.4846310e-05	397.91	397.91	0.00	PERIOD	ALL	00043848
462753.05000	3774100.13000	3.4708620e-05	397.79	397.79	0.00	PERIOD	ALL	00043848
462744.40000	3774096.57000	3.4573410e-05	397.67	397.67	0.00	PERIOD	ALL	00043848
462735.75000	3774093.01000	3.4431890e-05	397.56	397.56	0.00	PERIOD	ALL	00043848
462727.09000	3774089.45000	3.4301560e-05	397.44	397.44	0.00	PERIOD	ALL	00043848
462718.44000	3774085.89000	3.4173950e-05	397.32	397.32	0.00	PERIOD	ALL	00043848
462605.95000	3774039.59000	3.1728580e-05	396.78	396.78	0.00	PERIOD	ALL	00043848
462597.29000	3774036.03000	3.1615000e-05	396.66	396.66	0.00	PERIOD	ALL	00043848
462588.64000	3774032.47000	3.1502870e-05	396.54	396.54	0.00	PERIOD	ALL	00043848
462579.99000	3774028.91000	3.1392060e-05	396.42	396.42	0.00	PERIOD	ALL	00043848
462571.33000	3774025.35000	3.1281810e-05	396.30	396.30	0.00	PERIOD	ALL	00043848
462562.68000	3774021.79000	3.1172840e-05	396.18	396.18	0.00	PERIOD	ALL	00043848
462554.03000	3774018.23000	3.1064030e-05	396.06	396.06	0.00	PERIOD	ALL	00043848
462545.37000	3774014.67000	3.0903180e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462536.72000	3774011.10000	3.0691920e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462528.07000	3774007.54000	3.0480950e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462519.41000	3774003.98000	3.0270360e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462510.76000	3774000.42000	2.9943290e-05	396.14	396.14	0.00	PERIOD	ALL	00043848
462502.11000	3773996.86000	2.9677360e-05	396.21	396.21	0.00	PERIOD	ALL	00043848
462493.45000	3773993.30000	2.9478340e-05	396.20	396.20	0.00	PERIOD	ALL	00043848
462484.80000	3773989.74000	2.9345870e-05	396.11	396.11	0.00	PERIOD	ALL	00043848
462476.15000	3773986.18000	2.9230130e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462467.49000	3773982.61000	2.9024490e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462458.84000	3773979.05000	2.8819600e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462450.19000	3773975.49000	2.8615710e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462441.53000	3773971.93000	2.8412410e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462432.88000	3773968.37000	2.8210370e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462424.23000	3773964.81000	2.8009320e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462415.57000	3773961.25000	2.7808840e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462406.92000	3773957.69000	2.7609810e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462398.27000	3773954.13000	2.7465710e-05	395.93	395.93	0.00	PERIOD	ALL	00043848
462389.61000	3773950.56000	2.7314190e-05	395.87	395.87	0.00	PERIOD	ALL	00043848
462380.96000	3773947.00000	2.7109520e-05	395.88	395.88	0.00	PERIOD	ALL	00043848
462372.31000	3773943.44000	2.6852970e-05	395.96	395.96	0.00	PERIOD	ALL	00043848
462363.65000	3773939.88000	2.6628170e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462355.00000	3773936.32000	2.6434500e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462346.35000	3773932.76000	2.6241610e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462337.69000	3773929.20000	2.6049110e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462329.04000	3773925.64000	2.5871910e-05	395.98	395.98	0.00	PERIOD	ALL	00043848
462320.39000	3773922.07000	2.5767620e-05	395.86	395.86	0.00	PERIOD	ALL	00043848
462254.97000	3773863.10000	2.5506690e-05	395.00	395.00	0.00	PERIOD	ALL	00043848

462251.33000	3773854.48000	2.5547200e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462247.69000	3773845.86000	2.5585860e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462244.05000	3773837.24000	2.5622380e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462240.41000	3773828.62000	2.5832340e-05	394.74	394.74	0.00	PERIOD	ALL	00043848
462236.77000	3773820.00000	2.6053210e-05	394.46	394.46	0.00	PERIOD	ALL	00043848
462233.13000	3773811.38000	2.6280900e-05	394.17	394.17	0.00	PERIOD	ALL	00043848
462229.49000	3773802.76000	2.6423720e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462225.85000	3773794.14000	2.6452600e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462207.65000	3773751.04000	2.6899110e-05	393.49	393.49	0.00	PERIOD	ALL	00043848
462204.01000	3773742.42000	2.6941630e-05	393.45	393.45	0.00	PERIOD	ALL	00043848
462200.37000	3773733.80000	2.7006670e-05	393.37	393.37	0.00	PERIOD	ALL	00043848
462196.73000	3773725.18000	2.7106100e-05	393.23	393.23	0.00	PERIOD	ALL	00043848
462185.81000	3773699.31000	2.7593440e-05	392.51	392.51	0.00	PERIOD	ALL	00043848
462182.17000	3773690.69000	2.7698990e-05	392.36	392.36	0.00	PERIOD	ALL	00043848
462178.53000	3773682.07000	2.7728880e-05	392.32	392.32	0.00	PERIOD	ALL	00043848
462174.89000	3773673.45000	2.7756470e-05	392.28	392.28	0.00	PERIOD	ALL	00043848
462171.25000	3773664.83000	2.7830110e-05	392.17	392.17	0.00	PERIOD	ALL	00043848
462083.88000	3773457.94000	2.9055850e-05	389.20	389.20	0.00	PERIOD	ALL	00043848
462080.24000	3773449.32000	2.9062450e-05	389.06	389.06	0.00	PERIOD	ALL	00043848
462076.60000	3773440.70000	2.9042770e-05	388.96	388.96	0.00	PERIOD	ALL	00043848
462072.96000	3773432.08000	2.8970860e-05	388.95	388.95	0.00	PERIOD	ALL	00043848
462054.76000	3773388.98000	2.8777150e-05	388.54	388.54	0.00	PERIOD	ALL	00043848
462051.12000	3773380.36000	2.8713770e-05	388.49	388.49	0.00	PERIOD	ALL	00043848
462047.48000	3773371.74000	2.8683270e-05	388.38	388.38	0.00	PERIOD	ALL	00043848
462043.84000	3773363.12000	2.8698790e-05	388.19	388.19	0.00	PERIOD	ALL	00043848
462040.20000	3773354.50000	2.8700350e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462036.56000	3773345.88000	2.8597550e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462032.92000	3773337.26000	2.8492890e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462029.28000	3773328.64000	2.8386360e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462025.64000	3773320.02000	2.8369620e-05	387.79	387.79	0.00	PERIOD	ALL	00043848
462022.00000	3773311.40000	2.8378540e-05	387.50	387.50	0.00	PERIOD	ALL	00043848
462018.36000	3773302.78000	2.8382770e-05	387.21	387.21	0.00	PERIOD	ALL	00043848
462014.72000	3773294.15000	2.8365360e-05	386.93	386.93	0.00	PERIOD	ALL	00043848
462011.08000	3773285.53000	2.8577650e-05	386.64	386.64	0.00	PERIOD	ALL	00043848
462917.47000	3774207.80000	3.7824300e-05	398.38	398.38	0.00	PERIOD	ALL	00043848
462908.82000	3774204.24000	3.7605360e-05	398.26	398.26	0.00	PERIOD	ALL	00043848
462900.18000	3774200.68000	3.7394020e-05	398.14	398.14	0.00	PERIOD	ALL	00043848
462891.54000	3774197.12000	3.7179710e-05	398.03	398.03	0.00	PERIOD	ALL	00043848
462882.89000	3774193.57000	3.6898570e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462874.25000	3774190.01000	3.6471070e-05	398.14	398.14	0.00	PERIOD	ALL	00043848
462865.60000	3774186.45000	3.6023060e-05	398.31	398.31	0.00	PERIOD	ALL	00043848
462856.96000	3774182.89000	3.5638300e-05	398.42	398.42	0.00	PERIOD	ALL	00043848
462848.31000	3774179.34000	3.5350520e-05	398.43	398.43	0.00	PERIOD	ALL	00043848
462839.67000	3774175.78000	3.5186750e-05	398.31	398.31	0.00	PERIOD	ALL	00043848
462831.02000	3774172.22000	3.5019370e-05	398.20	398.20	0.00	PERIOD	ALL	00043848
462813.74000	3774165.11000	3.4681410e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462805.09000	3774161.55000	3.4431480e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462796.45000	3774157.99000	3.4187090e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462787.80000	3774154.43000	3.3912480e-05	398.04	398.04	0.00	PERIOD	ALL	00043848
462779.16000	3774150.88000	3.3565450e-05	398.17	398.17	0.00	PERIOD	ALL	00043848
462770.51000	3774147.32000	3.3283440e-05	398.23	398.23	0.00	PERIOD	ALL	00043848
462761.87000	3774143.76000	3.3057190e-05	398.23	398.23	0.00	PERIOD	ALL	00043848
462753.22000	3774140.20000	3.2918300e-05	398.13	398.13	0.00	PERIOD	ALL	00043848
462744.58000	3774136.65000	3.2798070e-05	398.01	398.01	0.00	PERIOD	ALL	00043848
462735.93000	3774133.09000	3.2587620e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462727.29000	3774129.53000	3.2371440e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462718.65000	3774125.97000	3.2157380e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462710.00000	3774122.42000	3.1944420e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462701.36000	3774118.86000	3.1733960e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462692.71000	3774115.30000	3.1524540e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462684.07000	3774111.74000	3.1316970e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462675.42000	3774108.19000	3.1110080e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462666.78000	3774104.63000	3.0952880e-05	397.94	397.94	0.00	PERIOD	ALL	00043848
462658.13000	3774101.07000	3.0844050e-05	397.82	397.82	0.00	PERIOD	ALL	00043848
462649.49000	3774097.51000	3.0728260e-05	397.71	397.71	0.00	PERIOD	ALL	00043848
462640.84000	3774093.96000	3.0620980e-05	397.59	397.59	0.00	PERIOD	ALL	00043848
462511.18000	3774040.59000	2.8283890e-05	396.86	396.86	0.00	PERIOD	ALL	00043848
462502.53000	3774037.03000	2.8087960e-05	396.87	396.87	0.00	PERIOD	ALL	00043848
462493.89000	3774033.48000	2.7847660e-05	396.94	396.94	0.00	PERIOD	ALL	00043848
462485.24000	3774029.92000	2.7616320e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462476.60000	3774026.36000	2.7430700e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462467.95000	3774022.80000	2.7245550e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462459.31000	3774019.25000	2.7060990e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462450.67000	3774015.69000	2.6891890e-05	396.98	396.98	0.00	PERIOD	ALL	00043848
462442.02000	3774012.13000	2.6795180e-05	396.86	396.86	0.00	PERIOD	ALL	00043848
462433.38000	3774008.57000	2.6698560e-05	396.74	396.74	0.00	PERIOD	ALL	00043848
462424.73000	3774005.02000	2.6601560e-05	396.62	396.62	0.00	PERIOD	ALL	00043848
462416.09000	3774001.46000	2.6505580e-05	396.50	396.50	0.00	PERIOD	ALL	00043848
462407.44000	3773997.90000	2.6402760e-05	396.39	396.39	0.00	PERIOD	ALL	00043848
462398.80000	3773994.34000	2.6293700e-05	396.29	396.29	0.00	PERIOD	ALL	00043848
462390.15000	3773990.79000	2.6018620e-05	396.42	396.42	0.00	PERIOD	ALL	00043848
462381.51000	3773987.23000	2.5698510e-05	396.62	396.62	0.00	PERIOD	ALL	00043848

462372.86000	3773983.67000	2.5390300e-05	396.81	396.81	0.00	PERIOD	ALL	00043848
462364.22000	3773980.11000	2.5228020e-05	396.79	396.79	0.00	PERIOD	ALL	00043848
462355.58000	3773976.56000	2.5133570e-05	396.67	396.67	0.00	PERIOD	ALL	00043848
462346.93000	3773973.00000	2.5032690e-05	396.56	396.56	0.00	PERIOD	ALL	00043848
462338.29000	3773969.44000	2.4939230e-05	396.44	396.44	0.00	PERIOD	ALL	00043848
462329.64000	3773965.88000	2.4845920e-05	396.32	396.32	0.00	PERIOD	ALL	00043848
462321.00000	3773962.33000	2.4752990e-05	396.20	396.20	0.00	PERIOD	ALL	00043848
462206.23000	3773842.76000	2.4376220e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462202.59000	3773834.14000	2.4449580e-05	394.93	394.93	0.00	PERIOD	ALL	00043848
462198.95000	3773825.53000	2.4660750e-05	394.64	394.64	0.00	PERIOD	ALL	00043848
462195.32000	3773816.92000	2.4871850e-05	394.35	394.35	0.00	PERIOD	ALL	00043848
462191.68000	3773808.31000	2.5073980e-05	394.07	394.07	0.00	PERIOD	ALL	00043848
462188.04000	3773799.70000	2.5115640e-05	394.04	394.04	0.00	PERIOD	ALL	00043848
462184.41000	3773791.09000	2.5105690e-05	394.09	394.09	0.00	PERIOD	ALL	00043848
462180.77000	3773782.47000	2.5144050e-05	394.06	394.06	0.00	PERIOD	ALL	00043848
462177.14000	3773773.86000	2.5199710e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462173.50000	3773765.25000	2.5215690e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462169.86000	3773756.64000	2.5229940e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462166.23000	3773748.03000	2.5242700e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462162.59000	3773739.42000	2.5397260e-05	393.77	393.77	0.00	PERIOD	ALL	00043848
462158.95000	3773730.81000	2.5582540e-05	393.48	393.48	0.00	PERIOD	ALL	00043848
462144.41000	3773696.36000	2.5880370e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462140.77000	3773687.75000	2.5879750e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462137.13000	3773679.14000	2.6020580e-05	392.76	392.76	0.00	PERIOD	ALL	00043848
462133.50000	3773670.52000	2.6194080e-05	392.47	392.47	0.00	PERIOD	ALL	00043848
462042.59000	3773455.23000	2.7378680e-05	389.30	389.30	0.00	PERIOD	ALL	00043848
462038.95000	3773446.62000	2.7455770e-05	389.03	389.03	0.00	PERIOD	ALL	00043848
462035.31000	3773438.01000	2.7347990e-05	389.10	389.10	0.00	PERIOD	ALL	00043848
462031.68000	3773429.40000	2.7264630e-05	389.12	389.12	0.00	PERIOD	ALL	00043848
462028.04000	3773420.79000	2.7219900e-05	389.06	389.06	0.00	PERIOD	ALL	00043848
462024.41000	3773412.17000	2.7173400e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462020.77000	3773403.56000	2.7094130e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462017.13000	3773394.95000	2.7013020e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462013.50000	3773386.34000	2.6930530e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462009.86000	3773377.73000	2.6991710e-05	388.71	388.71	0.00	PERIOD	ALL	00043848
462006.22000	3773369.12000	2.7052140e-05	388.43	388.43	0.00	PERIOD	ALL	00043848
462002.59000	3773360.50000	2.7120530e-05	388.14	388.14	0.00	PERIOD	ALL	00043848
461998.95000	3773351.89000	2.7096010e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
461995.31000	3773343.28000	2.7000330e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
461991.68000	3773334.67000	2.6903330e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
461988.04000	3773326.06000	2.6808840e-05	387.99	387.99	0.00	PERIOD	ALL	00043848
461984.41000	3773317.45000	2.6825560e-05	387.70	387.70	0.00	PERIOD	ALL	00043848
461980.77000	3773308.83000	2.6829880e-05	387.42	387.42	0.00	PERIOD	ALL	00043848
461977.13000	3773300.22000	2.6833180e-05	387.13	387.13	0.00	PERIOD	ALL	00043848
461973.50000	3773291.61000	2.6769300e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
461969.86000	3773283.00000	2.6659390e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462917.47000	3774247.80000	3.5379230e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462908.81000	3774244.23000	3.5071420e-05	399.02	399.02	0.00	PERIOD	ALL	00043848
462900.16000	3774240.67000	3.4675090e-05	399.15	399.15	0.00	PERIOD	ALL	00043848
462891.51000	3774237.11000	3.4336670e-05	399.22	399.22	0.00	PERIOD	ALL	00043848
462882.85000	3774233.55000	3.4064140e-05	399.22	399.22	0.00	PERIOD	ALL	00043848
462874.20000	3774229.99000	3.3883270e-05	399.12	399.12	0.00	PERIOD	ALL	00043848
462865.54000	3774226.43000	3.3723860e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462856.89000	3774222.87000	3.3493810e-05	398.97	398.97	0.00	PERIOD	ALL	00043848
462848.23000	3774219.30000	3.3219330e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462839.58000	3774215.74000	3.2975430e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462830.93000	3774212.18000	3.2737120e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462822.27000	3774208.62000	3.2503600e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462813.62000	3774205.06000	3.2275630e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462804.96000	3774201.50000	3.2052030e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462796.31000	3774197.94000	3.1833450e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462787.66000	3774194.37000	3.1667350e-05	398.94	398.94	0.00	PERIOD	ALL	00043848
462779.00000	3774190.81000	3.1503770e-05	398.88	398.88	0.00	PERIOD	ALL	00043848
462770.35000	3774187.25000	3.1288320e-05	398.89	398.89	0.00	PERIOD	ALL	00043848
462761.69000	3774183.69000	3.1020910e-05	398.97	398.97	0.00	PERIOD	ALL	00043848
462753.04000	3774180.13000	3.0796710e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462744.39000	3774176.57000	3.0598530e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462735.73000	3774173.00000	3.0402620e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462727.08000	3774169.44000	3.0208700e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462718.42000	3774165.88000	3.0031430e-05	398.98	398.98	0.00	PERIOD	ALL	00043848
462709.77000	3774162.32000	2.9923660e-05	398.87	398.87	0.00	PERIOD	ALL	00043848
462701.11000	3774158.76000	2.9823400e-05	398.75	398.75	0.00	PERIOD	ALL	00043848
462692.46000	3774155.20000	2.9724000e-05	398.63	398.63	0.00	PERIOD	ALL	00043848
462683.81000	3774151.64000	2.9625570e-05	398.51	398.51	0.00	PERIOD	ALL	00043848
462675.15000	3774148.07000	2.9528120e-05	398.39	398.39	0.00	PERIOD	ALL	00043848
462666.50000	3774144.51000	2.9431830e-05	398.27	398.27	0.00	PERIOD	ALL	00043848
462657.84000	3774140.95000	2.9335480e-05	398.15	398.15	0.00	PERIOD	ALL	00043848
462649.19000	3774137.39000	2.9232110e-05	398.04	398.04	0.00	PERIOD	ALL	00043848
462640.54000	3774133.83000	2.9076650e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462631.88000	3774130.27000	2.8891610e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462605.92000	3774119.58000	2.8344380e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462597.27000	3774116.02000	2.8164280e-05	398.00	398.00	0.00	PERIOD	ALL	00043848

462588.61000	3774112.46000	2.7985070e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462579.96000	3774108.90000	2.7807500e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462571.30000	3774105.34000	2.7652350e-05	397.97	397.97	0.00	PERIOD	ALL	00043848
462562.65000	3774101.77000	2.7563430e-05	397.85	397.85	0.00	PERIOD	ALL	00043848
462554.00000	3774098.21000	2.7474550e-05	397.73	397.73	0.00	PERIOD	ALL	00043848
462545.34000	3774094.65000	2.7343090e-05	397.67	397.67	0.00	PERIOD	ALL	00043848
462536.69000	3774091.09000	2.7141380e-05	397.71	397.71	0.00	PERIOD	ALL	00043848
462528.03000	3774087.53000	2.6891490e-05	397.82	397.82	0.00	PERIOD	ALL	00043848
462519.38000	3774083.97000	2.6595460e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462415.53000	3774041.23000	2.5259240e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462406.88000	3774037.67000	2.5092320e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462398.22000	3774034.11000	2.4905790e-05	397.03	397.03	0.00	PERIOD	ALL	00043848
462389.57000	3774030.54000	2.4654560e-05	397.16	397.16	0.00	PERIOD	ALL	00043848
462380.91000	3774026.98000	2.4451030e-05	397.22	397.22	0.00	PERIOD	ALL	00043848
462372.26000	3774023.42000	2.4288250e-05	397.22	397.22	0.00	PERIOD	ALL	00043848
462363.60000	3774019.86000	2.4190840e-05	397.12	397.12	0.00	PERIOD	ALL	00043848
462354.95000	3774016.30000	2.4106730e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462346.30000	3774012.74000	2.3945490e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462337.64000	3774009.18000	2.3784770e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462328.99000	3774005.61000	2.3625230e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462320.33000	3774002.05000	2.3465990e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462211.40000	3773950.10000	2.1731830e-05	396.79	396.79	0.00	PERIOD	ALL	00043848
462207.76000	3773941.48000	2.1938480e-05	396.50	396.50	0.00	PERIOD	ALL	00043848
462204.12000	3773932.86000	2.2143330e-05	396.22	396.22	0.00	PERIOD	ALL	00043848
462200.48000	3773924.24000	2.2313850e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462196.84000	3773915.62000	2.2348550e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462193.20000	3773906.99000	2.2381590e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462189.56000	3773898.37000	2.2412890e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462185.92000	3773889.75000	2.2562290e-05	395.81	395.81	0.00	PERIOD	ALL	00043848
462182.28000	3773881.13000	2.2713300e-05	395.62	395.62	0.00	PERIOD	ALL	00043848
462171.36000	3773855.27000	2.2950770e-05	395.38	395.38	0.00	PERIOD	ALL	00043848
462167.72000	3773846.65000	2.3061730e-05	395.25	395.25	0.00	PERIOD	ALL	00043848
462164.08000	3773838.02000	2.3213920e-05	395.05	395.05	0.00	PERIOD	ALL	00043848
462160.44000	3773829.40000	2.3272510e-05	394.99	394.99	0.00	PERIOD	ALL	00043848
462156.80000	3773820.78000	2.3285810e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462153.15000	3773812.16000	2.3303590e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462149.51000	3773803.54000	2.3376130e-05	394.91	394.91	0.00	PERIOD	ALL	00043848
462145.87000	3773794.92000	2.3568740e-05	394.62	394.62	0.00	PERIOD	ALL	00043848
462127.67000	3773751.81000	2.4004580e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462124.03000	3773743.19000	2.4070820e-05	393.90	393.90	0.00	PERIOD	ALL	00043848
462120.39000	3773734.57000	2.4246620e-05	393.61	393.61	0.00	PERIOD	ALL	00043848
462116.75000	3773725.95000	2.4411170e-05	393.32	393.32	0.00	PERIOD	ALL	00043848
462105.83000	3773700.09000	2.4587770e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462102.19000	3773691.46000	2.4584250e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462098.55000	3773682.84000	2.4646130e-05	392.88	392.88	0.00	PERIOD	ALL	00043848
462094.91000	3773674.22000	2.4798380e-05	392.60	392.60	0.00	PERIOD	ALL	00043848
462091.27000	3773665.60000	2.4959910e-05	392.31	392.31	0.00	PERIOD	ALL	00043848
462003.90000	3773458.69000	2.5553730e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462000.26000	3773450.07000	2.5492020e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
461996.61000	3773441.45000	2.5479880e-05	389.91	389.91	0.00	PERIOD	ALL	00043848
461992.97000	3773432.83000	2.5475780e-05	389.80	389.80	0.00	PERIOD	ALL	00043848
461989.33000	3773424.21000	2.5430220e-05	389.76	389.76	0.00	PERIOD	ALL	00043848
461985.69000	3773415.59000	2.5350690e-05	389.78	389.78	0.00	PERIOD	ALL	00043848
461982.05000	3773406.96000	2.5359890e-05	389.63	389.63	0.00	PERIOD	ALL	00043848
461978.41000	3773398.34000	2.5410040e-05	389.40	389.40	0.00	PERIOD	ALL	00043848
461974.77000	3773389.72000	2.5481210e-05	389.11	389.11	0.00	PERIOD	ALL	00043848
461971.13000	3773381.10000	2.5533870e-05	388.83	388.83	0.00	PERIOD	ALL	00043848
461967.49000	3773372.48000	2.5594220e-05	388.54	388.54	0.00	PERIOD	ALL	00043848
461963.85000	3773363.86000	2.5659900e-05	388.25	388.25	0.00	PERIOD	ALL	00043848
461960.21000	3773355.24000	2.5694410e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
461956.57000	3773346.62000	2.5606400e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
461952.93000	3773338.00000	2.5516980e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
461949.29000	3773329.37000	2.5426240e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
461945.65000	3773320.75000	2.5407190e-05	387.81	387.81	0.00	PERIOD	ALL	00043848
461942.01000	3773312.13000	2.5414770e-05	387.53	387.53	0.00	PERIOD	ALL	00043848
461938.37000	3773303.51000	2.5422240e-05	387.24	387.24	0.00	PERIOD	ALL	00043848
461934.73000	3773294.89000	2.5402350e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
461931.09000	3773286.27000	2.5301640e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462929.80000	3773288.39000	6.4474980e-04	383.74	383.74	0.00	PERIOD	ALL	00043848
462939.13000	3773288.39000	7.0523070e-04	383.74	383.74	0.00	PERIOD	ALL	00043848
462948.45000	3773288.39000	7.7403100e-04	383.74	383.74	0.00	PERIOD	ALL	00043848
462957.78000	3773288.39000	8.5293610e-04	383.74	383.74	0.00	PERIOD	ALL	00043848
462967.11000	3773288.39000	9.4382950e-04	383.74	383.74	0.00	PERIOD	ALL	00043848
462976.44000	3773288.39000	1.0487110e-03	383.74	383.74	0.00	PERIOD	ALL	00043848
462985.76000	3773288.39000	1.1685540e-03	383.74	383.74	0.00	PERIOD	ALL	00043848
462995.09000	3773288.39000	1.3016090e-03	383.74	383.74	0.00	PERIOD	ALL	00043848
463004.42000	3773288.39000	1.4403290e-03	383.62	383.62	0.00	PERIOD	ALL	00043848
462929.80000	3773298.39000	5.9147990e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462939.13000	3773298.39000	6.4120500e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462948.45000	3773298.39000	6.9647320e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462957.78000	3773298.39000	7.5802850e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462967.11000	3773298.39000	8.2632030e-04	384.00	384.00	0.00	PERIOD	ALL	00043848

462976.44000	3773298.39000	9.0141940e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462985.76000	3773298.39000	9.8227340e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462995.09000	3773298.39000	1.0661260e-03	384.00	384.00	0.00	PERIOD	ALL	00043848
462929.80000	3773308.39000	5.4436060e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462939.13000	3773308.39000	5.8535490e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462948.45000	3773308.39000	6.2994400e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462957.78000	3773308.39000	6.7832360e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462967.11000	3773308.39000	7.3031810e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462976.44000	3773308.39000	7.8536120e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462985.76000	3773308.39000	8.4211950e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462995.09000	3773308.39000	8.9845040e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463004.42000	3773308.39000	9.5194810e-04	383.90	383.90	0.00	PERIOD	ALL	00043848
462929.80000	3773318.39000	5.0188910e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462939.13000	3773318.39000	5.3576140e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462948.45000	3773318.39000	5.7189990e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462957.78000	3773318.39000	6.1023790e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462967.11000	3773318.39000	6.5038600e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462976.44000	3773318.39000	6.9168370e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462985.76000	3773318.39000	7.3300920e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462995.09000	3773318.39000	7.7290930e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462929.80000	3773328.39000	4.6348860e-04	384.07	384.07	0.00	PERIOD	ALL	00043848
462939.13000	3773328.39000	4.9158330e-04	384.07	384.07	0.00	PERIOD	ALL	00043848
462948.45000	3773328.39000	5.2105980e-04	384.07	384.07	0.00	PERIOD	ALL	00043848
462957.78000	3773328.39000	5.5174930e-04	384.07	384.07	0.00	PERIOD	ALL	00043848
462967.11000	3773328.39000	5.8323830e-04	384.07	384.07	0.00	PERIOD	ALL	00043848
462976.44000	3773328.39000	6.1506320e-04	384.05	384.05	0.00	PERIOD	ALL	00043848
462985.76000	3773328.39000	6.4627680e-04	384.03	384.03	0.00	PERIOD	ALL	00043848
462995.09000	3773328.39000	6.7592900e-04	384.01	384.01	0.00	PERIOD	ALL	00043848
462929.80000	3773338.39000	4.2820020e-04	384.40	384.40	0.00	PERIOD	ALL	00043848
462939.13000	3773338.39000	4.5158750e-04	384.40	384.40	0.00	PERIOD	ALL	00043848
462948.45000	3773338.39000	4.7578120e-04	384.40	384.40	0.00	PERIOD	ALL	00043848
462957.78000	3773338.39000	5.0059280e-04	384.40	384.40	0.00	PERIOD	ALL	00043848
462967.11000	3773338.39000	5.2565190e-04	384.40	384.40	0.00	PERIOD	ALL	00043848
462976.44000	3773338.39000	5.5093450e-04	384.31	384.31	0.00	PERIOD	ALL	00043848
462985.76000	3773338.39000	5.7559110e-04	384.19	384.19	0.00	PERIOD	ALL	00043848
462995.09000	3773338.39000	5.9890570e-04	384.06	384.06	0.00	PERIOD	ALL	00043848
463004.42000	3773338.39000	6.1971430e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462929.80000	3773348.39000	3.9681270e-04	384.74	384.74	0.00	PERIOD	ALL	00043848
462939.13000	3773348.39000	4.1642830e-04	384.74	384.74	0.00	PERIOD	ALL	00043848
462948.45000	3773348.39000	4.3648530e-04	384.74	384.74	0.00	PERIOD	ALL	00043848
462957.78000	3773348.39000	4.5680640e-04	384.74	384.74	0.00	PERIOD	ALL	00043848
462967.11000	3773348.39000	4.7708600e-04	384.74	384.74	0.00	PERIOD	ALL	00043848
462976.44000	3773348.39000	4.9765790e-04	384.57	384.57	0.00	PERIOD	ALL	00043848
462985.76000	3773348.39000	5.1772050e-04	384.34	384.34	0.00	PERIOD	ALL	00043848
462995.09000	3773348.39000	5.3661880e-04	384.11	384.11	0.00	PERIOD	ALL	00043848
462929.80000	3773368.39000	3.4506540e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462939.13000	3773368.39000	3.5925390e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462948.45000	3773368.39000	3.7351070e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462957.78000	3773368.39000	3.8771140e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462967.11000	3773368.39000	4.0166040e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462976.44000	3773368.39000	4.1557620e-04	384.86	384.86	0.00	PERIOD	ALL	00043848
462985.76000	3773368.39000	4.2896340e-04	384.68	384.68	0.00	PERIOD	ALL	00043848
462995.09000	3773368.39000	4.4154790e-04	384.49	384.49	0.00	PERIOD	ALL	00043848
462929.80000	3773388.39000	3.0397250e-04	385.07	385.07	0.00	PERIOD	ALL	00043848
462939.13000	3773388.39000	3.1458140e-04	385.07	385.07	0.00	PERIOD	ALL	00043848
462948.45000	3773388.39000	3.2512110e-04	385.07	385.07	0.00	PERIOD	ALL	00043848
462957.78000	3773388.39000	3.3551290e-04	385.07	385.07	0.00	PERIOD	ALL	00043848
462967.11000	3773388.39000	3.4563390e-04	385.07	385.07	0.00	PERIOD	ALL	00043848
462976.44000	3773388.39000	3.5536720e-04	385.07	385.07	0.00	PERIOD	ALL	00043848
462985.76000	3773388.39000	3.6458880e-04	385.07	385.07	0.00	PERIOD	ALL	00043848
462995.09000	3773388.39000	3.7320980e-04	385.07	385.07	0.00	PERIOD	ALL	00043848
462929.80000	3773408.39000	2.6965410e-04	385.74	385.74	0.00	PERIOD	ALL	00043848
462939.13000	3773408.39000	2.7779810e-04	385.74	385.74	0.00	PERIOD	ALL	00043848
462948.45000	3773408.39000	2.8583420e-04	385.74	385.74	0.00	PERIOD	ALL	00043848
462957.78000	3773408.39000	2.9371450e-04	385.74	385.74	0.00	PERIOD	ALL	00043848
462967.11000	3773408.39000	3.0136150e-04	385.74	385.74	0.00	PERIOD	ALL	00043848
462976.44000	3773408.39000	3.0870760e-04	385.74	385.74	0.00	PERIOD	ALL	00043848
462985.76000	3773408.39000	3.1567960e-04	385.74	385.74	0.00	PERIOD	ALL	00043848
462995.09000	3773408.39000	3.2223590e-04	385.74	385.74	0.00	PERIOD	ALL	00043848
463004.42000	3773408.39000	3.2854670e-04	385.62	385.62	0.00	PERIOD	ALL	00043848
462929.80000	3773428.39000	2.4223520e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462939.13000	3773428.39000	2.4868190e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462948.45000	3773428.39000	2.5501920e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462957.78000	3773428.39000	2.6121840e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462967.11000	3773428.39000	2.6722950e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462976.44000	3773428.39000	2.7301130e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462985.76000	3773428.39000	2.7851980e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
462995.09000	3773428.39000	2.8373310e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463004.42000	3773428.39000	2.8875740e-04	385.91	385.91	0.00	PERIOD	ALL	00043848
462929.80000	3773448.39000	2.1974250e-04	386.07	386.07	0.00	PERIOD	ALL	00043848
462939.13000	3773448.39000	2.2498170e-04	386.07	386.07	0.00	PERIOD	ALL	00043848
462948.45000	3773448.39000	2.3012360e-04	386.07	386.07	0.00	PERIOD	ALL	00043848

462957.78000	3773448.39000	2.3515130e-04	386.07	386.07	0.00	PERIOD	ALL	00043848
462967.11000	3773448.39000	2.4003160e-04	386.07	386.07	0.00	PERIOD	ALL	00043848
462976.44000	3773448.39000	2.4473880e-04	386.07	386.07	0.00	PERIOD	ALL	00043848
462985.76000	3773448.39000	2.4924480e-04	386.07	386.07	0.00	PERIOD	ALL	00043848
462995.09000	3773448.39000	2.5353940e-04	386.07	386.07	0.00	PERIOD	ALL	00043848
463004.42000	3773448.39000	2.5761480e-04	386.06	386.06	0.00	PERIOD	ALL	00043848
462929.80000	3773488.39000	1.8123760e-04	387.13	387.13	0.00	PERIOD	ALL	00043848
462939.13000	3773488.39000	1.8524160e-04	387.01	387.01	0.00	PERIOD	ALL	00043848
462948.45000	3773488.39000	1.8887430e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462957.78000	3773488.39000	1.9241620e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462967.11000	3773488.39000	1.9587820e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462976.44000	3773488.39000	1.9925040e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462985.76000	3773488.39000	2.0252020e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462995.09000	3773488.39000	2.0568810e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462929.80000	3773508.39000	1.6733010e-04	387.37	387.37	0.00	PERIOD	ALL	00043848
462939.13000	3773508.39000	1.7131650e-04	387.08	387.08	0.00	PERIOD	ALL	00043848
462948.45000	3773508.39000	1.7446520e-04	387.07	387.07	0.00	PERIOD	ALL	00043848
462957.78000	3773508.39000	1.7754000e-04	387.07	387.07	0.00	PERIOD	ALL	00043848
462967.11000	3773508.39000	1.8055610e-04	387.07	387.07	0.00	PERIOD	ALL	00043848
462976.44000	3773508.39000	1.8350690e-04	387.07	387.07	0.00	PERIOD	ALL	00043848
462985.76000	3773508.39000	1.8638400e-04	387.07	387.07	0.00	PERIOD	ALL	00043848
462995.09000	3773508.39000	1.8918960e-04	387.07	387.07	0.00	PERIOD	ALL	00043848
462929.80000	3773528.39000	1.5476960e-04	387.82	387.82	0.00	PERIOD	ALL	00043848
462939.13000	3773528.39000	1.5776210e-04	387.74	387.74	0.00	PERIOD	ALL	00043848
462948.45000	3773528.39000	1.6049910e-04	387.74	387.74	0.00	PERIOD	ALL	00043848
462957.78000	3773528.39000	1.6320430e-04	387.74	387.74	0.00	PERIOD	ALL	00043848
462967.11000	3773528.39000	1.6586970e-04	387.74	387.74	0.00	PERIOD	ALL	00043848
462976.44000	3773528.39000	1.6849140e-04	387.74	387.74	0.00	PERIOD	ALL	00043848
462985.76000	3773528.39000	1.7106350e-04	387.74	387.74	0.00	PERIOD	ALL	00043848
462995.09000	3773528.39000	1.7358960e-04	387.74	387.74	0.00	PERIOD	ALL	00043848
462929.80000	3773548.39000	1.4310220e-04	388.40	388.40	0.00	PERIOD	ALL	00043848
462939.13000	3773548.39000	1.4554730e-04	388.40	388.40	0.00	PERIOD	ALL	00043848
462948.45000	3773548.39000	1.4843950e-04	388.28	388.28	0.00	PERIOD	ALL	00043848
462957.78000	3773548.39000	1.5131370e-04	388.16	388.16	0.00	PERIOD	ALL	00043848
462967.11000	3773548.39000	1.5415650e-04	388.03	388.03	0.00	PERIOD	ALL	00043848
462976.44000	3773548.39000	1.5662490e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462985.76000	3773548.39000	1.5895950e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462995.09000	3773548.39000	1.6126610e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462929.80000	3773578.39000	1.2904070e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462939.13000	3773578.39000	1.3112970e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462948.45000	3773578.39000	1.3375830e-04	388.82	388.82	0.00	PERIOD	ALL	00043848
462957.78000	3773578.39000	1.3641160e-04	388.64	388.64	0.00	PERIOD	ALL	00043848
462967.11000	3773578.39000	1.3912280e-04	388.45	388.45	0.00	PERIOD	ALL	00043848
462976.44000	3773578.39000	1.4136820e-04	388.40	388.40	0.00	PERIOD	ALL	00043848
462985.76000	3773578.39000	1.4342920e-04	388.40	388.40	0.00	PERIOD	ALL	00043848
462995.09000	3773578.39000	1.4548210e-04	388.40	388.40	0.00	PERIOD	ALL	00043848
462929.80000	3773608.39000	1.1875100e-04	389.13	389.13	0.00	PERIOD	ALL	00043848
462939.13000	3773608.39000	1.2091230e-04	389.01	389.01	0.00	PERIOD	ALL	00043848
462948.45000	3773608.39000	1.2278860e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462957.78000	3773608.39000	1.2464200e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462967.11000	3773608.39000	1.2649710e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462976.44000	3773608.39000	1.2835430e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462985.76000	3773608.39000	1.3021260e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462995.09000	3773608.39000	1.3207710e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462929.80000	3773638.39000	1.0917560e-04	389.60	389.60	0.00	PERIOD	ALL	00043848
462939.13000	3773638.39000	1.1133830e-04	389.41	389.41	0.00	PERIOD	ALL	00043848
462948.45000	3773638.39000	1.1303270e-04	389.40	389.40	0.00	PERIOD	ALL	00043848
462957.78000	3773638.39000	1.1471150e-04	389.40	389.40	0.00	PERIOD	ALL	00043848
462967.11000	3773638.39000	1.1640050e-04	389.40	389.40	0.00	PERIOD	ALL	00043848
462976.44000	3773638.39000	1.1834670e-04	389.31	389.31	0.00	PERIOD	ALL	00043848
462985.76000	3773638.39000	1.2037340e-04	389.19	389.19	0.00	PERIOD	ALL	00043848
462995.09000	3773638.39000	1.2242440e-04	389.06	389.06	0.00	PERIOD	ALL	00043848
462929.80000	3773668.39000	1.0117800e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
462939.13000	3773668.39000	1.0268970e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
462948.45000	3773668.39000	1.0421470e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
462957.78000	3773668.39000	1.0575710e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
462967.11000	3773668.39000	1.0731640e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
462976.44000	3773668.39000	1.0925100e-04	389.86	389.86	0.00	PERIOD	ALL	00043848
462985.76000	3773668.39000	1.1129210e-04	389.68	389.68	0.00	PERIOD	ALL	00043848
462995.09000	3773668.39000	1.1338570e-04	389.49	389.49	0.00	PERIOD	ALL	00043848
462929.80000	3773698.39000	9.4263270e-05	390.40	390.40	0.00	PERIOD	ALL	00043848
462939.13000	3773698.39000	9.5661810e-05	390.40	390.40	0.00	PERIOD	ALL	00043848
462948.45000	3773698.39000	9.7355270e-05	390.28	390.28	0.00	PERIOD	ALL	00043848
462957.78000	3773698.39000	9.9075140e-05	390.16	390.16	0.00	PERIOD	ALL	00043848
462967.11000	3773698.39000	1.0084360e-04	390.03	390.03	0.00	PERIOD	ALL	00043848
462976.44000	3773698.39000	1.0240260e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
462985.76000	3773698.39000	1.0391480e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
462995.09000	3773698.39000	1.0545670e-04	390.00	390.00	0.00	PERIOD	ALL	00043848
462929.80000	3773728.39000	8.7753010e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462939.13000	3773728.39000	8.9056000e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462948.45000	3773728.39000	9.0829880e-05	390.82	390.82	0.00	PERIOD	ALL	00043848
462957.78000	3773728.39000	9.2583100e-05	390.64	390.64	0.00	PERIOD	ALL	00043848

462967.11000	3773728.39000	9.4374870e-05	390.45	390.45	0.00	PERIOD	ALL	00043848
462976.44000	3773728.39000	9.5893300e-05	390.40	390.40	0.00	PERIOD	ALL	00043848
462985.76000	3773728.39000	9.7333240e-05	390.40	390.40	0.00	PERIOD	ALL	00043848
462995.09000	3773728.39000	9.8806930e-05	390.40	390.40	0.00	PERIOD	ALL	00043848
463004.42000	3773728.39000	1.0031580e-04	390.40	390.40	0.00	PERIOD	ALL	00043848
462929.80000	3773758.39000	8.2352580e-05	391.40	391.40	0.00	PERIOD	ALL	00043848
462939.13000	3773758.39000	8.3579250e-05	391.40	391.40	0.00	PERIOD	ALL	00043848
462948.45000	3773758.39000	8.5108640e-05	391.28	391.28	0.00	PERIOD	ALL	00043848
462957.78000	3773758.39000	8.6675520e-05	391.16	391.16	0.00	PERIOD	ALL	00043848
462967.11000	3773758.39000	8.8303300e-05	391.03	391.03	0.00	PERIOD	ALL	00043848
462976.44000	3773758.39000	8.9721540e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462985.76000	3773758.39000	9.1097920e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462995.09000	3773758.39000	9.2511620e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
463004.42000	3773758.39000	9.3964180e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462929.80000	3773788.39000	7.7230530e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462939.13000	3773788.39000	7.8390150e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462948.45000	3773788.39000	7.9930330e-05	391.82	391.82	0.00	PERIOD	ALL	00043848
462957.78000	3773788.39000	8.1514100e-05	391.64	391.64	0.00	PERIOD	ALL	00043848
462967.11000	3773788.39000	8.3165640e-05	391.45	391.45	0.00	PERIOD	ALL	00043848
462976.44000	3773788.39000	8.4561350e-05	391.40	391.40	0.00	PERIOD	ALL	00043848
462985.76000	3773788.39000	8.5883780e-05	391.40	391.40	0.00	PERIOD	ALL	00043848
462995.09000	3773788.39000	8.7245930e-05	391.40	391.40	0.00	PERIOD	ALL	00043848
462929.80000	3773818.39000	7.3072570e-05	392.40	392.40	0.00	PERIOD	ALL	00043848
462939.13000	3773818.39000	7.4177880e-05	392.40	392.40	0.00	PERIOD	ALL	00043848
462948.45000	3773818.39000	7.5521440e-05	392.28	392.28	0.00	PERIOD	ALL	00043848
462957.78000	3773818.39000	7.6902240e-05	392.16	392.16	0.00	PERIOD	ALL	00043848
462967.11000	3773818.39000	7.8339070e-05	392.03	392.03	0.00	PERIOD	ALL	00043848
462976.44000	3773818.39000	7.9630850e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462985.76000	3773818.39000	8.0903430e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462995.09000	3773818.39000	8.2217430e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462929.80000	3773848.39000	6.9036590e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462939.13000	3773848.39000	7.0091380e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462948.45000	3773848.39000	7.1454840e-05	392.82	392.82	0.00	PERIOD	ALL	00043848
462957.78000	3773848.39000	7.2856800e-05	392.64	392.64	0.00	PERIOD	ALL	00043848
462967.11000	3773848.39000	7.4318090e-05	392.45	392.45	0.00	PERIOD	ALL	00043848
462976.44000	3773848.39000	7.5592380e-05	392.40	392.40	0.00	PERIOD	ALL	00043848
462985.76000	3773848.39000	7.6821670e-05	392.40	392.40	0.00	PERIOD	ALL	00043848
462995.09000	3773848.39000	7.8093660e-05	392.40	392.40	0.00	PERIOD	ALL	00043848
463004.42000	3773848.39000	7.9410140e-05	392.40	392.40	0.00	PERIOD	ALL	00043848
462929.80000	3773888.39000	6.4331270e-05	393.74	393.74	0.00	PERIOD	ALL	00043848
462939.13000	3773888.39000	6.5327290e-05	393.74	393.74	0.00	PERIOD	ALL	00043848
462948.45000	3773888.39000	6.6666270e-05	393.52	393.52	0.00	PERIOD	ALL	00043848
462957.78000	3773888.39000	6.8047080e-05	393.29	393.29	0.00	PERIOD	ALL	00043848
462967.11000	3773888.39000	6.9469000e-05	393.06	393.06	0.00	PERIOD	ALL	00043848
462976.44000	3773888.39000	7.0691620e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462985.76000	3773888.39000	7.1866280e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462995.09000	3773888.39000	7.3084430e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
462929.80000	3773928.39000	6.0617240e-05	394.07	394.07	0.00	PERIOD	ALL	00043848
462939.13000	3773928.39000	6.1563700e-05	394.07	394.07	0.00	PERIOD	ALL	00043848
462948.45000	3773928.39000	6.2567310e-05	394.05	394.05	0.00	PERIOD	ALL	00043848
462957.78000	3773928.39000	6.3604470e-05	394.03	394.03	0.00	PERIOD	ALL	00043848
462967.11000	3773928.39000	6.4676380e-05	394.01	394.01	0.00	PERIOD	ALL	00043848
462976.44000	3773928.39000	6.5771120e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462985.76000	3773928.39000	6.6889920e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462995.09000	3773928.39000	6.8052290e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
462929.80000	3773968.39000	5.6402340e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462939.13000	3773968.39000	5.7295280e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462948.45000	3773968.39000	5.8461260e-05	394.82	394.82	0.00	PERIOD	ALL	00043848
462957.78000	3773968.39000	5.9659390e-05	394.64	394.64	0.00	PERIOD	ALL	00043848
462967.11000	3773968.39000	6.0908370e-05	394.45	394.45	0.00	PERIOD	ALL	00043848
462976.44000	3773968.39000	6.2006560e-05	394.40	394.40	0.00	PERIOD	ALL	00043848
462985.76000	3773968.39000	6.3074530e-05	394.40	394.40	0.00	PERIOD	ALL	00043848
462995.09000	3773968.39000	6.4185420e-05	394.40	394.40	0.00	PERIOD	ALL	00043848
463004.42000	3773968.39000	6.5424900e-05	394.34	394.34	0.00	PERIOD	ALL	00043848
462929.80000	3774008.39000	5.3375490e-05	395.24	395.24	0.00	PERIOD	ALL	00043848
462939.13000	3774008.39000	5.4526800e-05	395.01	395.01	0.00	PERIOD	ALL	00043848
462948.45000	3774008.39000	5.5416330e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462957.78000	3774008.39000	5.6325000e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462967.11000	3774008.39000	5.7266770e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462976.44000	3774008.39000	5.8243840e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462985.76000	3774008.39000	5.9257690e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
462995.09000	3774008.39000	6.0313210e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
463004.42000	3774008.39000	6.1465000e-05	394.96	394.96	0.00	PERIOD	ALL	00043848
462929.80000	3774168.39000	4.0940690e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462939.13000	3774168.39000	4.1574260e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462948.45000	3774168.39000	4.2229500e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462957.78000	3774168.39000	4.2908870e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462967.11000	3774168.39000	4.3613310e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462976.44000	3774168.39000	4.4557580e-05	397.79	397.79	0.00	PERIOD	ALL	00043848
462985.76000	3774168.39000	4.5615700e-05	397.50	397.50	0.00	PERIOD	ALL	00043848
462995.09000	3774168.39000	4.6715230e-05	397.21	397.21	0.00	PERIOD	ALL	00043848
462929.80000	3774208.39000	3.8513850e-05	398.40	398.40	0.00	PERIOD	ALL	00043848

462939.13000	3774208.39000	3.9092920e-05	398.40	398.40	0.00	PERIOD	ALL	00043848
462948.45000	3774208.39000	3.9691110e-05	398.40	398.40	0.00	PERIOD	ALL	00043848
462957.78000	3774208.39000	4.0310770e-05	398.40	398.40	0.00	PERIOD	ALL	00043848
462967.11000	3774208.39000	4.0952290e-05	398.40	398.40	0.00	PERIOD	ALL	00043848
462976.44000	3774208.39000	4.1704990e-05	398.31	398.31	0.00	PERIOD	ALL	00043848
462985.76000	3774208.39000	4.2513080e-05	398.19	398.19	0.00	PERIOD	ALL	00043848
462995.09000	3774208.39000	4.3358800e-05	398.06	398.06	0.00	PERIOD	ALL	00043848
462929.80000	3774248.39000	3.6018060e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462939.13000	3774248.39000	3.6540860e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462948.45000	3774248.39000	3.7080190e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462957.78000	3774248.39000	3.7637780e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462967.11000	3774248.39000	3.8214190e-05	399.00	399.00	0.00	PERIOD	ALL	00043848
462976.44000	3774248.39000	3.8864720e-05	398.94	398.94	0.00	PERIOD	ALL	00043848
462985.76000	3774248.39000	3.9554360e-05	398.86	398.86	0.00	PERIOD	ALL	00043848
462995.09000	3774248.39000	4.0267900e-05	398.78	398.78	0.00	PERIOD	ALL	00043848
463004.42000	3774248.39000	4.0969690e-05	398.74	398.74	0.00	PERIOD	ALL	00043848

*HARP - HRACalc v22118 7/31/2024 9:43:31 PM - Cancer Risk - Input File: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Worker_25yr_HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RI	MMILK_RIS	WATER_RIS	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		463043.4	3773291	1.01E-07	25YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		463054.6	3773282	1.30E-07	25YrCance	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		463050.8	3773297	8.52E-08	25YrCance	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		463062.2	3773289	1.05E-07	25YrCance	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		463059	3773303	7.41E-08	25YrCance	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		463046.8	3773309	6.63E-08	25YrCance	6.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		463069.8	3773295	8.81E-08	25YrCance	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		463066.4	3773310	6.52E-08	25YrCance	6.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		463054	3773316	5.89E-08	25YrCance	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		463041.6	3773321	5.31E-08	25YrCance	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		463077.3	3773302	7.59E-08	25YrCance	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		463073.8	3773317	5.81E-08	25YrCance	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		463061.2	3773322	5.30E-08	25YrCance	5.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		463048.6	3773328	4.83E-08	25YrCance	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		463084.9	3773308	6.66E-08	25YrCance	6.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		463088.8	3773330	4.77E-08	25YrCance	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		463075.8	3773336	4.41E-08	25YrCance	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		463062.8	3773342	4.08E-08	25YrCance	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		463049.9	3773348	3.77E-08	25YrCance	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		463100.1	3773321	5.34E-08	25YrCance	5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		463103.8	3773343	4.04E-08	25YrCance	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		463090.6	3773349	3.78E-08	25YrCance	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		463077.3	3773355	3.53E-08	25YrCance	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		463064.1	3773361	3.29E-08	25YrCance	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		463050.8	3773367	3.07E-08	25YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		463115.2	3773334	4.46E-08	25YrCance	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		463119.2	3773356	3.52E-08	25YrCance	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		463106.5	3773362	3.32E-08	25YrCance	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		463093.7	3773367	3.13E-08	25YrCance	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		463081	3773373	2.95E-08	25YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		463068.2	3773379	2.78E-08	25YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		463055.4	3773385	2.62E-08	25YrCance	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		463042.7	3773391	2.47E-08	25YrCance	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		463130.4	3773347	3.83E-08	25YrCance	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		463134.3	3773369	3.11E-08	25YrCance	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		463121.3	3773375	2.95E-08	25YrCance	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		463108.3	3773381	2.79E-08	25YrCance	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		463095.3	3773387	2.65E-08	25YrCance	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		463082.3	3773393	2.51E-08	25YrCance	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		463069.3	3773399	2.38E-08	25YrCance	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		463056.4	3773405	2.26E-08	25YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		463043.4	3773411	2.14E-08	25YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		463145.5	3773360	3.36E-08	25YrCance	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		463149.3	3773382	2.80E-08	25YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		463136.1	3773388	2.66E-08	25YrCance	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		463123	3773394	2.53E-08	25YrCance	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

47	ALL	463109.8	3773400	2.41E-08	25YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL	463096.6	3773406	2.30E-08	25YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL	463083.4	3773412	2.19E-08	25YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL	463070.3	3773418	2.08E-08	25YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	463057.1	3773424	1.98E-08	25YrCance	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	463043.9	3773430	1.88E-08	25YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	463160.6	3773373	3.00E-08	25YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	463164.6	3773395	2.55E-08	25YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	463151.8	3773401	2.44E-08	25YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	463139	3773407	2.33E-08	25YrCance	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	463126.2	3773413	2.23E-08	25YrCance	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	463113.4	3773418	2.14E-08	25YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	463100.5	3773424	2.04E-08	25YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	463087.7	3773430	1.96E-08	25YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	463074.9	3773436	1.87E-08	25YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	463062.1	3773442	1.79E-08	25YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	463049.3	3773448	1.71E-08	25YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	463175.8	3773387	2.72E-08	25YrCance	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	463179.7	3773408	2.36E-08	25YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	463166.7	3773414	2.26E-08	25YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	463153.7	3773420	2.16E-08	25YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	463140.7	3773426	2.07E-08	25YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	463127.8	3773432	1.99E-08	25YrCance	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	463114.8	3773438	1.90E-08	25YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	463101.8	3773444	1.83E-08	25YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	463088.8	3773450	1.75E-08	25YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	463075.8	3773456	1.68E-08	25YrCance	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	463190.9	3773400	2.50E-08	25YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	463194.8	3773421	2.20E-08	25YrCance	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	463181.6	3773427	2.11E-08	25YrCance	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	463168.5	3773433	2.03E-08	25YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	463155.4	3773439	1.94E-08	25YrCance	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	463142.3	3773445	1.86E-08	25YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	463129.1	3773451	1.79E-08	25YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	463116	3773457	1.72E-08	25YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	463206.1	3773413	2.33E-08	25YrCance	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	463209.8	3773434	2.08E-08	25YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	463196.6	3773440	2.00E-08	25YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	463183.3	3773446	1.92E-08	25YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	463170.1	3773452	1.84E-08	25YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	463156.8	3773459	1.77E-08	25YrCance	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	463221.2	3773426	2.20E-08	25YrCance	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	463225.1	3773447	1.99E-08	25YrCance	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	463212.1	3773453	1.91E-08	25YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	463199.2	3773459	1.84E-08	25YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	463236.4	3773439	2.10E-08	25YrCance	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	463259.1	3773458	2.01E-08	25YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	463037.2	3773873	5.04E-09	25YrCance	5.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

95	ALL	463129.9	3773871	6.32E-09	25YrCance	6.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	463116.7	3773877	6.04E-09	25YrCance	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	463103.5	3773883	5.79E-09	25YrCance	5.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	463090.3	3773889	5.55E-09	25YrCance	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	463077	3773895	5.32E-09	25YrCance	5.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	463063.8	3773901	5.13E-09	25YrCance	5.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	463050.6	3773907	4.95E-09	25YrCance	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	463037.4	3773913	4.78E-09	25YrCance	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	463214.6	3773872	8.26E-09	25YrCance	8.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	463201.5	3773878	7.81E-09	25YrCance	7.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	463188.4	3773884	7.38E-09	25YrCance	7.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	463175.2	3773890	6.99E-09	25YrCance	6.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	463162.1	3773896	6.64E-09	25YrCance	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	463149	3773902	6.34E-09	25YrCance	6.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	463135.8	3773908	6.07E-09	25YrCance	6.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	463122.7	3773914	5.82E-09	25YrCance	5.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	463109.5	3773920	5.58E-09	25YrCance	5.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	463096.4	3773926	5.36E-09	25YrCance	5.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	463083.3	3773932	5.14E-09	25YrCance	5.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	463070.1	3773938	4.93E-09	25YrCance	4.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	463057	3773944	4.74E-09	25YrCance	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	463043.8	3773950	4.56E-09	25YrCance	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	463308.7	3773869	1.36E-08	25YrCance	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	463295.5	3773875	1.23E-08	25YrCance	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	463282.3	3773881	1.13E-08	25YrCance	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	463269.1	3773887	1.04E-08	25YrCance	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	463255.8	3773893	9.71E-09	25YrCance	9.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	463242.6	3773899	9.06E-09	25YrCance	9.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	463229.4	3773905	8.48E-09	25YrCance	8.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	463216.1	3773911	7.96E-09	25YrCance	7.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	463202.9	3773917	7.49E-09	25YrCance	7.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	463189.7	3773924	7.08E-09	25YrCance	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	463176.4	3773930	6.71E-09	25YrCance	6.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	463163.2	3773936	6.36E-09	25YrCance	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	463150	3773942	6.05E-09	25YrCance	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	463136.7	3773948	5.76E-09	25YrCance	5.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	463123.5	3773954	5.49E-09	25YrCance	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	463110.3	3773960	5.25E-09	25YrCance	5.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	463097	3773966	5.04E-09	25YrCance	5.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	463083.8	3773972	4.84E-09	25YrCance	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	463070.6	3773978	4.66E-09	25YrCance	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	463057.4	3773984	4.49E-09	25YrCance	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	463044.1	3773990	4.31E-09	25YrCance	4.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	463393	3773870	4.45E-08	25YrCance	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	463379.8	3773876	3.18E-08	25YrCance	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	463366.6	3773882	2.49E-08	25YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	463353.4	3773888	2.06E-08	25YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	463340.3	3773895	1.77E-08	25YrCance	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

143	ALL	463327.1	3773901	1.55E-08	25YrCance	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	463313.9	3773907	1.38E-08	25YrCance	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	463300.8	3773913	1.24E-08	25YrCance	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	463287.6	3773919	1.13E-08	25YrCance	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	463274.4	3773925	1.04E-08	25YrCance	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	463261.3	3773931	9.59E-09	25YrCance	9.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	463248.1	3773937	8.92E-09	25YrCance	8.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	463234.9	3773943	8.34E-09	25YrCance	8.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	463221.7	3773949	7.82E-09	25YrCance	7.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	463208.6	3773955	7.36E-09	25YrCance	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	463195.4	3773961	6.91E-09	25YrCance	6.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	463182.2	3773967	6.51E-09	25YrCance	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	463169.1	3773973	6.17E-09	25YrCance	6.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	463155.9	3773979	5.87E-09	25YrCance	5.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	463142.7	3773985	5.59E-09	25YrCance	5.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	463129.5	3773991	5.33E-09	25YrCance	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	463116.4	3773997	5.08E-09	25YrCance	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	463103.2	3774003	4.85E-09	25YrCance	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	463090	3774009	4.64E-09	25YrCance	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	463076.9	3774015	4.44E-09	25YrCance	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	463063.7	3774021	4.27E-09	25YrCance	4.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	463050.5	3774027	4.11E-09	25YrCance	4.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	463408.6	3773903	9.33E-08	25YrCance	9.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	463395.4	3773909	4.81E-08	25YrCance	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	463382.1	3773915	3.32E-08	25YrCance	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	463368.9	3773921	2.56E-08	25YrCance	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	463355.6	3773927	2.09E-08	25YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	463342.4	3773934	1.78E-08	25YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	463329.1	3773940	1.55E-08	25YrCance	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	463315.9	3773946	1.37E-08	25YrCance	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	463302.6	3773952	1.23E-08	25YrCance	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	463289.4	3773958	1.11E-08	25YrCance	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	463276.1	3773964	1.02E-08	25YrCance	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	463262.9	3773970	9.33E-09	25YrCance	9.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	463249.6	3773976	8.63E-09	25YrCance	8.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	463236.4	3773982	8.02E-09	25YrCance	8.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	463223.1	3773988	7.49E-09	25YrCance	7.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	463209.8	3773994	7.03E-09	25YrCance	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	463196.6	3774000	6.62E-09	25YrCance	6.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	463183.3	3774006	6.25E-09	25YrCance	6.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	463170.1	3774012	5.92E-09	25YrCance	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	463156.8	3774019	5.62E-09	25YrCance	5.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	463143.6	3774025	5.32E-09	25YrCance	5.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	463130.3	3774031	5.04E-09	25YrCance	5.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	463117.1	3774037	4.80E-09	25YrCance	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	463400.3	3773947	5.92E-08	25YrCance	5.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	463387.1	3773953	3.75E-08	25YrCance	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	463373.9	3773959	2.78E-08	25YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

191	ALL	463360.7	3773965	2.22E-08	25YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	463347.5	3773971	1.85E-08	25YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	463334.3	3773977	1.59E-08	25YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	463321.1	3773983	1.40E-08	25YrCance	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	463308	3773989	1.24E-08	25YrCance	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	463294.8	3773995	1.11E-08	25YrCance	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	463281.6	3774001	1.01E-08	25YrCance	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	463268.4	3774007	9.27E-09	25YrCance	9.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	463255.2	3774014	8.55E-09	25YrCance	8.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	463242	3774020	7.92E-09	25YrCance	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	463228.8	3774026	7.36E-09	25YrCance	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	463215.6	3774032	6.86E-09	25YrCance	6.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	463202.4	3774038	6.42E-09	25YrCance	6.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	463096.8	3774086	4.18E-09	25YrCance	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	463083.6	3774092	4.00E-09	25YrCance	4.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	463070.4	3774098	3.85E-09	25YrCance	3.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	463057.2	3774104	3.70E-09	25YrCance	3.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	463044	3774110	3.55E-09	25YrCance	3.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	463510.5	3773937	1.76E-08	25YrCance	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	463497.4	3773943	2.01E-08	25YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	463484.2	3773949	2.36E-08	25YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	463471.1	3773955	2.87E-08	25YrCance	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	463458	3773961	3.75E-08	25YrCance	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	463444.8	3773967	5.62E-08	25YrCance	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	463405.4	3773985	7.93E-08	25YrCance	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	463392.2	3773991	4.38E-08	25YrCance	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	463379.1	3773997	3.08E-08	25YrCance	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	463365.9	3774003	2.38E-08	25YrCance	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	463352.8	3774009	1.95E-08	25YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	463339.6	3774015	1.65E-08	25YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	463326.5	3774021	1.42E-08	25YrCance	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	463313.4	3774027	1.25E-08	25YrCance	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	463300.2	3774033	1.12E-08	25YrCance	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	463287.1	3774039	1.01E-08	25YrCance	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	463195	3774081	5.86E-09	25YrCance	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	463181.9	3774087	5.50E-09	25YrCance	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	463168.7	3774093	5.18E-09	25YrCance	5.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	463155.6	3774099	4.90E-09	25YrCance	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	463142.5	3774105	4.64E-09	25YrCance	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	463129.3	3774111	4.40E-09	25YrCance	4.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	463116.2	3774117	4.18E-09	25YrCance	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	463103	3774123	3.99E-09	25YrCance	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	463089.9	3774129	3.81E-09	25YrCance	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	463076.7	3774135	3.64E-09	25YrCance	3.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	463063.6	3774141	3.49E-09	25YrCance	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	463050.4	3774147	3.36E-09	25YrCance	3.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	463037.3	3774153	3.24E-09	25YrCance	3.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	463605.9	3773933	9.58E-09	25YrCance	9.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

239	ALL	463592.7	3773939	1.01E-08	25YrCance	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	463579.4	3773945	1.08E-08	25YrCance	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	463566.2	3773951	1.16E-08	25YrCance	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	463553	3773957	1.25E-08	25YrCance	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	463539.8	3773963	1.36E-08	25YrCance	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	463526.6	3773969	1.50E-08	25YrCance	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	463513.3	3773975	1.68E-08	25YrCance	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	463500.1	3773981	1.91E-08	25YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	463486.9	3773987	2.23E-08	25YrCance	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	463473.7	3773993	2.70E-08	25YrCance	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	463460.5	3773999	3.48E-08	25YrCance	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	463447.2	3774006	5.04E-08	25YrCance	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	463394.4	3774030	4.74E-08	25YrCance	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	463381.2	3774036	3.20E-08	25YrCance	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	463275.4	3774084	8.81E-09	25YrCance	8.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	463262.2	3774090	8.03E-09	25YrCance	8.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	463249	3774096	7.34E-09	25YrCance	7.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	463235.8	3774102	6.75E-09	25YrCance	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	463222.5	3774108	6.26E-09	25YrCance	6.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	463209.3	3774115	5.84E-09	25YrCance	5.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	463196.1	3774121	5.47E-09	25YrCance	5.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	463182.9	3774127	5.15E-09	25YrCance	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	463169.7	3774133	4.86E-09	25YrCance	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	463156.4	3774139	4.60E-09	25YrCance	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	463143.2	3774145	4.34E-09	25YrCance	4.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	463130	3774151	4.10E-09	25YrCance	4.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	463116.8	3774157	3.90E-09	25YrCance	3.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	463103.6	3774163	3.73E-09	25YrCance	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	463090.3	3774169	3.57E-09	25YrCance	3.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	463077.1	3774175	3.41E-09	25YrCance	3.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	463063.9	3774181	3.26E-09	25YrCance	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	463050.7	3774187	3.13E-09	25YrCance	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	463037.5	3774193	3.00E-09	25YrCance	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	463689.3	3773935	7.00E-09	25YrCance	7.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	463676.1	3773941	7.26E-09	25YrCance	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	463663	3773947	7.55E-09	25YrCance	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	463649.8	3773953	7.87E-09	25YrCance	7.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	463636.6	3773959	8.23E-09	25YrCance	8.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	463623.4	3773965	8.64E-09	25YrCance	8.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	463610.3	3773971	9.09E-09	25YrCance	9.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	463597.1	3773977	9.61E-09	25YrCance	9.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	463583.9	3773983	1.02E-08	25YrCance	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	463570.8	3773989	1.09E-08	25YrCance	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	463557.6	3773995	1.18E-08	25YrCance	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	463544.4	3774001	1.28E-08	25YrCance	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	463531.3	3774007	1.41E-08	25YrCance	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	463518.1	3774013	1.57E-08	25YrCance	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	463504.9	3774019	1.77E-08	25YrCance	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

287	ALL	463491.7	3774025	2.05E-08	25YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	463478.6	3774031	2.45E-08	25YrCance	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	463465.4	3774037	3.07E-08	25YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	463452.2	3774043	4.22E-08	25YrCance	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	463360	3774085	2.06E-08	25YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	463346.9	3774092	1.68E-08	25YrCance	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	463333.7	3774098	1.42E-08	25YrCance	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	463320.5	3774104	1.23E-08	25YrCance	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	463307.4	3774110	1.08E-08	25YrCance	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	463294.2	3774116	9.59E-09	25YrCance	9.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	463281	3774122	8.60E-09	25YrCance	8.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	463267.8	3774128	7.77E-09	25YrCance	7.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	463254.7	3774134	7.08E-09	25YrCance	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	463241.5	3774140	6.50E-09	25YrCance	6.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	463228.3	3774146	6.00E-09	25YrCance	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	463215.2	3774152	5.57E-09	25YrCance	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	463202	3774158	5.19E-09	25YrCance	5.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	463188.8	3774164	4.86E-09	25YrCance	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	463175.6	3774170	4.58E-09	25YrCance	4.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	463162.5	3774176	4.33E-09	25YrCance	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	463149.3	3774182	4.11E-09	25YrCance	4.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	463136.1	3774188	3.89E-09	25YrCance	3.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	463123	3774194	3.67E-09	25YrCance	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	463109.8	3774200	3.50E-09	25YrCance	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	463096.6	3774206	3.35E-09	25YrCance	3.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	463083.4	3774212	3.21E-09	25YrCance	3.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	463070.3	3774218	3.09E-09	25YrCance	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	463057.1	3774224	2.98E-09	25YrCance	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	463043.9	3774230	2.86E-09	25YrCance	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	463039.2	3773233	3.48E-07	25YrCance	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	463039.1	3773224	3.56E-07	25YrCance	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	463039.1	3773215	3.67E-07	25YrCance	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	463039.1	3773205	3.79E-07	25YrCance	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	463039.1	3773196	3.92E-07	25YrCance	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	463039.1	3773186	4.03E-07	25YrCance	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	463039.1	3773177	4.04E-07	25YrCance	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	463039	3773167	3.82E-07	25YrCance	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	463039	3773158	3.25E-07	25YrCance	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	463039	3773149	2.55E-07	25YrCance	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	463049.2	3773233	2.52E-07	25YrCance	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	463049.1	3773224	2.52E-07	25YrCance	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	463049.1	3773215	2.57E-07	25YrCance	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	463049.1	3773205	2.64E-07	25YrCance	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	463049.1	3773196	2.70E-07	25YrCance	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	463049.1	3773186	2.72E-07	25YrCance	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	463049.1	3773177	2.67E-07	25YrCance	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	463049	3773167	2.49E-07	25YrCance	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	463049	3773158	2.19E-07	25YrCance	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

335	ALL	463049	3773149	1.84E-07	25YrCance	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	463059.2	3773233	2.04E-07	25YrCance	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	463059.1	3773224	1.99E-07	25YrCance	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	463059.1	3773215	1.99E-07	25YrCance	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	463059.1	3773205	2.01E-07	25YrCance	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	463059.1	3773196	2.03E-07	25YrCance	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	463059.1	3773186	2.01E-07	25YrCance	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	463059.1	3773177	1.95E-07	25YrCance	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	463059	3773167	1.81E-07	25YrCance	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	463059	3773158	1.63E-07	25YrCance	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	463059	3773149	1.41E-07	25YrCance	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	463069.2	3773233	1.76E-07	25YrCance	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	463069.1	3773224	1.67E-07	25YrCance	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	463069.1	3773214	1.64E-07	25YrCance	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	463069.1	3773205	1.63E-07	25YrCance	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	463069.1	3773196	1.61E-07	25YrCance	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	463069.1	3773186	1.58E-07	25YrCance	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	463069.1	3773177	1.51E-07	25YrCance	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	463069	3773167	1.41E-07	25YrCance	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	463069	3773158	1.28E-07	25YrCance	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	463069	3773149	1.14E-07	25YrCance	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	463079.2	3773233	1.56E-07	25YrCance	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	463079.1	3773224	1.45E-07	25YrCance	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	463079.1	3773214	1.40E-07	25YrCance	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	463079.1	3773205	1.36E-07	25YrCance	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	463079.1	3773196	1.33E-07	25YrCance	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	463079.1	3773186	1.29E-07	25YrCance	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	463079.1	3773177	1.23E-07	25YrCance	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	463079	3773167	1.15E-07	25YrCance	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	463079	3773158	1.05E-07	25YrCance	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	463079	3773149	9.51E-08	25YrCance	9.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	463073	3773286	1.09E-07	25YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	463089.2	3773233	1.42E-07	25YrCance	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	463089.1	3773224	1.29E-07	25YrCance	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	463089.1	3773214	1.22E-07	25YrCance	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	463089.1	3773205	1.17E-07	25YrCance	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	463089.1	3773196	1.14E-07	25YrCance	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	463089.1	3773186	1.09E-07	25YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	463089.1	3773177	1.03E-07	25YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	463089	3773167	9.65E-08	25YrCance	9.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	463089	3773158	8.91E-08	25YrCance	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	463089	3773148	8.14E-08	25YrCance	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	463080.5	3773293	9.06E-08	25YrCance	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	463099.2	3773233	1.31E-07	25YrCance	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	463099.1	3773224	1.17E-07	25YrCance	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	463099.1	3773214	1.09E-07	25YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	463099.1	3773205	1.03E-07	25YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	463099.1	3773196	9.88E-08	25YrCance	9.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

383	ALL	463099.1	3773186	9.42E-08	25YrCance	9.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	463099.1	3773177	8.90E-08	25YrCance	8.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	463099	3773167	8.32E-08	25YrCance	8.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	463099	3773158	7.72E-08	25YrCance	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	463099	3773148	7.11E-08	25YrCance	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	463094	3773284	1.14E-07	25YrCance	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	463109.2	3773233	1.23E-07	25YrCance	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	463109.1	3773224	1.07E-07	25YrCance	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	463109.1	3773214	9.87E-08	25YrCance	9.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	463109.1	3773205	9.26E-08	25YrCance	9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	463109.1	3773196	8.77E-08	25YrCance	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	463109.1	3773186	8.31E-08	25YrCance	8.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	463109.1	3773177	7.83E-08	25YrCance	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	463109	3773167	7.33E-08	25YrCance	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	463109	3773158	6.82E-08	25YrCance	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	463109	3773148	6.32E-08	25YrCance	6.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	463113	3773286	1.01E-07	25YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	463109.8	3773295	8.26E-08	25YrCance	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	463106.5	3773304	7.02E-08	25YrCance	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	463103.3	3773313	6.08E-08	25YrCance	6.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	463129.2	3773233	1.10E-07	25YrCance	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	463129.1	3773224	9.36E-08	25YrCance	9.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	463129.1	3773214	8.41E-08	25YrCance	8.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	463129.1	3773205	7.75E-08	25YrCance	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	463129.1	3773196	7.23E-08	25YrCance	7.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	463129.1	3773186	6.78E-08	25YrCance	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	463129.1	3773177	6.36E-08	25YrCance	6.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	463129	3773167	5.96E-08	25YrCance	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	463129	3773158	5.57E-08	25YrCance	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	463129	3773148	5.20E-08	25YrCance	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	463130.7	3773293	8.39E-08	25YrCance	8.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	463127.6	3773301	7.14E-08	25YrCance	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	463121.4	3773318	5.53E-08	25YrCance	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	463149.2	3773233	1.01E-07	25YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	463149.1	3773224	8.42E-08	25YrCance	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	463149.1	3773214	7.44E-08	25YrCance	7.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	463149.1	3773205	6.76E-08	25YrCance	6.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	463149.1	3773195	6.24E-08	25YrCance	6.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	463149.1	3773186	5.81E-08	25YrCance	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	463149.1	3773177	5.43E-08	25YrCance	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	463149	3773167	5.09E-08	25YrCance	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	463149	3773158	4.77E-08	25YrCance	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	463149	3773148	4.47E-08	25YrCance	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	463153	3773286	9.48E-08	25YrCance	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	463149.8	3773295	7.74E-08	25YrCance	7.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	463146.5	3773304	6.62E-08	25YrCance	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	463143.3	3773312	5.80E-08	25YrCance	5.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	463140.1	3773321	5.16E-08	25YrCance	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

431	ALL	463136.8	3773330	4.64E-08	25YrCance	4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	463133.6	3773339	4.20E-08	25YrCance	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	463169.2	3773233	9.45E-08	25YrCance	9.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	463169.1	3773224	7.78E-08	25YrCance	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	463169.1	3773214	6.78E-08	25YrCance	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	463169.1	3773205	6.09E-08	25YrCance	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	463169.1	3773195	5.58E-08	25YrCance	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	463169.1	3773186	5.16E-08	25YrCance	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	463169.1	3773177	4.81E-08	25YrCance	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	463169	3773167	4.50E-08	25YrCance	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	463169	3773158	4.22E-08	25YrCance	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	463169	3773148	3.97E-08	25YrCance	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	463170.5	3773293	7.83E-08	25YrCance	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	463167.3	3773301	6.68E-08	25YrCance	6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	463164.2	3773310	5.86E-08	25YrCance	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	463158	3773327	4.73E-08	25YrCance	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	463154.9	3773335	4.31E-08	25YrCance	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	463148.6	3773352	3.63E-08	25YrCance	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	463189.2	3773233	8.98E-08	25YrCance	8.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	463189.1	3773224	7.30E-08	25YrCance	7.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	463189.1	3773214	6.30E-08	25YrCance	6.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	463189.1	3773205	5.62E-08	25YrCance	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	463189.1	3773195	5.11E-08	25YrCance	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	463189.1	3773186	4.71E-08	25YrCance	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	463189.1	3773177	4.38E-08	25YrCance	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	463189	3773167	4.09E-08	25YrCance	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	463189	3773158	3.84E-08	25YrCance	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	463189	3773148	3.61E-08	25YrCance	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	463193	3773286	9.06E-08	25YrCance	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	463189.8	3773295	7.35E-08	25YrCance	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	463186.5	3773304	6.28E-08	25YrCance	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	463183.3	3773312	5.53E-08	25YrCance	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	463180.1	3773321	4.95E-08	25YrCance	4.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	463176.8	3773330	4.49E-08	25YrCance	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	463173.6	3773339	4.10E-08	25YrCance	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	463170.4	3773347	3.77E-08	25YrCance	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	463167.1	3773356	3.48E-08	25YrCance	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	463163.9	3773365	3.22E-08	25YrCance	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	463209.2	3773233	8.61E-08	25YrCance	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	463209.1	3773224	6.95E-08	25YrCance	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	463209.1	3773214	5.95E-08	25YrCance	5.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	463209.1	3773205	5.27E-08	25YrCance	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	463209.1	3773195	4.77E-08	25YrCance	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	463209.1	3773186	4.38E-08	25YrCance	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	463209.1	3773177	4.06E-08	25YrCance	4.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	463209	3773167	3.79E-08	25YrCance	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	463209	3773158	3.56E-08	25YrCance	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	463209	3773148	3.36E-08	25YrCance	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

479	ALL	463213.5	3773285	9.26E-08	25YrCance	9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	463210.3	3773293	7.45E-08	25YrCance	7.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	463207.2	3773302	6.34E-08	25YrCance	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	463204.1	3773310	5.57E-08	25YrCance	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	463200.9	3773319	5.00E-08	25YrCance	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	463197.8	3773327	4.54E-08	25YrCance	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	463194.6	3773336	4.16E-08	25YrCance	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	463191.5	3773344	3.83E-08	25YrCance	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	463188.4	3773353	3.56E-08	25YrCance	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	463182.1	3773370	3.09E-08	25YrCance	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	463178.9	3773378	2.89E-08	25YrCance	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	463229.2	3773233	8.33E-08	25YrCance	8.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	463229.1	3773224	6.68E-08	25YrCance	6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	463229.1	3773214	5.69E-08	25YrCance	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	463229.1	3773205	5.02E-08	25YrCance	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	463229.1	3773195	4.53E-08	25YrCance	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	463229.1	3773186	4.14E-08	25YrCance	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	463229.1	3773176	3.84E-08	25YrCance	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	463229	3773167	3.58E-08	25YrCance	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	463229	3773158	3.36E-08	25YrCance	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	463229	3773148	3.17E-08	25YrCance	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	463233	3773286	8.80E-08	25YrCance	8.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	463229.8	3773295	7.09E-08	25YrCance	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	463226.5	3773304	6.05E-08	25YrCance	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	463223.3	3773312	5.32E-08	25YrCance	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	463220.1	3773321	4.78E-08	25YrCance	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	463216.8	3773330	4.35E-08	25YrCance	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	463213.6	3773338	3.99E-08	25YrCance	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	463210.4	3773347	3.69E-08	25YrCance	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	463207.1	3773356	3.43E-08	25YrCance	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	463203.9	3773365	3.20E-08	25YrCance	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	463200.6	3773373	3.00E-08	25YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	463197.4	3773382	2.81E-08	25YrCance	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	463194.2	3773391	2.65E-08	25YrCance	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	463249.2	3773233	8.12E-08	25YrCance	8.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	463249.1	3773224	6.48E-08	25YrCance	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	463249.1	3773214	5.50E-08	25YrCance	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	463249.1	3773205	4.83E-08	25YrCance	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	463249.1	3773195	4.34E-08	25YrCance	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	463249.1	3773186	3.97E-08	25YrCance	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	463249.1	3773176	3.67E-08	25YrCance	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	463249	3773167	3.42E-08	25YrCance	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	463249	3773158	3.21E-08	25YrCance	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	463249	3773148	3.03E-08	25YrCance	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	463253.4	3773285	9.03E-08	25YrCance	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	463250.3	3773293	7.21E-08	25YrCance	7.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	463247.1	3773302	6.12E-08	25YrCance	6.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	463243.9	3773310	5.37E-08	25YrCance	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

527	ALL	463240.8	3773319	4.82E-08	25YrCance	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	463237.6	3773328	4.39E-08	25YrCance	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	463234.5	3773336	4.04E-08	25YrCance	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	463231.3	3773345	3.74E-08	25YrCance	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	463228.2	3773353	3.49E-08	25YrCance	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	463225	3773362	3.27E-08	25YrCance	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	463221.9	3773370	3.07E-08	25YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	463218.7	3773379	2.89E-08	25YrCance	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	463215.6	3773387	2.73E-08	25YrCance	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	463212.4	3773396	2.58E-08	25YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	463209.2	3773404	2.45E-08	25YrCance	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	463269.2	3773233	7.93E-08	25YrCance	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	463269.1	3773224	6.32E-08	25YrCance	6.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	463269.1	3773214	5.35E-08	25YrCance	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	463269.1	3773205	4.69E-08	25YrCance	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	463269.1	3773195	4.21E-08	25YrCance	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	463269.1	3773186	3.84E-08	25YrCance	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	463269.1	3773176	3.55E-08	25YrCance	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	463269	3773167	3.31E-08	25YrCance	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	463269	3773158	3.11E-08	25YrCance	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	463269	3773148	2.94E-08	25YrCance	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	463273	3773286	8.68E-08	25YrCance	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	463269.8	3773295	6.95E-08	25YrCance	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	463266.5	3773303	5.91E-08	25YrCance	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	463263.3	3773312	5.19E-08	25YrCance	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	463260.1	3773321	4.67E-08	25YrCance	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	463256.8	3773330	4.26E-08	25YrCance	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	463253.6	3773338	3.92E-08	25YrCance	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	463250.4	3773347	3.64E-08	25YrCance	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	463247.1	3773356	3.40E-08	25YrCance	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	463243.9	3773365	3.19E-08	25YrCance	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	463240.6	3773373	3.00E-08	25YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	463237.4	3773382	2.84E-08	25YrCance	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	463234.2	3773391	2.69E-08	25YrCance	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	463230.9	3773400	2.55E-08	25YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	463227.7	3773408	2.42E-08	25YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	463224.5	3773417	2.31E-08	25YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	463289.2	3773233	7.80E-08	25YrCance	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	463289.1	3773223	6.21E-08	25YrCance	6.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	463289.1	3773214	5.24E-08	25YrCance	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	463289.1	3773205	4.59E-08	25YrCance	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	463289.1	3773195	4.12E-08	25YrCance	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	463289.1	3773186	3.76E-08	25YrCance	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	463289.1	3773176	3.47E-08	25YrCance	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	463289	3773167	3.24E-08	25YrCance	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	463289	3773158	3.05E-08	25YrCance	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	463289	3773148	2.88E-08	25YrCance	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	463293.4	3773285	8.93E-08	25YrCance	8.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

575	ALL	463290.2	3773294	7.09E-08	25YrCance	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	463287	3773302	6.01E-08	25YrCance	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	463283.9	3773311	5.27E-08	25YrCance	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	463280.7	3773319	4.73E-08	25YrCance	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	463277.5	3773328	4.32E-08	25YrCance	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	463274.4	3773336	3.98E-08	25YrCance	3.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	463271.2	3773345	3.70E-08	25YrCance	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	463268	3773353	3.47E-08	25YrCance	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	463264.9	3773362	3.26E-08	25YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	463261.7	3773370	3.08E-08	25YrCance	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	463258.5	3773379	2.92E-08	25YrCance	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	463255.4	3773388	2.77E-08	25YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	463252.2	3773396	2.63E-08	25YrCance	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	463249	3773405	2.51E-08	25YrCance	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	463245.9	3773413	2.40E-08	25YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	463242.7	3773422	2.29E-08	25YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	463239.5	3773430	2.19E-08	25YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	463309.2	3773233	7.71E-08	25YrCance	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	463309.1	3773223	6.12E-08	25YrCance	6.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	463309.1	3773214	5.17E-08	25YrCance	5.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	463309.1	3773205	4.53E-08	25YrCance	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	463309.1	3773195	4.06E-08	25YrCance	4.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	463309.1	3773186	3.71E-08	25YrCance	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	463309.1	3773176	3.44E-08	25YrCance	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	463309	3773167	3.21E-08	25YrCance	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	463309	3773157	3.03E-08	25YrCance	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	463309	3773148	2.87E-08	25YrCance	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	463323.2	3773285	8.84E-08	25YrCance	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	463320	3773294	7.02E-08	25YrCance	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	463316.8	3773303	5.95E-08	25YrCance	5.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	463313.6	3773311	5.23E-08	25YrCance	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	463310.4	3773320	4.71E-08	25YrCance	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	463307.2	3773329	4.30E-08	25YrCance	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	463303.9	3773337	3.98E-08	25YrCance	3.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	463300.7	3773346	3.71E-08	25YrCance	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	463297.5	3773355	3.49E-08	25YrCance	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	463294.3	3773363	3.29E-08	25YrCance	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	463291.1	3773372	3.12E-08	25YrCance	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	463287.9	3773381	2.96E-08	25YrCance	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	463284.7	3773389	2.82E-08	25YrCance	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL	463281.5	3773398	2.69E-08	25YrCance	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	463278.3	3773406	2.57E-08	25YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	463275.1	3773415	2.46E-08	25YrCance	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	463271.9	3773424	2.36E-08	25YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	463268.7	3773432	2.26E-08	25YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	463265.5	3773441	2.17E-08	25YrCance	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	463262.3	3773450	2.09E-08	25YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	463339.2	3773233	7.62E-08	25YrCance	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

623	ALL	463339.1	3773223	6.07E-08	25YrCance	6.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	463339.1	3773214	5.14E-08	25YrCance	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	463339.1	3773205	4.52E-08	25YrCance	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	463339.1	3773195	4.08E-08	25YrCance	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	463339.1	3773186	3.74E-08	25YrCance	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	463339.1	3773176	3.49E-08	25YrCance	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL	463339	3773167	3.28E-08	25YrCance	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	463339	3773157	3.11E-08	25YrCance	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	463339	3773148	2.97E-08	25YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	463353	3773286	8.86E-08	25YrCance	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	463349.8	3773295	7.08E-08	25YrCance	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	463346.5	3773303	6.03E-08	25YrCance	6.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	463343.3	3773312	5.33E-08	25YrCance	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	463340.1	3773321	4.82E-08	25YrCance	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	463336.8	3773329	4.43E-08	25YrCance	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	463333.6	3773338	4.11E-08	25YrCance	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	463330.4	3773347	3.85E-08	25YrCance	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	463327.1	3773356	3.62E-08	25YrCance	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	463323.9	3773364	3.43E-08	25YrCance	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	463320.6	3773373	3.25E-08	25YrCance	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	463317.4	3773382	3.10E-08	25YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	463314.2	3773391	2.96E-08	25YrCance	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	463310.9	3773399	2.83E-08	25YrCance	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	463307.7	3773408	2.71E-08	25YrCance	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	463304.5	3773417	2.60E-08	25YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	463301.2	3773426	2.49E-08	25YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	463298	3773434	2.40E-08	25YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	463294.8	3773443	2.30E-08	25YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	463291.5	3773452	2.22E-08	25YrCance	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	463369.2	3773233	7.63E-08	25YrCance	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	463369.1	3773223	6.18E-08	25YrCance	6.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	463369.1	3773214	5.32E-08	25YrCance	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	463369.1	3773204	4.77E-08	25YrCance	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	463369.1	3773195	4.38E-08	25YrCance	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	463369.1	3773186	4.09E-08	25YrCance	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	463369.1	3773176	3.86E-08	25YrCance	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	463369	3773167	3.68E-08	25YrCance	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	463369	3773157	3.53E-08	25YrCance	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	463369	3773148	3.41E-08	25YrCance	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	463382.9	3773286	9.28E-08	25YrCance	9.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	463379.6	3773295	7.62E-08	25YrCance	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	463376.3	3773304	6.60E-08	25YrCance	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	463373.1	3773313	5.90E-08	25YrCance	5.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	463369.8	3773321	5.37E-08	25YrCance	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	463366.5	3773330	4.94E-08	25YrCance	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	463363.3	3773339	4.60E-08	25YrCance	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	463360	3773348	4.30E-08	25YrCance	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	463356.8	3773357	4.05E-08	25YrCance	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

671 ALL	463353.5	3773365	3.83E-08 25YrCance	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672 ALL	463350.2	3773374	3.63E-08 25YrCance	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673 ALL	463347	3773383	3.45E-08 25YrCance	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674 ALL	463343.7	3773392	3.29E-08 25YrCance	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675 ALL	463340.4	3773401	3.14E-08 25YrCance	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676 ALL	463337.2	3773409	3.01E-08 25YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677 ALL	463333.9	3773418	2.88E-08 25YrCance	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678 ALL	463330.6	3773427	2.76E-08 25YrCance	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679 ALL	463327.4	3773436	2.66E-08 25YrCance	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680 ALL	463324.1	3773445	2.55E-08 25YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681 ALL	463320.9	3773454	2.46E-08 25YrCance	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682 ALL	463399.2	3773233	8.96E-08 25YrCance	8.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683 ALL	463399.1	3773223	8.05E-08 25YrCance	8.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684 ALL	463399.1	3773214	7.49E-08 25YrCance	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685 ALL	463399.1	3773204	7.10E-08 25YrCance	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686 ALL	463399.1	3773195	6.80E-08 25YrCance	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687 ALL	463399.1	3773186	6.57E-08 25YrCance	6.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688 ALL	463399.1	3773176	6.36E-08 25YrCance	6.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689 ALL	463399	3773167	6.17E-08 25YrCance	6.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690 ALL	463399	3773157	6.02E-08 25YrCance	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691 ALL	463399	3773148	5.89E-08 25YrCance	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692 ALL	463403.7	3773311	1.13E-07 25YrCance	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693 ALL	463400.5	3773319	9.37E-08 25YrCance	9.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694 ALL	463397.3	3773328	8.08E-08 25YrCance	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695 ALL	463394.1	3773337	7.14E-08 25YrCance	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696 ALL	463391	3773345	6.42E-08 25YrCance	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697 ALL	463387.8	3773354	5.85E-08 25YrCance	5.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698 ALL	463384.6	3773362	5.38E-08 25YrCance	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699 ALL	463381.4	3773371	4.99E-08 25YrCance	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700 ALL	463378.2	3773380	4.65E-08 25YrCance	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701 ALL	463375	3773388	4.36E-08 25YrCance	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702 ALL	463371.9	3773397	4.10E-08 25YrCance	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703 ALL	463368.7	3773405	3.87E-08 25YrCance	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704 ALL	463365.5	3773414	3.67E-08 25YrCance	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705 ALL	463362.3	3773423	3.49E-08 25YrCance	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706 ALL	463359.1	3773431	3.32E-08 25YrCance	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707 ALL	463355.9	3773440	3.17E-08 25YrCance	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708 ALL	463352.7	3773448	3.03E-08 25YrCance	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709 ALL	463349.6	3773457	2.91E-08 25YrCance	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710 ALL	463401.4	3773398	8.52E-08 25YrCance	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711 ALL	463398.2	3773407	7.29E-08 25YrCance	7.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712 ALL	463394.9	3773415	6.40E-08 25YrCance	6.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713 ALL	463391.7	3773424	5.74E-08 25YrCance	5.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714 ALL	463388.5	3773433	5.21E-08 25YrCance	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715 ALL	463385.3	3773441	4.78E-08 25YrCance	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716 ALL	463382.1	3773450	4.43E-08 25YrCance	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717 ALL	463459.2	3773242	3.94E-08 25YrCance	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718 ALL	463459.2	3773233	3.83E-08 25YrCance	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

719	ALL	463459.1	3773223	3.74E-08	25YrCance	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	463459.1	3773214	3.65E-08	25YrCance	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	463459.1	3773204	3.58E-08	25YrCance	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	463459.1	3773195	3.52E-08	25YrCance	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	463459.1	3773185	3.46E-08	25YrCance	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	463459.1	3773176	3.42E-08	25YrCance	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	463459	3773167	3.38E-08	25YrCance	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	463459	3773157	3.35E-08	25YrCance	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	463459	3773148	3.31E-08	25YrCance	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL	463489.2	3773242	2.71E-08	25YrCance	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	463489.2	3773232	2.65E-08	25YrCance	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	463489.1	3773223	2.60E-08	25YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	463489.1	3773214	2.55E-08	25YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	463489.1	3773204	2.50E-08	25YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	463489.1	3773195	2.46E-08	25YrCance	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	463489.1	3773185	2.42E-08	25YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	463489.1	3773176	2.39E-08	25YrCance	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	463489	3773167	2.36E-08	25YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	463489	3773157	2.33E-08	25YrCance	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	463489	3773148	2.30E-08	25YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	463519.2	3773242	2.09E-08	25YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	463519.2	3773232	2.05E-08	25YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	463519.1	3773223	2.02E-08	25YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	463519.1	3773214	1.99E-08	25YrCance	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	463519.1	3773204	1.96E-08	25YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	463519.1	3773195	1.93E-08	25YrCance	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	463519.1	3773185	1.90E-08	25YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	463519.1	3773176	1.88E-08	25YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL	463519	3773166	1.85E-08	25YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL	463519	3773157	1.83E-08	25YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	463519	3773148	1.81E-08	25YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	463549.2	3773242	1.70E-08	25YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	463549.2	3773232	1.68E-08	25YrCance	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	463549.1	3773223	1.66E-08	25YrCance	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	463549.1	3773214	1.63E-08	25YrCance	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	463549.1	3773204	1.61E-08	25YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	463549.1	3773195	1.59E-08	25YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	463549.1	3773185	1.57E-08	25YrCance	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	463549.1	3773176	1.55E-08	25YrCance	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	463549	3773166	1.54E-08	25YrCance	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	463549	3773157	1.52E-08	25YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	463549	3773148	1.50E-08	25YrCance	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	463579.2	3773242	1.44E-08	25YrCance	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	463579.2	3773232	1.42E-08	25YrCance	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	463579.1	3773223	1.40E-08	25YrCance	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	463579.1	3773213	1.39E-08	25YrCance	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	463579.1	3773204	1.37E-08	25YrCance	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	463579.1	3773195	1.36E-08	25YrCance	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

767 ALL	463579.1	3773185	1.34E-08 25YrCance	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768 ALL	463579.1	3773176	1.33E-08 25YrCance	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769 ALL	463579	3773166	1.31E-08 25YrCance	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770 ALL	463579	3773157	1.30E-08 25YrCance	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771 ALL	463579	3773148	1.29E-08 25YrCance	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772 ALL	463609.2	3773242	1.24E-08 25YrCance	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773 ALL	463609.2	3773232	1.23E-08 25YrCance	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774 ALL	463609.1	3773223	1.22E-08 25YrCance	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775 ALL	463609.1	3773213	1.20E-08 25YrCance	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776 ALL	463609.1	3773204	1.19E-08 25YrCance	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777 ALL	463609.1	3773195	1.18E-08 25YrCance	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778 ALL	463609.1	3773185	1.17E-08 25YrCance	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779 ALL	463609.1	3773176	1.16E-08 25YrCance	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780 ALL	463609	3773166	1.15E-08 25YrCance	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781 ALL	463609	3773157	1.14E-08 25YrCance	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782 ALL	463609	3773147	1.12E-08 25YrCance	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783 ALL	463649.2	3773232	1.04E-08 25YrCance	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784 ALL	463649.1	3773223	1.03E-08 25YrCance	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785 ALL	463649.1	3773213	1.02E-08 25YrCance	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786 ALL	463649.1	3773204	1.01E-08 25YrCance	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787 ALL	463649.1	3773194	1.00E-08 25YrCance	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788 ALL	463649.1	3773185	9.94E-09 25YrCance	9.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789 ALL	463649.1	3773176	9.85E-09 25YrCance	9.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790 ALL	463649	3773166	9.77E-09 25YrCance	9.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791 ALL	463649	3773157	9.69E-09 25YrCance	9.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792 ALL	463649	3773147	9.61E-09 25YrCance	9.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793 ALL	463689.2	3773232	8.98E-09 25YrCance	8.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794 ALL	463689.1	3773223	8.90E-09 25YrCance	8.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795 ALL	463689.1	3773213	8.83E-09 25YrCance	8.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796 ALL	463689.1	3773204	8.76E-09 25YrCance	8.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797 ALL	463689.1	3773194	8.69E-09 25YrCance	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798 ALL	463689.1	3773185	8.62E-09 25YrCance	8.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799 ALL	463689.1	3773176	8.56E-09 25YrCance	8.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800 ALL	463689	3773166	8.49E-09 25YrCance	8.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801 ALL	463689	3773157	8.43E-09 25YrCance	8.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802 ALL	463689	3773147	8.36E-09 25YrCance	8.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803 ALL	463729.2	3773232	7.87E-09 25YrCance	7.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804 ALL	463729.1	3773223	7.81E-09 25YrCance	7.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805 ALL	463729.1	3773213	7.76E-09 25YrCance	7.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806 ALL	463729.1	3773204	7.70E-09 25YrCance	7.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807 ALL	463729.1	3773194	7.65E-09 25YrCance	7.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808 ALL	463729.1	3773185	7.59E-09 25YrCance	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809 ALL	463729.1	3773175	7.54E-09 25YrCance	7.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810 ALL	463729	3773166	7.48E-09 25YrCance	7.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811 ALL	463729	3773157	7.43E-09 25YrCance	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812 ALL	463729	3773147	7.38E-09 25YrCance	7.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813 ALL	463769.2	3773232	6.99E-09 25YrCance	6.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814 ALL	463769.1	3773222	6.94E-09 25YrCance	6.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

815	ALL	463769.1	3773213	6.89E-09	25YrCance	6.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	463769.1	3773204	6.85E-09	25YrCance	6.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	463769.1	3773194	6.80E-09	25YrCance	6.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	463769.1	3773185	6.76E-09	25YrCance	6.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL	463769.1	3773175	6.71E-09	25YrCance	6.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	463769	3773166	6.67E-09	25YrCance	6.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	463769	3773157	6.63E-09	25YrCance	6.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	463769	3773147	6.59E-09	25YrCance	6.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	463809.2	3773232	6.26E-09	25YrCance	6.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	463809.1	3773222	6.23E-09	25YrCance	6.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	463809.1	3773213	6.19E-09	25YrCance	6.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	463809.1	3773204	6.15E-09	25YrCance	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	463809.1	3773194	6.11E-09	25YrCance	6.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	463809.1	3773185	6.07E-09	25YrCance	6.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	463809.1	3773175	6.04E-09	25YrCance	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	463809	3773166	6.00E-09	25YrCance	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	463809	3773156	5.97E-09	25YrCance	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	463809	3773147	5.93E-09	25YrCance	5.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	463849.2	3773232	5.66E-09	25YrCance	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	463849.1	3773222	5.63E-09	25YrCance	5.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	463849.1	3773213	5.60E-09	25YrCance	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	463849.1	3773203	5.56E-09	25YrCance	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	463849.1	3773194	5.53E-09	25YrCance	5.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	463849.1	3773185	5.50E-09	25YrCance	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	463849.1	3773175	5.47E-09	25YrCance	5.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	463849	3773166	5.44E-09	25YrCance	5.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	463849	3773156	5.41E-09	25YrCance	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	463849	3773147	5.38E-09	25YrCance	5.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	463889.2	3773241	5.18E-09	25YrCance	5.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	463889.2	3773232	5.15E-09	25YrCance	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	463889.1	3773222	5.12E-09	25YrCance	5.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	463889.1	3773213	5.10E-09	25YrCance	5.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	463889.1	3773203	5.07E-09	25YrCance	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	463889.1	3773194	5.04E-09	25YrCance	5.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	463889.1	3773185	5.02E-09	25YrCance	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	463889.1	3773175	4.99E-09	25YrCance	4.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	463889	3773166	4.96E-09	25YrCance	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	463889	3773156	4.94E-09	25YrCance	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	463889	3773147	4.91E-09	25YrCance	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	463929.2	3773241	4.74E-09	25YrCance	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	463929.2	3773232	4.72E-09	25YrCance	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	463929.1	3773222	4.69E-09	25YrCance	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	463929.1	3773213	4.67E-09	25YrCance	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	463929.1	3773203	4.65E-09	25YrCance	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	463929.1	3773194	4.62E-09	25YrCance	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	463929.1	3773184	4.60E-09	25YrCance	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	463929.1	3773175	4.58E-09	25YrCance	4.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	463929	3773166	4.56E-09	25YrCance	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

863	ALL	463929	3773156	4.53E-09	25YrCance	4.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	463929	3773147	4.51E-09	25YrCance	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	463969.2	3773241	4.36E-09	25YrCance	4.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	463969.2	3773232	4.34E-09	25YrCance	4.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	463969.1	3773222	4.32E-09	25YrCance	4.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	463969.1	3773213	4.30E-09	25YrCance	4.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	463969.1	3773203	4.28E-09	25YrCance	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL	463969.1	3773194	4.26E-09	25YrCance	4.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL	463969.1	3773184	4.24E-09	25YrCance	4.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	463969.1	3773175	4.22E-09	25YrCance	4.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL	463969	3773166	4.20E-09	25YrCance	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	463969	3773156	4.18E-09	25YrCance	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL	463969	3773147	4.17E-09	25YrCance	4.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL	464009.2	3773241	4.03E-09	25YrCance	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL	464009.2	3773231	4.01E-09	25YrCance	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL	464009.1	3773222	3.99E-09	25YrCance	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL	464009.1	3773213	3.97E-09	25YrCance	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL	464009.1	3773203	3.96E-09	25YrCance	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	464009.1	3773194	3.94E-09	25YrCance	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL	464009.1	3773184	3.92E-09	25YrCance	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL	464009	3773175	3.90E-09	25YrCance	3.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL	464009	3773165	3.89E-09	25YrCance	3.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL	464009	3773156	3.87E-09	25YrCance	3.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL	464009	3773147	3.85E-09	25YrCance	3.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL	463009	3773139	4.39E-07	25YrCance	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL	462999.9	3773139	4.75E-07	25YrCance	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL	462990.8	3773139	4.46E-07	25YrCance	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL	462981.7	3773139	3.63E-07	25YrCance	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL	462972.6	3773139	2.66E-07	25YrCance	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL	462963.5	3773139	1.93E-07	25YrCance	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL	462954.4	3773139	1.45E-07	25YrCance	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL	462945.3	3773139	1.13E-07	25YrCance	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL	462936.2	3773139	9.09E-08	25YrCance	9.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL	462927.1	3773139	7.50E-08	25YrCance	7.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL	462918	3773139	6.32E-08	25YrCance	6.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL	462999.9	3773129	2.68E-07	25YrCance	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL	462990.8	3773129	2.59E-07	25YrCance	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL	462981.7	3773129	2.30E-07	25YrCance	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	ALL	462972.6	3773129	1.90E-07	25YrCance	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL	462963.5	3773129	1.53E-07	25YrCance	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL	462954.4	3773129	1.23E-07	25YrCance	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL	462945.3	3773129	9.98E-08	25YrCance	9.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL	462936.2	3773129	8.26E-08	25YrCance	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL	462927.1	3773129	6.95E-08	25YrCance	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL	462918	3773129	5.94E-08	25YrCance	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL	463033.1	3773134	2.00E-07	25YrCance	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	ALL	462999.8	3773119	1.76E-07	25YrCance	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	ALL	462990.7	3773119	1.73E-07	25YrCance	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

911 ALL	462981.6	3773119	1.60E-07 25YrCance	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912 ALL	462972.5	3773119	1.42E-07 25YrCance	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913 ALL	462963.4	3773119	1.21E-07 25YrCance	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914 ALL	462954.3	3773119	1.03E-07 25YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915 ALL	462945.2	3773119	8.69E-08 25YrCance	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916 ALL	462936.1	3773119	7.40E-08 25YrCance	7.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917 ALL	462927	3773119	6.36E-08 25YrCance	6.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918 ALL	462917.9	3773119	5.52E-08 25YrCance	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919 ALL	463040.2	3773127	1.41E-07 25YrCance	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920 ALL	462999.8	3773109	1.27E-07 25YrCance	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921 ALL	462990.7	3773109	1.25E-07 25YrCance	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922 ALL	462981.6	3773109	1.19E-07 25YrCance	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923 ALL	462972.5	3773109	1.09E-07 25YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924 ALL	462963.4	3773109	9.79E-08 25YrCance	9.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925 ALL	462954.3	3773109	8.61E-08 25YrCance	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926 ALL	462945.2	3773109	7.53E-08 25YrCance	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927 ALL	462936.1	3773109	6.58E-08 25YrCance	6.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928 ALL	462927	3773109	5.77E-08 25YrCance	5.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929 ALL	462917.9	3773109	5.09E-08 25YrCance	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930 ALL	463047.2	3773120	1.07E-07 25YrCance	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931 ALL	463053.1	3773134	1.26E-07 25YrCance	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932 ALL	462999.8	3773099	9.64E-08 25YrCance	9.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933 ALL	462990.7	3773099	9.58E-08 25YrCance	9.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934 ALL	462981.6	3773099	9.26E-08 25YrCance	9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935 ALL	462972.5	3773099	8.72E-08 25YrCance	8.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936 ALL	462963.4	3773099	8.03E-08 25YrCance	8.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937 ALL	462954.3	3773099	7.28E-08 25YrCance	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938 ALL	462945.2	3773099	6.53E-08 25YrCance	6.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939 ALL	462936.1	3773099	5.84E-08 25YrCance	5.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940 ALL	462927	3773099	5.22E-08 25YrCance	5.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941 ALL	462917.9	3773099	4.67E-08 25YrCance	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942 ALL	463044.3	3773103	7.99E-08 25YrCance	7.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943 ALL	463054.3	3773113	8.47E-08 25YrCance	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944 ALL	463060.2	3773127	9.80E-08 25YrCance	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945 ALL	462999.8	3773089	7.67E-08 25YrCance	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946 ALL	462990.7	3773089	7.65E-08 25YrCance	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947 ALL	462981.6	3773089	7.47E-08 25YrCance	7.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948 ALL	462972.5	3773089	7.14E-08 25YrCance	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949 ALL	462963.4	3773089	6.71E-08 25YrCance	6.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950 ALL	462954.3	3773089	6.21E-08 25YrCance	6.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951 ALL	462945.2	3773089	5.69E-08 25YrCance	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952 ALL	462936.1	3773089	5.18E-08 25YrCance	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953 ALL	462927	3773089	4.71E-08 25YrCance	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954 ALL	462917.9	3773089	4.28E-08 25YrCance	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955 ALL	463033.6	3773089	6.74E-08 25YrCance	6.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956 ALL	463050.1	3773096	6.64E-08 25YrCance	6.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957 ALL	463061.8	3773107	7.04E-08 25YrCance	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958 ALL	463068.7	3773124	8.16E-08 25YrCance	8.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

959	ALL	462999.7	3773079	6.31E-08	25YrCance	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL	462990.7	3773079	6.30E-08	25YrCance	6.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL	462981.6	3773079	6.18E-08	25YrCance	6.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL	462972.5	3773079	5.98E-08	25YrCance	5.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL	462963.4	3773079	5.69E-08	25YrCance	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL	462954.3	3773079	5.35E-08	25YrCance	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL	462945.2	3773079	4.99E-08	25YrCance	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL	462936.1	3773079	4.61E-08	25YrCance	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL	462927	3773079	4.25E-08	25YrCance	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL	462917.9	3773079	3.91E-08	25YrCance	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL	463033.1	3773079	5.70E-08	25YrCance	5.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL	463049.3	3773085	5.71E-08	25YrCance	5.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL	463068.8	3773100	5.93E-08	25YrCance	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL	463075.5	3773116	6.76E-08	25YrCance	6.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL	463082.3	3773132	7.52E-08	25YrCance	7.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL	462999.7	3773069	5.32E-08	25YrCance	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL	462990.6	3773069	5.31E-08	25YrCance	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL	462981.5	3773069	5.24E-08	25YrCance	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL	462972.4	3773069	5.10E-08	25YrCance	5.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL	462963.3	3773069	4.90E-08	25YrCance	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL	462954.2	3773069	4.67E-08	25YrCance	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL	462945.1	3773069	4.40E-08	25YrCance	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL	462936	3773069	4.12E-08	25YrCance	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL	462926.9	3773069	3.85E-08	25YrCance	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL	462917.8	3773069	3.58E-08	25YrCance	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL	463048.6	3773075	4.97E-08	25YrCance	4.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL	463064.5	3773082	4.88E-08	25YrCance	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL	463075.8	3773093	5.11E-08	25YrCance	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL	463082.4	3773109	5.75E-08	25YrCance	5.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL	463089.1	3773125	6.35E-08	25YrCance	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL	463048.1	3773065	4.37E-08	25YrCance	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL	463063.8	3773071	4.35E-08	25YrCance	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	ALL	463082.8	3773086	4.48E-08	25YrCance	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL	463089.4	3773101	4.98E-08	25YrCance	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL	463095.9	3773117	5.47E-08	25YrCance	5.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL	463102.5	3773133	5.92E-08	25YrCance	5.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL	463047.3	3773045	3.48E-08	25YrCance	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL	463062.8	3773051	3.51E-08	25YrCance	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL	463078.2	3773057	3.49E-08	25YrCance	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL	463096.9	3773071	3.58E-08	25YrCance	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL	463103.3	3773087	3.92E-08	25YrCance	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL	463109.7	3773102	4.25E-08	25YrCance	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	ALL	463116.2	3773118	4.58E-08	25YrCance	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL	463122.6	3773133	4.89E-08	25YrCance	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL	463050	3773026	2.87E-08	25YrCance	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL	463066.5	3773032	2.91E-08	25YrCance	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL	463083	3773039	2.92E-08	25YrCance	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL	463099.5	3773046	2.89E-08	25YrCance	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1007 ALL	463111.2	3773058	3.00E-08 25YrCance	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008 ALL	463118.1	3773074	3.26E-08 25YrCance	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009 ALL	463125	3773091	3.52E-08 25YrCance	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010 ALL	463131.8	3773107	3.78E-08 25YrCance	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011 ALL	463138.7	3773124	4.05E-08 25YrCance	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012 ALL	463049.1	3773005	2.42E-08 25YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013 ALL	463065.3	3773012	2.47E-08 25YrCance	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014 ALL	463081.5	3773019	2.50E-08 25YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015 ALL	463097.6	3773025	2.50E-08 25YrCance	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016 ALL	463113.8	3773032	2.49E-08 25YrCance	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017 ALL	463125.3	3773043	2.57E-08 25YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018 ALL	463132	3773060	2.77E-08 25YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019 ALL	463138.7	3773076	2.97E-08 25YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020 ALL	463145.4	3773092	3.17E-08 25YrCance	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021 ALL	463152.2	3773108	3.38E-08 25YrCance	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022 ALL	463158.9	3773124	3.60E-08 25YrCance	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023 ALL	463048.4	3772985	2.08E-08 25YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024 ALL	463064.4	3772992	2.13E-08 25YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025 ALL	463080.3	3772998	2.17E-08 25YrCance	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026 ALL	463096.2	3773005	2.19E-08 25YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027 ALL	463112.1	3773011	2.20E-08 25YrCance	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028 ALL	463128.1	3773018	2.19E-08 25YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029 ALL	463139.3	3773029	2.26E-08 25YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030 ALL	463145.9	3773045	2.41E-08 25YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031 ALL	463152.6	3773061	2.57E-08 25YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032 ALL	463159.2	3773077	2.73E-08 25YrCance	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033 ALL	463165.8	3773093	2.90E-08 25YrCance	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034 ALL	463172.4	3773109	3.08E-08 25YrCance	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035 ALL	463179.1	3773124	3.27E-08 25YrCance	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036 ALL	463050.2	3772966	1.83E-08 25YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037 ALL	463058.5	3772969	1.86E-08 25YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038 ALL	463066.9	3772973	1.88E-08 25YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039 ALL	463083.5	3772980	1.92E-08 25YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040 ALL	463091.8	3772983	1.93E-08 25YrCance	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041 ALL	463108.5	3772990	1.95E-08 25YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042 ALL	463116.8	3772993	1.96E-08 25YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043 ALL	463125.1	3772997	1.96E-08 25YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044 ALL	463141.8	3773004	1.96E-08 25YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045 ALL	463153.6	3773015	2.03E-08 25YrCance	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046 ALL	463160.5	3773032	2.16E-08 25YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047 ALL	463167.4	3773049	2.30E-08 25YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048 ALL	463174.4	3773065	2.44E-08 25YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049 ALL	463177.8	3773073	2.51E-08 25YrCance	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050 ALL	463184.8	3773090	2.66E-08 25YrCance	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051 ALL	463191.7	3773107	2.83E-08 25YrCance	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052 ALL	463198.6	3773123	3.01E-08 25YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053 ALL	463049.5	3772946	1.62E-08 25YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054 ALL	463065.9	3772952	1.67E-08 25YrCance	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1055	ALL	463082.3	3772959	1.71E-08	25YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL	463098.7	3772966	1.74E-08	25YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL	463115.1	3772973	1.76E-08	25YrCance	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL	463131.5	3772979	1.78E-08	25YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL	463147.8	3772986	1.79E-08	25YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL	463167.6	3773001	1.84E-08	25YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL	463174.5	3773017	1.96E-08	25YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL	463181.3	3773034	2.07E-08	25YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL	463188.1	3773050	2.19E-08	25YrCance	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL	463194.9	3773066	2.31E-08	25YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL	463201.7	3773083	2.44E-08	25YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL	463208.5	3773099	2.59E-08	25YrCance	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL	463215.4	3773115	2.75E-08	25YrCance	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL	463222.2	3773132	2.94E-08	25YrCance	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL	463048.9	3772925	1.46E-08	25YrCance	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL	463065.1	3772932	1.50E-08	25YrCance	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL	463081.3	3772939	1.54E-08	25YrCance	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL	463097.5	3772945	1.57E-08	25YrCance	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL	463113.6	3772952	1.60E-08	25YrCance	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL	463129.8	3772959	1.62E-08	25YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL	463146	3772965	1.63E-08	25YrCance	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL	463162.2	3772972	1.65E-08	25YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL	463181.7	3772987	1.70E-08	25YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL	463188.4	3773003	1.80E-08	25YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL	463195.2	3773019	1.89E-08	25YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL	463201.9	3773035	2.00E-08	25YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	ALL	463208.6	3773051	2.10E-08	25YrCance	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL	463215.4	3773067	2.21E-08	25YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL	463222.1	3773084	2.34E-08	25YrCance	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL	463228.8	3773100	2.47E-08	25YrCance	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL	463235.5	3773116	2.63E-08	25YrCance	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL	463242.3	3773132	2.81E-08	25YrCance	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL	463075.4	3772916	1.39E-08	25YrCance	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL	463083.7	3772920	1.40E-08	25YrCance	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL	463100.5	3772927	1.44E-08	25YrCance	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL	463108.8	3772930	1.45E-08	25YrCance	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL	463117.2	3772933	1.46E-08	25YrCance	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	ALL	463133.9	3772940	1.49E-08	25YrCance	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL	463142.3	3772944	1.50E-08	25YrCance	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL	463150.6	3772947	1.51E-08	25YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL	463159	3772951	1.52E-08	25YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL	463175.7	3772958	1.54E-08	25YrCance	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL	463184.1	3772961	1.54E-08	25YrCance	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL	463195.9	3772973	1.59E-08	25YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL	463199.4	3772981	1.64E-08	25YrCance	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL	463206.4	3772998	1.72E-08	25YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL	463209.9	3773006	1.77E-08	25YrCance	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL	463216.8	3773023	1.86E-08	25YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1103 ALL	463223.8	3773040	1.96E-08 25YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104 ALL	463227.3	3773048	2.01E-08 25YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105 ALL	463234.2	3773065	2.12E-08 25YrCance	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106 ALL	463241.2	3773081	2.24E-08 25YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107 ALL	463244.6	3773090	2.30E-08 25YrCance	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108 ALL	463251.6	3773106	2.44E-08 25YrCance	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109 ALL	463258.6	3773123	2.61E-08 25YrCance	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110 ALL	463262	3773131	2.71E-08 25YrCance	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111 ALL	463115.8	3772913	1.34E-08 25YrCance	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112 ALL	463132.3	3772920	1.37E-08 25YrCance	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113 ALL	463148.8	3772926	1.40E-08 25YrCance	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114 ALL	463165.3	3772933	1.42E-08 25YrCance	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115 ALL	463181.8	3772940	1.44E-08 25YrCance	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116 ALL	463198.3	3772947	1.46E-08 25YrCance	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117 ALL	463210	3772959	1.51E-08 25YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118 ALL	463216.9	3772975	1.58E-08 25YrCance	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119 ALL	463223.7	3772991	1.66E-08 25YrCance	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120 ALL	463230.6	3773008	1.75E-08 25YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121 ALL	463237.5	3773024	1.83E-08 25YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122 ALL	463244.4	3773041	1.92E-08 25YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123 ALL	463251.2	3773057	2.02E-08 25YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124 ALL	463258.1	3773074	2.13E-08 25YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125 ALL	463265	3773090	2.25E-08 25YrCance	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126 ALL	463271.8	3773107	2.40E-08 25YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127 ALL	463278.7	3773123	2.56E-08 25YrCance	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128 ALL	463179.9	3772919	1.34E-08 25YrCance	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129 ALL	463196.2	3772926	1.37E-08 25YrCance	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130 ALL	463212.5	3772933	1.40E-08 25YrCance	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131 ALL	463224.1	3772944	1.44E-08 25YrCance	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132 ALL	463230.9	3772961	1.51E-08 25YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133 ALL	463237.7	3772977	1.58E-08 25YrCance	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134 ALL	463244.5	3772993	1.66E-08 25YrCance	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135 ALL	463251.3	3773009	1.74E-08 25YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136 ALL	463258.1	3773026	1.82E-08 25YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137 ALL	463264.8	3773042	1.91E-08 25YrCance	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138 ALL	463271.6	3773058	2.01E-08 25YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139 ALL	463278.4	3773075	2.12E-08 25YrCance	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140 ALL	463285.2	3773091	2.24E-08 25YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141 ALL	463292	3773107	2.38E-08 25YrCance	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142 ALL	463298.8	3773124	2.55E-08 25YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143 ALL	463041.7	3772832	9.90E-09 25YrCance	9.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144 ALL	463058.4	3772839	1.02E-08 25YrCance	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145 ALL	463066.7	3772843	1.04E-08 25YrCance	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146 ALL	463075	3772846	1.05E-08 25YrCance	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147 ALL	463091.7	3772853	1.08E-08 25YrCance	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148 ALL	463100.1	3772856	1.10E-08 25YrCance	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149 ALL	463245.3	3772923	1.38E-08 25YrCance	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150 ALL	463252.3	3772940	1.45E-08 25YrCance	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1151 ALL	463255.7	3772948	1.48E-08 25YrCance	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152 ALL	463262.7	3772965	1.55E-08 25YrCance	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153 ALL	463269.6	3772981	1.62E-08 25YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154 ALL	463276.6	3772998	1.70E-08 25YrCance	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155 ALL	463280	3773006	1.74E-08 25YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156 ALL	463287	3773023	1.83E-08 25YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157 ALL	463290.4	3773031	1.87E-08 25YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158 ALL	463297.4	3773048	1.97E-08 25YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159 ALL	463300.8	3773056	2.02E-08 25YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160 ALL	463307.8	3773073	2.14E-08 25YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161 ALL	463314.7	3773090	2.27E-08 25YrCance	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162 ALL	463321.6	3773106	2.43E-08 25YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163 ALL	463325.1	3773115	2.51E-08 25YrCance	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164 ALL	463332.1	3773131	2.72E-08 25YrCance	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165 ALL	463049.3	3772806	9.11E-09 25YrCance	9.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166 ALL	463065.8	3772812	9.39E-09 25YrCance	9.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167 ALL	463082.2	3772819	9.66E-09 25YrCance	9.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168 ALL	463098.7	3772826	9.94E-09 25YrCance	9.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169 ALL	463115.1	3772833	1.02E-08 25YrCance	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170 ALL	463131.5	3772839	1.05E-08 25YrCance	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171 ALL	463148	3772846	1.08E-08 25YrCance	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172 ALL	463164.4	3772853	1.10E-08 25YrCance	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173 ALL	463180.8	3772860	1.13E-08 25YrCance	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174 ALL	463280.1	3772935	1.48E-08 25YrCance	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175 ALL	463287	3772951	1.55E-08 25YrCance	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176 ALL	463293.8	3772967	1.62E-08 25YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177 ALL	463300.6	3772984	1.71E-08 25YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178 ALL	463307.5	3773000	1.79E-08 25YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179 ALL	463314.3	3773017	1.89E-08 25YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180 ALL	463321.1	3773033	1.99E-08 25YrCance	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181 ALL	463328	3773049	2.11E-08 25YrCance	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182 ALL	463334.8	3773066	2.24E-08 25YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183 ALL	463341.6	3773082	2.40E-08 25YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184 ALL	463348.5	3773099	2.58E-08 25YrCance	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185 ALL	463355.3	3773115	2.80E-08 25YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186 ALL	463362.2	3773132	3.07E-08 25YrCance	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187 ALL	463041.6	3772772	8.24E-09 25YrCance	8.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188 ALL	463058.4	3772779	8.49E-09 25YrCance	8.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189 ALL	463066.7	3772783	8.62E-09 25YrCance	8.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190 ALL	463075.1	3772786	8.75E-09 25YrCance	8.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191 ALL	463083.5	3772790	8.88E-09 25YrCance	8.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192 ALL	463100.2	3772797	9.15E-09 25YrCance	9.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193 ALL	463108.6	3772800	9.28E-09 25YrCance	9.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194 ALL	463116.9	3772803	9.41E-09 25YrCance	9.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195 ALL	463133.6	3772810	9.68E-09 25YrCance	9.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196 ALL	463142	3772814	9.82E-09 25YrCance	9.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197 ALL	463150.4	3772817	9.96E-09 25YrCance	9.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198 ALL	463158.7	3772821	1.01E-08 25YrCance	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1199	ALL	463175.5	3772828	1.04E-08	25YrCance	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL	463183.8	3772831	1.06E-08	25YrCance	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL	463192.2	3772834	1.07E-08	25YrCance	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL	463208.9	3772841	1.11E-08	25YrCance	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL	463217.3	3772845	1.12E-08	25YrCance	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL	463225.7	3772848	1.14E-08	25YrCance	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL	463234	3772852	1.17E-08	25YrCance	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL	463250.7	3772859	1.21E-08	25YrCance	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL	463259.1	3772862	1.24E-08	25YrCance	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL	463305.1	3772922	1.54E-08	25YrCance	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	ALL	463312	3772939	1.62E-08	25YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL	463315.5	3772947	1.67E-08	25YrCance	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL	463322.5	3772964	1.76E-08	25YrCance	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	ALL	463329.4	3772981	1.86E-08	25YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL	463332.9	3772989	1.92E-08	25YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL	463339.9	3773006	2.04E-08	25YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL	463346.8	3773023	2.18E-08	25YrCance	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216	ALL	463350.3	3773031	2.26E-08	25YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	ALL	463357.3	3773048	2.45E-08	25YrCance	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	ALL	463364.2	3773064	2.67E-08	25YrCance	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	ALL	463367.7	3773073	2.80E-08	25YrCance	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	ALL	463374.6	3773089	3.12E-08	25YrCance	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	ALL	463381.6	3773106	3.54E-08	25YrCance	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	ALL	463385.1	3773114	3.82E-08	25YrCance	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	ALL	463392	3773131	4.58E-08	25YrCance	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	ALL	463032.9	3772739	7.49E-09	25YrCance	7.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	ALL	463049.4	3772746	7.72E-09	25YrCance	7.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	ALL	463065.9	3772752	7.96E-09	25YrCance	7.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	ALL	463082.4	3772759	8.20E-09	25YrCance	8.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	ALL	463098.9	3772766	8.45E-09	25YrCance	8.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	ALL	463115.5	3772773	8.70E-09	25YrCance	8.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	ALL	463132	3772780	8.96E-09	25YrCance	8.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231	ALL	463148.5	3772786	9.23E-09	25YrCance	9.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	ALL	463165	3772793	9.52E-09	25YrCance	9.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	ALL	463181.5	3772800	9.82E-09	25YrCance	9.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	ALL	463198	3772807	1.01E-08	25YrCance	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	ALL	463214.5	3772814	1.05E-08	25YrCance	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	ALL	463231.1	3772820	1.09E-08	25YrCance	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	ALL	463247.6	3772827	1.14E-08	25YrCance	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	ALL	463264.1	3772834	1.19E-08	25YrCance	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	ALL	463280.6	3772841	1.26E-08	25YrCance	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	ALL	463297.1	3772848	1.34E-08	25YrCance	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	ALL	463308.8	3772859	1.43E-08	25YrCance	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	ALL	463336.3	3772925	1.78E-08	25YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	ALL	463343.1	3772942	1.90E-08	25YrCance	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	ALL	463350	3772958	2.04E-08	25YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	ALL	463356.9	3772975	2.21E-08	25YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	ALL	463363.7	3772991	2.40E-08	25YrCance	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1247 ALL	463370.6	3773008	2.65E-08 25YrCance	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248 ALL	463377.5	3773024	2.97E-08 25YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249 ALL	463384.4	3773041	3.41E-08 25YrCance	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250 ALL	463391.2	3773057	4.06E-08 25YrCance	4.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251 ALL	463398.1	3773074	5.16E-08 25YrCance	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252 ALL	463405	3773090	7.54E-08 25YrCance	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253 ALL	463033.2	3772709	6.97E-09 25YrCance	6.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254 ALL	463041.6	3772712	7.08E-09 25YrCance	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255 ALL	463050	3772716	7.19E-09 25YrCance	7.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256 ALL	463066.7	3772723	7.42E-09 25YrCance	7.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257 ALL	463075.1	3772726	7.53E-09 25YrCance	7.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258 ALL	463083.5	3772730	7.65E-09 25YrCance	7.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259 ALL	463091.9	3772733	7.77E-09 25YrCance	7.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260 ALL	463108.6	3772740	8.01E-09 25YrCance	8.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261 ALL	463117	3772744	8.14E-09 25YrCance	8.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262 ALL	463125.4	3772747	8.27E-09 25YrCance	8.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263 ALL	463133.8	3772750	8.40E-09 25YrCance	8.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264 ALL	463150.5	3772757	8.67E-09 25YrCance	8.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265 ALL	463158.9	3772761	8.82E-09 25YrCance	8.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266 ALL	463167.3	3772764	8.96E-09 25YrCance	8.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267 ALL	463175.7	3772768	9.12E-09 25YrCance	9.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268 ALL	463184.1	3772771	9.28E-09 25YrCance	9.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269 ALL	463200.8	3772778	9.62E-09 25YrCance	9.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270 ALL	463209.2	3772781	9.80E-09 25YrCance	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271 ALL	463217.6	3772785	1.00E-08 25YrCance	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272 ALL	463226	3772788	1.02E-08 25YrCance	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273 ALL	463242.7	3772795	1.07E-08 25YrCance	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1274 ALL	463251.1	3772799	1.09E-08 25YrCance	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275 ALL	463259.5	3772802	1.12E-08 25YrCance	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276 ALL	463267.9	3772806	1.15E-08 25YrCance	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277 ALL	463284.6	3772813	1.22E-08 25YrCance	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278 ALL	463293	3772816	1.27E-08 25YrCance	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279 ALL	463301.4	3772819	1.31E-08 25YrCance	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280 ALL	463309.8	3772823	1.37E-08 25YrCance	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281 ALL	463330	3772838	1.56E-08 25YrCance	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282 ALL	463337	3772855	1.66E-08 25YrCance	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283 ALL	463368.4	3772930	2.39E-08 25YrCance	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284 ALL	463375.3	3772947	2.68E-08 25YrCance	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285 ALL	463382.3	3772964	3.06E-08 25YrCance	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286 ALL	463389.3	3772980	3.63E-08 25YrCance	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287 ALL	463396.3	3772997	4.55E-08 25YrCance	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288 ALL	463403.2	3773014	6.40E-08 25YrCance	6.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289 ALL	463448.5	3773123	4.00E-08 25YrCance	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290 ALL	463032.8	3772679	6.52E-09 25YrCance	6.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291 ALL	463049.4	3772686	6.72E-09 25YrCance	6.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292 ALL	463066	3772693	6.93E-09 25YrCance	6.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293 ALL	463082.6	3772699	7.15E-09 25YrCance	7.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294 ALL	463099.1	3772706	7.38E-09 25YrCance	7.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1295	ALL	463115.7	3772713	7.62E-09	25YrCance	7.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	ALL	463124	3772716	7.74E-09	25YrCance	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297	ALL	463140.6	3772723	8.00E-09	25YrCance	8.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	ALL	463157.1	3772730	8.27E-09	25YrCance	8.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	ALL	463173.7	3772737	8.57E-09	25YrCance	8.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	ALL	463190.3	3772744	8.89E-09	25YrCance	8.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	ALL	463206.9	3772751	9.24E-09	25YrCance	9.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	ALL	463223.4	3772757	9.64E-09	25YrCance	9.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	ALL	463231.7	3772761	9.86E-09	25YrCance	9.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304	ALL	463248.3	3772768	1.03E-08	25YrCance	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305	ALL	463264.9	3772774	1.09E-08	25YrCance	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1306	ALL	463281.4	3772781	1.16E-08	25YrCance	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307	ALL	463289.7	3772785	1.20E-08	25YrCance	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308	ALL	463306.3	3772791	1.30E-08	25YrCance	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309	ALL	463322.9	3772798	1.43E-08	25YrCance	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310	ALL	463339.4	3772805	1.61E-08	25YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311	ALL	463351.2	3772817	1.80E-08	25YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312	ALL	463358	3772833	1.96E-08	25YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1313	ALL	463361.5	3772842	2.05E-08	25YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314	ALL	463368.4	3772858	2.26E-08	25YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315	ALL	463402.8	3772941	6.04E-08	25YrCance	6.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316	ALL	463447.6	3773048	3.89E-08	25YrCance	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317	ALL	463454.5	3773065	3.34E-08	25YrCance	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318	ALL	463461.4	3773082	2.98E-08	25YrCance	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319	ALL	463468.3	3773098	2.73E-08	25YrCance	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320	ALL	463475.2	3773115	2.55E-08	25YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321	ALL	463482.1	3773131	2.41E-08	25YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322	ALL	463033.1	3772649	6.14E-09	25YrCance	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323	ALL	463041.5	3772652	6.23E-09	25YrCance	6.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324	ALL	463049.9	3772656	6.33E-09	25YrCance	6.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325	ALL	463058.3	3772659	6.43E-09	25YrCance	6.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326	ALL	463066.7	3772663	6.53E-09	25YrCance	6.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327	ALL	463075.1	3772666	6.64E-09	25YrCance	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328	ALL	463083.5	3772670	6.74E-09	25YrCance	6.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329	ALL	463091.9	3772673	6.85E-09	25YrCance	6.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330	ALL	463100.3	3772677	6.97E-09	25YrCance	6.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331	ALL	463108.7	3772680	7.08E-09	25YrCance	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332	ALL	463117.1	3772684	7.20E-09	25YrCance	7.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333	ALL	463125.4	3772687	7.33E-09	25YrCance	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334	ALL	463133.8	3772691	7.45E-09	25YrCance	7.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335	ALL	463142.2	3772694	7.58E-09	25YrCance	7.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336	ALL	463150.6	3772697	7.72E-09	25YrCance	7.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337	ALL	463159	3772701	7.86E-09	25YrCance	7.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338	ALL	463167.4	3772704	8.01E-09	25YrCance	8.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339	ALL	463175.8	3772708	8.16E-09	25YrCance	8.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340	ALL	463184.2	3772711	8.32E-09	25YrCance	8.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341	ALL	463192.6	3772715	8.49E-09	25YrCance	8.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342	ALL	463201	3772718	8.67E-09	25YrCance	8.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1343	ALL	463217.8	3772725	9.05E-09	25YrCance	9.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	ALL	463226.2	3772729	9.26E-09	25YrCance	9.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345	ALL	463234.6	3772732	9.49E-09	25YrCance	9.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	ALL	463243	3772735	9.74E-09	25YrCance	9.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	ALL	463251.4	3772739	1.00E-08	25YrCance	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	ALL	463259.8	3772742	1.03E-08	25YrCance	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	ALL	463268.1	3772746	1.06E-08	25YrCance	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	ALL	463276.5	3772749	1.10E-08	25YrCance	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1351	ALL	463284.9	3772753	1.14E-08	25YrCance	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	ALL	463293.3	3772756	1.18E-08	25YrCance	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	ALL	463301.7	3772760	1.23E-08	25YrCance	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	ALL	463310.1	3772763	1.29E-08	25YrCance	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	ALL	463318.5	3772767	1.35E-08	25YrCance	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	ALL	463326.9	3772770	1.43E-08	25YrCance	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	ALL	463335.3	3772773	1.52E-08	25YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	ALL	463343.7	3772777	1.63E-08	25YrCance	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	ALL	463352.1	3772780	1.77E-08	25YrCance	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	ALL	463360.5	3772784	1.95E-08	25YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	ALL	463372.4	3772796	2.31E-08	25YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	ALL	463379.4	3772812	2.64E-08	25YrCance	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363	ALL	463386.3	3772829	3.10E-08	25YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364	ALL	463393.3	3772846	3.81E-08	25YrCance	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1365	ALL	463400.3	3772863	5.09E-08	25YrCance	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366	ALL	463452.7	3772988	3.32E-08	25YrCance	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367	ALL	463459.6	3773005	2.91E-08	25YrCance	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368	ALL	463466.6	3773022	2.62E-08	25YrCance	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369	ALL	463473.6	3773039	2.42E-08	25YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370	ALL	463480.6	3773055	2.26E-08	25YrCance	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371	ALL	463487.6	3773072	2.14E-08	25YrCance	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372	ALL	463494.6	3773089	2.04E-08	25YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373	ALL	463501.5	3773106	1.96E-08	25YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374	ALL	463508.5	3773122	1.89E-08	25YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375	ALL	463032.8	3772619	5.79E-09	25YrCance	5.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376	ALL	463049.4	3772626	5.97E-09	25YrCance	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377	ALL	463057.7	3772629	6.07E-09	25YrCance	6.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378	ALL	463074.3	3772636	6.26E-09	25YrCance	6.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1379	ALL	463091	3772643	6.47E-09	25YrCance	6.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380	ALL	463099.3	3772646	6.58E-09	25YrCance	6.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381	ALL	463107.6	3772650	6.69E-09	25YrCance	6.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382	ALL	463115.9	3772653	6.80E-09	25YrCance	6.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1383	ALL	463132.5	3772660	7.05E-09	25YrCance	7.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1384	ALL	463149.1	3772667	7.30E-09	25YrCance	7.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385	ALL	463157.4	3772670	7.44E-09	25YrCance	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386	ALL	463165.7	3772674	7.58E-09	25YrCance	7.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387	ALL	463182.3	3772681	7.89E-09	25YrCance	7.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388	ALL	463190.6	3772684	8.05E-09	25YrCance	8.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1389	ALL	463207.3	3772691	8.41E-09	25YrCance	8.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1390	ALL	463215.6	3772694	8.61E-09	25YrCance	8.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1391	ALL	463232.2	3772701	9.04E-09	25YrCance	9.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1392	ALL	463240.5	3772704	9.28E-09	25YrCance	9.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1393	ALL	463257.1	3772711	9.82E-09	25YrCance	9.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1394	ALL	463273.7	3772718	1.05E-08	25YrCance	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1395	ALL	463290.3	3772725	1.13E-08	25YrCance	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1396	ALL	463298.7	3772728	1.17E-08	25YrCance	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1397	ALL	463315.3	3772735	1.29E-08	25YrCance	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1398	ALL	463331.9	3772742	1.45E-08	25YrCance	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1399	ALL	463340.2	3772746	1.55E-08	25YrCance	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400	ALL	463348.5	3772749	1.67E-08	25YrCance	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1401	ALL	463365.1	3772756	2.04E-08	25YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1402	ALL	463373.4	3772759	2.31E-08	25YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1403	ALL	463393.5	3772774	3.75E-08	25YrCance	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1404	ALL	463400.4	3772791	5.01E-08	25YrCance	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1405	ALL	463459.2	3772932	2.83E-08	25YrCance	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406	ALL	463466.1	3772949	2.53E-08	25YrCance	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1407	ALL	463473	3772965	2.32E-08	25YrCance	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1408	ALL	463476.4	3772973	2.23E-08	25YrCance	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1409	ALL	463483.3	3772990	2.09E-08	25YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1410	ALL	463490.3	3773007	1.97E-08	25YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1411	ALL	463497.2	3773023	1.87E-08	25YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1412	ALL	463504.1	3773040	1.80E-08	25YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413	ALL	463511	3773056	1.73E-08	25YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1414	ALL	463517.9	3773073	1.67E-08	25YrCance	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1415	ALL	463524.8	3773090	1.63E-08	25YrCance	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416	ALL	463531.7	3773106	1.59E-08	25YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1417	ALL	463535.2	3773114	1.57E-08	25YrCance	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1418	ALL	463542.1	3773131	1.53E-08	25YrCance	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1419	ALL	463033	3772589	5.49E-09	25YrCance	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1420	ALL	463041.4	3772592	5.58E-09	25YrCance	5.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421	ALL	463049.8	3772596	5.67E-09	25YrCance	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1422	ALL	463058.2	3772599	5.76E-09	25YrCance	5.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1423	ALL	463066.6	3772603	5.85E-09	25YrCance	5.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1424	ALL	463075	3772606	5.95E-09	25YrCance	5.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1425	ALL	463083.4	3772610	6.05E-09	25YrCance	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426	ALL	463091.8	3772613	6.15E-09	25YrCance	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1427	ALL	463100.3	3772617	6.26E-09	25YrCance	6.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1428	ALL	463108.7	3772620	6.37E-09	25YrCance	6.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1429	ALL	463117.1	3772624	6.48E-09	25YrCance	6.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430	ALL	463125.5	3772627	6.60E-09	25YrCance	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1431	ALL	463133.9	3772631	6.72E-09	25YrCance	6.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1432	ALL	463142.3	3772634	6.85E-09	25YrCance	6.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1433	ALL	463150.7	3772637	6.98E-09	25YrCance	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1434	ALL	463159.1	3772641	7.12E-09	25YrCance	7.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1435	ALL	463167.5	3772644	7.26E-09	25YrCance	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1436	ALL	463175.9	3772648	7.41E-09	25YrCance	7.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1437	ALL	463184.3	3772651	7.57E-09	25YrCance	7.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1438	ALL	463192.7	3772655	7.74E-09	25YrCance	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1439	ALL	463201.1	3772658	7.92E-09	25YrCance	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1440	ALL	463209.5	3772662	8.11E-09	25YrCance	8.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1441	ALL	463217.9	3772665	8.31E-09	25YrCance	8.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1442	ALL	463226.3	3772669	8.52E-09	25YrCance	8.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1443	ALL	463234.7	3772672	8.76E-09	25YrCance	8.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1444	ALL	463243.1	3772676	9.01E-09	25YrCance	9.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1445	ALL	463251.5	3772679	9.28E-09	25YrCance	9.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1446	ALL	463259.9	3772682	9.57E-09	25YrCance	9.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1447	ALL	463268.3	3772686	9.90E-09	25YrCance	9.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1448	ALL	463276.7	3772689	1.03E-08	25YrCance	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1449	ALL	463285.2	3772693	1.07E-08	25YrCance	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1450	ALL	463293.6	3772696	1.11E-08	25YrCance	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1451	ALL	463302	3772700	1.16E-08	25YrCance	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1452	ALL	463310.4	3772703	1.22E-08	25YrCance	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1453	ALL	463318.8	3772707	1.28E-08	25YrCance	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1454	ALL	463327.2	3772710	1.36E-08	25YrCance	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1455	ALL	463335.6	3772714	1.46E-08	25YrCance	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456	ALL	463344	3772717	1.57E-08	25YrCance	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1457	ALL	463352.4	3772721	1.71E-08	25YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1458	ALL	463360.8	3772724	1.89E-08	25YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1459	ALL	463369.2	3772727	2.13E-08	25YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1460	ALL	463377.6	3772731	2.47E-08	25YrCance	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1461	ALL	463386	3772734	2.97E-08	25YrCance	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1462	ALL	463394.4	3772738	3.84E-08	25YrCance	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1463	ALL	463402.8	3772741	5.70E-08	25YrCance	5.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1464	ALL	463439.2	3772812	4.84E-08	25YrCance	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1465	ALL	463446.2	3772829	3.74E-08	25YrCance	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1466	ALL	463453.2	3772845	3.10E-08	25YrCance	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1467	ALL	463460.2	3772862	2.70E-08	25YrCance	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1468	ALL	463463.6	3772871	2.54E-08	25YrCance	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1469	ALL	463491.6	3772938	1.85E-08	25YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1470	ALL	463495.1	3772946	1.80E-08	25YrCance	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1471	ALL	463502.1	3772963	1.72E-08	25YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1472	ALL	463509.1	3772980	1.65E-08	25YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1473	ALL	463516.1	3772996	1.58E-08	25YrCance	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1474	ALL	463523.1	3773013	1.53E-08	25YrCance	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1475	ALL	463526.6	3773022	1.51E-08	25YrCance	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1476	ALL	463533.6	3773038	1.47E-08	25YrCance	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1477	ALL	463540.5	3773055	1.43E-08	25YrCance	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1478	ALL	463547.5	3773072	1.40E-08	25YrCance	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1479	ALL	463551	3773080	1.38E-08	25YrCance	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1480	ALL	463558	3773097	1.35E-08	25YrCance	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1481	ALL	463565	3773114	1.33E-08	25YrCance	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1482	ALL	463572	3773131	1.31E-08	25YrCance	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1483	ALL	463032.7	3772559	5.21E-09	25YrCance	5.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1484	ALL	463049.4	3772566	5.38E-09	25YrCance	5.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1485	ALL	463057.7	3772569	5.47E-09	25YrCance	5.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1486	ALL	463066	3772573	5.56E-09	25YrCance	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1487	ALL	463082.7	3772580	5.75E-09	25YrCance	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1488	ALL	463091	3772583	5.84E-09	25YrCance	5.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1489	ALL	463107.7	3772590	6.05E-09	25YrCance	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1490	ALL	463116	3772593	6.16E-09	25YrCance	6.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1491	ALL	463124.3	3772597	6.28E-09	25YrCance	6.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1492	ALL	463141	3772604	6.52E-09	25YrCance	6.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1493	ALL	463149.3	3772607	6.65E-09	25YrCance	6.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1494	ALL	463165.9	3772614	6.92E-09	25YrCance	6.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1495	ALL	463174.3	3772617	7.07E-09	25YrCance	7.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1496	ALL	463182.6	3772621	7.22E-09	25YrCance	7.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1497	ALL	463199.2	3772628	7.56E-09	25YrCance	7.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1498	ALL	463207.6	3772631	7.74E-09	25YrCance	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1499	ALL	463224.2	3772638	8.15E-09	25YrCance	8.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500	ALL	463232.6	3772641	8.38E-09	25YrCance	8.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1501	ALL	463240.9	3772645	8.62E-09	25YrCance	8.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1502	ALL	463257.5	3772652	9.17E-09	25YrCance	9.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1503	ALL	463265.9	3772655	9.48E-09	25YrCance	9.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1504	ALL	463282.5	3772662	1.02E-08	25YrCance	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1505	ALL	463290.8	3772665	1.06E-08	25YrCance	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1506	ALL	463299.2	3772669	1.11E-08	25YrCance	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1507	ALL	463315.8	3772676	1.23E-08	25YrCance	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1508	ALL	463324.1	3772679	1.30E-08	25YrCance	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1509	ALL	463340.8	3772686	1.49E-08	25YrCance	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1510	ALL	463349.1	3772689	1.62E-08	25YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1511	ALL	463357.5	3772693	1.79E-08	25YrCance	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1512	ALL	463374.1	3772700	2.29E-08	25YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1513	ALL	463382.4	3772703	2.70E-08	25YrCance	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1514	ALL	463399.1	3772710	4.64E-08	25YrCance	4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1515	ALL	463439.3	3772740	4.74E-08	25YrCance	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1516	ALL	463446.2	3772757	3.66E-08	25YrCance	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1517	ALL	463453.2	3772773	3.04E-08	25YrCance	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1518	ALL	463460.1	3772790	2.63E-08	25YrCance	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1519	ALL	463467	3772807	2.35E-08	25YrCance	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1520	ALL	463473.9	3772823	2.13E-08	25YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1521	ALL	463480.9	3772840	1.97E-08	25YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1522	ALL	463487.8	3772857	1.84E-08	25YrCance	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1523	ALL	463494.7	3772873	1.73E-08	25YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1524	ALL	463522.4	3772940	1.45E-08	25YrCance	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1525	ALL	463529.3	3772956	1.41E-08	25YrCance	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1526	ALL	463536.3	3772973	1.37E-08	25YrCance	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1527	ALL	463543.2	3772990	1.33E-08	25YrCance	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1528	ALL	463550.1	3773006	1.30E-08	25YrCance	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1529	ALL	463557.1	3773023	1.27E-08	25YrCance	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1530	ALL	463564	3773039	1.24E-08	25YrCance	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1531	ALL	463570.9	3773056	1.22E-08	25YrCance	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1532	ALL	463577.8	3773073	1.20E-08	25YrCance	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1533	ALL	463584.8	3773089	1.18E-08	25YrCance	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1534	ALL	463591.7	3773106	1.16E-08	25YrCance	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1535	ALL	463598.6	3773123	1.15E-08	25YrCance	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1536	ALL	463032.8	3772519	4.88E-09	25YrCance	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1537	ALL	463041.2	3772522	4.96E-09	25YrCance	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1538	ALL	463049.6	3772526	5.05E-09	25YrCance	5.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1539	ALL	463058	3772529	5.13E-09	25YrCance	5.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1540	ALL	463066.4	3772533	5.22E-09	25YrCance	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1541	ALL	463074.8	3772536	5.31E-09	25YrCance	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1542	ALL	463083.2	3772540	5.40E-09	25YrCance	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1543	ALL	463091.5	3772543	5.50E-09	25YrCance	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1544	ALL	463099.9	3772547	5.60E-09	25YrCance	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1545	ALL	463116.7	3772554	5.81E-09	25YrCance	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1546	ALL	463125.1	3772557	5.92E-09	25YrCance	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1547	ALL	463133.5	3772560	6.04E-09	25YrCance	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1548	ALL	463141.9	3772564	6.16E-09	25YrCance	6.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1549	ALL	463158.6	3772571	6.42E-09	25YrCance	6.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1550	ALL	463167	3772574	6.56E-09	25YrCance	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1551	ALL	463175.4	3772578	6.71E-09	25YrCance	6.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1552	ALL	463183.8	3772581	6.86E-09	25YrCance	6.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1553	ALL	463192.2	3772585	7.03E-09	25YrCance	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1554	ALL	463200.6	3772588	7.21E-09	25YrCance	7.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1555	ALL	463209	3772592	7.39E-09	25YrCance	7.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1556	ALL	463217.4	3772595	7.59E-09	25YrCance	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557	ALL	463225.7	3772598	7.81E-09	25YrCance	7.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558	ALL	463234.1	3772602	8.04E-09	25YrCance	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1559	ALL	463242.5	3772605	8.29E-09	25YrCance	8.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560	ALL	463250.9	3772609	8.56E-09	25YrCance	8.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1561	ALL	463259.3	3772612	8.85E-09	25YrCance	8.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562	ALL	463267.7	3772616	9.18E-09	25YrCance	9.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1563	ALL	463276.1	3772619	9.53E-09	25YrCance	9.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564	ALL	463284.5	3772623	9.93E-09	25YrCance	9.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1565	ALL	463301.2	3772630	1.09E-08	25YrCance	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1566	ALL	463309.6	3772633	1.15E-08	25YrCance	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1567	ALL	463318	3772636	1.21E-08	25YrCance	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1568	ALL	463326.4	3772640	1.29E-08	25YrCance	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1569	ALL	463343.2	3772647	1.49E-08	25YrCance	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1570	ALL	463351.6	3772650	1.63E-08	25YrCance	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1571	ALL	463360	3772654	1.81E-08	25YrCance	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1572	ALL	463368.3	3772657	2.04E-08	25YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1573	ALL	463376.7	3772661	2.37E-08	25YrCance	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1574	ALL	463385.1	3772664	2.85E-08	25YrCance	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1575	ALL	463393.5	3772668	3.67E-08	25YrCance	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1576	ALL	463401.9	3772671	5.37E-08	25YrCance	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577	ALL	463443.8	3772688	3.91E-08	25YrCance	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1578	ALL	463452.2	3772692	3.04E-08	25YrCance	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1579	ALL	463464.1	3772704	2.37E-08	25YrCance	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1580	ALL	463467.6	3772712	2.24E-08	25YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1581	ALL	463474.6	3772729	2.04E-08	25YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1582	ALL	463481.5	3772745	1.87E-08	25YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1583	ALL	463488.5	3772762	1.75E-08	25YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1584	ALL	463495.5	3772779	1.64E-08	25YrCance	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1585	ALL	463502.5	3772796	1.55E-08	25YrCance	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1586	ALL	463509.5	3772812	1.48E-08	25YrCance	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1587	ALL	463516.4	3772829	1.41E-08	25YrCance	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1588	ALL	463523.4	3772846	1.36E-08	25YrCance	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1589	ALL	463530.4	3772863	1.31E-08	25YrCance	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1590	ALL	463558.3	3772930	1.17E-08	25YrCance	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1591	ALL	463565.3	3772946	1.15E-08	25YrCance	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1592	ALL	463572.2	3772963	1.12E-08	25YrCance	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1593	ALL	463579.2	3772980	1.10E-08	25YrCance	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1594	ALL	463586.2	3772997	1.08E-08	25YrCance	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1595	ALL	463593.2	3773013	1.07E-08	25YrCance	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1596	ALL	463600.2	3773030	1.05E-08	25YrCance	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1597	ALL	463607.1	3773047	1.03E-08	25YrCance	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1598	ALL	463610.6	3773055	1.03E-08	25YrCance	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1599	ALL	463617.6	3773072	1.01E-08	25YrCance	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600	ALL	463624.6	3773089	1.00E-08	25YrCance	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1601	ALL	463631.6	3773105	9.89E-09	25YrCance	9.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1602	ALL	463638.5	3773122	9.77E-09	25YrCance	9.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1603	ALL	463032.5	3772479	4.59E-09	25YrCance	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1604	ALL	463049.1	3772486	4.74E-09	25YrCance	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1605	ALL	463065.7	3772493	4.90E-09	25YrCance	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1606	ALL	463082.3	3772499	5.07E-09	25YrCance	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1607	ALL	463098.8	3772506	5.26E-09	25YrCance	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608	ALL	463107.1	3772510	5.36E-09	25YrCance	5.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1609	ALL	463123.7	3772516	5.57E-09	25YrCance	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1610	ALL	463140.3	3772523	5.80E-09	25YrCance	5.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1611	ALL	463156.9	3772530	6.05E-09	25YrCance	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1612	ALL	463173.5	3772537	6.33E-09	25YrCance	6.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1613	ALL	463190.1	3772544	6.64E-09	25YrCance	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1614	ALL	463206.7	3772551	6.99E-09	25YrCance	6.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1615	ALL	463223.3	3772557	7.39E-09	25YrCance	7.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1616	ALL	463239.9	3772564	7.86E-09	25YrCance	7.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1617	ALL	463256.5	3772571	8.40E-09	25YrCance	8.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1618	ALL	463273.1	3772578	9.06E-09	25YrCance	9.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1619	ALL	463281.4	3772581	9.44E-09	25YrCance	9.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1620	ALL	463298	3772588	1.03E-08	25YrCance	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1621	ALL	463314.6	3772595	1.15E-08	25YrCance	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1622	ALL	463331.2	3772602	1.31E-08	25YrCance	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1623	ALL	463347.8	3772609	1.53E-08	25YrCance	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1624	ALL	463364.4	3772616	1.89E-08	25YrCance	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1625	ALL	463381	3772622	2.56E-08	25YrCance	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1626	ALL	463397.6	3772629	4.29E-08	25YrCance	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1627	ALL	463439.1	3772646	4.71E-08	25YrCance	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1628	ALL	463455.6	3772653	2.77E-08	25YrCance	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1629	ALL	463472.2	3772660	2.06E-08	25YrCance	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1630	ALL	463492.3	3772675	1.62E-08	25YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1631	ALL	463495.7	3772683	1.57E-08	25YrCance	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1632	ALL	463502.6	3772700	1.48E-08	25YrCance	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1633	ALL	463509.5	3772717	1.41E-08	25YrCance	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1634	ALL	463516.4	3772733	1.34E-08	25YrCance	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1635	ALL	463519.9	3772741	1.32E-08	25YrCance	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1636	ALL	463526.8	3772758	1.26E-08	25YrCance	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1637	ALL	463533.7	3772775	1.22E-08	25YrCance	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1638	ALL	463540.6	3772791	1.18E-08	25YrCance	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1639	ALL	463547.5	3772808	1.15E-08	25YrCance	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1640	ALL	463554.4	3772824	1.11E-08	25YrCance	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1641	ALL	463561.3	3772841	1.09E-08	25YrCance	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1642	ALL	463568.2	3772857	1.06E-08	25YrCance	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1643	ALL	463571.7	3772866	1.05E-08	25YrCance	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1644	ALL	463599.3	3772932	9.75E-09	25YrCance	9.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1645	ALL	463606.2	3772948	9.60E-09	25YrCance	9.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1646	ALL	463613.1	3772965	9.46E-09	25YrCance	9.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647	ALL	463620	3772982	9.33E-09	25YrCance	9.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1648	ALL	463623.4	3772990	9.27E-09	25YrCance	9.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1649	ALL	463630.3	3773006	9.15E-09	25YrCance	9.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650	ALL	463637.2	3773023	9.04E-09	25YrCance	9.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1651	ALL	463644.1	3773040	8.94E-09	25YrCance	8.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1652	ALL	463647.6	3773048	8.89E-09	25YrCance	8.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1653	ALL	463654.5	3773064	8.79E-09	25YrCance	8.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1654	ALL	463661.4	3773081	8.70E-09	25YrCance	8.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1655	ALL	463668.3	3773098	8.61E-09	25YrCance	8.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1656	ALL	463675.2	3773114	8.52E-09	25YrCance	8.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1657	ALL	463682.1	3773131	8.44E-09	25YrCance	8.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1658	ALL	463032.6	3772439	4.32E-09	25YrCance	4.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1659	ALL	463040.9	3772442	4.39E-09	25YrCance	4.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1660	ALL	463124.4	3772477	5.27E-09	25YrCance	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1661	ALL	463132.8	3772480	5.38E-09	25YrCance	5.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1662	ALL	463141.2	3772484	5.50E-09	25YrCance	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1663	ALL	463149.5	3772487	5.62E-09	25YrCance	5.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1664	ALL	463166.2	3772494	5.89E-09	25YrCance	5.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1665	ALL	463174.6	3772497	6.03E-09	25YrCance	6.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1666	ALL	463182.9	3772501	6.18E-09	25YrCance	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1667	ALL	463199.6	3772508	6.51E-09	25YrCance	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1668	ALL	463208	3772511	6.69E-09	25YrCance	6.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1669	ALL	463216.3	3772515	6.89E-09	25YrCance	6.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1670	ALL	463233	3772522	7.33E-09	25YrCance	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1671	ALL	463241.4	3772525	7.57E-09	25YrCance	7.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1672	ALL	463249.7	3772528	7.84E-09	25YrCance	7.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1673	ALL	463266.5	3772535	8.45E-09	25YrCance	8.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1674	ALL	463274.8	3772539	8.80E-09	25YrCance	8.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1675	ALL	463283.2	3772542	9.20E-09	25YrCance	9.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1676	ALL	463299.9	3772549	1.01E-08	25YrCance	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1677	ALL	463308.2	3772552	1.07E-08	25YrCance	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1678	ALL	463316.6	3772556	1.13E-08	25YrCance	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1679	ALL	463333.3	3772563	1.30E-08	25YrCance	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1680	ALL	463341.6	3772566	1.41E-08	25YrCance	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1681	ALL	463350	3772570	1.54E-08	25YrCance	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1682	ALL	463358.3	3772573	1.71E-08	25YrCance	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1683	ALL	463375.1	3772580	2.24E-08	25YrCance	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1684	ALL	463383.4	3772583	2.68E-08	25YrCance	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1685	ALL	463391.8	3772587	3.41E-08	25YrCance	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1686	ALL	463441.9	3772608	4.14E-08	25YrCance	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1687	ALL	463450.2	3772611	3.14E-08	25YrCance	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1688	ALL	463458.6	3772614	2.57E-08	25YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1689	ALL	463475.3	3772621	1.94E-08	25YrCance	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1690	ALL	463483.7	3772625	1.75E-08	25YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1691	ALL	463492	3772628	1.59E-08	25YrCance	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1692	ALL	463508.7	3772635	1.37E-08	25YrCance	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1693	ALL	463520.5	3772647	1.25E-08	25YrCance	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1694	ALL	463524	3772655	1.22E-08	25YrCance	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1695	ALL	463531	3772672	1.18E-08	25YrCance	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1696	ALL	463534.4	3772680	1.15E-08	25YrCance	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1697	ALL	463541.4	3772697	1.11E-08	25YrCance	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1698	ALL	463544.9	3772705	1.10E-08	25YrCance	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1699	ALL	463551.8	3772722	1.06E-08	25YrCance	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700	ALL	463558.8	3772739	1.03E-08	25YrCance	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1701	ALL	463562.2	3772747	1.02E-08	25YrCance	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1702	ALL	463569.2	3772764	9.96E-09	25YrCance	9.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1703	ALL	463572.7	3772772	9.84E-09	25YrCance	9.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1704	ALL	463579.6	3772789	9.63E-09	25YrCance	9.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1705	ALL	463583.1	3772797	9.53E-09	25YrCance	9.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1706	ALL	463590	3772814	9.34E-09	25YrCance	9.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1707	ALL	463593.5	3772822	9.25E-09	25YrCance	9.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1708	ALL	463600.4	3772839	9.09E-09	25YrCance	9.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1709	ALL	463607.4	3772855	8.94E-09	25YrCance	8.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1710	ALL	463610.9	3772864	8.87E-09	25YrCance	8.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1711	ALL	463638.7	3772930	8.40E-09	25YrCance	8.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1712	ALL	463642.1	3772939	8.34E-09	25YrCance	8.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1713	ALL	463649.1	3772955	8.25E-09	25YrCance	8.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1714	ALL	463656	3772972	8.15E-09	25YrCance	8.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1715	ALL	463659.5	3772980	8.11E-09	25YrCance	8.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1716	ALL	463666.5	3772997	8.02E-09	25YrCance	8.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1717	ALL	463669.9	3773005	7.98E-09	25YrCance	7.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1718	ALL	463676.9	3773022	7.90E-09	25YrCance	7.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1719	ALL	463680.4	3773030	7.86E-09	25YrCance	7.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1720	ALL	463687.3	3773047	7.79E-09	25YrCance	7.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1721	ALL	463690.8	3773055	7.75E-09	25YrCance	7.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1722	ALL	463697.7	3773072	7.68E-09	25YrCance	7.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1723	ALL	463704.7	3773089	7.61E-09	25YrCance	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1724	ALL	463708.1	3773097	7.58E-09	25YrCance	7.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1725	ALL	463715.1	3773114	7.51E-09	25YrCance	7.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1726	ALL	463718.6	3773122	7.48E-09	25YrCance	7.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1727 ALL	463725.5	3773139	7.41E-09 25YrCance	7.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1728 ALL	463032.6	3772399	4.07E-09 25YrCance	4.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1729 ALL	463041	3772403	4.14E-09 25YrCance	4.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1730 ALL	463049.4	3772406	4.21E-09 25YrCance	4.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1731 ALL	463057.8	3772409	4.28E-09 25YrCance	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1732 ALL	463066.2	3772413	4.36E-09 25YrCance	4.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1733 ALL	463074.6	3772416	4.44E-09 25YrCance	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1734 ALL	463083	3772420	4.52E-09 25YrCance	4.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1735 ALL	463091.5	3772423	4.61E-09 25YrCance	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1736 ALL	463099.9	3772427	4.70E-09 25YrCance	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1737 ALL	463108.3	3772430	4.79E-09 25YrCance	4.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1738 ALL	463116.7	3772434	4.89E-09 25YrCance	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1739 ALL	463125.1	3772437	4.99E-09 25YrCance	4.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1740 ALL	463133.5	3772441	5.10E-09 25YrCance	5.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1741 ALL	463217.5	3772475	6.60E-09 25YrCance	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1742 ALL	463225.9	3772479	6.82E-09 25YrCance	6.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1743 ALL	463234.3	3772482	7.05E-09 25YrCance	7.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1744 ALL	463242.7	3772486	7.30E-09 25YrCance	7.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1745 ALL	463251.1	3772489	7.57E-09 25YrCance	7.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1746 ALL	463259.5	3772492	7.87E-09 25YrCance	7.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1747 ALL	463267.9	3772496	8.19E-09 25YrCance	8.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1748 ALL	463276.4	3772499	8.55E-09 25YrCance	8.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1749 ALL	463284.8	3772503	8.96E-09 25YrCance	8.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1750 ALL	463293.2	3772506	9.41E-09 25YrCance	9.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1751 ALL	463301.6	3772510	9.92E-09 25YrCance	9.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1752 ALL	463310	3772513	1.05E-08 25YrCance	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1753 ALL	463318.4	3772517	1.12E-08 25YrCance	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1754 ALL	463326.8	3772520	1.20E-08 25YrCance	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1755 ALL	463335.2	3772524	1.29E-08 25YrCance	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1756 ALL	463343.6	3772527	1.41E-08 25YrCance	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1757 ALL	463352	3772531	1.55E-08 25YrCance	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1758 ALL	463360.4	3772534	1.73E-08 25YrCance	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1759 ALL	463368.8	3772537	1.97E-08 25YrCance	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1760 ALL	463377.2	3772541	2.31E-08 25YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1761 ALL	463385.6	3772544	2.81E-08 25YrCance	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1762 ALL	463394	3772548	3.68E-08 25YrCance	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1763 ALL	463402.4	3772551	5.53E-08 25YrCance	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1764 ALL	463444.4	3772569	3.72E-08 25YrCance	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1765 ALL	463452.8	3772572	2.90E-08 25YrCance	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1766 ALL	463461.2	3772576	2.41E-08 25YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1767 ALL	463469.7	3772579	2.08E-08 25YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1768 ALL	463478.1	3772582	1.85E-08 25YrCance	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1769 ALL	463486.5	3772586	1.66E-08 25YrCance	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1770 ALL	463494.9	3772589	1.52E-08 25YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1771 ALL	463511.7	3772596	1.31E-08 25YrCance	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1772 ALL	463520.1	3772600	1.22E-08 25YrCance	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1773 ALL	463528.5	3772603	1.15E-08 25YrCance	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1774 ALL	463536.9	3772607	1.09E-08 25YrCance	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1775	ALL	463548.8	3772619	1.02E-08	25YrCance	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1776	ALL	463552.3	3772627	1.00E-08	25YrCance	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1777	ALL	463559.3	3772644	9.76E-09	25YrCance	9.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1778	ALL	463566.3	3772660	9.50E-09	25YrCance	9.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1779	ALL	463569.8	3772669	9.38E-09	25YrCance	9.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1780	ALL	463576.8	3772686	9.15E-09	25YrCance	9.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1781	ALL	463583.7	3772702	8.95E-09	25YrCance	8.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1782	ALL	463590.7	3772719	8.77E-09	25YrCance	8.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1783	ALL	463597.7	3772736	8.60E-09	25YrCance	8.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1784	ALL	463601.2	3772744	8.52E-09	25YrCance	8.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1785	ALL	463608.2	3772761	8.37E-09	25YrCance	8.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1786	ALL	463615.2	3772778	8.24E-09	25YrCance	8.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1787	ALL	463622.2	3772795	8.11E-09	25YrCance	8.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1788	ALL	463629.2	3772812	8.00E-09	25YrCance	8.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1789	ALL	463632.7	3772820	7.94E-09	25YrCance	7.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1790	ALL	463639.7	3772837	7.84E-09	25YrCance	7.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1791	ALL	463646.7	3772853	7.74E-09	25YrCance	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1792	ALL	463653.6	3772870	7.65E-09	25YrCance	7.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1793	ALL	463657.1	3772879	7.61E-09	25YrCance	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1794	ALL	463678.1	3772929	7.37E-09	25YrCance	7.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1795	ALL	463685.1	3772946	7.30E-09	25YrCance	7.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1796	ALL	463688.6	3772954	7.26E-09	25YrCance	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1797	ALL	463695.6	3772971	7.19E-09	25YrCance	7.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1798	ALL	463702.6	3772988	7.13E-09	25YrCance	7.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1799	ALL	463709.6	3773004	7.06E-09	25YrCance	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800	ALL	463716.6	3773021	7.00E-09	25YrCance	7.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1801	ALL	463720.1	3773030	6.97E-09	25YrCance	6.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1802	ALL	463727	3773046	6.91E-09	25YrCance	6.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1803	ALL	463734	3773063	6.86E-09	25YrCance	6.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1804	ALL	463741	3773080	6.80E-09	25YrCance	6.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1805	ALL	463744.5	3773088	6.77E-09	25YrCance	6.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1806	ALL	463751.5	3773105	6.72E-09	25YrCance	6.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1807	ALL	463758.5	3773122	6.66E-09	25YrCance	6.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1808	ALL	463032.3	3772359	3.83E-09	25YrCance	3.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1809	ALL	463049	3772366	3.96E-09	25YrCance	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1810	ALL	463057.3	3772369	4.03E-09	25YrCance	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1811	ALL	463065.6	3772373	4.10E-09	25YrCance	4.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1812	ALL	463082.3	3772380	4.26E-09	25YrCance	4.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1813	ALL	463090.6	3772383	4.34E-09	25YrCance	4.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1814	ALL	463107.2	3772390	4.51E-09	25YrCance	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815	ALL	463115.6	3772393	4.60E-09	25YrCance	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1816	ALL	463123.9	3772397	4.70E-09	25YrCance	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1817	ALL	463140.5	3772404	4.91E-09	25YrCance	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1818	ALL	463148.9	3772407	5.03E-09	25YrCance	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1819	ALL	463165.5	3772414	5.28E-09	25YrCance	5.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1820	ALL	463173.9	3772417	5.42E-09	25YrCance	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1821	ALL	463182.2	3772421	5.56E-09	25YrCance	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1822	ALL	463198.8	3772428	5.88E-09	25YrCance	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1823	ALL	463207.2	3772431	6.06E-09	25YrCance	6.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1824	ALL	463223.8	3772438	6.45E-09	25YrCance	6.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1825	ALL	463315.4	3772476	1.06E-08	25YrCance	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1826	ALL	463323.7	3772479	1.14E-08	25YrCance	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1827	ALL	463340.4	3772486	1.33E-08	25YrCance	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1828	ALL	463348.7	3772489	1.46E-08	25YrCance	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1829	ALL	463357	3772493	1.62E-08	25YrCance	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1830	ALL	463373.7	3772500	2.12E-08	25YrCance	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1831	ALL	463382	3772503	2.54E-08	25YrCance	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1832	ALL	463398.7	3772510	4.48E-08	25YrCance	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1833	ALL	463440.3	3772527	4.33E-08	25YrCance	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1834	ALL	463456.9	3772534	2.60E-08	25YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1835	ALL	463465.3	3772537	2.20E-08	25YrCance	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1836	ALL	463473.6	3772541	1.93E-08	25YrCance	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1837	ALL	463490.3	3772548	1.57E-08	25YrCance	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1838	ALL	463498.6	3772551	1.44E-08	25YrCance	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1839	ALL	463506.9	3772554	1.33E-08	25YrCance	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1840	ALL	463523.6	3772561	1.17E-08	25YrCance	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1841	ALL	463531.9	3772565	1.10E-08	25YrCance	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1842	ALL	463548.5	3772572	9.95E-09	25YrCance	9.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1843	ALL	463556.9	3772575	9.50E-09	25YrCance	9.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1844	ALL	463565.2	3772578	9.10E-09	25YrCance	9.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1845	ALL	463577	3772590	8.63E-09	25YrCance	8.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1846	ALL	463580.4	3772598	8.52E-09	25YrCance	8.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1847	ALL	463587.4	3772615	8.34E-09	25YrCance	8.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1848	ALL	463594.3	3772632	8.17E-09	25YrCance	8.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1849	ALL	463601.2	3772648	8.02E-09	25YrCance	8.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1850	ALL	463608.1	3772665	7.87E-09	25YrCance	7.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1851	ALL	463615.1	3772682	7.74E-09	25YrCance	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1852	ALL	463622	3772698	7.62E-09	25YrCance	7.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1853	ALL	463628.9	3772715	7.51E-09	25YrCance	7.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1854	ALL	463635.8	3772731	7.40E-09	25YrCance	7.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1855	ALL	463642.8	3772748	7.31E-09	25YrCance	7.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1856	ALL	463649.7	3772765	7.21E-09	25YrCance	7.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1857	ALL	463656.6	3772781	7.13E-09	25YrCance	7.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1858	ALL	463663.6	3772798	7.05E-09	25YrCance	7.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1859	ALL	463670.5	3772815	6.98E-09	25YrCance	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1860	ALL	463677.4	3772831	6.91E-09	25YrCance	6.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1861	ALL	463684.3	3772848	6.84E-09	25YrCance	6.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1862	ALL	463691.3	3772864	6.78E-09	25YrCance	6.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1863	ALL	463719	3772931	6.54E-09	25YrCance	6.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1864	ALL	463725.9	3772948	6.49E-09	25YrCance	6.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1865	ALL	463732.8	3772964	6.44E-09	25YrCance	6.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1866	ALL	463739.7	3772981	6.39E-09	25YrCance	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1867	ALL	463746.7	3772997	6.34E-09	25YrCance	6.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1868	ALL	463753.6	3773014	6.29E-09	25YrCance	6.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1869	ALL	463760.5	3773031	6.24E-09	25YrCance	6.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1870	ALL	463767.4	3773047	6.20E-09	25YrCance	6.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1871	ALL	463774.4	3773064	6.15E-09	25YrCance	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1872	ALL	463781.3	3773081	6.10E-09	25YrCance	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1873	ALL	463788.2	3773097	6.06E-09	25YrCance	6.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1874	ALL	463795.1	3773114	6.02E-09	25YrCance	6.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1875	ALL	463802.1	3773130	5.97E-09	25YrCance	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1876	ALL	463032.4	3772319	3.61E-09	25YrCance	3.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1877	ALL	463040.7	3772322	3.67E-09	25YrCance	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1878	ALL	463049.1	3772326	3.74E-09	25YrCance	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1879	ALL	463065.9	3772333	3.87E-09	25YrCance	3.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1880	ALL	463074.2	3772336	3.94E-09	25YrCance	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1881	ALL	463082.6	3772340	4.02E-09	25YrCance	4.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1882	ALL	463091	3772343	4.09E-09	25YrCance	4.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1883	ALL	463107.7	3772350	4.26E-09	25YrCance	4.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1884	ALL	463116.1	3772353	4.35E-09	25YrCance	4.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1885	ALL	463124.5	3772357	4.44E-09	25YrCance	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1886	ALL	463141.2	3772364	4.65E-09	25YrCance	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1887	ALL	463149.6	3772367	4.76E-09	25YrCance	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1888	ALL	463158	3772371	4.88E-09	25YrCance	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1889	ALL	463166.3	3772374	5.00E-09	25YrCance	5.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1890	ALL	463183.1	3772381	5.28E-09	25YrCance	5.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1891	ALL	463191.5	3772385	5.43E-09	25YrCance	5.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1892	ALL	463199.8	3772388	5.59E-09	25YrCance	5.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1893	ALL	463208.2	3772391	5.77E-09	25YrCance	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1894	ALL	463224.9	3772398	6.16E-09	25YrCance	6.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1895	ALL	463233.3	3772402	6.38E-09	25YrCance	6.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1896	ALL	463241.7	3772405	6.62E-09	25YrCance	6.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1897	ALL	463250.1	3772409	6.89E-09	25YrCance	6.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1898	ALL	463266.8	3772416	7.50E-09	25YrCance	7.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1899	ALL	463275.2	3772419	7.85E-09	25YrCance	7.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900	ALL	463283.6	3772422	8.24E-09	25YrCance	8.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1901	ALL	463291.9	3772426	8.69E-09	25YrCance	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1902	ALL	463308.7	3772433	9.76E-09	25YrCance	9.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1903	ALL	463317.1	3772436	1.04E-08	25YrCance	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1904	ALL	463442.7	3772488	3.88E-08	25YrCance	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1905	ALL	463451	3772491	2.96E-08	25YrCance	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1906	ALL	463467.8	3772498	2.08E-08	25YrCance	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1907	ALL	463476.1	3772502	1.83E-08	25YrCance	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1908	ALL	463484.5	3772505	1.64E-08	25YrCance	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1909	ALL	463492.9	3772509	1.50E-08	25YrCance	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1910	ALL	463509.6	3772516	1.28E-08	25YrCance	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1911	ALL	463518	3772519	1.19E-08	25YrCance	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1912	ALL	463526.4	3772522	1.12E-08	25YrCance	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1913	ALL	463534.8	3772526	1.06E-08	25YrCance	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1914	ALL	463551.5	3772533	9.54E-09	25YrCance	9.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1915	ALL	463559.9	3772536	9.11E-09	25YrCance	9.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1916	ALL	463568.3	3772540	8.72E-09	25YrCance	8.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1917	ALL	463585	3772547	8.06E-09	25YrCance	8.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1918	ALL	463593.4	3772550	7.77E-09	25YrCance	7.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1919 ALL	463605.2	3772562	7.44E-09 25YrCance	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1920 ALL	463608.7	3772570	7.37E-09 25YrCance	7.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1921 ALL	463615.7	3772587	7.25E-09 25YrCance	7.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1922 ALL	463622.6	3772604	7.13E-09 25YrCance	7.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1923 ALL	463626.1	3772612	7.08E-09 25YrCance	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1924 ALL	463633.1	3772629	6.98E-09 25YrCance	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1925 ALL	463640.1	3772645	6.88E-09 25YrCance	6.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1926 ALL	463647	3772662	6.79E-09 25YrCance	6.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1927 ALL	463654	3772679	6.71E-09 25YrCance	6.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1928 ALL	463657.5	3772687	6.67E-09 25YrCance	6.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1929 ALL	463664.4	3772704	6.60E-09 25YrCance	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1930 ALL	463671.4	3772721	6.53E-09 25YrCance	6.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1931 ALL	463678.4	3772737	6.46E-09 25YrCance	6.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1932 ALL	463681.8	3772746	6.43E-09 25YrCance	6.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1933 ALL	463688.8	3772762	6.37E-09 25YrCance	6.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1934 ALL	463695.8	3772779	6.31E-09 25YrCance	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1935 ALL	463702.7	3772796	6.26E-09 25YrCance	6.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1936 ALL	463709.7	3772813	6.20E-09 25YrCance	6.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1937 ALL	463713.2	3772821	6.18E-09 25YrCance	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1938 ALL	463720.1	3772838	6.13E-09 25YrCance	6.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1939 ALL	463727.1	3772854	6.08E-09 25YrCance	6.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1940 ALL	463734.1	3772871	6.04E-09 25YrCance	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1941 ALL	463758.5	3772930	5.88E-09 25YrCance	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1942 ALL	463761.9	3772938	5.86E-09 25YrCance	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1943 ALL	463768.9	3772955	5.82E-09 25YrCance	5.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1944 ALL	463775.9	3772971	5.78E-09 25YrCance	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1945 ALL	463782.8	3772988	5.74E-09 25YrCance	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1946 ALL	463789.8	3773005	5.70E-09 25YrCance	5.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1947 ALL	463793.3	3773013	5.68E-09 25YrCance	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1948 ALL	463800.2	3773030	5.64E-09 25YrCance	5.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1949 ALL	463807.2	3773047	5.60E-09 25YrCance	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1950 ALL	463814.2	3773063	5.56E-09 25YrCance	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1951 ALL	463817.7	3773072	5.55E-09 25YrCance	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1952 ALL	463824.6	3773088	5.51E-09 25YrCance	5.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1953 ALL	463831.6	3773105	5.47E-09 25YrCance	5.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1954 ALL	463838.5	3773122	5.43E-09 25YrCance	5.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1955 ALL	463845.5	3773139	5.40E-09 25YrCance	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1956 ALL	463032.1	3772279	3.40E-09 25YrCance	3.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1957 ALL	463048.7	3772286	3.51E-09 25YrCance	3.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1958 ALL	463065.3	3772293	3.64E-09 25YrCance	3.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1959 ALL	463073.6	3772296	3.70E-09 25YrCance	3.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1960 ALL	463090.2	3772303	3.84E-09 25YrCance	3.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1961 ALL	463098.5	3772306	3.92E-09 25YrCance	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1962 ALL	463106.8	3772310	4.00E-09 25YrCance	4.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1963 ALL	463123.4	3772317	4.17E-09 25YrCance	4.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1964 ALL	463131.7	3772320	4.26E-09 25YrCance	4.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1965 ALL	463148.3	3772327	4.46E-09 25YrCance	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1966 ALL	463156.6	3772330	4.57E-09 25YrCance	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1967 ALL	463173.2	3772337	4.81E-09 25YrCance	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1968 ALL	463189.8	3772344	5.09E-09 25YrCance	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1969 ALL	463206.5	3772351	5.41E-09 25YrCance	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1970 ALL	463214.8	3772354	5.59E-09 25YrCance	5.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1971 ALL	463231.4	3772361	5.99E-09 25YrCance	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1972 ALL	463248	3772368	6.47E-09 25YrCance	6.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1973 ALL	463256.3	3772371	6.75E-09 25YrCance	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1974 ALL	463264.6	3772375	7.05E-09 25YrCance	7.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1975 ALL	463281.2	3772382	7.76E-09 25YrCance	7.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1976 ALL	463289.5	3772385	8.19E-09 25YrCance	8.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1977 ALL	463306.1	3772392	9.20E-09 25YrCance	9.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1978 ALL	463314.4	3772395	9.83E-09 25YrCance	9.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1979 ALL	463331	3772402	1.14E-08 25YrCance	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1980 ALL	463339.3	3772405	1.24E-08 25YrCance	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1981 ALL	463355.9	3772412	1.53E-08 25YrCance	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1982 ALL	463372.5	3772419	2.01E-08 25YrCance	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1983 ALL	463380.8	3772423	2.41E-08 25YrCance	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1984 ALL	463389.1	3772426	3.04E-08 25YrCance	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1985 ALL	463488.8	3772467	1.53E-08 25YrCance	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1986 ALL	463497.1	3772470	1.40E-08 25YrCance	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1987 ALL	463513.7	3772477	1.20E-08 25YrCance	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1988 ALL	463530.3	3772484	1.06E-08 25YrCance	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1989 ALL	463538.6	3772488	1.00E-08 25YrCance	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1990 ALL	463546.9	3772491	9.54E-09 25YrCance	9.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1991 ALL	463563.5	3772498	8.69E-09 25YrCance	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1992 ALL	463571.8	3772501	8.33E-09 25YrCance	8.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1993 ALL	463588.4	3772508	7.70E-09 25YrCance	7.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1994 ALL	463596.8	3772511	7.43E-09 25YrCance	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1995 ALL	463613.4	3772518	6.95E-09 25YrCance	6.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1996 ALL	463621.7	3772522	6.74E-09 25YrCance	6.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1997 ALL	463633.4	3772533	6.50E-09 25YrCance	6.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1998 ALL	463640.3	3772550	6.42E-09 25YrCance	6.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1999 ALL	463647.2	3772567	6.34E-09 25YrCance	6.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 ALL	463654.1	3772583	6.27E-09 25YrCance	6.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2001 ALL	463661.1	3772600	6.20E-09 25YrCance	6.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2002 ALL	463668	3772616	6.14E-09 25YrCance	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2003 ALL	463674.9	3772633	6.08E-09 25YrCance	6.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2004 ALL	463681.8	3772649	6.02E-09 25YrCance	6.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2005 ALL	463688.7	3772666	5.96E-09 25YrCance	5.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2006 ALL	463695.6	3772683	5.91E-09 25YrCance	5.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2007 ALL	463702.5	3772699	5.86E-09 25YrCance	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2008 ALL	463709.4	3772716	5.81E-09 25YrCance	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2009 ALL	463716.3	3772732	5.77E-09 25YrCance	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2010 ALL	463719.8	3772741	5.75E-09 25YrCance	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2011 ALL	463726.7	3772757	5.71E-09 25YrCance	5.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2012 ALL	463733.6	3772774	5.66E-09 25YrCance	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2013 ALL	463740.5	3772790	5.62E-09 25YrCance	5.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2014 ALL	463747.4	3772807	5.59E-09 25YrCance	5.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2015 ALL	463754.3	3772824	5.55E-09 25YrCance	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2016 ALL	463761.2	3772840	5.52E-09 25YrCance	5.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2017 ALL	463768.1	3772857	5.48E-09 25YrCance	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2018 ALL	463775	3772873	5.45E-09 25YrCance	5.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2019 ALL	463802.7	3772940	5.31E-09 25YrCance	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2020 ALL	463806.1	3772948	5.29E-09 25YrCance	5.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2021 ALL	463813	3772964	5.26E-09 25YrCance	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2022 ALL	463819.9	3772981	5.23E-09 25YrCance	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2023 ALL	463826.8	3772998	5.20E-09 25YrCance	5.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2024 ALL	463833.7	3773014	5.16E-09 25YrCance	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2025 ALL	463840.6	3773031	5.13E-09 25YrCance	5.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2026 ALL	463847.5	3773047	5.10E-09 25YrCance	5.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2027 ALL	463854.5	3773064	5.07E-09 25YrCance	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2028 ALL	463861.4	3773081	5.03E-09 25YrCance	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2029 ALL	463868.3	3773097	5.00E-09 25YrCance	5.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2030 ALL	463875.2	3773114	4.97E-09 25YrCance	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2031 ALL	463882.1	3773130	4.94E-09 25YrCance	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2032 ALL	463107.2	3772270	3.76E-09 25YrCance	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2033 ALL	463123.9	3772277	3.92E-09 25YrCance	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2034 ALL	463132.3	3772280	4.00E-09 25YrCance	4.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2035 ALL	463140.6	3772284	4.10E-09 25YrCance	4.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2036 ALL	463157.3	3772291	4.30E-09 25YrCance	4.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2037 ALL	463165.7	3772294	4.41E-09 25YrCance	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2038 ALL	463174	3772297	4.53E-09 25YrCance	4.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2039 ALL	463190.7	3772304	4.79E-09 25YrCance	4.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2040 ALL	463199.1	3772308	4.94E-09 25YrCance	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2041 ALL	463207.4	3772311	5.09E-09 25YrCance	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2042 ALL	463224.1	3772318	5.45E-09 25YrCance	5.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2043 ALL	463232.5	3772321	5.66E-09 25YrCance	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2044 ALL	463240.8	3772325	5.88E-09 25YrCance	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2045 ALL	463257.5	3772332	6.40E-09 25YrCance	6.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2046 ALL	463265.9	3772335	6.70E-09 25YrCance	6.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2047 ALL	463274.2	3772339	7.04E-09 25YrCance	7.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2048 ALL	463290.9	3772346	7.84E-09 25YrCance	7.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2049 ALL	463299.2	3772349	8.32E-09 25YrCance	8.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2050 ALL	463307.6	3772352	8.88E-09 25YrCance	8.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2051 ALL	463324.3	3772359	1.03E-08 25YrCance	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2052 ALL	463332.6	3772363	1.12E-08 25YrCance	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2053 ALL	463341	3772366	1.22E-08 25YrCance	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2054 ALL	463357.7	3772373	1.52E-08 25YrCance	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2055 ALL	463366	3772376	1.75E-08 25YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2056 ALL	463374.4	3772380	2.05E-08 25YrCance	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2057 ALL	463391.1	3772387	3.21E-08 25YrCance	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2058 ALL	463399.4	3772390	4.61E-08 25YrCance	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2059 ALL	463407.8	3772394	5.55E-08 25YrCance	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2060 ALL	463591.4	3772469	7.36E-09 25YrCance	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2061 ALL	463599.8	3772473	7.10E-09 25YrCance	7.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2062 ALL	463608.1	3772476	6.86E-09 25YrCance	6.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2063 ALL	463624.8	3772483	6.44E-09 25YrCance	6.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2064 ALL	463633.2	3772486	6.25E-09 25YrCance	6.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2065 ALL	463641.5	3772490	6.07E-09 25YrCance	6.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2066 ALL	463661.7	3772505	5.73E-09 25YrCance	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2067 ALL	463665.1	3772513	5.71E-09 25YrCance	5.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2068 ALL	463672.1	3772530	5.66E-09 25YrCance	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2069 ALL	463675.6	3772538	5.64E-09 25YrCance	5.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2070 ALL	463682.5	3772555	5.59E-09 25YrCance	5.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2071 ALL	463686	3772563	5.57E-09 25YrCance	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2072 ALL	463692.9	3772580	5.52E-09 25YrCance	5.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2073 ALL	463696.4	3772588	5.50E-09 25YrCance	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2074 ALL	463703.3	3772605	5.46E-09 25YrCance	5.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2075 ALL	463706.8	3772613	5.44E-09 25YrCance	5.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2076 ALL	463713.7	3772630	5.40E-09 25YrCance	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2077 ALL	463717.2	3772638	5.39E-09 25YrCance	5.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2078 ALL	463724.2	3772655	5.35E-09 25YrCance	5.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2079 ALL	463727.6	3772663	5.33E-09 25YrCance	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2080 ALL	463734.6	3772680	5.30E-09 25YrCance	5.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2081 ALL	463738	3772688	5.28E-09 25YrCance	5.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2082 ALL	463745	3772705	5.24E-09 25YrCance	5.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2083 ALL	463748.5	3772713	5.23E-09 25YrCance	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2084 ALL	463755.4	3772730	5.20E-09 25YrCance	5.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2085 ALL	463758.9	3772738	5.18E-09 25YrCance	5.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2086 ALL	463765.8	3772755	5.15E-09 25YrCance	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2087 ALL	463769.3	3772763	5.14E-09 25YrCance	5.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2088 ALL	463776.2	3772780	5.11E-09 25YrCance	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2089 ALL	463779.7	3772788	5.09E-09 25YrCance	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2090 ALL	463786.7	3772805	5.07E-09 25YrCance	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2091 ALL	463790.1	3772813	5.05E-09 25YrCance	5.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2092 ALL	463797.1	3772830	5.03E-09 25YrCance	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2093 ALL	463800.5	3772838	5.02E-09 25YrCance	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2094 ALL	463807.5	3772855	4.99E-09 25YrCance	4.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2095 ALL	463811	3772863	4.97E-09 25YrCance	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2096 ALL	463838.7	3772930	4.86E-09 25YrCance	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2097 ALL	463842.2	3772938	4.85E-09 25YrCance	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2098 ALL	463849.1	3772955	4.82E-09 25YrCance	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2099 ALL	463852.6	3772963	4.81E-09 25YrCance	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 ALL	463859.6	3772980	4.78E-09 25YrCance	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2101 ALL	463863	3772988	4.77E-09 25YrCance	4.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2102 ALL	463870	3773005	4.74E-09 25YrCance	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2103 ALL	463873.4	3773013	4.73E-09 25YrCance	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2104 ALL	463880.4	3773030	4.70E-09 25YrCance	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2105 ALL	463887.3	3773047	4.67E-09 25YrCance	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2106 ALL	463890.8	3773055	4.66E-09 25YrCance	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2107 ALL	463897.7	3773072	4.63E-09 25YrCance	4.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2108 ALL	463901.2	3773080	4.62E-09 25YrCance	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2109 ALL	463908.2	3773097	4.59E-09 25YrCance	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2110 ALL	463911.6	3773105	4.58E-09 25YrCance	4.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2111 ALL	463918.6	3773122	4.55E-09 25YrCance	4.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2112 ALL	463922	3773130	4.54E-09 25YrCance	4.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2113 ALL	463208.3	3772272	4.75E-09 25YrCance	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2114 ALL	463216.7	3772275	4.91E-09 25YrCance	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2115 ALL	463225.1	3772278	5.09E-09 25YrCance	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2116 ALL	463233.5	3772282	5.28E-09 25YrCance	5.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2117 ALL	463250.2	3772289	5.73E-09 25YrCance	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2118 ALL	463258.6	3772292	5.99E-09 25YrCance	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2119 ALL	463267	3772296	6.28E-09 25YrCance	6.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2120 ALL	463275.4	3772299	6.61E-09 25YrCance	6.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2121 ALL	463283.8	3772303	6.98E-09 25YrCance	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2122 ALL	463292.2	3772306	7.40E-09 25YrCance	7.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2123 ALL	463300.6	3772310	7.88E-09 25YrCance	7.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2124 ALL	463309	3772313	8.44E-09 25YrCance	8.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2125 ALL	463317.3	3772316	9.09E-09 25YrCance	9.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2126 ALL	463325.7	3772320	9.85E-09 25YrCance	9.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2127 ALL	463334.1	3772323	1.08E-08 25YrCance	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2128 ALL	463342.5	3772327	1.19E-08 25YrCance	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2129 ALL	463350.9	3772330	1.33E-08 25YrCance	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2130 ALL	463359.3	3772334	1.50E-08 25YrCance	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2131 ALL	463367.7	3772337	1.74E-08 25YrCance	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2132 ALL	463376.1	3772341	2.07E-08 25YrCance	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2133 ALL	463392.8	3772348	3.38E-08 25YrCance	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2134 ALL	463401.2	3772351	5.09E-08 25YrCance	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2135 ALL	463689.9	3772477	5.08E-09 25YrCance	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2136 ALL	463693.4	3772485	5.07E-09 25YrCance	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2137 ALL	463700.4	3772502	5.05E-09 25YrCance	5.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2138 ALL	463707.4	3772519	5.02E-09 25YrCance	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2139 ALL	463714.3	3772535	5.00E-09 25YrCance	5.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2140 ALL	463721.3	3772552	4.97E-09 25YrCance	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2141 ALL	463728.3	3772569	4.95E-09 25YrCance	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2142 ALL	463735.3	3772586	4.92E-09 25YrCance	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2143 ALL	463742.2	3772602	4.90E-09 25YrCance	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2144 ALL	463749.2	3772619	4.87E-09 25YrCance	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2145 ALL	463756.2	3772636	4.85E-09 25YrCance	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2146 ALL	463763.2	3772653	4.82E-09 25YrCance	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2147 ALL	463770.1	3772669	4.80E-09 25YrCance	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2148 ALL	463777.1	3772686	4.78E-09 25YrCance	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2149 ALL	463784.1	3772703	4.76E-09 25YrCance	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2150 ALL	463791.1	3772720	4.74E-09 25YrCance	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2151 ALL	463798.1	3772736	4.72E-09 25YrCance	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2152 ALL	463805	3772753	4.69E-09 25YrCance	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2153 ALL	463812	3772770	4.67E-09 25YrCance	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2154 ALL	463819	3772787	4.65E-09 25YrCance	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2155 ALL	463826	3772803	4.63E-09 25YrCance	4.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2156 ALL	463832.9	3772820	4.61E-09 25YrCance	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2157 ALL	463839.9	3772837	4.59E-09 25YrCance	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2158 ALL	463846.9	3772854	4.57E-09 25YrCance	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2159 ALL	463853.9	3772870	4.54E-09 25YrCance	4.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2160 ALL	463885.3	3772946	4.44E-09 25YrCance	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2161 ALL	463892.2	3772962	4.42E-09 25YrCance	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2162 ALL	463899.2	3772979	4.39E-09 25YrCance	4.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2163 ALL	463906.2	3772996	4.37E-09 25YrCance	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2164 ALL	463913.2	3773013	4.35E-09 25YrCance	4.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2165 ALL	463920.2	3773029	4.33E-09 25YrCance	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2166 ALL	463927.1	3773046	4.31E-09 25YrCance	4.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2167 ALL	463934.1	3773063	4.28E-09 25YrCance	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2168 ALL	463941.1	3773080	4.26E-09 25YrCance	4.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2169 ALL	463948.1	3773096	4.23E-09 25YrCance	4.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2170 ALL	463955	3773113	4.21E-09 25YrCance	4.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2171 ALL	463962	3773130	4.19E-09 25YrCance	4.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2172 ALL	463290	3772265	6.66E-09 25YrCance	6.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2173 ALL	463298.3	3772269	7.09E-09 25YrCance	7.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2174 ALL	463315	3772276	8.17E-09 25YrCance	8.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2175 ALL	463323.3	3772279	8.86E-09 25YrCance	8.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2176 ALL	463340	3772286	1.07E-08 25YrCance	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2177 ALL	463348.3	3772289	1.20E-08 25YrCance	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2178 ALL	463356.6	3772293	1.36E-08 25YrCance	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2179 ALL	463373.3	3772300	1.86E-08 25YrCance	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2180 ALL	463381.6	3772303	2.29E-08 25YrCance	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2181 ALL	463398.2	3772310	4.24E-08 25YrCance	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2182 ALL	463406.6	3772313	6.23E-08 25YrCance	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2183 ALL	463732	3772482	4.51E-09 25YrCance	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2184 ALL	463738.9	3772498	4.51E-09 25YrCance	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2185 ALL	463745.8	3772515	4.50E-09 25YrCance	4.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2186 ALL	463752.7	3772532	4.49E-09 25YrCance	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2187 ALL	463759.7	3772548	4.47E-09 25YrCance	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2188 ALL	463766.6	3772565	4.46E-09 25YrCance	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2189 ALL	463773.5	3772581	4.45E-09 25YrCance	4.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2190 ALL	463780.4	3772598	4.44E-09 25YrCance	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2191 ALL	463787.4	3772615	4.42E-09 25YrCance	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2192 ALL	463794.3	3772631	4.41E-09 25YrCance	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2193 ALL	463801.2	3772648	4.39E-09 25YrCance	4.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2194 ALL	463808.1	3772665	4.38E-09 25YrCance	4.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2195 ALL	463815.1	3772681	4.37E-09 25YrCance	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2196 ALL	463822	3772698	4.35E-09 25YrCance	4.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2197 ALL	463828.9	3772714	4.34E-09 25YrCance	4.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2198 ALL	463835.8	3772731	4.32E-09 25YrCance	4.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2199 ALL	463842.8	3772748	4.30E-09 25YrCance	4.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 ALL	463849.7	3772764	4.29E-09 25YrCance	4.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2201 ALL	463856.6	3772781	4.27E-09 25YrCance	4.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2202 ALL	463863.6	3772798	4.26E-09 25YrCance	4.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2203 ALL	463870.5	3772814	4.24E-09 25YrCance	4.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2204 ALL	463877.4	3772831	4.22E-09 25YrCance	4.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2205 ALL	463884.3	3772847	4.20E-09 25YrCance	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2206 ALL	463891.3	3772864	4.19E-09 25YrCance	4.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2207 ALL	463925.9	3772947	4.10E-09 25YrCance	4.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2208 ALL	463932.8	3772964	4.08E-09 25YrCance	4.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2209 ALL	463939.7	3772980	4.06E-09 25YrCance	4.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2210 ALL	463946.7	3772997	4.03E-09 25YrCance	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2211 ALL	463953.6	3773014	4.02E-09 25YrCance	4.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2212 ALL	463960.5	3773030	4.00E-09 25YrCance	4.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2213 ALL	463967.4	3773047	3.98E-09 25YrCance	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2214 ALL	463974.4	3773064	3.96E-09 25YrCance	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2215 ALL	463981.3	3773080	3.94E-09 25YrCance	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2216 ALL	463988.2	3773097	3.92E-09 25YrCance	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2217 ALL	463995.1	3773113	3.90E-09 25YrCance	3.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2218 ALL	464002.1	3773130	3.88E-09 25YrCance	3.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2219 ALL	462198.7	3773225	2.42E-09 25YrCance	2.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2220 ALL	462198.8	3773235	2.42E-09 25YrCance	2.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2221 ALL	462198.9	3773245	2.41E-09 25YrCance	2.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2222 ALL	462158.7	3773225	2.25E-09 25YrCance	2.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2223 ALL	462158.8	3773235	2.25E-09 25YrCance	2.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2224 ALL	462158.9	3773245	2.25E-09 25YrCance	2.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2225 ALL	462900.6	3773281	3.24E-08 25YrCance	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2226 ALL	462900.6	3773291	3.04E-08 25YrCance	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2227 ALL	462892.2	3773287	2.89E-08 25YrCance	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2228 ALL	462883.1	3773283	2.76E-08 25YrCance	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2229 ALL	462900.6	3773301	2.85E-08 25YrCance	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2230 ALL	462892.2	3773297	2.72E-08 25YrCance	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2231 ALL	462883.7	3773294	2.60E-08 25YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2232 ALL	462875.5	3773288	2.52E-08 25YrCance	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2233 ALL	462871.9	3773280	2.55E-08 25YrCance	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2234 ALL	462909.1	3773314	2.78E-08 25YrCance	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2235 ALL	462900.6	3773311	2.67E-08 25YrCance	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2236 ALL	462892.2	3773307	2.57E-08 25YrCance	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2237 ALL	462883.7	3773304	2.47E-08 25YrCance	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2238 ALL	462875.3	3773300	2.36E-08 25YrCance	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2239 ALL	462867.9	3773294	2.31E-08 25YrCance	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2240 ALL	462864.3	3773285	2.34E-08 25YrCance	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2241 ALL	462909.1	3773324	2.60E-08 25YrCance	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2242 ALL	462900.6	3773321	2.51E-08 25YrCance	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2243 ALL	462892.2	3773317	2.42E-08 25YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2244 ALL	462883.7	3773314	2.34E-08 25YrCance	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2245 ALL	462875.3	3773310	2.25E-08 25YrCance	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2246 ALL	462866.8	3773307	2.16E-08 25YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2247 ALL	462860.2	3773300	2.13E-08 25YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2248 ALL	462856.1	3773290	2.16E-08 25YrCance	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2249 ALL	462908.8	3773334	2.42E-08 25YrCance	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2250 ALL	462900.2	3773331	2.35E-08 25YrCance	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2251 ALL	462891.6	3773327	2.28E-08 25YrCance	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2252 ALL	462882.9	3773324	2.21E-08 25YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2253 ALL	462874.3	3773320	2.13E-08 25YrCance	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2254 ALL	462865.6	3773316	2.04E-08 25YrCance	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2255	ALL	462857	3773313	1.96E-08	25YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2256	ALL	462908.9	3773344	2.27E-08	25YrCance	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2257	ALL	462900.2	3773341	2.21E-08	25YrCance	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2258	ALL	462891.6	3773337	2.15E-08	25YrCance	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2259	ALL	462883	3773334	2.09E-08	25YrCance	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2260	ALL	462874.4	3773330	2.02E-08	25YrCance	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2261	ALL	462865.8	3773327	1.95E-08	25YrCance	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2262	ALL	462857.1	3773323	1.88E-08	25YrCance	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2263	ALL	462908.9	3773364	2.00E-08	25YrCance	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2264	ALL	462900.3	3773361	1.96E-08	25YrCance	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2265	ALL	462891.7	3773357	1.92E-08	25YrCance	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2266	ALL	462883.1	3773354	1.87E-08	25YrCance	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2267	ALL	462874.5	3773350	1.82E-08	25YrCance	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2268	ALL	462865.9	3773347	1.77E-08	25YrCance	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2269	ALL	462857.4	3773343	1.72E-08	25YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2270	ALL	462908.9	3773384	1.78E-08	25YrCance	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2271	ALL	462900.3	3773381	1.75E-08	25YrCance	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2272	ALL	462891.8	3773377	1.72E-08	25YrCance	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2273	ALL	462883.2	3773374	1.69E-08	25YrCance	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2274	ALL	462874.6	3773370	1.65E-08	25YrCance	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2275	ALL	462866.1	3773367	1.61E-08	25YrCance	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2276	ALL	462857.5	3773363	1.57E-08	25YrCance	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2277	ALL	462883.3	3773394	1.53E-08	25YrCance	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2278	ALL	462874.7	3773390	1.50E-08	25YrCance	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2279	ALL	462866.2	3773387	1.47E-08	25YrCance	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2280	ALL	462857.6	3773383	1.44E-08	25YrCance	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2281	ALL	462874.3	3773410	1.37E-08	25YrCance	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2282	ALL	462865.6	3773406	1.35E-08	25YrCance	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2283	ALL	462857	3773403	1.32E-08	25YrCance	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2284	ALL	462865.8	3773427	1.24E-08	25YrCance	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2285	ALL	462857.1	3773423	1.22E-08	25YrCance	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2286	ALL	462900.3	3773461	1.19E-08	25YrCance	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2287	ALL	462891.7	3773457	1.18E-08	25YrCance	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2288	ALL	462883.1	3773454	1.15E-08	25YrCance	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2289	ALL	462874.5	3773450	1.14E-08	25YrCance	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2290	ALL	462865.9	3773447	1.12E-08	25YrCance	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2291	ALL	462857.3	3773443	1.11E-08	25YrCance	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2292	ALL	462392.9	3773286	3.51E-09	25YrCance	3.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2293	ALL	462394.9	3773362	3.36E-09	25YrCance	3.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2294	ALL	462391.3	3773354	3.35E-09	25YrCance	3.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2295	ALL	462387.7	3773345	3.38E-09	25YrCance	3.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2296	ALL	462384	3773337	3.37E-09	25YrCance	3.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2297	ALL	462380.4	3773328	3.36E-09	25YrCance	3.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2298	ALL	462376.8	3773320	3.35E-09	25YrCance	3.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2299	ALL	462373.1	3773311	3.33E-09	25YrCance	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300	ALL	462369.5	3773302	3.31E-09	25YrCance	3.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2301	ALL	462365.9	3773294	3.30E-09	25YrCance	3.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2302	ALL	462362.2	3773285	3.28E-09	25YrCance	3.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2303 ALL	462396.6	3773438	3.18E-09 25YrCance	3.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2304 ALL	462392.9	3773429	3.17E-09 25YrCance	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2305 ALL	462389.3	3773420	3.16E-09 25YrCance	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2306 ALL	462385.6	3773412	3.16E-09 25YrCance	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2307 ALL	462382	3773403	3.17E-09 25YrCance	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2308 ALL	462378.4	3773395	3.18E-09 25YrCance	3.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2309 ALL	462374.7	3773386	3.18E-09 25YrCance	3.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2310 ALL	462371.1	3773377	3.17E-09 25YrCance	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2311 ALL	462367.4	3773369	3.16E-09 25YrCance	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2312 ALL	462363.8	3773360	3.15E-09 25YrCance	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2313 ALL	462360.2	3773352	3.14E-09 25YrCance	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2314 ALL	462356.5	3773343	3.17E-09 25YrCance	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2315 ALL	462352.9	3773334	3.16E-09 25YrCance	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2316 ALL	462349.3	3773326	3.15E-09 25YrCance	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2317 ALL	462345.6	3773317	3.14E-09 25YrCance	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2318 ALL	462342	3773308	3.12E-09 25YrCance	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2319 ALL	462338.3	3773300	3.10E-09 25YrCance	3.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2320 ALL	462334.7	3773291	3.09E-09 25YrCance	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2321 ALL	462331.1	3773283	3.08E-09 25YrCance	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2322 ALL	462366.1	3773461	2.92E-09 25YrCance	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2323 ALL	462362.5	3773452	2.93E-09 25YrCance	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2324 ALL	462358.9	3773443	2.94E-09 25YrCance	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2325 ALL	462355.2	3773435	2.93E-09 25YrCance	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2326 ALL	462351.6	3773426	2.93E-09 25YrCance	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2327 ALL	462348	3773418	2.92E-09 25YrCance	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2328 ALL	462344.3	3773409	2.92E-09 25YrCance	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2329 ALL	462340.7	3773400	2.93E-09 25YrCance	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2330 ALL	462337.1	3773392	2.93E-09 25YrCance	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2331 ALL	462333.4	3773383	2.93E-09 25YrCance	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2332 ALL	462329.8	3773375	2.92E-09 25YrCance	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2333 ALL	462326.2	3773366	2.91E-09 25YrCance	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2334 ALL	462322.5	3773357	2.90E-09 25YrCance	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2335 ALL	462318.9	3773349	2.93E-09 25YrCance	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2336 ALL	462315.3	3773340	2.92E-09 25YrCance	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2337 ALL	462311.6	3773332	2.91E-09 25YrCance	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2338 ALL	462308	3773323	2.90E-09 25YrCance	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2339 ALL	462304.4	3773314	2.89E-09 25YrCance	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2340 ALL	462300.7	3773306	2.87E-09 25YrCance	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2341 ALL	462297.1	3773297	2.86E-09 25YrCance	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2342 ALL	462293.5	3773289	2.84E-09 25YrCance	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2343 ALL	462289.8	3773280	2.83E-09 25YrCance	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2344 ALL	462323.8	3773456	2.71E-09 25YrCance	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2345 ALL	462320.2	3773447	2.73E-09 25YrCance	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2346 ALL	462316.6	3773438	2.72E-09 25YrCance	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2347 ALL	462312.9	3773430	2.71E-09 25YrCance	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2348 ALL	462309.3	3773421	2.71E-09 25YrCance	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2349 ALL	462305.7	3773413	2.71E-09 25YrCance	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2350 ALL	462302	3773404	2.71E-09 25YrCance	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2351 ALL	462298.4	3773395	2.70E-09 25YrCance	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2352 ALL	462294.7	3773387	2.70E-09 25YrCance	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2353 ALL	462291.1	3773378	2.69E-09 25YrCance	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2354 ALL	462287.5	3773370	2.69E-09 25YrCance	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2355 ALL	462283.8	3773361	2.68E-09 25YrCance	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2356 ALL	462280.2	3773352	2.68E-09 25YrCance	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2357 ALL	462276.5	3773344	2.67E-09 25YrCance	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2358 ALL	462272.9	3773335	2.66E-09 25YrCance	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2359 ALL	462269.3	3773326	2.65E-09 25YrCance	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2360 ALL	462265.6	3773318	2.67E-09 25YrCance	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2361 ALL	462262	3773309	2.66E-09 25YrCance	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2362 ALL	462258.3	3773301	2.65E-09 25YrCance	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2363 ALL	462254.7	3773292	2.64E-09 25YrCance	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2364 ALL	462251.1	3773283	2.63E-09 25YrCance	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2365 ALL	462286.2	3773462	2.52E-09 25YrCance	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2366 ALL	462282.5	3773453	2.53E-09 25YrCance	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2367 ALL	462278.9	3773444	2.53E-09 25YrCance	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2368 ALL	462275.3	3773436	2.53E-09 25YrCance	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2369 ALL	462271.6	3773427	2.52E-09 25YrCance	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2370 ALL	462268	3773418	2.51E-09 25YrCance	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2371 ALL	462264.4	3773410	2.51E-09 25YrCance	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2372 ALL	462260.7	3773401	2.50E-09 25YrCance	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2373 ALL	462257.1	3773393	2.49E-09 25YrCance	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2374 ALL	462253.5	3773384	2.49E-09 25YrCance	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2375 ALL	462249.8	3773375	2.49E-09 25YrCance	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2376 ALL	462246.2	3773367	2.49E-09 25YrCance	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2377 ALL	462242.6	3773358	2.50E-09 25YrCance	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2378 ALL	462238.9	3773350	2.49E-09 25YrCance	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2379 ALL	462235.3	3773341	2.48E-09 25YrCance	2.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2380 ALL	462231.6	3773332	2.47E-09 25YrCance	2.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2381 ALL	462243.9	3773456	2.32E-09 25YrCance	2.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2382 ALL	462240.2	3773448	2.32E-09 25YrCance	2.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2383 ALL	462236.6	3773439	2.32E-09 25YrCance	2.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2384 ALL	462232.9	3773431	2.33E-09 25YrCance	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2385 ALL	462229.3	3773422	2.34E-09 25YrCance	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2386 ALL	462185.6	3773319	2.31E-09 25YrCance	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2387 ALL	462182	3773310	2.31E-09 25YrCance	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2388 ALL	462178.4	3773301	2.30E-09 25YrCance	2.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2389 ALL	462174.7	3773293	2.29E-09 25YrCance	2.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2390 ALL	462171.1	3773284	2.28E-09 25YrCance	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2391 ALL	462167.4	3773275	2.27E-09 25YrCance	2.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2392 ALL	462144.4	3773316	2.15E-09 25YrCance	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2393 ALL	462140.8	3773307	2.15E-09 25YrCance	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2394 ALL	462137.1	3773299	2.14E-09 25YrCance	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2395 ALL	462133.5	3773290	2.13E-09 25YrCance	2.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2396 ALL	462129.9	3773282	2.13E-09 25YrCance	2.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2397 ALL	462917.5	3774088	2.87E-09 25YrCance	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2398 ALL	462908.8	3774084	2.85E-09 25YrCance	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2399	ALL	462900.2	3774081	2.81E-09	25YrCance	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400	ALL	462917.5	3774128	2.69E-09	25YrCance	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2401	ALL	462908.8	3774124	2.67E-09	25YrCance	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2402	ALL	462900.2	3774121	2.64E-09	25YrCance	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2403	ALL	462891.5	3774117	2.62E-09	25YrCance	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404	ALL	462882.9	3774114	2.59E-09	25YrCance	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2405	ALL	462874.3	3774110	2.57E-09	25YrCance	2.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2406	ALL	462865.6	3774106	2.55E-09	25YrCance	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2407	ALL	462857	3774103	2.53E-09	25YrCance	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2408	ALL	462848.3	3774099	2.51E-09	25YrCance	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2409	ALL	462839.7	3774096	2.49E-09	25YrCance	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2410	ALL	462831	3774092	2.47E-09	25YrCance	2.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2411	ALL	462822.4	3774089	2.45E-09	25YrCance	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2412	ALL	462908.8	3774164	2.48E-09	25YrCance	2.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2413	ALL	462900.2	3774161	2.46E-09	25YrCance	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2414	ALL	462891.5	3774157	2.45E-09	25YrCance	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2415	ALL	462882.9	3774154	2.44E-09	25YrCance	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2416	ALL	462874.2	3774150	2.42E-09	25YrCance	2.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2417	ALL	462865.6	3774146	2.39E-09	25YrCance	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2418	ALL	462856.9	3774143	2.36E-09	25YrCance	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2419	ALL	462848.2	3774139	2.33E-09	25YrCance	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2420	ALL	462839.6	3774136	2.31E-09	25YrCance	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2421	ALL	462830.9	3774132	2.30E-09	25YrCance	2.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2422	ALL	462822.3	3774129	2.29E-09	25YrCance	2.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2423	ALL	462929.8	3774088	2.92E-09	25YrCance	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2424	ALL	462939.1	3774088	2.97E-09	25YrCance	2.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2425	ALL	462948.5	3774088	3.03E-09	25YrCance	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2426	ALL	462957.8	3774088	3.09E-09	25YrCance	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2427	ALL	462967.1	3774088	3.15E-09	25YrCance	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2428	ALL	462976.4	3774088	3.20E-09	25YrCance	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2429	ALL	462985.8	3774088	3.26E-09	25YrCance	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2430	ALL	462995.1	3774088	3.32E-09	25YrCance	3.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2431	ALL	462929.8	3774128	2.74E-09	25YrCance	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2432	ALL	462939.1	3774128	2.79E-09	25YrCance	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2433	ALL	462948.5	3774128	2.84E-09	25YrCance	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2434	ALL	462957.8	3774128	2.89E-09	25YrCance	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2435	ALL	462967.1	3774128	2.94E-09	25YrCance	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2436	ALL	462976.4	3774128	2.99E-09	25YrCance	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2437	ALL	462985.8	3774128	3.04E-09	25YrCance	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2438	ALL	462995.1	3774128	3.10E-09	25YrCance	3.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2439	ALL	463004.4	3774128	3.15E-09	25YrCance	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 7/31/2024 9:43:31 PM - Acute Risk - Input File: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Worker_25yr_HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		463043.4	3773291	NonCancer	0.00E+00	2.75E-07	1.66E-05	0.00E+00	0.00E+00	1.67E-05	8.59E-06	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	1.67E-05
2	ALL		463054.6	3773282	NonCancer	0.00E+00	2.99E-07	1.80E-05	0.00E+00	0.00E+00	1.82E-05	9.34E-06	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.82E-05
3	ALL		463050.8	3773297	NonCancer	0.00E+00	2.18E-07	1.31E-05	0.00E+00	0.00E+00	1.33E-05	6.81E-06	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.33E-05
4	ALL		463062.2	3773289	NonCancer	0.00E+00	2.45E-07	1.48E-05	0.00E+00	0.00E+00	1.49E-05	7.65E-06	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	1.49E-05
5	ALL		463059	3773303	NonCancer	0.00E+00	1.86E-07	1.12E-05	0.00E+00	0.00E+00	1.13E-05	5.80E-06	0.00E+00	8.86E-06	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.13E-05
6	ALL		463046.8	3773309	NonCancer	0.00E+00	2.03E-07	1.22E-05	0.00E+00	0.00E+00	1.23E-05	6.33E-06	0.00E+00	9.68E-06	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.23E-05
7	ALL		463069.8	3773295	NonCancer	0.00E+00	2.11E-07	1.27E-05	0.00E+00	0.00E+00	1.28E-05	6.60E-06	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.28E-05
8	ALL		463066.4	3773310	NonCancer	0.00E+00	1.64E-07	9.85E-06	0.00E+00	0.00E+00	9.93E-06	5.11E-06	0.00E+00	7.81E-06	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	9.93E-06
9	ALL		463054	3773316	NonCancer	0.00E+00	1.69E-07	1.02E-05	0.00E+00	0.00E+00	1.03E-05	5.28E-06	0.00E+00	8.06E-06	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.03E-05
10	ALL		463041.6	3773321	NonCancer	0.00E+00	1.92E-07	1.16E-05	0.00E+00	0.00E+00	1.17E-05	6.00E-06	0.00E+00	9.18E-06	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.17E-05
11	ALL		463077.3	3773302	NonCancer	0.00E+00	1.87E-07	1.12E-05	0.00E+00	0.00E+00	1.13E-05	5.82E-06	0.00E+00	8.90E-06	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.13E-05
12	ALL		463073.8	3773317	NonCancer	0.00E+00	1.47E-07	8.87E-06	0.00E+00	0.00E+00	8.94E-06	4.60E-06	0.00E+00	7.03E-06	0.00E+00	0.00E+00	8.87E-06	0.00E+00	0.00E+00	8.94E-06
13	ALL		463061.2	3773322	NonCancer	0.00E+00	1.48E-07	8.88E-06	0.00E+00	0.00E+00	8.95E-06	4.61E-06	0.00E+00	7.04E-06	0.00E+00	0.00E+00	8.88E-06	0.00E+00	0.00E+00	8.95E-06
14	ALL		463048.6	3773328	NonCancer	0.00E+00	1.67E-07	1.01E-05	0.00E+00	0.00E+00	1.02E-05	5.22E-06	0.00E+00	7.99E-06	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.02E-05
15	ALL		463084.9	3773308	NonCancer	0.00E+00	1.68E-07	1.01E-05	0.00E+00	0.00E+00	1.02E-05	5.25E-06	0.00E+00	8.02E-06	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.02E-05
16	ALL		463088.8	3773330	NonCancer	0.00E+00	1.24E-07	7.49E-06	0.00E+00	0.00E+00	7.55E-06	3.88E-06	0.00E+00	5.93E-06	0.00E+00	0.00E+00	7.49E-06	0.00E+00	0.00E+00	7.55E-06
17	ALL		463075.8	3773336	NonCancer	0.00E+00	1.21E-07	7.28E-06	0.00E+00	0.00E+00	7.34E-06	3.77E-06	0.00E+00	5.77E-06	0.00E+00	0.00E+00	7.28E-06	0.00E+00	0.00E+00	7.34E-06
18	ALL		463062.8	3773342	NonCancer	0.00E+00	1.22E-07	7.35E-06	0.00E+00	0.00E+00	7.40E-06	3.81E-06	0.00E+00	5.82E-06	0.00E+00	0.00E+00	7.35E-06	0.00E+00	0.00E+00	7.40E-06
19	ALL		463049.9	3773348	NonCancer	0.00E+00	1.40E-07	8.43E-06	0.00E+00	0.00E+00	8.50E-06	4.37E-06	0.00E+00	6.68E-06	0.00E+00	0.00E+00	8.43E-06	0.00E+00	0.00E+00	8.50E-06
20	ALL		463100.1	3773321	NonCancer	0.00E+00	1.42E-07	8.52E-06	0.00E+00	0.00E+00	8.59E-06	4.42E-06	0.00E+00	6.75E-06	0.00E+00	0.00E+00	8.52E-06	0.00E+00	0.00E+00	8.59E-06
21	ALL		463103.8	3773343	NonCancer	0.00E+00	1.09E-07	6.53E-06	0.00E+00	0.00E+00	6.59E-06	3.39E-06	0.00E+00	5.18E-06	0.00E+00	0.00E+00	6.53E-06	0.00E+00	0.00E+00	6.59E-06
22	ALL		463090.6	3773349	NonCancer	0.00E+00	1.00E-07	6.04E-06	0.00E+00	0.00E+00	6.09E-06	3.13E-06	0.00E+00	4.79E-06	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.09E-06
23	ALL		463077.3	3773355	NonCancer	0.00E+00	1.03E-07	6.19E-06	0.00E+00	0.00E+00	6.24E-06	3.21E-06	0.00E+00	4.91E-06	0.00E+00	0.00E+00	6.19E-06	0.00E+00	0.00E+00	6.24E-06
24	ALL		463064.1	3773361	NonCancer	0.00E+00	1.08E-07	6.50E-06	0.00E+00	0.00E+00	6.55E-06	3.37E-06	0.00E+00	5.15E-06	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	6.55E-06
25	ALL		463050.8	3773367	NonCancer	0.00E+00	1.23E-07	7.41E-06	0.00E+00	0.00E+00	7.47E-06	3.85E-06	0.00E+00	5.88E-06	0.00E+00	0.00E+00	7.41E-06	0.00E+00	0.00E+00	7.47E-06
26	ALL		463115.2	3773334	NonCancer	0.00E+00	1.22E-07	7.36E-06	0.00E+00	0.00E+00	7.42E-06	3.81E-06	0.00E+00	5.83E-06	0.00E+00	0.00E+00	7.36E-06	0.00E+00	0.00E+00	7.42E-06
27	ALL		463119.2	3773356	NonCancer	0.00E+00	9.75E-08	5.87E-06	0.00E+00	0.00E+00	5.92E-06	3.04E-06	0.00E+00	4.65E-06	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	5.92E-06
28	ALL		463106.5	3773362	NonCancer	0.00E+00	9.02E-08	5.43E-06	0.00E+00	0.00E+00	5.47E-06	2.81E-06	0.00E+00	4.30E-06	0.00E+00	0.00E+00	5.43E-06	0.00E+00	0.00E+00	5.47E-06
29	ALL		463093.7	3773367	NonCancer	0.00E+00	9.06E-08	5.45E-06	0.00E+00	0.00E+00	5.50E-06	2.83E-06	0.00E+00	4.32E-06	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	5.50E-06
30	ALL		463081	3773373	NonCancer	0.00E+00	9.22E-08	5.55E-06	0.00E+00	0.00E+00	5.60E-06	2.88E-06	0.00E+00	4.40E-06	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	5.60E-06
31	ALL		463068.2	3773379	NonCancer	0.00E+00	9.76E-08	5.87E-06	0.00E+00	0.00E+00	5.92E-06	3.05E-06	0.00E+00	4.65E-06	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	5.92E-06
32	ALL		463055.4	3773385	NonCancer	0.00E+00	1.09E-07	6.57E-06	0.00E+00	0.00E+00	6.63E-06	3.41E-06	0.00E+00	5.21E-06	0.00E+00	0.00E+00	6.57E-06	0.00E+00	0.00E+00	6.63E-06
33	ALL		463042.7	3773391	NonCancer	0.00E+00	1.08E-07	6.47E-06	0.00E+00	0.00E+00	6.52E-06	3.36E-06	0.00E+00	5.13E-06	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	6.52E-06
34	ALL		463130.4	3773347	NonCancer	0.00E+00	1.07E-07	6.47E-06	0.00E+00	0.00E+00	6.52E-06	3.35E-06	0.00E+00	5.13E-06	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	6.52E-06
35	ALL		463134.3	3773369	NonCancer	0.00E+00	9.05E-08	5.45E-06	0.00E+00	0.00E+00	5.49E-06	2.82E-06	0.00E+00	4.32E-06	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	5.49E-06
36	ALL		463121.3	3773375	NonCancer	0.00E+00	8.56E-08	5.15E-06	0.00E+00	0.00E+00	5.20E-06	2.67E-06	0.00E+00	4.08E-06	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	5.20E-06
37	ALL		463108.3	3773381	NonCancer	0.00E+00	8.09E-08	4.87E-06	0.00E+00	0.00E+00	4.91E-06	2.53E-06	0.00E+00	3.86E-06	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	4.91E-06
38	ALL		463095.3	3773387	NonCancer	0.00E+00	8.35E-08	5.02E-06	0.00E+00	0.00E+00	5.07E-06	2.61E-06	0.00E+00	3.98E-06	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	5.07E-06
39	ALL		463082.3	3773393	NonCancer	0.00E+00	8.09E-08	4.87E-06	0.00E+00	0.00E+00	4.91E-06	2.53E-06	0.00E+00	3.86E-06	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	4.91E-06
40	ALL		463069.3	3773399	NonCancer	0.00E+00	8.91E-08	5.36E-06	0.00E+00	0.00E+00	5.41E-06	2.78E-06	0.00E+00	4.25E-06	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	5.41E-06
41	ALL		463056.4	3773405	NonCancer	0.00E+00	9.64E-08	5.80E-06	0.00E+00	0.00E+00	5.85E-06	3.01E-06	0.00E+00	4.60E-06	0.00E+00	0.00E+00	5.80E-06	0.00E+00	0.00E+00	5.85E-06
42	ALL		463043.4	3773411	NonCancer	0.00E+00	9.29E-08	5.59E-06	0.00E+00	0.00E+00	5.63E-06	2.90E-06	0.00E+00	4.43E-06	0.00E+00	0.00E+00	5.59E-06	0.00E+00	0.00E+00	5.63E-06
43	ALL		463145.5	3773360	NonCancer	0.00E+00	9.65E-08	5.81E-06	0.00E+00	0.00E+00	5.85E-06	3.01E-06	0.00E+00	4.60E-06	0.00E+00	0.00E+00	5.81E-06	0.00E+00	0.00E+00	5.85E-06
44	ALL		463149.3	3773382	NonCancer	0.00E+00	8.52E-08	5.13E-06	0.00E+00	0.00E+00	5.17E-06	2.66E-06	0.00E+00	4.06E-06	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	5.17E-06
45	ALL		463136.1	3773388	NonCancer	0.00E+00	8.06E-08	4.85E-06	0.00E+00	0.00E+00	4.89E-06	2.52E-06	0.00E+00	3.85E-06	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	4.89E-06
46	ALL		463123	3773394	NonCancer	0.00E+00	7.39E-08	4.45E-06	0.00E+00	0.00E+00	4.48E-06	2.31E-06	0.00E+00	3.52E-06	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	4.48E-06
47	ALL		463109.8	3773400	NonCancer	0.00E+00	7.37E-08	4.43E-06	0.00E+00	0.00E+00	4.47E-06	2.30E-06	0.00E+00	3.51E-06	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	4.47E-06
48	ALL		463096.6	3773406	NonCancer	0.00E+00	7.43E-08	4.47E-06	0.00E+00	0.00E+00	4.51E-06	2.32E-06	0.00E+00	3.55E-06	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	4.51E-06
49	ALL		463083.4	3773412	NonCancer	0.00E+00	7.23E-08	4.35E-06	0.00E+00	0.00E+00	4.39E-06	2.26E-06	0.00E+00	3.45E-06	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	4.39E-06
50	ALL		463070.3	3773418	NonCancer	0.00E+00	8.18E-08	4.92E-06	0.00E+00	0.00E+00	4.96E-06	2.55E-06	0.00E+00	3.90E-06	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	4.96E-06
51	ALL		463057.1	3773424	NonCancer	0.00E+00	8.64E-08	5.20E-06	0.00E+00	0.00E+00	5.24E-06	2.70E-06	0.00E+00	4.12E-06	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	5.24E-06
52	ALL		463043.9	3773430	NonCancer	0.00E+00	8.21E-08	4.94E-06	0.00E+00	0.00E+00	4.98E-06	2.56E-06	0.00E+00	3.91E-06	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	4.98E-06

53	ALL	463160.6	3773373	NonCancer	0.00E+00	8.93E-08	5.37E-06	0.00E+00	0.00E+00	5.42E-06	2.79E-06	0.00E+00	4.26E-06	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	5.42E-06
54	ALL	463164.6	3773395	NonCancer	0.00E+00	7.88E-08	4.74E-06	0.00E+00	0.00E+00	4.78E-06	2.46E-06	0.00E+00	3.76E-06	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	4.78E-06
55	ALL	463151.8	3773401	NonCancer	0.00E+00	7.52E-08	4.53E-06	0.00E+00	0.00E+00	4.56E-06	2.35E-06	0.00E+00	3.59E-06	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	4.56E-06
56	ALL	463139	3773407	NonCancer	0.00E+00	6.99E-08	4.21E-06	0.00E+00	0.00E+00	4.24E-06	2.18E-06	0.00E+00	3.33E-06	0.00E+00	0.00E+00	4.21E-06	0.00E+00	0.00E+00	4.24E-06
57	ALL	463126.2	3773413	NonCancer	0.00E+00	6.57E-08	3.95E-06	0.00E+00	0.00E+00	3.98E-06	2.05E-06	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	3.98E-06
58	ALL	463113.4	3773418	NonCancer	0.00E+00	6.76E-08	4.07E-06	0.00E+00	0.00E+00	4.10E-06	2.11E-06	0.00E+00	3.23E-06	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	4.10E-06
59	ALL	463100.5	3773424	NonCancer	0.00E+00	6.74E-08	4.06E-06	0.00E+00	0.00E+00	4.09E-06	2.10E-06	0.00E+00	3.21E-06	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	4.09E-06
60	ALL	463087.7	3773430	NonCancer	0.00E+00	6.56E-08	3.95E-06	0.00E+00	0.00E+00	3.98E-06	2.05E-06	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	3.98E-06
61	ALL	463074.9	3773436	NonCancer	0.00E+00	7.42E-08	4.46E-06	0.00E+00	0.00E+00	4.50E-06	2.31E-06	0.00E+00	3.54E-06	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	4.50E-06
62	ALL	463062.1	3773442	NonCancer	0.00E+00	7.85E-08	4.72E-06	0.00E+00	0.00E+00	4.76E-06	2.45E-06	0.00E+00	3.74E-06	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	4.76E-06
63	ALL	463049.3	3773448	NonCancer	0.00E+00	7.59E-08	4.57E-06	0.00E+00	0.00E+00	4.60E-06	2.37E-06	0.00E+00	3.62E-06	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	4.60E-06
64	ALL	463175.8	3773387	NonCancer	0.00E+00	8.32E-08	5.01E-06	0.00E+00	0.00E+00	5.05E-06	2.59E-06	0.00E+00	3.97E-06	0.00E+00	0.00E+00	5.01E-06	0.00E+00	0.00E+00	5.05E-06
65	ALL	463179.7	3773408	NonCancer	0.00E+00	7.35E-08	4.42E-06	0.00E+00	0.00E+00	4.46E-06	2.29E-06	0.00E+00	3.50E-06	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	4.46E-06
66	ALL	463166.7	3773414	NonCancer	0.00E+00	7.06E-08	4.25E-06	0.00E+00	0.00E+00	4.29E-06	2.20E-06	0.00E+00	3.37E-06	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	4.29E-06
67	ALL	463153.7	3773420	NonCancer	0.00E+00	6.66E-08	4.01E-06	0.00E+00	0.00E+00	4.04E-06	2.08E-06	0.00E+00	3.18E-06	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	4.04E-06
68	ALL	463140.7	3773426	NonCancer	0.00E+00	6.22E-08	3.74E-06	0.00E+00	0.00E+00	3.77E-06	1.94E-06	0.00E+00	2.97E-06	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	3.77E-06
69	ALL	463127.8	3773432	NonCancer	0.00E+00	6.17E-08	3.71E-06	0.00E+00	0.00E+00	3.74E-06	1.92E-06	0.00E+00	2.94E-06	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	3.74E-06
70	ALL	463114.8	3773438	NonCancer	0.00E+00	6.30E-08	3.79E-06	0.00E+00	0.00E+00	3.82E-06	1.97E-06	0.00E+00	3.00E-06	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	3.82E-06
71	ALL	463101.8	3773444	NonCancer	0.00E+00	6.12E-08	3.69E-06	0.00E+00	0.00E+00	3.72E-06	1.91E-06	0.00E+00	2.92E-06	0.00E+00	0.00E+00	3.69E-06	0.00E+00	0.00E+00	3.72E-06
72	ALL	463088.8	3773450	NonCancer	0.00E+00	6.24E-08	3.76E-06	0.00E+00	0.00E+00	3.79E-06	1.95E-06	0.00E+00	2.98E-06	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	3.79E-06
73	ALL	463075.8	3773456	NonCancer	0.00E+00	6.93E-08	4.17E-06	0.00E+00	0.00E+00	4.20E-06	2.16E-06	0.00E+00	3.30E-06	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	4.20E-06
74	ALL	463190.9	3773400	NonCancer	0.00E+00	7.67E-08	4.62E-06	0.00E+00	0.00E+00	4.65E-06	2.39E-06	0.00E+00	3.66E-06	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	4.65E-06
75	ALL	463194.8	3773421	NonCancer	0.00E+00	6.95E-08	4.18E-06	0.00E+00	0.00E+00	4.22E-06	2.17E-06	0.00E+00	3.31E-06	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	4.22E-06
76	ALL	463181.6	3773427	NonCancer	0.00E+00	6.73E-08	4.05E-06	0.00E+00	0.00E+00	4.08E-06	2.10E-06	0.00E+00	3.21E-06	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	4.08E-06
77	ALL	463168.5	3773433	NonCancer	0.00E+00	6.40E-08	3.85E-06	0.00E+00	0.00E+00	3.89E-06	2.00E-06	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	3.89E-06
78	ALL	463155.4	3773439	NonCancer	0.00E+00	5.98E-08	3.60E-06	0.00E+00	0.00E+00	3.63E-06	1.87E-06	0.00E+00	2.85E-06	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	3.63E-06
79	ALL	463142.3	3773445	NonCancer	0.00E+00	5.69E-08	3.42E-06	0.00E+00	0.00E+00	3.45E-06	1.77E-06	0.00E+00	2.71E-06	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	3.45E-06
80	ALL	463129.1	3773451	NonCancer	0.00E+00	5.85E-08	3.52E-06	0.00E+00	0.00E+00	3.55E-06	1.83E-06	0.00E+00	2.79E-06	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	3.55E-06
81	ALL	463116	3773457	NonCancer	0.00E+00	5.82E-08	3.51E-06	0.00E+00	0.00E+00	3.53E-06	1.82E-06	0.00E+00	2.78E-06	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	3.53E-06
82	ALL	463206.1	3773413	NonCancer	0.00E+00	7.19E-08	4.32E-06	0.00E+00	0.00E+00	4.36E-06	2.24E-06	0.00E+00	3.43E-06	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	4.36E-06
83	ALL	463209.8	3773434	NonCancer	0.00E+00	6.63E-08	3.99E-06	0.00E+00	0.00E+00	4.02E-06	2.07E-06	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	4.02E-06
84	ALL	463196.6	3773440	NonCancer	0.00E+00	6.44E-08	3.87E-06	0.00E+00	0.00E+00	3.91E-06	2.01E-06	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	3.91E-06
85	ALL	463183.3	3773446	NonCancer	0.00E+00	6.18E-08	3.72E-06	0.00E+00	0.00E+00	3.75E-06	1.93E-06	0.00E+00	2.95E-06	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	3.75E-06
86	ALL	463170.1	3773452	NonCancer	0.00E+00	5.79E-08	3.48E-06	0.00E+00	0.00E+00	3.51E-06	1.81E-06	0.00E+00	2.76E-06	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	3.51E-06
87	ALL	463156.8	3773459	NonCancer	0.00E+00	5.44E-08	3.27E-06	0.00E+00	0.00E+00	3.30E-06	1.70E-06	0.00E+00	2.59E-06	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	3.30E-06
88	ALL	463221.2	3773426	NonCancer	0.00E+00	6.87E-08	4.14E-06	0.00E+00	0.00E+00	4.17E-06	2.14E-06	0.00E+00	3.28E-06	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	4.17E-06
89	ALL	463225.1	3773447	NonCancer	0.00E+00	6.36E-08	3.83E-06	0.00E+00	0.00E+00	3.86E-06	1.98E-06	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	3.86E-06
90	ALL	463212.1	3773453	NonCancer	0.00E+00	6.16E-08	3.71E-06	0.00E+00	0.00E+00	3.74E-06	1.92E-06	0.00E+00	2.94E-06	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	3.74E-06
91	ALL	463199.2	3773459	NonCancer	0.00E+00	5.96E-08	3.59E-06	0.00E+00	0.00E+00	3.62E-06	1.86E-06	0.00E+00	2.84E-06	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	3.62E-06
92	ALL	463236.4	3773439	NonCancer	0.00E+00	6.63E-08	3.99E-06	0.00E+00	0.00E+00	4.02E-06	2.07E-06	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	4.02E-06
93	ALL	463259.1	3773458	NonCancer	0.00E+00	6.36E-08	3.83E-06	0.00E+00	0.00E+00	3.86E-06	1.98E-06	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	3.86E-06
94	ALL	463037.2	3773873	NonCancer	0.00E+00	3.03E-08	1.82E-06	0.00E+00	0.00E+00	1.84E-06	9.46E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.84E-06
95	ALL	463129.9	3773871	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
96	ALL	463116.7	3773877	NonCancer	0.00E+00	3.26E-08	1.96E-06	0.00E+00	0.00E+00	1.98E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.98E-06
97	ALL	463103.5	3773883	NonCancer	0.00E+00	3.25E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
98	ALL	463090.3	3773889	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
99	ALL	463077	3773895	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.80E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
100	ALL	463063.8	3773901	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.86E-06	9.55E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.86E-06
101	ALL	463050.6	3773907	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.32E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
102	ALL	463037.4	3773913	NonCancer	0.00E+00	2.93E-08	1.77E-06	0.00E+00	0.00E+00	1.78E-06	9.15E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.78E-06
103	ALL	463214.6	3773872	NonCancer	0.00E+00	3.82E-08	2.30E-06	0.00E+00	0.00E+00	2.32E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.32E-06
104	ALL	463201.5	3773878	NonCancer	0.00E+00	3.71E-08	2.23E-06	0.00E+00	0.00E+00	2.25E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.25E-06
105	ALL	463188.4	3773884	NonCancer	0.00E+00	3.65E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
106	ALL	463175.2	3773890	NonCancer	0.00E+00	3.63E-08	2.19E-06	0.00E+00	0.00E+00	2.20E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.20E-06

107	ALL	463162.1	3773896	NonCancer	0.00E+00	3.56E-08	2.15E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.16E-06
108	ALL	463149	3773902	NonCancer	0.00E+00	3.46E-08	2.08E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.10E-06
109	ALL	463135.8	3773908	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
110	ALL	463122.7	3773914	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	1.99E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	1.99E-06
111	ALL	463109.5	3773920	NonCancer	0.00E+00	3.23E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
112	ALL	463096.4	3773926	NonCancer	0.00E+00	3.15E-08	1.90E-06	0.00E+00	0.00E+00	1.91E-06	9.84E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.91E-06
113	ALL	463083.3	3773932	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.87E-06	9.63E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.87E-06
114	ALL	463070.1	3773938	NonCancer	0.00E+00	3.03E-08	1.83E-06	0.00E+00	0.00E+00	1.84E-06	9.46E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.84E-06
115	ALL	463057	3773944	NonCancer	0.00E+00	2.98E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.31E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
116	ALL	463043.8	3773950	NonCancer	0.00E+00	2.96E-08	1.78E-06	0.00E+00	0.00E+00	1.80E-06	9.24E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	1.80E-06
117	ALL	463308.7	3773869	NonCancer	0.00E+00	5.11E-08	3.07E-06	0.00E+00	0.00E+00	3.10E-06	1.59E-06	0.00E+00	2.44E-06	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.10E-06
118	ALL	463295.5	3773875	NonCancer	0.00E+00	4.89E-08	2.94E-06	0.00E+00	0.00E+00	2.97E-06	1.53E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	2.97E-06
119	ALL	463282.3	3773881	NonCancer	0.00E+00	4.62E-08	2.78E-06	0.00E+00	0.00E+00	2.80E-06	1.44E-06	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	2.80E-06
120	ALL	463269.1	3773887	NonCancer	0.00E+00	4.38E-08	2.63E-06	0.00E+00	0.00E+00	2.65E-06	1.36E-06	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	2.65E-06
121	ALL	463255.8	3773893	NonCancer	0.00E+00	4.17E-08	2.51E-06	0.00E+00	0.00E+00	2.53E-06	1.30E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	2.53E-06
122	ALL	463242.6	3773899	NonCancer	0.00E+00	3.99E-08	2.40E-06	0.00E+00	0.00E+00	2.42E-06	1.24E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	2.42E-06
123	ALL	463229.4	3773905	NonCancer	0.00E+00	3.88E-08	2.33E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.35E-06
124	ALL	463216.1	3773911	NonCancer	0.00E+00	3.79E-08	2.28E-06	0.00E+00	0.00E+00	2.30E-06	1.18E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.30E-06
125	ALL	463202.9	3773917	NonCancer	0.00E+00	3.70E-08	2.23E-06	0.00E+00	0.00E+00	2.25E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.25E-06
126	ALL	463189.7	3773924	NonCancer	0.00E+00	3.63E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
127	ALL	463176.4	3773930	NonCancer	0.00E+00	3.56E-08	2.14E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.16E-06
128	ALL	463163.2	3773936	NonCancer	0.00E+00	3.48E-08	2.10E-06	0.00E+00	0.00E+00	2.11E-06	1.09E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.11E-06
129	ALL	463150	3773942	NonCancer	0.00E+00	3.41E-08	2.05E-06	0.00E+00	0.00E+00	2.07E-06	1.06E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.07E-06
130	ALL	463136.7	3773948	NonCancer	0.00E+00	3.35E-08	2.02E-06	0.00E+00	0.00E+00	2.03E-06	1.04E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.03E-06
131	ALL	463123.5	3773954	NonCancer	0.00E+00	3.31E-08	1.99E-06	0.00E+00	0.00E+00	2.01E-06	1.03E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.01E-06
132	ALL	463110.3	3773960	NonCancer	0.00E+00	3.26E-08	1.96E-06	0.00E+00	0.00E+00	1.98E-06	1.02E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.98E-06
133	ALL	463097	3773966	NonCancer	0.00E+00	3.18E-08	1.91E-06	0.00E+00	0.00E+00	1.93E-06	9.91E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.93E-06
134	ALL	463083.8	3773972	NonCancer	0.00E+00	3.08E-08	1.85E-06	0.00E+00	0.00E+00	1.87E-06	9.60E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.87E-06
135	ALL	463070.6	3773978	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.34E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
136	ALL	463057.4	3773984	NonCancer	0.00E+00	2.92E-08	1.76E-06	0.00E+00	0.00E+00	1.77E-06	9.12E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.77E-06
137	ALL	463044.1	3773990	NonCancer	0.00E+00	2.90E-08	1.75E-06	0.00E+00	0.00E+00	1.76E-06	9.05E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.76E-06
138	ALL	463393	3773870	NonCancer	0.00E+00	1.36E-07	8.17E-06	0.00E+00	0.00E+00	8.24E-06	4.23E-06	0.00E+00	6.48E-06	0.00E+00	0.00E+00	8.17E-06	0.00E+00	0.00E+00	8.24E-06
139	ALL	463379.8	3773876	NonCancer	0.00E+00	1.00E-07	6.02E-06	0.00E+00	0.00E+00	6.07E-06	3.12E-06	0.00E+00	4.77E-06	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	6.07E-06
140	ALL	463366.6	3773882	NonCancer	0.00E+00	8.18E-08	4.92E-06	0.00E+00	0.00E+00	4.96E-06	2.55E-06	0.00E+00	3.90E-06	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	4.96E-06
141	ALL	463353.4	3773888	NonCancer	0.00E+00	6.97E-08	4.20E-06	0.00E+00	0.00E+00	4.23E-06	2.17E-06	0.00E+00	3.32E-06	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	4.23E-06
142	ALL	463340.3	3773895	NonCancer	0.00E+00	6.07E-08	3.66E-06	0.00E+00	0.00E+00	3.68E-06	1.89E-06	0.00E+00	2.90E-06	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	3.68E-06
143	ALL	463327.1	3773901	NonCancer	0.00E+00	5.55E-08	3.34E-06	0.00E+00	0.00E+00	3.37E-06	1.73E-06	0.00E+00	2.65E-06	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	3.37E-06
144	ALL	463313.9	3773907	NonCancer	0.00E+00	5.21E-08	3.14E-06	0.00E+00	0.00E+00	3.16E-06	1.63E-06	0.00E+00	2.49E-06	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.16E-06
145	ALL	463300.8	3773913	NonCancer	0.00E+00	4.97E-08	2.99E-06	0.00E+00	0.00E+00	3.02E-06	1.55E-06	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.02E-06
146	ALL	463287.6	3773919	NonCancer	0.00E+00	4.73E-08	2.84E-06	0.00E+00	0.00E+00	2.87E-06	1.47E-06	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	2.87E-06
147	ALL	463274.4	3773925	NonCancer	0.00E+00	4.52E-08	2.72E-06	0.00E+00	0.00E+00	2.74E-06	1.41E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	2.74E-06
148	ALL	463261.3	3773931	NonCancer	0.00E+00	4.29E-08	2.58E-06	0.00E+00	0.00E+00	2.60E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.60E-06
149	ALL	463248.1	3773937	NonCancer	0.00E+00	4.09E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.28E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
150	ALL	463234.9	3773943	NonCancer	0.00E+00	3.93E-08	2.37E-06	0.00E+00	0.00E+00	2.39E-06	1.23E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.39E-06
151	ALL	463221.7	3773949	NonCancer	0.00E+00	3.79E-08	2.28E-06	0.00E+00	0.00E+00	2.30E-06	1.18E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.30E-06
152	ALL	463208.6	3773955	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
153	ALL	463195.4	3773961	NonCancer	0.00E+00	3.64E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
154	ALL	463182.2	3773967	NonCancer	0.00E+00	3.59E-08	2.16E-06	0.00E+00	0.00E+00	2.18E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.18E-06
155	ALL	463169.1	3773973	NonCancer	0.00E+00	3.49E-08	2.10E-06	0.00E+00	0.00E+00	2.12E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.12E-06
156	ALL	463155.9	3773979	NonCancer	0.00E+00	3.39E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
157	ALL	463142.7	3773985	NonCancer	0.00E+00	3.30E-08	1.99E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.00E-06
158	ALL	463129.5	3773991	NonCancer	0.00E+00	3.24E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
159	ALL	463116.4	3773997	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
160	ALL	463103.2	3774003	NonCancer	0.00E+00	3.17E-08	1.91E-06	0.00E+00	0.00E+00	1.92E-06	9.89E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.92E-06

161	ALL	463090	3774009	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.89E-06	9.74E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.89E-06
162	ALL	463076.9	3774015	NonCancer	0.00E+00	3.10E-08	1.87E-06	0.00E+00	0.00E+00	1.88E-06	9.67E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.88E-06
163	ALL	463063.7	3774021	NonCancer	0.00E+00	3.04E-08	1.83E-06	0.00E+00	0.00E+00	1.85E-06	9.49E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.85E-06
164	ALL	463050.5	3774027	NonCancer	0.00E+00	2.98E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.31E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
165	ALL	463408.6	3773903	NonCancer	0.00E+00	3.06E-07	1.84E-05	0.00E+00	0.00E+00	1.85E-05	9.52E-06	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.85E-05
166	ALL	463395.4	3773909	NonCancer	0.00E+00	1.50E-07	9.00E-06	0.00E+00	0.00E+00	9.07E-06	4.66E-06	0.00E+00	7.13E-06	0.00E+00	0.00E+00	9.00E-06	0.00E+00	0.00E+00	9.07E-06
167	ALL	463382.1	3773915	NonCancer	0.00E+00	1.05E-07	6.32E-06	0.00E+00	0.00E+00	6.37E-06	3.28E-06	0.00E+00	5.01E-06	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	6.37E-06
168	ALL	463368.9	3773921	NonCancer	0.00E+00	8.34E-08	5.02E-06	0.00E+00	0.00E+00	5.06E-06	2.60E-06	0.00E+00	3.98E-06	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	5.06E-06
169	ALL	463355.6	3773927	NonCancer	0.00E+00	6.94E-08	4.18E-06	0.00E+00	0.00E+00	4.21E-06	2.16E-06	0.00E+00	3.31E-06	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	4.21E-06
170	ALL	463342.4	3773934	NonCancer	0.00E+00	6.07E-08	3.65E-06	0.00E+00	0.00E+00	3.68E-06	1.89E-06	0.00E+00	2.89E-06	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	3.68E-06
171	ALL	463329.1	3773940	NonCancer	0.00E+00	5.60E-08	3.37E-06	0.00E+00	0.00E+00	3.40E-06	1.75E-06	0.00E+00	2.67E-06	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	3.40E-06
172	ALL	463315.9	3773946	NonCancer	0.00E+00	5.26E-08	3.16E-06	0.00E+00	0.00E+00	3.19E-06	1.64E-06	0.00E+00	2.51E-06	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.19E-06
173	ALL	463302.6	3773952	NonCancer	0.00E+00	4.94E-08	2.97E-06	0.00E+00	0.00E+00	3.00E-06	1.54E-06	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	3.00E-06
174	ALL	463289.4	3773958	NonCancer	0.00E+00	4.67E-08	2.81E-06	0.00E+00	0.00E+00	2.83E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	2.83E-06
175	ALL	463276.1	3773964	NonCancer	0.00E+00	4.44E-08	2.67E-06	0.00E+00	0.00E+00	2.69E-06	1.38E-06	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	2.69E-06
176	ALL	463262.9	3773970	NonCancer	0.00E+00	4.23E-08	2.55E-06	0.00E+00	0.00E+00	2.57E-06	1.32E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.57E-06
177	ALL	463249.6	3773976	NonCancer	0.00E+00	4.08E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.27E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
178	ALL	463236.4	3773982	NonCancer	0.00E+00	3.95E-08	2.38E-06	0.00E+00	0.00E+00	2.40E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	2.40E-06
179	ALL	463223.1	3773988	NonCancer	0.00E+00	3.81E-08	2.29E-06	0.00E+00	0.00E+00	2.31E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.31E-06
180	ALL	463209.8	3773994	NonCancer	0.00E+00	3.69E-08	2.22E-06	0.00E+00	0.00E+00	2.24E-06	1.15E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.24E-06
181	ALL	463196.6	3774000	NonCancer	0.00E+00	3.58E-08	2.15E-06	0.00E+00	0.00E+00	2.17E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.17E-06
182	ALL	463183.3	3774006	NonCancer	0.00E+00	3.46E-08	2.08E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.10E-06
183	ALL	463170.1	3774012	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
184	ALL	463156.8	3774019	NonCancer	0.00E+00	3.26E-08	1.96E-06	0.00E+00	0.00E+00	1.98E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.98E-06
185	ALL	463143.6	3774025	NonCancer	0.00E+00	3.24E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
186	ALL	463130.3	3774031	NonCancer	0.00E+00	3.23E-08	1.95E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.96E-06
187	ALL	463117.1	3774037	NonCancer	0.00E+00	3.22E-08	1.94E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.95E-06
188	ALL	463400.3	3773947	NonCancer	0.00E+00	1.87E-07	1.12E-05	0.00E+00	0.00E+00	1.13E-05	5.83E-06	0.00E+00	8.91E-06	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.13E-05
189	ALL	463387.1	3773953	NonCancer	0.00E+00	1.19E-07	7.15E-06	0.00E+00	0.00E+00	7.21E-06	3.70E-06	0.00E+00	5.66E-06	0.00E+00	0.00E+00	7.15E-06	0.00E+00	0.00E+00	7.21E-06
190	ALL	463373.9	3773959	NonCancer	0.00E+00	9.00E-08	5.41E-06	0.00E+00	0.00E+00	5.46E-06	2.80E-06	0.00E+00	4.29E-06	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	5.46E-06
191	ALL	463360.7	3773965	NonCancer	0.00E+00	7.29E-08	4.38E-06	0.00E+00	0.00E+00	4.42E-06	2.27E-06	0.00E+00	3.47E-06	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	4.42E-06
192	ALL	463347.5	3773971	NonCancer	0.00E+00	6.34E-08	3.82E-06	0.00E+00	0.00E+00	3.85E-06	1.98E-06	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	3.85E-06
193	ALL	463334.3	3773977	NonCancer	0.00E+00	5.76E-08	3.47E-06	0.00E+00	0.00E+00	3.49E-06	1.80E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	3.49E-06
194	ALL	463321.1	3773983	NonCancer	0.00E+00	5.34E-08	3.21E-06	0.00E+00	0.00E+00	3.24E-06	1.66E-06	0.00E+00	2.54E-06	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	3.24E-06
195	ALL	463308	3773989	NonCancer	0.00E+00	5.04E-08	3.04E-06	0.00E+00	0.00E+00	3.06E-06	1.57E-06	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.06E-06
196	ALL	463294.8	3773995	NonCancer	0.00E+00	4.78E-08	2.88E-06	0.00E+00	0.00E+00	2.90E-06	1.49E-06	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	2.90E-06
197	ALL	463281.6	3774001	NonCancer	0.00E+00	4.50E-08	2.71E-06	0.00E+00	0.00E+00	2.73E-06	1.40E-06	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.73E-06
198	ALL	463268.4	3774007	NonCancer	0.00E+00	4.26E-08	2.56E-06	0.00E+00	0.00E+00	2.58E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.58E-06
199	ALL	463255.2	3774014	NonCancer	0.00E+00	4.06E-08	2.44E-06	0.00E+00	0.00E+00	2.46E-06	1.27E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	2.46E-06
200	ALL	463242	3774020	NonCancer	0.00E+00	3.90E-08	2.35E-06	0.00E+00	0.00E+00	2.37E-06	1.22E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.37E-06
201	ALL	463228.8	3774026	NonCancer	0.00E+00	3.76E-08	2.26E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.28E-06
202	ALL	463215.6	3774032	NonCancer	0.00E+00	3.67E-08	2.21E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.22E-06
203	ALL	463202.4	3774038	NonCancer	0.00E+00	3.58E-08	2.15E-06	0.00E+00	0.00E+00	2.17E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.17E-06
204	ALL	463096.8	3774086	NonCancer	0.00E+00	3.20E-08	1.92E-06	0.00E+00	0.00E+00	1.94E-06	9.97E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.94E-06
205	ALL	463083.6	3774092	NonCancer	0.00E+00	3.13E-08	1.89E-06	0.00E+00	0.00E+00	1.90E-06	9.78E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.90E-06
206	ALL	463070.4	3774098	NonCancer	0.00E+00	3.08E-08	1.85E-06	0.00E+00	0.00E+00	1.87E-06	9.60E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.87E-06
207	ALL	463057.2	3774104	NonCancer	0.00E+00	3.02E-08	1.82E-06	0.00E+00	0.00E+00	1.83E-06	9.43E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.83E-06
208	ALL	463044	3774110	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.33E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
209	ALL	463510.5	3773937	NonCancer	0.00E+00	5.33E-08	3.21E-06	0.00E+00	0.00E+00	3.23E-06	1.66E-06	0.00E+00	2.54E-06	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	3.23E-06
210	ALL	463497.4	3773943	NonCancer	0.00E+00	5.84E-08	3.52E-06	0.00E+00	0.00E+00	3.55E-06	1.82E-06	0.00E+00	2.79E-06	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	3.55E-06
211	ALL	463484.2	3773949	NonCancer	0.00E+00	6.63E-08	3.99E-06	0.00E+00	0.00E+00	4.02E-06	2.07E-06	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	4.02E-06
212	ALL	463471.1	3773955	NonCancer	0.00E+00	7.90E-08	4.75E-06	0.00E+00	0.00E+00	4.79E-06	2.46E-06	0.00E+00	3.77E-06	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	4.79E-06
213	ALL	463458	3773961	NonCancer	0.00E+00	1.00E-07	6.04E-06	0.00E+00	0.00E+00	6.09E-06	3.13E-06	0.00E+00	4.79E-06	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.09E-06
214	ALL	463444.8	3773967	NonCancer	0.00E+00	1.42E-07	8.57E-06	0.00E+00	0.00E+00	8.64E-06	4.44E-06	0.00E+00	6.79E-06	0.00E+00	0.00E+00	8.57E-06	0.00E+00	0.00E+00	8.64E-06

215	ALL	463405.4	3773985	NonCancer	0.00E+00	2.59E-07	1.56E-05	0.00E+00	0.00E+00	1.57E-05	8.07E-06	0.00E+00	1.23E-05	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.57E-05
216	ALL	463392.2	3773991	NonCancer	0.00E+00	1.37E-07	8.25E-06	0.00E+00	0.00E+00	8.32E-06	4.28E-06	0.00E+00	6.54E-06	0.00E+00	0.00E+00	8.25E-06	0.00E+00	0.00E+00	8.32E-06
217	ALL	463379.1	3773997	NonCancer	0.00E+00	9.67E-08	5.82E-06	0.00E+00	0.00E+00	5.86E-06	3.01E-06	0.00E+00	4.61E-06	0.00E+00	0.00E+00	5.82E-06	0.00E+00	0.00E+00	5.86E-06
218	ALL	463365.9	3774003	NonCancer	0.00E+00	7.60E-08	4.57E-06	0.00E+00	0.00E+00	4.61E-06	2.37E-06	0.00E+00	3.62E-06	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	4.61E-06
219	ALL	463352.8	3774009	NonCancer	0.00E+00	6.63E-08	3.99E-06	0.00E+00	0.00E+00	4.02E-06	2.07E-06	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	4.02E-06
220	ALL	463339.6	3774015	NonCancer	0.00E+00	5.98E-08	3.60E-06	0.00E+00	0.00E+00	3.63E-06	1.87E-06	0.00E+00	2.85E-06	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	3.63E-06
221	ALL	463326.5	3774021	NonCancer	0.00E+00	5.49E-08	3.30E-06	0.00E+00	0.00E+00	3.33E-06	1.71E-06	0.00E+00	2.62E-06	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	3.33E-06
222	ALL	463313.4	3774027	NonCancer	0.00E+00	5.11E-08	3.08E-06	0.00E+00	0.00E+00	3.10E-06	1.59E-06	0.00E+00	2.44E-06	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	3.10E-06
223	ALL	463300.2	3774033	NonCancer	0.00E+00	4.80E-08	2.89E-06	0.00E+00	0.00E+00	2.91E-06	1.50E-06	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	2.91E-06
224	ALL	463287.1	3774039	NonCancer	0.00E+00	4.55E-08	2.74E-06	0.00E+00	0.00E+00	2.76E-06	1.42E-06	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	2.76E-06
225	ALL	463195	3774081	NonCancer	0.00E+00	3.43E-08	2.07E-06	0.00E+00	0.00E+00	2.08E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.08E-06
226	ALL	463181.9	3774087	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
227	ALL	463168.7	3774093	NonCancer	0.00E+00	3.31E-08	2.00E-06	0.00E+00	0.00E+00	2.01E-06	1.03E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.01E-06
228	ALL	463155.6	3774099	NonCancer	0.00E+00	3.28E-08	1.98E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	1.99E-06
229	ALL	463142.5	3774105	NonCancer	0.00E+00	3.27E-08	1.97E-06	0.00E+00	0.00E+00	1.98E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.98E-06
230	ALL	463129.3	3774111	NonCancer	0.00E+00	3.24E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
231	ALL	463116.2	3774117	NonCancer	0.00E+00	3.24E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
232	ALL	463103	3774123	NonCancer	0.00E+00	3.23E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
233	ALL	463089.9	3774129	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
234	ALL	463076.7	3774135	NonCancer	0.00E+00	3.20E-08	1.93E-06	0.00E+00	0.00E+00	1.94E-06	9.99E-07	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.94E-06
235	ALL	463063.6	3774141	NonCancer	0.00E+00	3.15E-08	1.90E-06	0.00E+00	0.00E+00	1.91E-06	9.83E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.91E-06
236	ALL	463050.4	3774147	NonCancer	0.00E+00	3.10E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.66E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
237	ALL	463037.3	3774153	NonCancer	0.00E+00	3.04E-08	1.83E-06	0.00E+00	0.00E+00	1.84E-06	9.47E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.84E-06
238	ALL	463605.9	3773933	NonCancer	0.00E+00	3.44E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06
239	ALL	463592.7	3773939	NonCancer	0.00E+00	3.62E-08	2.18E-06	0.00E+00	0.00E+00	2.19E-06	1.13E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.19E-06
240	ALL	463579.4	3773945	NonCancer	0.00E+00	3.82E-08	2.30E-06	0.00E+00	0.00E+00	2.32E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.32E-06
241	ALL	463566.2	3773951	NonCancer	0.00E+00	4.07E-08	2.45E-06	0.00E+00	0.00E+00	2.47E-06	1.27E-06	0.00E+00	1.94E-06	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	2.47E-06
242	ALL	463553	3773957	NonCancer	0.00E+00	4.29E-08	2.58E-06	0.00E+00	0.00E+00	2.60E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.60E-06
243	ALL	463539.8	3773963	NonCancer	0.00E+00	4.52E-08	2.72E-06	0.00E+00	0.00E+00	2.74E-06	1.41E-06	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	2.74E-06
244	ALL	463526.6	3773969	NonCancer	0.00E+00	4.83E-08	2.91E-06	0.00E+00	0.00E+00	2.93E-06	1.51E-06	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	2.93E-06
245	ALL	463513.3	3773975	NonCancer	0.00E+00	5.22E-08	3.14E-06	0.00E+00	0.00E+00	3.17E-06	1.63E-06	0.00E+00	2.49E-06	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.17E-06
246	ALL	463500.1	3773981	NonCancer	0.00E+00	5.74E-08	3.45E-06	0.00E+00	0.00E+00	3.48E-06	1.79E-06	0.00E+00	2.73E-06	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	3.48E-06
247	ALL	463486.9	3773987	NonCancer	0.00E+00	6.48E-08	3.90E-06	0.00E+00	0.00E+00	3.93E-06	2.02E-06	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	3.93E-06
248	ALL	463473.7	3773993	NonCancer	0.00E+00	7.58E-08	4.56E-06	0.00E+00	0.00E+00	4.60E-06	2.36E-06	0.00E+00	3.62E-06	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	4.60E-06
249	ALL	463460.5	3773999	NonCancer	0.00E+00	9.39E-08	5.65E-06	0.00E+00	0.00E+00	5.70E-06	2.93E-06	0.00E+00	4.48E-06	0.00E+00	0.00E+00	5.65E-06	0.00E+00	0.00E+00	5.70E-06
250	ALL	463447.2	3774006	NonCancer	0.00E+00	1.29E-07	7.76E-06	0.00E+00	0.00E+00	7.82E-06	4.02E-06	0.00E+00	6.15E-06	0.00E+00	0.00E+00	7.76E-06	0.00E+00	0.00E+00	7.82E-06
251	ALL	463394.4	3774030	NonCancer	0.00E+00	1.47E-07	8.86E-06	0.00E+00	0.00E+00	8.93E-06	4.59E-06	0.00E+00	7.02E-06	0.00E+00	0.00E+00	8.86E-06	0.00E+00	0.00E+00	8.93E-06
252	ALL	463381.2	3774036	NonCancer	0.00E+00	9.85E-08	5.93E-06	0.00E+00	0.00E+00	5.98E-06	3.07E-06	0.00E+00	4.70E-06	0.00E+00	0.00E+00	5.93E-06	0.00E+00	0.00E+00	5.98E-06
253	ALL	463275.4	3774084	NonCancer	0.00E+00	4.19E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
254	ALL	463262.2	3774090	NonCancer	0.00E+00	3.98E-08	2.40E-06	0.00E+00	0.00E+00	2.42E-06	1.24E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	2.42E-06
255	ALL	463249	3774096	NonCancer	0.00E+00	3.84E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
256	ALL	463235.8	3774102	NonCancer	0.00E+00	3.75E-08	2.26E-06	0.00E+00	0.00E+00	2.27E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.27E-06
257	ALL	463222.5	3774108	NonCancer	0.00E+00	3.65E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
258	ALL	463209.3	3774115	NonCancer	0.00E+00	3.56E-08	2.14E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.16E-06
259	ALL	463196.1	3774121	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.11E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.11E-06
260	ALL	463182.9	3774127	NonCancer	0.00E+00	3.39E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
261	ALL	463169.7	3774133	NonCancer	0.00E+00	3.30E-08	1.99E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.00E-06
262	ALL	463156.4	3774139	NonCancer	0.00E+00	3.23E-08	1.95E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.96E-06
263	ALL	463143.2	3774145	NonCancer	0.00E+00	3.25E-08	1.96E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.97E-06
264	ALL	463130	3774151	NonCancer	0.00E+00	3.28E-08	1.97E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.99E-06
265	ALL	463116.8	3774157	NonCancer	0.00E+00	3.25E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
266	ALL	463103.6	3774163	NonCancer	0.00E+00	3.19E-08	1.92E-06	0.00E+00	0.00E+00	1.94E-06	9.96E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.94E-06
267	ALL	463090.3	3774169	NonCancer	0.00E+00	3.16E-08	1.90E-06	0.00E+00	0.00E+00	1.92E-06	9.87E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.92E-06
268	ALL	463077.1	3774175	NonCancer	0.00E+00	3.16E-08	1.90E-06	0.00E+00	0.00E+00	1.92E-06	9.86E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.92E-06

269	ALL	463063.9	3774181	NonCancer	0.00E+00	3.15E-08	1.90E-06	0.00E+00	0.00E+00	1.91E-06	9.83E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.91E-06
270	ALL	463050.7	3774187	NonCancer	0.00E+00	3.13E-08	1.89E-06	0.00E+00	0.00E+00	1.90E-06	9.78E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.90E-06
271	ALL	463037.5	3774193	NonCancer	0.00E+00	3.11E-08	1.87E-06	0.00E+00	0.00E+00	1.89E-06	9.69E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.89E-06
272	ALL	463689.3	3773935	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.44E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
273	ALL	463676.1	3773941	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.77E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
274	ALL	463663	3773947	NonCancer	0.00E+00	2.92E-08	1.76E-06	0.00E+00	0.00E+00	1.77E-06	9.10E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.77E-06
275	ALL	463649.8	3773953	NonCancer	0.00E+00	3.03E-08	1.83E-06	0.00E+00	0.00E+00	1.84E-06	9.46E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.84E-06
276	ALL	463636.6	3773959	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.80E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
277	ALL	463623.4	3773965	NonCancer	0.00E+00	3.25E-08	1.96E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.97E-06
278	ALL	463610.3	3773971	NonCancer	0.00E+00	3.40E-08	2.05E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.06E-06
279	ALL	463597.1	3773977	NonCancer	0.00E+00	3.59E-08	2.16E-06	0.00E+00	0.00E+00	2.18E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.18E-06
280	ALL	463583.9	3773983	NonCancer	0.00E+00	3.78E-08	2.28E-06	0.00E+00	0.00E+00	2.29E-06	1.18E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.29E-06
281	ALL	463570.8	3773989	NonCancer	0.00E+00	3.95E-08	2.38E-06	0.00E+00	0.00E+00	2.40E-06	1.23E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	2.40E-06
282	ALL	463557.6	3773995	NonCancer	0.00E+00	4.15E-08	2.50E-06	0.00E+00	0.00E+00	2.52E-06	1.29E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	2.52E-06
283	ALL	463544.4	3774001	NonCancer	0.00E+00	4.41E-08	2.66E-06	0.00E+00	0.00E+00	2.68E-06	1.38E-06	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	2.68E-06
284	ALL	463531.3	3774007	NonCancer	0.00E+00	4.74E-08	2.85E-06	0.00E+00	0.00E+00	2.87E-06	1.48E-06	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	2.87E-06
285	ALL	463518.1	3774013	NonCancer	0.00E+00	5.06E-08	3.04E-06	0.00E+00	0.00E+00	3.07E-06	1.58E-06	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.07E-06
286	ALL	463504.9	3774019	NonCancer	0.00E+00	5.43E-08	3.27E-06	0.00E+00	0.00E+00	3.30E-06	1.69E-06	0.00E+00	2.59E-06	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	3.30E-06
287	ALL	463491.7	3774025	NonCancer	0.00E+00	6.05E-08	3.64E-06	0.00E+00	0.00E+00	3.67E-06	1.89E-06	0.00E+00	2.89E-06	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	3.67E-06
288	ALL	463478.6	3774031	NonCancer	0.00E+00	7.04E-08	4.24E-06	0.00E+00	0.00E+00	4.27E-06	2.20E-06	0.00E+00	3.36E-06	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	4.27E-06
289	ALL	463465.4	3774037	NonCancer	0.00E+00	8.53E-08	5.14E-06	0.00E+00	0.00E+00	5.18E-06	2.66E-06	0.00E+00	4.07E-06	0.00E+00	0.00E+00	5.14E-06	0.00E+00	0.00E+00	5.18E-06
290	ALL	463452.2	3774043	NonCancer	0.00E+00	1.12E-07	6.73E-06	0.00E+00	0.00E+00	6.79E-06	3.49E-06	0.00E+00	5.34E-06	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	6.79E-06
291	ALL	463360	3774085	NonCancer	0.00E+00	7.00E-08	4.21E-06	0.00E+00	0.00E+00	4.25E-06	2.18E-06	0.00E+00	3.34E-06	0.00E+00	0.00E+00	4.21E-06	0.00E+00	0.00E+00	4.25E-06
292	ALL	463346.9	3774092	NonCancer	0.00E+00	6.16E-08	3.71E-06	0.00E+00	0.00E+00	3.74E-06	1.92E-06	0.00E+00	2.94E-06	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	3.74E-06
293	ALL	463333.7	3774098	NonCancer	0.00E+00	5.66E-08	3.40E-06	0.00E+00	0.00E+00	3.43E-06	1.76E-06	0.00E+00	2.70E-06	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.43E-06
294	ALL	463320.5	3774104	NonCancer	0.00E+00	5.21E-08	3.13E-06	0.00E+00	0.00E+00	3.16E-06	1.62E-06	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.16E-06
295	ALL	463307.4	3774110	NonCancer	0.00E+00	4.75E-08	2.86E-06	0.00E+00	0.00E+00	2.88E-06	1.48E-06	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	2.88E-06
296	ALL	463294.2	3774116	NonCancer	0.00E+00	4.37E-08	2.63E-06	0.00E+00	0.00E+00	2.65E-06	1.36E-06	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	2.65E-06
297	ALL	463281	3774122	NonCancer	0.00E+00	4.15E-08	2.50E-06	0.00E+00	0.00E+00	2.52E-06	1.30E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	2.52E-06
298	ALL	463267.8	3774128	NonCancer	0.00E+00	3.97E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
299	ALL	463254.7	3774134	NonCancer	0.00E+00	3.82E-08	2.30E-06	0.00E+00	0.00E+00	2.31E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.31E-06
300	ALL	463241.5	3774140	NonCancer	0.00E+00	3.69E-08	2.22E-06	0.00E+00	0.00E+00	2.24E-06	1.15E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.24E-06
301	ALL	463228.3	3774146	NonCancer	0.00E+00	3.61E-08	2.17E-06	0.00E+00	0.00E+00	2.19E-06	1.13E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.19E-06
302	ALL	463215.2	3774152	NonCancer	0.00E+00	3.57E-08	2.15E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.16E-06
303	ALL	463202	3774158	NonCancer	0.00E+00	3.53E-08	2.13E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.14E-06
304	ALL	463188.8	3774164	NonCancer	0.00E+00	3.51E-08	2.11E-06	0.00E+00	0.00E+00	2.13E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.13E-06
305	ALL	463175.6	3774170	NonCancer	0.00E+00	3.45E-08	2.08E-06	0.00E+00	0.00E+00	2.09E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.09E-06
306	ALL	463162.5	3774176	NonCancer	0.00E+00	3.37E-08	2.03E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.04E-06
307	ALL	463149.3	3774182	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
308	ALL	463136.1	3774188	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	1.99E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	1.99E-06
309	ALL	463123	3774194	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.02E-06
310	ALL	463109.8	3774200	NonCancer	0.00E+00	3.30E-08	1.99E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.00E-06
311	ALL	463096.6	3774206	NonCancer	0.00E+00	3.25E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
312	ALL	463083.4	3774212	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.94E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.94E-06
313	ALL	463070.3	3774218	NonCancer	0.00E+00	3.16E-08	1.90E-06	0.00E+00	0.00E+00	1.92E-06	9.86E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.92E-06
314	ALL	463057.1	3774224	NonCancer	0.00E+00	3.11E-08	1.87E-06	0.00E+00	0.00E+00	1.89E-06	9.71E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.89E-06
315	ALL	463043.9	3774230	NonCancer	0.00E+00	3.08E-08	1.85E-06	0.00E+00	0.00E+00	1.87E-06	9.61E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.87E-06
316	ALL	463039.2	3773233	NonCancer	0.00E+00	8.02E-07	4.83E-05	0.00E+00	0.00E+00	4.86E-05	2.50E-05	0.00E+00	3.83E-05	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	4.86E-05
317	ALL	463039.1	3773224	NonCancer	0.00E+00	7.68E-07	4.62E-05	0.00E+00	0.00E+00	4.66E-05	2.40E-05	0.00E+00	3.66E-05	0.00E+00	0.00E+00	4.62E-05	0.00E+00	0.00E+00	4.66E-05
318	ALL	463039.1	3773215	NonCancer	0.00E+00	7.55E-07	4.54E-05	0.00E+00	0.00E+00	4.58E-05	2.36E-05	0.00E+00	3.60E-05	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	4.58E-05
319	ALL	463039.1	3773205	NonCancer	0.00E+00	7.52E-07	4.52E-05	0.00E+00	0.00E+00	4.56E-05	2.35E-05	0.00E+00	3.59E-05	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	4.56E-05
320	ALL	463039.1	3773196	NonCancer	0.00E+00	7.84E-07	4.71E-05	0.00E+00	0.00E+00	4.75E-05	2.45E-05	0.00E+00	3.74E-05	0.00E+00	0.00E+00	4.71E-05	0.00E+00	0.00E+00	4.75E-05
321	ALL	463039.1	3773186	NonCancer	0.00E+00	8.06E-07	4.85E-05	0.00E+00	0.00E+00	4.89E-05	2.52E-05	0.00E+00	3.85E-05	0.00E+00	0.00E+00	4.85E-05	0.00E+00	0.00E+00	4.89E-05
322	ALL	463039.1	3773177	NonCancer	0.00E+00	8.15E-07	4.90E-05	0.00E+00	0.00E+00	4.94E-05	2.54E-05	0.00E+00	3.89E-05	0.00E+00	0.00E+00	4.90E-05	0.00E+00	0.00E+00	4.94E-05

323	ALL	463039	3773167	NonCancer	0.00E+00	8.11E-07	4.87E-05	0.00E+00	0.00E+00	4.91E-05	2.53E-05	0.00E+00	3.87E-05	0.00E+00	0.00E+00	4.87E-05	0.00E+00	0.00E+00	4.91E-05
324	ALL	463039	3773158	NonCancer	0.00E+00	8.13E-07	4.89E-05	0.00E+00	0.00E+00	4.93E-05	2.54E-05	0.00E+00	3.88E-05	0.00E+00	0.00E+00	4.89E-05	0.00E+00	0.00E+00	4.93E-05
325	ALL	463039	3773149	NonCancer	0.00E+00	8.00E-07	4.81E-05	0.00E+00	0.00E+00	4.85E-05	2.50E-05	0.00E+00	3.82E-05	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	4.85E-05
326	ALL	463049.2	3773233	NonCancer	0.00E+00	6.23E-07	3.75E-05	0.00E+00	0.00E+00	3.78E-05	1.94E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	3.75E-05	0.00E+00	0.00E+00	3.78E-05
327	ALL	463049.1	3773224	NonCancer	0.00E+00	5.86E-07	3.53E-05	0.00E+00	0.00E+00	3.56E-05	1.83E-05	0.00E+00	2.80E-05	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	3.56E-05
328	ALL	463049.1	3773215	NonCancer	0.00E+00	5.66E-07	3.41E-05	0.00E+00	0.00E+00	3.43E-05	1.77E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	3.43E-05
329	ALL	463049.1	3773205	NonCancer	0.00E+00	5.69E-07	3.42E-05	0.00E+00	0.00E+00	3.45E-05	1.77E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	3.45E-05
330	ALL	463049.1	3773196	NonCancer	0.00E+00	5.73E-07	3.45E-05	0.00E+00	0.00E+00	3.48E-05	1.79E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	3.48E-05
331	ALL	463049.1	3773186	NonCancer	0.00E+00	5.67E-07	3.41E-05	0.00E+00	0.00E+00	3.44E-05	1.77E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	3.44E-05
332	ALL	463049.1	3773177	NonCancer	0.00E+00	5.56E-07	3.34E-05	0.00E+00	0.00E+00	3.37E-05	1.74E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	3.37E-05
333	ALL	463049	3773167	NonCancer	0.00E+00	5.49E-07	3.30E-05	0.00E+00	0.00E+00	3.33E-05	1.71E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	3.33E-05
334	ALL	463049	3773158	NonCancer	0.00E+00	5.15E-07	3.10E-05	0.00E+00	0.00E+00	3.12E-05	1.61E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	3.12E-05
335	ALL	463049	3773149	NonCancer	0.00E+00	5.36E-07	3.23E-05	0.00E+00	0.00E+00	3.25E-05	1.67E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	3.25E-05
336	ALL	463059.2	3773233	NonCancer	0.00E+00	5.28E-07	3.18E-05	0.00E+00	0.00E+00	3.21E-05	1.65E-05	0.00E+00	2.52E-05	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	3.21E-05
337	ALL	463059.1	3773224	NonCancer	0.00E+00	4.87E-07	2.93E-05	0.00E+00	0.00E+00	2.95E-05	1.52E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	2.95E-05
338	ALL	463059.1	3773215	NonCancer	0.00E+00	4.65E-07	2.80E-05	0.00E+00	0.00E+00	2.82E-05	1.45E-05	0.00E+00	2.22E-05	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	2.82E-05
339	ALL	463059.1	3773205	NonCancer	0.00E+00	4.58E-07	2.75E-05	0.00E+00	0.00E+00	2.78E-05	1.43E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	2.78E-05
340	ALL	463059.1	3773196	NonCancer	0.00E+00	4.48E-07	2.69E-05	0.00E+00	0.00E+00	2.71E-05	1.40E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	2.71E-05
341	ALL	463059.1	3773186	NonCancer	0.00E+00	4.28E-07	2.58E-05	0.00E+00	0.00E+00	2.60E-05	1.34E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	2.60E-05
342	ALL	463059.1	3773177	NonCancer	0.00E+00	4.24E-07	2.55E-05	0.00E+00	0.00E+00	2.57E-05	1.32E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	2.57E-05
343	ALL	463059	3773167	NonCancer	0.00E+00	4.13E-07	2.48E-05	0.00E+00	0.00E+00	2.50E-05	1.29E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	2.50E-05
344	ALL	463059	3773158	NonCancer	0.00E+00	3.75E-07	2.26E-05	0.00E+00	0.00E+00	2.27E-05	1.17E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	2.27E-05
345	ALL	463059	3773149	NonCancer	0.00E+00	3.83E-07	2.30E-05	0.00E+00	0.00E+00	2.32E-05	1.20E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.32E-05
346	ALL	463069.2	3773233	NonCancer	0.00E+00	4.66E-07	2.80E-05	0.00E+00	0.00E+00	2.83E-05	1.45E-05	0.00E+00	2.22E-05	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	2.83E-05
347	ALL	463069.1	3773224	NonCancer	0.00E+00	4.20E-07	2.53E-05	0.00E+00	0.00E+00	2.55E-05	1.31E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	2.55E-05
348	ALL	463069.1	3773214	NonCancer	0.00E+00	3.99E-07	2.40E-05	0.00E+00	0.00E+00	2.42E-05	1.24E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	2.42E-05
349	ALL	463069.1	3773205	NonCancer	0.00E+00	3.81E-07	2.29E-05	0.00E+00	0.00E+00	2.31E-05	1.19E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	2.31E-05
350	ALL	463069.1	3773196	NonCancer	0.00E+00	3.62E-07	2.18E-05	0.00E+00	0.00E+00	2.20E-05	1.13E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	2.20E-05
351	ALL	463069.1	3773186	NonCancer	0.00E+00	3.48E-07	2.09E-05	0.00E+00	0.00E+00	2.11E-05	1.09E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	2.11E-05
352	ALL	463069.1	3773177	NonCancer	0.00E+00	3.48E-07	2.09E-05	0.00E+00	0.00E+00	2.11E-05	1.09E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	2.11E-05
353	ALL	463069	3773167	NonCancer	0.00E+00	3.31E-07	1.99E-05	0.00E+00	0.00E+00	2.01E-05	1.03E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	2.01E-05
354	ALL	463069	3773158	NonCancer	0.00E+00	3.04E-07	1.83E-05	0.00E+00	0.00E+00	1.84E-05	9.50E-06	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	1.84E-05
355	ALL	463069	3773149	NonCancer	0.00E+00	2.91E-07	1.75E-05	0.00E+00	0.00E+00	1.77E-05	9.10E-06	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	1.77E-05
356	ALL	463079.2	3773233	NonCancer	0.00E+00	4.18E-07	2.52E-05	0.00E+00	0.00E+00	2.54E-05	1.31E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	2.54E-05
357	ALL	463079.1	3773224	NonCancer	0.00E+00	3.76E-07	2.26E-05	0.00E+00	0.00E+00	2.28E-05	1.17E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	2.28E-05
358	ALL	463079.1	3773214	NonCancer	0.00E+00	3.48E-07	2.09E-05	0.00E+00	0.00E+00	2.11E-05	1.09E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	2.11E-05
359	ALL	463079.1	3773205	NonCancer	0.00E+00	3.27E-07	1.97E-05	0.00E+00	0.00E+00	1.99E-05	1.02E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	1.99E-05
360	ALL	463079.1	3773196	NonCancer	0.00E+00	3.08E-07	1.85E-05	0.00E+00	0.00E+00	1.87E-05	9.62E-06	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.87E-05
361	ALL	463079.1	3773186	NonCancer	0.00E+00	3.02E-07	1.82E-05	0.00E+00	0.00E+00	1.83E-05	9.43E-06	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.83E-05
362	ALL	463079.1	3773177	NonCancer	0.00E+00	2.98E-07	1.79E-05	0.00E+00	0.00E+00	1.80E-05	9.29E-06	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	1.80E-05
363	ALL	463079	3773167	NonCancer	0.00E+00	2.78E-07	1.67E-05	0.00E+00	0.00E+00	1.68E-05	8.67E-06	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	1.68E-05
364	ALL	463079	3773158	NonCancer	0.00E+00	2.57E-07	1.55E-05	0.00E+00	0.00E+00	1.56E-05	8.03E-06	0.00E+00	1.23E-05	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.56E-05
365	ALL	463079	3773149	NonCancer	0.00E+00	2.46E-07	1.48E-05	0.00E+00	0.00E+00	1.49E-05	7.69E-06	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	1.49E-05
366	ALL	463073	3773286	NonCancer	0.00E+00	2.59E-07	1.56E-05	0.00E+00	0.00E+00	1.57E-05	8.09E-06	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.57E-05
367	ALL	463089.2	3773233	NonCancer	0.00E+00	3.88E-07	2.33E-05	0.00E+00	0.00E+00	2.35E-05	1.21E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	2.35E-05
368	ALL	463089.1	3773224	NonCancer	0.00E+00	3.40E-07	2.05E-05	0.00E+00	0.00E+00	2.06E-05	1.06E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	2.06E-05
369	ALL	463089.1	3773214	NonCancer	0.00E+00	3.12E-07	1.87E-05	0.00E+00	0.00E+00	1.89E-05	9.72E-06	0.00E+00	1.49E-05	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	1.89E-05
370	ALL	463089.1	3773205	NonCancer	0.00E+00	2.87E-07	1.73E-05	0.00E+00	0.00E+00	1.74E-05	8.95E-06	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	1.74E-05
371	ALL	463089.1	3773196	NonCancer	0.00E+00	2.74E-07	1.65E-05	0.00E+00	0.00E+00	1.66E-05	8.57E-06	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	1.66E-05
372	ALL	463089.1	3773186	NonCancer	0.00E+00	2.71E-07	1.63E-05	0.00E+00	0.00E+00	1.65E-05	8.47E-06	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	1.65E-05
373	ALL	463089.1	3773177	NonCancer	0.00E+00	2.64E-07	1.59E-05	0.00E+00	0.00E+00	1.60E-05	8.23E-06	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	1.60E-05
374	ALL	463089	3773167	NonCancer	0.00E+00	2.45E-07	1.47E-05	0.00E+00	0.00E+00	1.48E-05	7.63E-06	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.48E-05
375	ALL	463089	3773158	NonCancer	0.00E+00	2.24E-07	1.35E-05	0.00E+00	0.00E+00	1.36E-05	6.99E-06	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.36E-05
376	ALL	463089	3773148	NonCancer	0.00E+00	2.19E-07	1.32E-05	0.00E+00	0.00E+00	1.33E-05	6.83E-06	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.33E-05

377	ALL	463080.5	3773293	NonCancer	0.00E+00	2.21E-07	1.33E-05	0.00E+00	0.00E+00	1.34E-05	6.89E-06	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.34E-05
378	ALL	463099.2	3773233	NonCancer	0.00E+00	3.67E-07	2.21E-05	0.00E+00	0.00E+00	2.23E-05	1.15E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	2.23E-05
379	ALL	463099.1	3773224	NonCancer	0.00E+00	3.15E-07	1.89E-05	0.00E+00	0.00E+00	1.91E-05	9.82E-06	0.00E+00	1.50E-05	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	1.91E-05
380	ALL	463099.1	3773214	NonCancer	0.00E+00	2.82E-07	1.70E-05	0.00E+00	0.00E+00	1.71E-05	8.80E-06	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	1.71E-05
381	ALL	463099.1	3773205	NonCancer	0.00E+00	2.63E-07	1.58E-05	0.00E+00	0.00E+00	1.59E-05	8.20E-06	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	1.59E-05
382	ALL	463099.1	3773196	NonCancer	0.00E+00	2.54E-07	1.53E-05	0.00E+00	0.00E+00	1.54E-05	7.92E-06	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.54E-05
383	ALL	463099.1	3773186	NonCancer	0.00E+00	2.48E-07	1.49E-05	0.00E+00	0.00E+00	1.51E-05	7.75E-06	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	1.51E-05
384	ALL	463099.1	3773177	NonCancer	0.00E+00	2.39E-07	1.44E-05	0.00E+00	0.00E+00	1.45E-05	7.46E-06	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.45E-05
385	ALL	463099	3773167	NonCancer	0.00E+00	2.20E-07	1.33E-05	0.00E+00	0.00E+00	1.34E-05	6.88E-06	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.34E-05
386	ALL	463099	3773158	NonCancer	0.00E+00	2.00E-07	1.20E-05	0.00E+00	0.00E+00	1.21E-05	6.24E-06	0.00E+00	9.54E-06	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.21E-05
387	ALL	463099	3773148	NonCancer	0.00E+00	1.97E-07	1.18E-05	0.00E+00	0.00E+00	1.19E-05	6.14E-06	0.00E+00	9.39E-06	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.19E-05
388	ALL	463094	3773284	NonCancer	0.00E+00	2.67E-07	1.61E-05	0.00E+00	0.00E+00	1.62E-05	8.35E-06	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	1.62E-05
389	ALL	463109.2	3773233	NonCancer	0.00E+00	3.51E-07	2.11E-05	0.00E+00	0.00E+00	2.13E-05	1.09E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	2.13E-05
390	ALL	463109.1	3773224	NonCancer	0.00E+00	2.96E-07	1.78E-05	0.00E+00	0.00E+00	1.80E-05	9.25E-06	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	1.80E-05
391	ALL	463109.1	3773214	NonCancer	0.00E+00	2.66E-07	1.60E-05	0.00E+00	0.00E+00	1.62E-05	8.31E-06	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	1.62E-05
392	ALL	463109.1	3773205	NonCancer	0.00E+00	2.46E-07	1.48E-05	0.00E+00	0.00E+00	1.49E-05	7.69E-06	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	1.49E-05
393	ALL	463109.1	3773196	NonCancer	0.00E+00	2.36E-07	1.42E-05	0.00E+00	0.00E+00	1.43E-05	7.38E-06	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.43E-05
394	ALL	463109.1	3773186	NonCancer	0.00E+00	2.29E-07	1.38E-05	0.00E+00	0.00E+00	1.39E-05	7.15E-06	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.39E-05
395	ALL	463109.1	3773177	NonCancer	0.00E+00	2.19E-07	1.32E-05	0.00E+00	0.00E+00	1.33E-05	6.84E-06	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.33E-05
396	ALL	463109	3773167	NonCancer	0.00E+00	2.01E-07	1.21E-05	0.00E+00	0.00E+00	1.22E-05	6.28E-06	0.00E+00	9.60E-06	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.22E-05
397	ALL	463109	3773158	NonCancer	0.00E+00	1.82E-07	1.09E-05	0.00E+00	0.00E+00	1.10E-05	5.67E-06	0.00E+00	8.67E-06	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.10E-05
398	ALL	463109	3773148	NonCancer	0.00E+00	1.80E-07	1.08E-05	0.00E+00	0.00E+00	1.09E-05	5.61E-06	0.00E+00	8.58E-06	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.09E-05
399	ALL	463113	3773286	NonCancer	0.00E+00	2.36E-07	1.42E-05	0.00E+00	0.00E+00	1.43E-05	7.36E-06	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.43E-05
400	ALL	463109.8	3773295	NonCancer	0.00E+00	1.98E-07	1.19E-05	0.00E+00	0.00E+00	1.20E-05	6.19E-06	0.00E+00	9.46E-06	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	1.20E-05
401	ALL	463106.5	3773304	NonCancer	0.00E+00	1.75E-07	1.05E-05	0.00E+00	0.00E+00	1.06E-05	5.46E-06	0.00E+00	8.34E-06	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.06E-05
402	ALL	463103.3	3773313	NonCancer	0.00E+00	1.58E-07	9.52E-06	0.00E+00	0.00E+00	9.59E-06	4.93E-06	0.00E+00	7.54E-06	0.00E+00	0.00E+00	9.52E-06	0.00E+00	0.00E+00	9.59E-06
403	ALL	463129.2	3773233	NonCancer	0.00E+00	3.21E-07	1.93E-05	0.00E+00	0.00E+00	1.95E-05	1.00E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	1.95E-05
404	ALL	463129.1	3773224	NonCancer	0.00E+00	2.71E-07	1.63E-05	0.00E+00	0.00E+00	1.65E-05	8.47E-06	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	1.65E-05
405	ALL	463129.1	3773214	NonCancer	0.00E+00	2.43E-07	1.46E-05	0.00E+00	0.00E+00	1.48E-05	7.59E-06	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.48E-05
406	ALL	463129.1	3773205	NonCancer	0.00E+00	2.21E-07	1.33E-05	0.00E+00	0.00E+00	1.34E-05	6.91E-06	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.34E-05
407	ALL	463129.1	3773196	NonCancer	0.00E+00	2.09E-07	1.26E-05	0.00E+00	0.00E+00	1.27E-05	6.53E-06	0.00E+00	9.98E-06	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.27E-05
408	ALL	463129.1	3773186	NonCancer	0.00E+00	2.00E-07	1.20E-05	0.00E+00	0.00E+00	1.21E-05	6.24E-06	0.00E+00	9.54E-06	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.21E-05
409	ALL	463129.1	3773177	NonCancer	0.00E+00	1.89E-07	1.14E-05	0.00E+00	0.00E+00	1.15E-05	5.91E-06	0.00E+00	9.04E-06	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.15E-05
410	ALL	463129	3773167	NonCancer	0.00E+00	1.73E-07	1.04E-05	0.00E+00	0.00E+00	1.05E-05	5.41E-06	0.00E+00	8.27E-06	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.05E-05
411	ALL	463129	3773158	NonCancer	0.00E+00	1.59E-07	9.55E-06	0.00E+00	0.00E+00	9.63E-06	4.95E-06	0.00E+00	7.57E-06	0.00E+00	0.00E+00	9.55E-06	0.00E+00	0.00E+00	9.63E-06
412	ALL	463129	3773148	NonCancer	0.00E+00	1.59E-07	9.56E-06	0.00E+00	0.00E+00	9.64E-06	4.96E-06	0.00E+00	7.58E-06	0.00E+00	0.00E+00	9.56E-06	0.00E+00	0.00E+00	9.64E-06
413	ALL	463130.7	3773293	NonCancer	0.00E+00	1.96E-07	1.18E-05	0.00E+00	0.00E+00	1.19E-05	6.11E-06	0.00E+00	9.34E-06	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.19E-05
414	ALL	463127.6	3773301	NonCancer	0.00E+00	1.73E-07	1.04E-05	0.00E+00	0.00E+00	1.05E-05	5.40E-06	0.00E+00	8.25E-06	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.05E-05
415	ALL	463121.4	3773318	NonCancer	0.00E+00	1.44E-07	8.64E-06	0.00E+00	0.00E+00	8.71E-06	4.48E-06	0.00E+00	6.85E-06	0.00E+00	0.00E+00	8.64E-06	0.00E+00	0.00E+00	8.71E-06
416	ALL	463149.2	3773233	NonCancer	0.00E+00	3.00E-07	1.81E-05	0.00E+00	0.00E+00	1.82E-05	9.36E-06	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	1.82E-05
417	ALL	463149.1	3773224	NonCancer	0.00E+00	2.53E-07	1.53E-05	0.00E+00	0.00E+00	1.54E-05	7.91E-06	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.54E-05
418	ALL	463149.1	3773214	NonCancer	0.00E+00	2.24E-07	1.35E-05	0.00E+00	0.00E+00	1.36E-05	6.99E-06	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.36E-05
419	ALL	463149.1	3773205	NonCancer	0.00E+00	2.02E-07	1.22E-05	0.00E+00	0.00E+00	1.23E-05	6.30E-06	0.00E+00	9.63E-06	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.23E-05
420	ALL	463149.1	3773195	NonCancer	0.00E+00	1.92E-07	1.15E-05	0.00E+00	0.00E+00	1.16E-05	5.98E-06	0.00E+00	9.14E-06	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.16E-05
421	ALL	463149.1	3773186	NonCancer	0.00E+00	1.82E-07	1.09E-05	0.00E+00	0.00E+00	1.10E-05	5.68E-06	0.00E+00	8.68E-06	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.10E-05
422	ALL	463149.1	3773177	NonCancer	0.00E+00	1.71E-07	1.03E-05	0.00E+00	0.00E+00	1.04E-05	5.34E-06	0.00E+00	8.16E-06	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.04E-05
423	ALL	463149	3773167	NonCancer	0.00E+00	1.57E-07	9.43E-06	0.00E+00	0.00E+00	9.50E-06	4.89E-06	0.00E+00	7.47E-06	0.00E+00	0.00E+00	9.43E-06	0.00E+00	0.00E+00	9.50E-06
424	ALL	463149	3773158	NonCancer	0.00E+00	1.44E-07	8.67E-06	0.00E+00	0.00E+00	8.74E-06	4.49E-06	0.00E+00	6.87E-06	0.00E+00	0.00E+00	8.67E-06	0.00E+00	0.00E+00	8.74E-06
425	ALL	463149	3773148	NonCancer	0.00E+00	1.45E-07	8.71E-06	0.00E+00	0.00E+00	8.78E-06	4.52E-06	0.00E+00	6.91E-06	0.00E+00	0.00E+00	8.71E-06	0.00E+00	0.00E+00	8.78E-06
426	ALL	463153	3773286	NonCancer	0.00E+00	2.25E-07	1.36E-05	0.00E+00	0.00E+00	1.37E-05	7.03E-06	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.37E-05
427	ALL	463149.8	3773295	NonCancer	0.00E+00	1.83E-07	1.10E-05	0.00E+00	0.00E+00	1.11E-05	5.72E-06	0.00E+00	8.74E-06	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.11E-05
428	ALL	463146.5	3773304	NonCancer	0.00E+00	1.60E-07	9.65E-06	0.00E+00	0.00E+00	9.73E-06	5.00E-06	0.00E+00	7.64E-06	0.00E+00	0.00E+00	9.65E-06	0.00E+00	0.00E+00	9.73E-06
429	ALL	463143.3	3773312	NonCancer	0.00E+00	1.45E-07	8.75E-06	0.00E+00	0.00E+00	8.82E-06	4.54E-06	0.00E+00	6.93E-06	0.00E+00	0.00E+00	8.75E-06	0.00E+00	0.00E+00	8.82E-06
430	ALL	463140.1	3773321	NonCancer	0.00E+00	1.33E-07	7.98E-06	0.00E+00	0.00E+00	8.04E-06	4.13E-06	0.00E+00	6.32E-06	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	8.04E-06

431	ALL	463136.8	3773330	NonCancer	0.00E+00	1.23E-07	7.43E-06	0.00E+00	0.00E+00	7.49E-06	3.85E-06	0.00E+00	5.89E-06	0.00E+00	0.00E+00	7.43E-06	0.00E+00	0.00E+00	7.49E-06
432	ALL	463133.6	3773339	NonCancer	0.00E+00	1.16E-07	6.97E-06	0.00E+00	0.00E+00	7.03E-06	3.62E-06	0.00E+00	5.53E-06	0.00E+00	0.00E+00	6.97E-06	0.00E+00	0.00E+00	7.03E-06
433	ALL	463169.2	3773233	NonCancer	0.00E+00	2.90E-07	1.75E-05	0.00E+00	0.00E+00	1.76E-05	9.06E-06	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	1.76E-05
434	ALL	463169.1	3773224	NonCancer	0.00E+00	2.41E-07	1.45E-05	0.00E+00	0.00E+00	1.46E-05	7.53E-06	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.46E-05
435	ALL	463169.1	3773214	NonCancer	0.00E+00	2.10E-07	1.26E-05	0.00E+00	0.00E+00	1.27E-05	6.55E-06	0.00E+00	1.00E-05	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.27E-05
436	ALL	463169.1	3773205	NonCancer	0.00E+00	1.88E-07	1.13E-05	0.00E+00	0.00E+00	1.14E-05	5.87E-06	0.00E+00	8.97E-06	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.14E-05
437	ALL	463169.1	3773195	NonCancer	0.00E+00	1.78E-07	1.07E-05	0.00E+00	0.00E+00	1.08E-05	5.55E-06	0.00E+00	8.48E-06	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.08E-05
438	ALL	463169.1	3773186	NonCancer	0.00E+00	1.68E-07	1.01E-05	0.00E+00	0.00E+00	1.02E-05	5.25E-06	0.00E+00	8.03E-06	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.02E-05
439	ALL	463169.1	3773177	NonCancer	0.00E+00	1.58E-07	9.51E-06	0.00E+00	0.00E+00	9.58E-06	4.93E-06	0.00E+00	7.53E-06	0.00E+00	0.00E+00	9.51E-06	0.00E+00	0.00E+00	9.58E-06
440	ALL	463169	3773167	NonCancer	0.00E+00	1.45E-07	8.74E-06	0.00E+00	0.00E+00	8.81E-06	4.53E-06	0.00E+00	6.93E-06	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	8.81E-06
441	ALL	463169	3773158	NonCancer	0.00E+00	1.35E-07	8.11E-06	0.00E+00	0.00E+00	8.17E-06	4.21E-06	0.00E+00	6.43E-06	0.00E+00	0.00E+00	8.11E-06	0.00E+00	0.00E+00	8.17E-06
442	ALL	463169	3773148	NonCancer	0.00E+00	1.34E-07	8.06E-06	0.00E+00	0.00E+00	8.13E-06	4.18E-06	0.00E+00	6.39E-06	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	8.13E-06
443	ALL	463170.5	3773293	NonCancer	0.00E+00	1.89E-07	1.14E-05	0.00E+00	0.00E+00	1.15E-05	5.89E-06	0.00E+00	9.01E-06	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.15E-05
444	ALL	463167.3	3773301	NonCancer	0.00E+00	1.63E-07	9.84E-06	0.00E+00	0.00E+00	9.92E-06	5.10E-06	0.00E+00	7.79E-06	0.00E+00	0.00E+00	9.84E-06	0.00E+00	0.00E+00	9.92E-06
445	ALL	463164.2	3773310	NonCancer	0.00E+00	1.47E-07	8.84E-06	0.00E+00	0.00E+00	8.91E-06	4.58E-06	0.00E+00	7.00E-06	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	8.91E-06
446	ALL	463158	3773327	NonCancer	0.00E+00	1.25E-07	7.55E-06	0.00E+00	0.00E+00	7.61E-06	3.92E-06	0.00E+00	5.98E-06	0.00E+00	0.00E+00	7.55E-06	0.00E+00	0.00E+00	7.61E-06
447	ALL	463154.9	3773335	NonCancer	0.00E+00	1.16E-07	6.97E-06	0.00E+00	0.00E+00	7.02E-06	3.61E-06	0.00E+00	5.52E-06	0.00E+00	0.00E+00	6.97E-06	0.00E+00	0.00E+00	7.02E-06
448	ALL	463148.6	3773352	NonCancer	0.00E+00	1.02E-07	6.12E-06	0.00E+00	0.00E+00	6.17E-06	3.17E-06	0.00E+00	4.85E-06	0.00E+00	0.00E+00	6.12E-06	0.00E+00	0.00E+00	6.17E-06
449	ALL	463189.2	3773233	NonCancer	0.00E+00	2.81E-07	1.69E-05	0.00E+00	0.00E+00	1.71E-05	8.78E-06	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	1.71E-05
450	ALL	463189.1	3773224	NonCancer	0.00E+00	2.31E-07	1.39E-05	0.00E+00	0.00E+00	1.40E-05	7.20E-06	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.40E-05
451	ALL	463189.1	3773214	NonCancer	0.00E+00	1.99E-07	1.20E-05	0.00E+00	0.00E+00	1.21E-05	6.21E-06	0.00E+00	9.49E-06	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.21E-05
452	ALL	463189.1	3773205	NonCancer	0.00E+00	1.78E-07	1.07E-05	0.00E+00	0.00E+00	1.08E-05	5.55E-06	0.00E+00	8.48E-06	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.08E-05
453	ALL	463189.1	3773195	NonCancer	0.00E+00	1.67E-07	1.01E-05	0.00E+00	0.00E+00	1.01E-05	5.21E-06	0.00E+00	7.97E-06	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
454	ALL	463189.1	3773186	NonCancer	0.00E+00	1.58E-07	9.51E-06	0.00E+00	0.00E+00	9.58E-06	4.93E-06	0.00E+00	7.53E-06	0.00E+00	0.00E+00	9.51E-06	0.00E+00	0.00E+00	9.58E-06
455	ALL	463189.1	3773177	NonCancer	0.00E+00	1.48E-07	8.91E-06	0.00E+00	0.00E+00	8.98E-06	4.62E-06	0.00E+00	7.06E-06	0.00E+00	0.00E+00	8.91E-06	0.00E+00	0.00E+00	8.98E-06
456	ALL	463189	3773167	NonCancer	0.00E+00	1.37E-07	8.26E-06	0.00E+00	0.00E+00	8.33E-06	4.28E-06	0.00E+00	6.55E-06	0.00E+00	0.00E+00	8.26E-06	0.00E+00	0.00E+00	8.33E-06
457	ALL	463189	3773158	NonCancer	0.00E+00	1.28E-07	7.71E-06	0.00E+00	0.00E+00	7.77E-06	4.00E-06	0.00E+00	6.11E-06	0.00E+00	0.00E+00	7.71E-06	0.00E+00	0.00E+00	7.77E-06
458	ALL	463189	3773148	NonCancer	0.00E+00	1.25E-07	7.55E-06	0.00E+00	0.00E+00	7.61E-06	3.92E-06	0.00E+00	5.98E-06	0.00E+00	0.00E+00	7.55E-06	0.00E+00	0.00E+00	7.61E-06
459	ALL	463193	3773286	NonCancer	0.00E+00	2.30E-07	1.38E-05	0.00E+00	0.00E+00	1.40E-05	7.17E-06	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.40E-05
460	ALL	463189.8	3773295	NonCancer	0.00E+00	1.81E-07	1.09E-05	0.00E+00	0.00E+00	1.10E-05	5.65E-06	0.00E+00	8.64E-06	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.10E-05
461	ALL	463186.5	3773304	NonCancer	0.00E+00	1.55E-07	9.36E-06	0.00E+00	0.00E+00	9.43E-06	4.85E-06	0.00E+00	7.41E-06	0.00E+00	0.00E+00	9.36E-06	0.00E+00	0.00E+00	9.43E-06
462	ALL	463183.3	3773312	NonCancer	0.00E+00	1.42E-07	8.53E-06	0.00E+00	0.00E+00	8.60E-06	4.42E-06	0.00E+00	6.76E-06	0.00E+00	0.00E+00	8.53E-06	0.00E+00	0.00E+00	8.60E-06
463	ALL	463180.1	3773321	NonCancer	0.00E+00	1.30E-07	7.80E-06	0.00E+00	0.00E+00	7.86E-06	4.04E-06	0.00E+00	6.18E-06	0.00E+00	0.00E+00	7.80E-06	0.00E+00	0.00E+00	7.86E-06
464	ALL	463176.8	3773330	NonCancer	0.00E+00	1.20E-07	7.23E-06	0.00E+00	0.00E+00	7.29E-06	3.75E-06	0.00E+00	5.73E-06	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	7.29E-06
465	ALL	463173.6	3773339	NonCancer	0.00E+00	1.12E-07	6.73E-06	0.00E+00	0.00E+00	6.79E-06	3.49E-06	0.00E+00	5.33E-06	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	6.79E-06
466	ALL	463170.4	3773347	NonCancer	0.00E+00	1.04E-07	6.27E-06	0.00E+00	0.00E+00	6.32E-06	3.25E-06	0.00E+00	4.97E-06	0.00E+00	0.00E+00	6.27E-06	0.00E+00	0.00E+00	6.32E-06
467	ALL	463167.1	3773356	NonCancer	0.00E+00	9.60E-08	5.78E-06	0.00E+00	0.00E+00	5.82E-06	3.00E-06	0.00E+00	4.58E-06	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	5.82E-06
468	ALL	463163.9	3773365	NonCancer	0.00E+00	9.17E-08	5.52E-06	0.00E+00	0.00E+00	5.57E-06	2.86E-06	0.00E+00	4.38E-06	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	5.57E-06
469	ALL	463209.2	3773233	NonCancer	0.00E+00	2.73E-07	1.64E-05	0.00E+00	0.00E+00	1.66E-05	8.51E-06	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	1.66E-05
470	ALL	463209.1	3773224	NonCancer	0.00E+00	2.22E-07	1.34E-05	0.00E+00	0.00E+00	1.35E-05	6.94E-06	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.35E-05
471	ALL	463209.1	3773214	NonCancer	0.00E+00	1.90E-07	1.15E-05	0.00E+00	0.00E+00	1.16E-05	5.94E-06	0.00E+00	9.08E-06	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.16E-05
472	ALL	463209.1	3773205	NonCancer	0.00E+00	1.70E-07	1.02E-05	0.00E+00	0.00E+00	1.03E-05	5.31E-06	0.00E+00	8.11E-06	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.03E-05
473	ALL	463209.1	3773195	NonCancer	0.00E+00	1.59E-07	9.58E-06	0.00E+00	0.00E+00	9.66E-06	4.97E-06	0.00E+00	7.59E-06	0.00E+00	0.00E+00	9.58E-06	0.00E+00	0.00E+00	9.66E-06
474	ALL	463209.1	3773186	NonCancer	0.00E+00	1.50E-07	9.02E-06	0.00E+00	0.00E+00	9.09E-06	4.68E-06	0.00E+00	7.15E-06	0.00E+00	0.00E+00	9.02E-06	0.00E+00	0.00E+00	9.09E-06
475	ALL	463209.1	3773177	NonCancer	0.00E+00	1.40E-07	8.45E-06	0.00E+00	0.00E+00	8.52E-06	4.38E-06	0.00E+00	6.69E-06	0.00E+00	0.00E+00	8.45E-06	0.00E+00	0.00E+00	8.52E-06
476	ALL	463209	3773167	NonCancer	0.00E+00	1.32E-07	7.92E-06	0.00E+00	0.00E+00	7.99E-06	4.11E-06	0.00E+00	6.28E-06	0.00E+00	0.00E+00	7.92E-06	0.00E+00	0.00E+00	7.99E-06
477	ALL	463209	3773158	NonCancer	0.00E+00	1.23E-07	7.40E-06	0.00E+00	0.00E+00	7.46E-06	3.84E-06	0.00E+00	5.86E-06	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	7.46E-06
478	ALL	463209	3773148	NonCancer	0.00E+00	1.20E-07	7.23E-06	0.00E+00	0.00E+00	7.28E-06	3.75E-06	0.00E+00	5.73E-06	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	7.28E-06
479	ALL	463213.5	3773285	NonCancer	0.00E+00	2.44E-07	1.47E-05	0.00E+00	0.00E+00	1.48E-05	7.60E-06	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.48E-05
480	ALL	463210.3	3773293	NonCancer	0.00E+00	1.94E-07	1.17E-05	0.00E+00	0.00E+00	1.18E-05	6.05E-06	0.00E+00	9.25E-06	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.18E-05
481	ALL	463207.2	3773302	NonCancer	0.00E+00	1.61E-07	9.71E-06	0.00E+00	0.00E+00	9.79E-06	5.03E-06	0.00E+00	7.69E-06	0.00E+00	0.00E+00	9.71E-06	0.00E+00	0.00E+00	9.79E-06
482	ALL	463204.1	3773310	NonCancer	0.00E+00	1.41E-07	8.47E-06	0.00E+00	0.00E+00	8.54E-06	4.39E-06	0.00E+00	6.71E-06	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	8.54E-06
483	ALL	463200.9	3773319	NonCancer	0.00E+00	1.31E-07	7.88E-06	0.00E+00	0.00E+00	7.94E-06	4.08E-06	0.00E+00	6.24E-06	0.00E+00	0.00E+00	7.88E-06	0.00E+00	0.00E+00	7.94E-06
484	ALL	463197.8	3773327	NonCancer	0.00E+00	1.22E-07	7.33E-06	0.00E+00	0.00E+00	7.39E-06	3.80E-06	0.00E+00	5.81E-06	0.00E+00	0.00E+00	7.33E-06	0.00E+00	0.00E+00	7.39E-06

485	ALL	463194.6	3773336	NonCancer	0.00E+00	1.13E-07	6.78E-06	0.00E+00	0.00E+00	6.83E-06	3.51E-06	0.00E+00	5.37E-06	0.00E+00	0.00E+00	6.78E-06	0.00E+00	0.00E+00	6.83E-06
486	ALL	463191.5	3773344	NonCancer	0.00E+00	1.06E-07	6.36E-06	0.00E+00	0.00E+00	6.42E-06	3.30E-06	0.00E+00	5.04E-06	0.00E+00	0.00E+00	6.36E-06	0.00E+00	0.00E+00	6.42E-06
487	ALL	463188.4	3773353	NonCancer	0.00E+00	9.95E-08	5.99E-06	0.00E+00	0.00E+00	6.04E-06	3.10E-06	0.00E+00	4.75E-06	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	6.04E-06
488	ALL	463182.1	3773370	NonCancer	0.00E+00	8.84E-08	5.32E-06	0.00E+00	0.00E+00	5.36E-06	2.76E-06	0.00E+00	4.21E-06	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	5.36E-06
489	ALL	463178.9	3773378	NonCancer	0.00E+00	8.55E-08	5.15E-06	0.00E+00	0.00E+00	5.19E-06	2.67E-06	0.00E+00	4.08E-06	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	5.19E-06
490	ALL	463229.2	3773233	NonCancer	0.00E+00	2.66E-07	1.60E-05	0.00E+00	0.00E+00	1.61E-05	8.30E-06	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	1.61E-05
491	ALL	463229.1	3773224	NonCancer	0.00E+00	2.16E-07	1.30E-05	0.00E+00	0.00E+00	1.31E-05	6.74E-06	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.31E-05
492	ALL	463229.1	3773214	NonCancer	0.00E+00	1.84E-07	1.11E-05	0.00E+00	0.00E+00	1.12E-05	5.74E-06	0.00E+00	8.78E-06	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.12E-05
493	ALL	463229.1	3773205	NonCancer	0.00E+00	1.64E-07	9.90E-06	0.00E+00	0.00E+00	9.98E-06	5.13E-06	0.00E+00	7.84E-06	0.00E+00	0.00E+00	9.90E-06	0.00E+00	0.00E+00	9.98E-06
494	ALL	463229.1	3773195	NonCancer	0.00E+00	1.54E-07	9.24E-06	0.00E+00	0.00E+00	9.31E-06	4.79E-06	0.00E+00	7.32E-06	0.00E+00	0.00E+00	9.24E-06	0.00E+00	0.00E+00	9.31E-06
495	ALL	463229.1	3773186	NonCancer	0.00E+00	1.44E-07	8.69E-06	0.00E+00	0.00E+00	8.76E-06	4.50E-06	0.00E+00	6.88E-06	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	8.76E-06
496	ALL	463229.1	3773176	NonCancer	0.00E+00	1.36E-07	8.16E-06	0.00E+00	0.00E+00	8.22E-06	4.23E-06	0.00E+00	6.46E-06	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	8.22E-06
497	ALL	463229	3773167	NonCancer	0.00E+00	1.28E-07	7.70E-06	0.00E+00	0.00E+00	7.77E-06	3.99E-06	0.00E+00	6.10E-06	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	7.77E-06
498	ALL	463229	3773158	NonCancer	0.00E+00	1.20E-07	7.24E-06	0.00E+00	0.00E+00	7.30E-06	3.75E-06	0.00E+00	5.74E-06	0.00E+00	0.00E+00	7.24E-06	0.00E+00	0.00E+00	7.30E-06
499	ALL	463229	3773148	NonCancer	0.00E+00	1.17E-07	7.04E-06	0.00E+00	0.00E+00	7.09E-06	3.65E-06	0.00E+00	5.58E-06	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	7.09E-06
500	ALL	463233	3773286	NonCancer	0.00E+00	2.36E-07	1.42E-05	0.00E+00	0.00E+00	1.43E-05	7.37E-06	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.43E-05
501	ALL	463229.8	3773295	NonCancer	0.00E+00	1.91E-07	1.15E-05	0.00E+00	0.00E+00	1.16E-05	5.95E-06	0.00E+00	9.10E-06	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.16E-05
502	ALL	463226.5	3773304	NonCancer	0.00E+00	1.60E-07	9.63E-06	0.00E+00	0.00E+00	9.71E-06	4.99E-06	0.00E+00	7.63E-06	0.00E+00	0.00E+00	9.63E-06	0.00E+00	0.00E+00	9.71E-06
503	ALL	463223.3	3773312	NonCancer	0.00E+00	1.37E-07	8.26E-06	0.00E+00	0.00E+00	8.33E-06	4.28E-06	0.00E+00	6.54E-06	0.00E+00	0.00E+00	8.26E-06	0.00E+00	0.00E+00	8.33E-06
504	ALL	463220.1	3773321	NonCancer	0.00E+00	1.25E-07	7.51E-06	0.00E+00	0.00E+00	7.57E-06	3.89E-06	0.00E+00	5.95E-06	0.00E+00	0.00E+00	7.51E-06	0.00E+00	0.00E+00	7.57E-06
505	ALL	463216.8	3773330	NonCancer	0.00E+00	1.18E-07	7.08E-06	0.00E+00	0.00E+00	7.13E-06	3.67E-06	0.00E+00	5.61E-06	0.00E+00	0.00E+00	7.08E-06	0.00E+00	0.00E+00	7.13E-06
506	ALL	463213.6	3773338	NonCancer	0.00E+00	1.10E-07	6.63E-06	0.00E+00	0.00E+00	6.68E-06	3.44E-06	0.00E+00	5.25E-06	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	6.68E-06
507	ALL	463210.4	3773347	NonCancer	0.00E+00	1.02E-07	6.16E-06	0.00E+00	0.00E+00	6.21E-06	3.19E-06	0.00E+00	4.88E-06	0.00E+00	0.00E+00	6.16E-06	0.00E+00	0.00E+00	6.21E-06
508	ALL	463207.1	3773356	NonCancer	0.00E+00	9.68E-08	5.83E-06	0.00E+00	0.00E+00	5.87E-06	3.02E-06	0.00E+00	4.62E-06	0.00E+00	0.00E+00	5.83E-06	0.00E+00	0.00E+00	5.87E-06
509	ALL	463203.9	3773365	NonCancer	0.00E+00	9.25E-08	5.56E-06	0.00E+00	0.00E+00	5.61E-06	2.88E-06	0.00E+00	4.41E-06	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	5.61E-06
510	ALL	463200.6	3773373	NonCancer	0.00E+00	8.88E-08	5.35E-06	0.00E+00	0.00E+00	5.39E-06	2.77E-06	0.00E+00	4.24E-06	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	5.39E-06
511	ALL	463197.4	3773382	NonCancer	0.00E+00	8.45E-08	5.09E-06	0.00E+00	0.00E+00	5.13E-06	2.64E-06	0.00E+00	4.03E-06	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	5.13E-06
512	ALL	463194.2	3773391	NonCancer	0.00E+00	8.01E-08	4.82E-06	0.00E+00	0.00E+00	4.86E-06	2.50E-06	0.00E+00	3.82E-06	0.00E+00	0.00E+00	4.82E-06	0.00E+00	0.00E+00	4.86E-06
513	ALL	463249.2	3773233	NonCancer	0.00E+00	2.60E-07	1.57E-05	0.00E+00	0.00E+00	1.58E-05	8.12E-06	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.58E-05
514	ALL	463249.1	3773224	NonCancer	0.00E+00	2.11E-07	1.27E-05	0.00E+00	0.00E+00	1.28E-05	6.58E-06	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.28E-05
515	ALL	463249.1	3773214	NonCancer	0.00E+00	1.79E-07	1.08E-05	0.00E+00	0.00E+00	1.09E-05	5.60E-06	0.00E+00	8.55E-06	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.09E-05
516	ALL	463249.1	3773205	NonCancer	0.00E+00	1.61E-07	9.67E-06	0.00E+00	0.00E+00	9.75E-06	5.01E-06	0.00E+00	7.66E-06	0.00E+00	0.00E+00	9.67E-06	0.00E+00	0.00E+00	9.75E-06
517	ALL	463249.1	3773195	NonCancer	0.00E+00	1.50E-07	9.01E-06	0.00E+00	0.00E+00	9.08E-06	4.67E-06	0.00E+00	7.14E-06	0.00E+00	0.00E+00	9.01E-06	0.00E+00	0.00E+00	9.08E-06
518	ALL	463249.1	3773186	NonCancer	0.00E+00	1.41E-07	8.46E-06	0.00E+00	0.00E+00	8.53E-06	4.38E-06	0.00E+00	6.70E-06	0.00E+00	0.00E+00	8.46E-06	0.00E+00	0.00E+00	8.53E-06
519	ALL	463249.1	3773176	NonCancer	0.00E+00	1.33E-07	8.00E-06	0.00E+00	0.00E+00	8.07E-06	4.15E-06	0.00E+00	6.34E-06	0.00E+00	0.00E+00	8.00E-06	0.00E+00	0.00E+00	8.07E-06
520	ALL	463249	3773167	NonCancer	0.00E+00	1.26E-07	7.57E-06	0.00E+00	0.00E+00	7.63E-06	3.92E-06	0.00E+00	6.00E-06	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	7.63E-06
521	ALL	463249	3773158	NonCancer	0.00E+00	1.19E-07	7.16E-06	0.00E+00	0.00E+00	7.21E-06	3.71E-06	0.00E+00	5.67E-06	0.00E+00	0.00E+00	7.16E-06	0.00E+00	0.00E+00	7.21E-06
522	ALL	463249	3773148	NonCancer	0.00E+00	1.15E-07	6.94E-06	0.00E+00	0.00E+00	6.99E-06	3.60E-06	0.00E+00	5.50E-06	0.00E+00	0.00E+00	6.94E-06	0.00E+00	0.00E+00	6.99E-06
523	ALL	463253.4	3773285	NonCancer	0.00E+00	2.48E-07	1.49E-05	0.00E+00	0.00E+00	1.50E-05	7.72E-06	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	1.50E-05
524	ALL	463250.3	3773293	NonCancer	0.00E+00	1.99E-07	1.20E-05	0.00E+00	0.00E+00	1.21E-05	6.20E-06	0.00E+00	9.47E-06	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.21E-05
525	ALL	463247.1	3773302	NonCancer	0.00E+00	1.68E-07	1.01E-05	0.00E+00	0.00E+00	1.02E-05	5.25E-06	0.00E+00	8.02E-06	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.02E-05
526	ALL	463243.9	3773310	NonCancer	0.00E+00	1.45E-07	8.73E-06	0.00E+00	0.00E+00	8.80E-06	4.52E-06	0.00E+00	6.91E-06	0.00E+00	0.00E+00	8.73E-06	0.00E+00	0.00E+00	8.80E-06
527	ALL	463240.8	3773319	NonCancer	0.00E+00	1.27E-07	7.65E-06	0.00E+00	0.00E+00	7.71E-06	3.96E-06	0.00E+00	6.06E-06	0.00E+00	0.00E+00	7.65E-06	0.00E+00	0.00E+00	7.71E-06
528	ALL	463237.6	3773328	NonCancer	0.00E+00	1.17E-07	7.02E-06	0.00E+00	0.00E+00	7.08E-06	3.64E-06	0.00E+00	5.56E-06	0.00E+00	0.00E+00	7.02E-06	0.00E+00	0.00E+00	7.08E-06
529	ALL	463234.5	3773336	NonCancer	0.00E+00	1.11E-07	6.69E-06	0.00E+00	0.00E+00	6.74E-06	3.47E-06	0.00E+00	5.30E-06	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	6.74E-06
530	ALL	463231.3	3773345	NonCancer	0.00E+00	1.06E-07	6.38E-06	0.00E+00	0.00E+00	6.44E-06	3.31E-06	0.00E+00	5.06E-06	0.00E+00	0.00E+00	6.38E-06	0.00E+00	0.00E+00	6.44E-06
531	ALL	463228.2	3773353	NonCancer	0.00E+00	1.00E-07	6.03E-06	0.00E+00	0.00E+00	6.08E-06	3.13E-06	0.00E+00	4.78E-06	0.00E+00	0.00E+00	6.03E-06	0.00E+00	0.00E+00	6.08E-06
532	ALL	463225	3773362	NonCancer	0.00E+00	9.50E-08	5.72E-06	0.00E+00	0.00E+00	5.76E-06	2.96E-06	0.00E+00	4.53E-06	0.00E+00	0.00E+00	5.72E-06	0.00E+00	0.00E+00	5.76E-06
533	ALL	463221.9	3773370	NonCancer	0.00E+00	9.12E-08	5.49E-06	0.00E+00	0.00E+00	5.53E-06	2.84E-06	0.00E+00	4.35E-06	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	5.53E-06
534	ALL	463218.7	3773379	NonCancer	0.00E+00	8.82E-08	5.31E-06	0.00E+00	0.00E+00	5.35E-06	2.75E-06	0.00E+00	4.21E-06	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	5.35E-06
535	ALL	463215.6	3773387	NonCancer	0.00E+00	8.43E-08	5.08E-06	0.00E+00	0.00E+00	5.12E-06	2.63E-06	0.00E+00	4.02E-06	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	5.12E-06
536	ALL	463212.4	3773396	NonCancer	0.00E+00	7.90E-08	4.75E-06	0.00E+00	0.00E+00	4.79E-06	2.46E-06	0.00E+00	3.77E-06	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	4.79E-06
537	ALL	463209.2	3773404	NonCancer	0.00E+00	7.49E-08	4.51E-06	0.00E+00	0.00E+00	4.55E-06	2.34E-06	0.00E+00	3.57E-06	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	4.55E-06
538	ALL	463269.2	3773233	NonCancer	0.00E+00	2.56E-07	1.54E-05	0.00E+00	0.00E+00	1.55E-05	7.97E-06	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	1.55E-05

539	ALL	463269.1	3773224	NonCancer	0.00E+00	2.07E-07	1.25E-05	0.00E+00	0.00E+00	1.26E-05	6.47E-06	0.00E+00	9.89E-06	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.26E-05
540	ALL	463269.1	3773214	NonCancer	0.00E+00	1.77E-07	1.06E-05	0.00E+00	0.00E+00	1.07E-05	5.51E-06	0.00E+00	8.42E-06	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.07E-05
541	ALL	463269.1	3773205	NonCancer	0.00E+00	1.59E-07	9.56E-06	0.00E+00	0.00E+00	9.63E-06	4.95E-06	0.00E+00	7.57E-06	0.00E+00	0.00E+00	9.56E-06	0.00E+00	0.00E+00	9.63E-06
542	ALL	463269.1	3773195	NonCancer	0.00E+00	1.48E-07	8.89E-06	0.00E+00	0.00E+00	8.96E-06	4.61E-06	0.00E+00	7.04E-06	0.00E+00	0.00E+00	8.89E-06	0.00E+00	0.00E+00	8.96E-06
543	ALL	463269.1	3773186	NonCancer	0.00E+00	1.39E-07	8.35E-06	0.00E+00	0.00E+00	8.42E-06	4.33E-06	0.00E+00	6.61E-06	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	8.42E-06
544	ALL	463269.1	3773176	NonCancer	0.00E+00	1.32E-07	7.94E-06	0.00E+00	0.00E+00	8.01E-06	4.12E-06	0.00E+00	6.29E-06	0.00E+00	0.00E+00	7.94E-06	0.00E+00	0.00E+00	8.01E-06
545	ALL	463269	3773167	NonCancer	0.00E+00	1.25E-07	7.53E-06	0.00E+00	0.00E+00	7.59E-06	3.90E-06	0.00E+00	5.96E-06	0.00E+00	0.00E+00	7.53E-06	0.00E+00	0.00E+00	7.59E-06
546	ALL	463269	3773158	NonCancer	0.00E+00	1.19E-07	7.16E-06	0.00E+00	0.00E+00	7.22E-06	3.71E-06	0.00E+00	5.67E-06	0.00E+00	0.00E+00	7.16E-06	0.00E+00	0.00E+00	7.22E-06
547	ALL	463269	3773148	NonCancer	0.00E+00	1.15E-07	6.93E-06	0.00E+00	0.00E+00	6.98E-06	3.59E-06	0.00E+00	5.49E-06	0.00E+00	0.00E+00	6.93E-06	0.00E+00	0.00E+00	6.98E-06
548	ALL	463273	3773286	NonCancer	0.00E+00	2.44E-07	1.47E-05	0.00E+00	0.00E+00	1.48E-05	7.61E-06	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.48E-05
549	ALL	463269.8	3773295	NonCancer	0.00E+00	1.97E-07	1.19E-05	0.00E+00	0.00E+00	1.20E-05	6.15E-06	0.00E+00	9.40E-06	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	1.20E-05
550	ALL	463266.5	3773303	NonCancer	0.00E+00	1.67E-07	1.01E-05	0.00E+00	0.00E+00	1.01E-05	5.21E-06	0.00E+00	7.97E-06	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.01E-05
551	ALL	463263.3	3773312	NonCancer	0.00E+00	1.45E-07	8.74E-06	0.00E+00	0.00E+00	8.81E-06	4.53E-06	0.00E+00	6.92E-06	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	8.81E-06
552	ALL	463260.1	3773321	NonCancer	0.00E+00	1.28E-07	7.68E-06	0.00E+00	0.00E+00	7.74E-06	3.98E-06	0.00E+00	6.08E-06	0.00E+00	0.00E+00	7.68E-06	0.00E+00	0.00E+00	7.74E-06
553	ALL	463256.8	3773330	NonCancer	0.00E+00	1.14E-07	6.88E-06	0.00E+00	0.00E+00	6.94E-06	3.57E-06	0.00E+00	5.45E-06	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.94E-06
554	ALL	463253.6	3773338	NonCancer	0.00E+00	1.08E-07	6.51E-06	0.00E+00	0.00E+00	6.57E-06	3.38E-06	0.00E+00	5.16E-06	0.00E+00	0.00E+00	6.51E-06	0.00E+00	0.00E+00	6.57E-06
555	ALL	463250.4	3773347	NonCancer	0.00E+00	1.04E-07	6.25E-06	0.00E+00	0.00E+00	6.30E-06	3.24E-06	0.00E+00	4.95E-06	0.00E+00	0.00E+00	6.25E-06	0.00E+00	0.00E+00	6.30E-06
556	ALL	463247.1	3773356	NonCancer	0.00E+00	9.99E-08	6.02E-06	0.00E+00	0.00E+00	6.06E-06	3.12E-06	0.00E+00	4.77E-06	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	6.06E-06
557	ALL	463243.9	3773365	NonCancer	0.00E+00	9.54E-08	5.74E-06	0.00E+00	0.00E+00	5.79E-06	2.98E-06	0.00E+00	4.55E-06	0.00E+00	0.00E+00	5.74E-06	0.00E+00	0.00E+00	5.79E-06
558	ALL	463240.6	3773373	NonCancer	0.00E+00	9.19E-08	5.53E-06	0.00E+00	0.00E+00	5.57E-06	2.87E-06	0.00E+00	4.38E-06	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	5.57E-06
559	ALL	463237.4	3773382	NonCancer	0.00E+00	8.88E-08	5.35E-06	0.00E+00	0.00E+00	5.39E-06	2.77E-06	0.00E+00	4.24E-06	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	5.39E-06
560	ALL	463234.2	3773391	NonCancer	0.00E+00	8.44E-08	5.08E-06	0.00E+00	0.00E+00	5.12E-06	2.63E-06	0.00E+00	4.02E-06	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	5.12E-06
561	ALL	463230.9	3773400	NonCancer	0.00E+00	8.00E-08	4.82E-06	0.00E+00	0.00E+00	4.86E-06	2.50E-06	0.00E+00	3.82E-06	0.00E+00	0.00E+00	4.82E-06	0.00E+00	0.00E+00	4.86E-06
562	ALL	463227.7	3773408	NonCancer	0.00E+00	7.51E-08	4.52E-06	0.00E+00	0.00E+00	4.56E-06	2.34E-06	0.00E+00	3.58E-06	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	4.56E-06
563	ALL	463224.5	3773417	NonCancer	0.00E+00	7.11E-08	4.28E-06	0.00E+00	0.00E+00	4.31E-06	2.22E-06	0.00E+00	3.39E-06	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	4.31E-06
564	ALL	463289.2	3773233	NonCancer	0.00E+00	2.55E-07	1.53E-05	0.00E+00	0.00E+00	1.55E-05	7.94E-06	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.55E-05
565	ALL	463289.1	3773223	NonCancer	0.00E+00	2.07E-07	1.25E-05	0.00E+00	0.00E+00	1.26E-05	6.45E-06	0.00E+00	9.86E-06	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.26E-05
566	ALL	463289.1	3773214	NonCancer	0.00E+00	1.77E-07	1.06E-05	0.00E+00	0.00E+00	1.07E-05	5.51E-06	0.00E+00	8.42E-06	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.07E-05
567	ALL	463289.1	3773205	NonCancer	0.00E+00	1.59E-07	9.56E-06	0.00E+00	0.00E+00	9.64E-06	4.96E-06	0.00E+00	7.57E-06	0.00E+00	0.00E+00	9.56E-06	0.00E+00	0.00E+00	9.64E-06
568	ALL	463289.1	3773195	NonCancer	0.00E+00	1.48E-07	8.89E-06	0.00E+00	0.00E+00	8.96E-06	4.60E-06	0.00E+00	7.04E-06	0.00E+00	0.00E+00	8.89E-06	0.00E+00	0.00E+00	8.96E-06
569	ALL	463289.1	3773186	NonCancer	0.00E+00	1.39E-07	8.37E-06	0.00E+00	0.00E+00	8.44E-06	4.34E-06	0.00E+00	6.63E-06	0.00E+00	0.00E+00	8.37E-06	0.00E+00	0.00E+00	8.44E-06
570	ALL	463289.1	3773176	NonCancer	0.00E+00	1.33E-07	7.98E-06	0.00E+00	0.00E+00	8.04E-06	4.14E-06	0.00E+00	6.32E-06	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	8.04E-06
571	ALL	463289	3773167	NonCancer	0.00E+00	1.26E-07	7.58E-06	0.00E+00	0.00E+00	7.64E-06	3.93E-06	0.00E+00	6.00E-06	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	7.64E-06
572	ALL	463289	3773158	NonCancer	0.00E+00	1.20E-07	7.24E-06	0.00E+00	0.00E+00	7.30E-06	3.75E-06	0.00E+00	5.74E-06	0.00E+00	0.00E+00	7.24E-06	0.00E+00	0.00E+00	7.30E-06
573	ALL	463289	3773148	NonCancer	0.00E+00	1.16E-07	6.99E-06	0.00E+00	0.00E+00	7.05E-06	3.62E-06	0.00E+00	5.54E-06	0.00E+00	0.00E+00	6.99E-06	0.00E+00	0.00E+00	7.05E-06
574	ALL	463293.4	3773285	NonCancer	0.00E+00	2.57E-07	1.55E-05	0.00E+00	0.00E+00	1.56E-05	8.01E-06	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.56E-05
575	ALL	463290.2	3773294	NonCancer	0.00E+00	2.08E-07	1.25E-05	0.00E+00	0.00E+00	1.26E-05	6.49E-06	0.00E+00	9.92E-06	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.26E-05
576	ALL	463287	3773302	NonCancer	0.00E+00	1.77E-07	1.06E-05	0.00E+00	0.00E+00	1.07E-05	5.51E-06	0.00E+00	8.42E-06	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.07E-05
577	ALL	463283.9	3773311	NonCancer	0.00E+00	1.54E-07	9.25E-06	0.00E+00	0.00E+00	9.33E-06	4.79E-06	0.00E+00	7.33E-06	0.00E+00	0.00E+00	9.25E-06	0.00E+00	0.00E+00	9.33E-06
578	ALL	463280.7	3773319	NonCancer	0.00E+00	1.36E-07	8.18E-06	0.00E+00	0.00E+00	8.24E-06	4.24E-06	0.00E+00	6.48E-06	0.00E+00	0.00E+00	8.18E-06	0.00E+00	0.00E+00	8.24E-06
579	ALL	463277.5	3773328	NonCancer	0.00E+00	1.21E-07	7.30E-06	0.00E+00	0.00E+00	7.36E-06	3.78E-06	0.00E+00	5.78E-06	0.00E+00	0.00E+00	7.30E-06	0.00E+00	0.00E+00	7.36E-06
580	ALL	463274.4	3773336	NonCancer	0.00E+00	1.10E-07	6.63E-06	0.00E+00	0.00E+00	6.68E-06	3.44E-06	0.00E+00	5.25E-06	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	6.68E-06
581	ALL	463271.2	3773345	NonCancer	0.00E+00	1.05E-07	6.31E-06	0.00E+00	0.00E+00	6.37E-06	3.27E-06	0.00E+00	5.00E-06	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	6.37E-06
582	ALL	463268	3773353	NonCancer	0.00E+00	1.01E-07	6.05E-06	0.00E+00	0.00E+00	6.10E-06	3.14E-06	0.00E+00	4.80E-06	0.00E+00	0.00E+00	6.05E-06	0.00E+00	0.00E+00	6.10E-06
583	ALL	463264.9	3773362	NonCancer	0.00E+00	9.79E-08	5.89E-06	0.00E+00	0.00E+00	5.94E-06	3.05E-06	0.00E+00	4.67E-06	0.00E+00	0.00E+00	5.89E-06	0.00E+00	0.00E+00	5.94E-06
584	ALL	463261.7	3773370	NonCancer	0.00E+00	9.52E-08	5.73E-06	0.00E+00	0.00E+00	5.78E-06	2.97E-06	0.00E+00	4.54E-06	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	5.78E-06
585	ALL	463258.5	3773379	NonCancer	0.00E+00	9.17E-08	5.52E-06	0.00E+00	0.00E+00	5.57E-06	2.86E-06	0.00E+00	4.37E-06	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	5.57E-06
586	ALL	463255.4	3773388	NonCancer	0.00E+00	8.83E-08	5.31E-06	0.00E+00	0.00E+00	5.36E-06	2.75E-06	0.00E+00	4.21E-06	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	5.36E-06
587	ALL	463252.2	3773396	NonCancer	0.00E+00	8.45E-08	5.08E-06	0.00E+00	0.00E+00	5.12E-06	2.63E-06	0.00E+00	4.03E-06	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	5.12E-06
588	ALL	463249	3773405	NonCancer	0.00E+00	8.05E-08	4.84E-06	0.00E+00	0.00E+00	4.88E-06	2.51E-06	0.00E+00	3.84E-06	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	4.88E-06
589	ALL	463245.9	3773413	NonCancer	0.00E+00	7.67E-08	4.62E-06	0.00E+00	0.00E+00	4.65E-06	2.39E-06	0.00E+00	3.66E-06	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	4.65E-06
590	ALL	463242.7	3773422	NonCancer	0.00E+00	7.25E-08	4.37E-06	0.00E+00	0.00E+00	4.40E-06	2.26E-06	0.00E+00	3.46E-06	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	4.40E-06
591	ALL	463239.5	3773430	NonCancer	0.00E+00	6.90E-08	4.15E-06	0.00E+00	0.00E+00	4.19E-06	2.15E-06	0.00E+00	3.29E-06	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	4.19E-06
592	ALL	463309.2	3773233	NonCancer	0.00E+00	2.56E-07	1.54E-05	0.00E+00	0.00E+00	1.55E-05	7.99E-06	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	1.55E-05

593	ALL	463309.1	3773223	NonCancer	0.00E+00	2.09E-07	1.26E-05	0.00E+00	0.00E+00	1.27E-05	6.50E-06	0.00E+00	9.94E-06	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.27E-05
594	ALL	463309.1	3773214	NonCancer	0.00E+00	1.80E-07	1.08E-05	0.00E+00	0.00E+00	1.09E-05	5.60E-06	0.00E+00	8.56E-06	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.09E-05
595	ALL	463309.1	3773205	NonCancer	0.00E+00	1.61E-07	9.71E-06	0.00E+00	0.00E+00	9.79E-06	5.03E-06	0.00E+00	7.69E-06	0.00E+00	0.00E+00	9.71E-06	0.00E+00	0.00E+00	9.79E-06
596	ALL	463309.1	3773195	NonCancer	0.00E+00	1.50E-07	9.02E-06	0.00E+00	0.00E+00	9.09E-06	4.67E-06	0.00E+00	7.14E-06	0.00E+00	0.00E+00	9.02E-06	0.00E+00	0.00E+00	9.09E-06
597	ALL	463309.1	3773186	NonCancer	0.00E+00	1.42E-07	8.52E-06	0.00E+00	0.00E+00	8.59E-06	4.42E-06	0.00E+00	6.75E-06	0.00E+00	0.00E+00	8.52E-06	0.00E+00	0.00E+00	8.59E-06
598	ALL	463309.1	3773176	NonCancer	0.00E+00	1.35E-07	8.11E-06	0.00E+00	0.00E+00	8.18E-06	4.20E-06	0.00E+00	6.43E-06	0.00E+00	0.00E+00	8.11E-06	0.00E+00	0.00E+00	8.18E-06
599	ALL	463309	3773167	NonCancer	0.00E+00	1.28E-07	7.71E-06	0.00E+00	0.00E+00	7.77E-06	4.00E-06	0.00E+00	6.11E-06	0.00E+00	0.00E+00	7.71E-06	0.00E+00	0.00E+00	7.77E-06
600	ALL	463309	3773157	NonCancer	0.00E+00	1.23E-07	7.38E-06	0.00E+00	0.00E+00	7.44E-06	3.83E-06	0.00E+00	5.85E-06	0.00E+00	0.00E+00	7.38E-06	0.00E+00	0.00E+00	7.44E-06
601	ALL	463309	3773148	NonCancer	0.00E+00	1.18E-07	7.11E-06	0.00E+00	0.00E+00	7.17E-06	3.68E-06	0.00E+00	5.63E-06	0.00E+00	0.00E+00	7.11E-06	0.00E+00	0.00E+00	7.17E-06
602	ALL	463323.2	3773285	NonCancer	0.00E+00	2.64E-07	1.59E-05	0.00E+00	0.00E+00	1.60E-05	8.23E-06	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	1.60E-05
603	ALL	463320	3773294	NonCancer	0.00E+00	2.14E-07	1.29E-05	0.00E+00	0.00E+00	1.30E-05	6.67E-06	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.30E-05
604	ALL	463316.8	3773303	NonCancer	0.00E+00	1.84E-07	1.11E-05	0.00E+00	0.00E+00	1.12E-05	5.74E-06	0.00E+00	8.78E-06	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.12E-05
605	ALL	463313.6	3773311	NonCancer	0.00E+00	1.63E-07	9.82E-06	0.00E+00	0.00E+00	9.90E-06	5.09E-06	0.00E+00	7.78E-06	0.00E+00	0.00E+00	9.82E-06	0.00E+00	0.00E+00	9.90E-06
606	ALL	463310.4	3773320	NonCancer	0.00E+00	1.45E-07	8.71E-06	0.00E+00	0.00E+00	8.78E-06	4.51E-06	0.00E+00	6.90E-06	0.00E+00	0.00E+00	8.71E-06	0.00E+00	0.00E+00	8.78E-06
607	ALL	463307.2	3773329	NonCancer	0.00E+00	1.30E-07	7.82E-06	0.00E+00	0.00E+00	7.89E-06	4.05E-06	0.00E+00	6.20E-06	0.00E+00	0.00E+00	7.82E-06	0.00E+00	0.00E+00	7.89E-06
608	ALL	463303.9	3773337	NonCancer	0.00E+00	1.17E-07	7.06E-06	0.00E+00	0.00E+00	7.11E-06	3.66E-06	0.00E+00	5.59E-06	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	7.11E-06
609	ALL	463300.7	3773346	NonCancer	0.00E+00	1.08E-07	6.49E-06	0.00E+00	0.00E+00	6.54E-06	3.36E-06	0.00E+00	5.14E-06	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	6.54E-06
610	ALL	463297.5	3773355	NonCancer	0.00E+00	1.02E-07	6.16E-06	0.00E+00	0.00E+00	6.21E-06	3.19E-06	0.00E+00	4.88E-06	0.00E+00	0.00E+00	6.16E-06	0.00E+00	0.00E+00	6.21E-06
611	ALL	463294.3	3773363	NonCancer	0.00E+00	9.91E-08	5.96E-06	0.00E+00	0.00E+00	6.01E-06	3.09E-06	0.00E+00	4.73E-06	0.00E+00	0.00E+00	5.96E-06	0.00E+00	0.00E+00	6.01E-06
612	ALL	463291.1	3773372	NonCancer	0.00E+00	9.62E-08	5.79E-06	0.00E+00	0.00E+00	5.83E-06	3.00E-06	0.00E+00	4.59E-06	0.00E+00	0.00E+00	5.79E-06	0.00E+00	0.00E+00	5.83E-06
613	ALL	463287.9	3773381	NonCancer	0.00E+00	9.46E-08	5.70E-06	0.00E+00	0.00E+00	5.74E-06	2.95E-06	0.00E+00	4.51E-06	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	5.74E-06
614	ALL	463284.7	3773389	NonCancer	0.00E+00	9.10E-08	5.47E-06	0.00E+00	0.00E+00	5.52E-06	2.84E-06	0.00E+00	4.34E-06	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	5.52E-06
615	ALL	463281.5	3773398	NonCancer	0.00E+00	8.64E-08	5.20E-06	0.00E+00	0.00E+00	5.24E-06	2.70E-06	0.00E+00	4.12E-06	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	5.24E-06
616	ALL	463278.3	3773406	NonCancer	0.00E+00	8.34E-08	5.02E-06	0.00E+00	0.00E+00	5.06E-06	2.60E-06	0.00E+00	3.98E-06	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	5.06E-06
617	ALL	463275.1	3773415	NonCancer	0.00E+00	8.00E-08	4.82E-06	0.00E+00	0.00E+00	4.85E-06	2.50E-06	0.00E+00	3.82E-06	0.00E+00	0.00E+00	4.82E-06	0.00E+00	0.00E+00	4.85E-06
618	ALL	463271.9	3773424	NonCancer	0.00E+00	7.66E-08	4.61E-06	0.00E+00	0.00E+00	4.65E-06	2.39E-06	0.00E+00	3.65E-06	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	4.65E-06
619	ALL	463268.7	3773432	NonCancer	0.00E+00	7.35E-08	4.42E-06	0.00E+00	0.00E+00	4.46E-06	2.29E-06	0.00E+00	3.50E-06	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	4.46E-06
620	ALL	463265.5	3773441	NonCancer	0.00E+00	6.97E-08	4.20E-06	0.00E+00	0.00E+00	4.23E-06	2.18E-06	0.00E+00	3.33E-06	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	4.23E-06
621	ALL	463262.3	3773450	NonCancer	0.00E+00	6.63E-08	3.99E-06	0.00E+00	0.00E+00	4.02E-06	2.07E-06	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	4.02E-06
622	ALL	463339.2	3773233	NonCancer	0.00E+00	2.63E-07	1.59E-05	0.00E+00	0.00E+00	1.60E-05	8.21E-06	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	1.60E-05
623	ALL	463339.1	3773223	NonCancer	0.00E+00	2.17E-07	1.31E-05	0.00E+00	0.00E+00	1.32E-05	6.77E-06	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.32E-05
624	ALL	463339.1	3773214	NonCancer	0.00E+00	1.88E-07	1.13E-05	0.00E+00	0.00E+00	1.14E-05	5.88E-06	0.00E+00	8.98E-06	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.14E-05
625	ALL	463339.1	3773205	NonCancer	0.00E+00	1.69E-07	1.02E-05	0.00E+00	0.00E+00	1.02E-05	5.26E-06	0.00E+00	8.05E-06	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.02E-05
626	ALL	463339.1	3773195	NonCancer	0.00E+00	1.56E-07	9.38E-06	0.00E+00	0.00E+00	9.46E-06	4.86E-06	0.00E+00	7.43E-06	0.00E+00	0.00E+00	9.38E-06	0.00E+00	0.00E+00	9.46E-06
627	ALL	463339.1	3773186	NonCancer	0.00E+00	1.47E-07	8.83E-06	0.00E+00	0.00E+00	8.90E-06	4.57E-06	0.00E+00	6.99E-06	0.00E+00	0.00E+00	8.83E-06	0.00E+00	0.00E+00	8.90E-06
628	ALL	463339.1	3773176	NonCancer	0.00E+00	1.39E-07	8.35E-06	0.00E+00	0.00E+00	8.42E-06	4.33E-06	0.00E+00	6.61E-06	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	8.42E-06
629	ALL	463339	3773167	NonCancer	0.00E+00	1.33E-07	8.00E-06	0.00E+00	0.00E+00	8.07E-06	4.15E-06	0.00E+00	6.34E-06	0.00E+00	0.00E+00	8.00E-06	0.00E+00	0.00E+00	8.07E-06
630	ALL	463339	3773157	NonCancer	0.00E+00	1.28E-07	7.74E-06	0.00E+00	0.00E+00	7.80E-06	4.01E-06	0.00E+00	6.13E-06	0.00E+00	0.00E+00	7.74E-06	0.00E+00	0.00E+00	7.80E-06
631	ALL	463339	3773148	NonCancer	0.00E+00	1.24E-07	7.45E-06	0.00E+00	0.00E+00	7.51E-06	3.86E-06	0.00E+00	5.90E-06	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	7.51E-06
632	ALL	463353	3773286	NonCancer	0.00E+00	2.79E-07	1.68E-05	0.00E+00	0.00E+00	1.69E-05	8.70E-06	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	1.69E-05
633	ALL	463349.8	3773295	NonCancer	0.00E+00	2.29E-07	1.38E-05	0.00E+00	0.00E+00	1.39E-05	7.14E-06	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.39E-05
634	ALL	463346.5	3773303	NonCancer	0.00E+00	1.99E-07	1.20E-05	0.00E+00	0.00E+00	1.21E-05	6.20E-06	0.00E+00	9.48E-06	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.21E-05
635	ALL	463343.3	3773312	NonCancer	0.00E+00	1.78E-07	1.07E-05	0.00E+00	0.00E+00	1.08E-05	5.54E-06	0.00E+00	8.47E-06	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.08E-05
636	ALL	463340.1	3773321	NonCancer	0.00E+00	1.61E-07	9.69E-06	0.00E+00	0.00E+00	9.77E-06	5.02E-06	0.00E+00	7.67E-06	0.00E+00	0.00E+00	9.69E-06	0.00E+00	0.00E+00	9.77E-06
637	ALL	463336.8	3773329	NonCancer	0.00E+00	1.45E-07	8.71E-06	0.00E+00	0.00E+00	8.78E-06	4.51E-06	0.00E+00	6.90E-06	0.00E+00	0.00E+00	8.71E-06	0.00E+00	0.00E+00	8.78E-06
638	ALL	463333.6	3773338	NonCancer	0.00E+00	1.30E-07	7.84E-06	0.00E+00	0.00E+00	7.91E-06	4.06E-06	0.00E+00	6.21E-06	0.00E+00	0.00E+00	7.84E-06	0.00E+00	0.00E+00	7.91E-06
639	ALL	463330.4	3773347	NonCancer	0.00E+00	1.18E-07	7.13E-06	0.00E+00	0.00E+00	7.19E-06	3.70E-06	0.00E+00	5.65E-06	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	7.19E-06
640	ALL	463327.1	3773356	NonCancer	0.00E+00	1.10E-07	6.61E-06	0.00E+00	0.00E+00	6.66E-06	3.42E-06	0.00E+00	5.23E-06	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	6.66E-06
641	ALL	463323.9	3773364	NonCancer	0.00E+00	1.04E-07	6.26E-06	0.00E+00	0.00E+00	6.31E-06	3.25E-06	0.00E+00	4.96E-06	0.00E+00	0.00E+00	6.26E-06	0.00E+00	0.00E+00	6.31E-06
642	ALL	463320.6	3773373	NonCancer	0.00E+00	1.01E-07	6.08E-06	0.00E+00	0.00E+00	6.12E-06	3.15E-06	0.00E+00	4.81E-06	0.00E+00	0.00E+00	6.08E-06	0.00E+00	0.00E+00	6.12E-06
643	ALL	463317.4	3773382	NonCancer	0.00E+00	9.76E-08	5.88E-06	0.00E+00	0.00E+00	5.92E-06	3.05E-06	0.00E+00	4.66E-06	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	5.92E-06
644	ALL	463314.2	3773391	NonCancer	0.00E+00	9.43E-08	5.68E-06	0.00E+00	0.00E+00	5.72E-06	2.94E-06	0.00E+00	4.50E-06	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	5.72E-06
645	ALL	463310.9	3773399	NonCancer	0.00E+00	9.13E-08	5.50E-06	0.00E+00	0.00E+00	5.54E-06	2.85E-06	0.00E+00	4.36E-06	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	5.54E-06
646	ALL	463307.7	3773408	NonCancer	0.00E+00	8.78E-08	5.28E-06	0.00E+00	0.00E+00	5.32E-06	2.74E-06	0.00E+00	4.18E-06	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	5.32E-06

647	ALL	463304.5	3773417	NonCancer	0.00E+00	8.40E-08	5.06E-06	0.00E+00	0.00E+00	5.10E-06	2.62E-06	0.00E+00	4.01E-06	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	5.10E-06
648	ALL	463301.2	3773426	NonCancer	0.00E+00	8.17E-08	4.92E-06	0.00E+00	0.00E+00	4.96E-06	2.55E-06	0.00E+00	3.90E-06	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	4.96E-06
649	ALL	463298	3773434	NonCancer	0.00E+00	7.88E-08	4.74E-06	0.00E+00	0.00E+00	4.78E-06	2.46E-06	0.00E+00	3.76E-06	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	4.78E-06
650	ALL	463294.8	3773443	NonCancer	0.00E+00	7.55E-08	4.54E-06	0.00E+00	0.00E+00	4.58E-06	2.36E-06	0.00E+00	3.60E-06	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	4.58E-06
651	ALL	463291.5	3773452	NonCancer	0.00E+00	7.25E-08	4.37E-06	0.00E+00	0.00E+00	4.40E-06	2.26E-06	0.00E+00	3.46E-06	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	4.40E-06
652	ALL	463369.2	3773233	NonCancer	0.00E+00	2.77E-07	1.67E-05	0.00E+00	0.00E+00	1.68E-05	8.65E-06	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	1.68E-05
653	ALL	463369.1	3773223	NonCancer	0.00E+00	2.28E-07	1.37E-05	0.00E+00	0.00E+00	1.38E-05	7.10E-06	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.38E-05
654	ALL	463369.1	3773214	NonCancer	0.00E+00	1.97E-07	1.19E-05	0.00E+00	0.00E+00	1.19E-05	6.14E-06	0.00E+00	9.38E-06	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	1.19E-05
655	ALL	463369.1	3773204	NonCancer	0.00E+00	1.77E-07	1.07E-05	0.00E+00	0.00E+00	1.08E-05	5.53E-06	0.00E+00	8.45E-06	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.08E-05
656	ALL	463369.1	3773195	NonCancer	0.00E+00	1.65E-07	9.92E-06	0.00E+00	0.00E+00	1.00E-05	5.14E-06	0.00E+00	7.86E-06	0.00E+00	0.00E+00	9.92E-06	0.00E+00	0.00E+00	1.00E-05
657	ALL	463369.1	3773186	NonCancer	0.00E+00	1.56E-07	9.39E-06	0.00E+00	0.00E+00	9.46E-06	4.86E-06	0.00E+00	7.44E-06	0.00E+00	0.00E+00	9.39E-06	0.00E+00	0.00E+00	9.46E-06
658	ALL	463369.1	3773176	NonCancer	0.00E+00	1.49E-07	8.95E-06	0.00E+00	0.00E+00	9.03E-06	4.64E-06	0.00E+00	7.09E-06	0.00E+00	0.00E+00	8.95E-06	0.00E+00	0.00E+00	9.03E-06
659	ALL	463369	3773167	NonCancer	0.00E+00	1.42E-07	8.55E-06	0.00E+00	0.00E+00	8.62E-06	4.43E-06	0.00E+00	6.77E-06	0.00E+00	0.00E+00	8.55E-06	0.00E+00	0.00E+00	8.62E-06
660	ALL	463369	3773157	NonCancer	0.00E+00	1.36E-07	8.19E-06	0.00E+00	0.00E+00	8.26E-06	4.24E-06	0.00E+00	6.49E-06	0.00E+00	0.00E+00	8.19E-06	0.00E+00	0.00E+00	8.26E-06
661	ALL	463369	3773148	NonCancer	0.00E+00	1.30E-07	7.81E-06	0.00E+00	0.00E+00	7.87E-06	4.05E-06	0.00E+00	6.19E-06	0.00E+00	0.00E+00	7.81E-06	0.00E+00	0.00E+00	7.87E-06
662	ALL	463382.9	3773286	NonCancer	0.00E+00	3.24E-07	1.95E-05	0.00E+00	0.00E+00	1.97E-05	1.01E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	1.97E-05
663	ALL	463379.6	3773295	NonCancer	0.00E+00	2.67E-07	1.61E-05	0.00E+00	0.00E+00	1.62E-05	8.32E-06	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	1.62E-05
664	ALL	463376.3	3773304	NonCancer	0.00E+00	2.31E-07	1.39E-05	0.00E+00	0.00E+00	1.40E-05	7.19E-06	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.40E-05
665	ALL	463373.1	3773313	NonCancer	0.00E+00	2.05E-07	1.23E-05	0.00E+00	0.00E+00	1.24E-05	6.39E-06	0.00E+00	9.77E-06	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	1.24E-05
666	ALL	463369.8	3773321	NonCancer	0.00E+00	1.86E-07	1.12E-05	0.00E+00	0.00E+00	1.13E-05	5.79E-06	0.00E+00	8.85E-06	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.13E-05
667	ALL	463366.5	3773330	NonCancer	0.00E+00	1.68E-07	1.01E-05	0.00E+00	0.00E+00	1.02E-05	5.23E-06	0.00E+00	7.99E-06	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.02E-05
668	ALL	463363.3	3773339	NonCancer	0.00E+00	1.51E-07	9.08E-06	0.00E+00	0.00E+00	9.15E-06	4.70E-06	0.00E+00	7.19E-06	0.00E+00	0.00E+00	9.08E-06	0.00E+00	0.00E+00	9.15E-06
669	ALL	463360	3773348	NonCancer	0.00E+00	1.36E-07	8.19E-06	0.00E+00	0.00E+00	8.25E-06	4.24E-06	0.00E+00	6.48E-06	0.00E+00	0.00E+00	8.19E-06	0.00E+00	0.00E+00	8.25E-06
670	ALL	463356.8	3773357	NonCancer	0.00E+00	1.24E-07	7.49E-06	0.00E+00	0.00E+00	7.55E-06	3.88E-06	0.00E+00	5.94E-06	0.00E+00	0.00E+00	7.49E-06	0.00E+00	0.00E+00	7.55E-06
671	ALL	463353.5	3773365	NonCancer	0.00E+00	1.16E-07	7.00E-06	0.00E+00	0.00E+00	7.05E-06	3.63E-06	0.00E+00	5.54E-06	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	7.05E-06
672	ALL	463350.2	3773374	NonCancer	0.00E+00	1.11E-07	6.67E-06	0.00E+00	0.00E+00	6.72E-06	3.46E-06	0.00E+00	5.28E-06	0.00E+00	0.00E+00	6.67E-06	0.00E+00	0.00E+00	6.72E-06
673	ALL	463347	3773383	NonCancer	0.00E+00	1.07E-07	6.44E-06	0.00E+00	0.00E+00	6.49E-06	3.34E-06	0.00E+00	5.10E-06	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	6.49E-06
674	ALL	463343.7	3773392	NonCancer	0.00E+00	1.04E-07	6.25E-06	0.00E+00	0.00E+00	6.30E-06	3.24E-06	0.00E+00	4.95E-06	0.00E+00	0.00E+00	6.25E-06	0.00E+00	0.00E+00	6.30E-06
675	ALL	463340.4	3773401	NonCancer	0.00E+00	1.00E-07	6.04E-06	0.00E+00	0.00E+00	6.09E-06	3.13E-06	0.00E+00	4.78E-06	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.09E-06
676	ALL	463337.2	3773409	NonCancer	0.00E+00	9.69E-08	5.83E-06	0.00E+00	0.00E+00	5.88E-06	3.02E-06	0.00E+00	4.62E-06	0.00E+00	0.00E+00	5.83E-06	0.00E+00	0.00E+00	5.88E-06
677	ALL	463333.9	3773418	NonCancer	0.00E+00	9.37E-08	5.64E-06	0.00E+00	0.00E+00	5.68E-06	2.92E-06	0.00E+00	4.47E-06	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	5.68E-06
678	ALL	463330.6	3773427	NonCancer	0.00E+00	9.00E-08	5.41E-06	0.00E+00	0.00E+00	5.46E-06	2.81E-06	0.00E+00	4.29E-06	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	5.46E-06
679	ALL	463327.4	3773436	NonCancer	0.00E+00	8.66E-08	5.21E-06	0.00E+00	0.00E+00	5.25E-06	2.70E-06	0.00E+00	4.13E-06	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	5.25E-06
680	ALL	463324.1	3773445	NonCancer	0.00E+00	8.42E-08	5.07E-06	0.00E+00	0.00E+00	5.11E-06	2.63E-06	0.00E+00	4.02E-06	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	5.11E-06
681	ALL	463320.9	3773454	NonCancer	0.00E+00	8.16E-08	4.91E-06	0.00E+00	0.00E+00	4.95E-06	2.54E-06	0.00E+00	3.89E-06	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	4.95E-06
682	ALL	463399.2	3773233	NonCancer	0.00E+00	3.18E-07	1.92E-05	0.00E+00	0.00E+00	1.93E-05	9.92E-06	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	1.93E-05
683	ALL	463399.1	3773223	NonCancer	0.00E+00	2.72E-07	1.64E-05	0.00E+00	0.00E+00	1.65E-05	8.49E-06	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	1.65E-05
684	ALL	463399.1	3773214	NonCancer	0.00E+00	2.41E-07	1.45E-05	0.00E+00	0.00E+00	1.46E-05	7.51E-06	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.46E-05
685	ALL	463399.1	3773204	NonCancer	0.00E+00	2.18E-07	1.32E-05	0.00E+00	0.00E+00	1.33E-05	6.82E-06	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.33E-05
686	ALL	463399.1	3773195	NonCancer	0.00E+00	2.03E-07	1.22E-05	0.00E+00	0.00E+00	1.23E-05	6.32E-06	0.00E+00	9.66E-06	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.23E-05
687	ALL	463399.1	3773186	NonCancer	0.00E+00	1.91E-07	1.15E-05	0.00E+00	0.00E+00	1.16E-05	5.96E-06	0.00E+00	9.12E-06	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.16E-05
688	ALL	463399.1	3773176	NonCancer	0.00E+00	1.82E-07	1.10E-05	0.00E+00	0.00E+00	1.10E-05	5.67E-06	0.00E+00	8.67E-06	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
689	ALL	463399	3773167	NonCancer	0.00E+00	1.74E-07	1.05E-05	0.00E+00	0.00E+00	1.06E-05	5.43E-06	0.00E+00	8.30E-06	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.06E-05
690	ALL	463399	3773157	NonCancer	0.00E+00	1.68E-07	1.01E-05	0.00E+00	0.00E+00	1.02E-05	5.23E-06	0.00E+00	8.00E-06	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.02E-05
691	ALL	463399	3773148	NonCancer	0.00E+00	1.62E-07	9.77E-06	0.00E+00	0.00E+00	9.85E-06	5.06E-06	0.00E+00	7.74E-06	0.00E+00	0.00E+00	9.77E-06	0.00E+00	0.00E+00	9.85E-06
692	ALL	463403.7	3773311	NonCancer	0.00E+00	4.03E-07	2.43E-05	0.00E+00	0.00E+00	2.45E-05	1.26E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	2.45E-05
693	ALL	463400.5	3773319	NonCancer	0.00E+00	3.25E-07	1.95E-05	0.00E+00	0.00E+00	1.97E-05	1.01E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	1.97E-05
694	ALL	463397.3	3773328	NonCancer	0.00E+00	2.74E-07	1.65E-05	0.00E+00	0.00E+00	1.66E-05	8.55E-06	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	1.66E-05
695	ALL	463394.1	3773337	NonCancer	0.00E+00	2.36E-07	1.42E-05	0.00E+00	0.00E+00	1.43E-05	7.36E-06	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.43E-05
696	ALL	463391	3773345	NonCancer	0.00E+00	2.06E-07	1.24E-05	0.00E+00	0.00E+00	1.25E-05	6.43E-06	0.00E+00	9.83E-06	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.25E-05
697	ALL	463387.8	3773354	NonCancer	0.00E+00	1.82E-07	1.09E-05	0.00E+00	0.00E+00	1.10E-05	5.67E-06	0.00E+00	8.67E-06	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.10E-05
698	ALL	463384.6	3773362	NonCancer	0.00E+00	1.63E-07	9.80E-06	0.00E+00	0.00E+00	9.88E-06	5.08E-06	0.00E+00	7.76E-06	0.00E+00	0.00E+00	9.80E-06	0.00E+00	0.00E+00	9.88E-06
699	ALL	463381.4	3773371	NonCancer	0.00E+00	1.49E-07	8.96E-06	0.00E+00	0.00E+00	9.03E-06	4.64E-06	0.00E+00	7.10E-06	0.00E+00	0.00E+00	8.96E-06	0.00E+00	0.00E+00	9.03E-06
700	ALL	463378.2	3773380	NonCancer	0.00E+00	1.40E-07	8.40E-06	0.00E+00	0.00E+00	8.47E-06	4.35E-06	0.00E+00	6.66E-06	0.00E+00	0.00E+00	8.40E-06	0.00E+00	0.00E+00	8.47E-06

701	ALL	463375	3773388	NonCancer	0.00E+00	1.31E-07	7.90E-06	0.00E+00	0.00E+00	7.96E-06	4.09E-06	0.00E+00	6.26E-06	0.00E+00	0.00E+00	7.90E-06	0.00E+00	0.00E+00	7.96E-06
702	ALL	463371.9	3773397	NonCancer	0.00E+00	1.26E-07	7.56E-06	0.00E+00	0.00E+00	7.62E-06	3.92E-06	0.00E+00	5.99E-06	0.00E+00	0.00E+00	7.56E-06	0.00E+00	0.00E+00	7.62E-06
703	ALL	463368.7	3773405	NonCancer	0.00E+00	1.21E-07	7.27E-06	0.00E+00	0.00E+00	7.33E-06	3.77E-06	0.00E+00	5.76E-06	0.00E+00	0.00E+00	7.27E-06	0.00E+00	0.00E+00	7.33E-06
704	ALL	463365.5	3773414	NonCancer	0.00E+00	1.16E-07	6.99E-06	0.00E+00	0.00E+00	7.04E-06	3.62E-06	0.00E+00	5.53E-06	0.00E+00	0.00E+00	6.99E-06	0.00E+00	0.00E+00	7.04E-06
705	ALL	463362.3	3773423	NonCancer	0.00E+00	1.11E-07	6.69E-06	0.00E+00	0.00E+00	6.74E-06	3.47E-06	0.00E+00	5.30E-06	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	6.74E-06
706	ALL	463359.1	3773431	NonCancer	0.00E+00	1.07E-07	6.44E-06	0.00E+00	0.00E+00	6.49E-06	3.34E-06	0.00E+00	5.11E-06	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	6.49E-06
707	ALL	463355.9	3773440	NonCancer	0.00E+00	1.03E-07	6.19E-06	0.00E+00	0.00E+00	6.24E-06	3.21E-06	0.00E+00	4.90E-06	0.00E+00	0.00E+00	6.19E-06	0.00E+00	0.00E+00	6.24E-06
708	ALL	463352.7	3773448	NonCancer	0.00E+00	9.84E-08	5.92E-06	0.00E+00	0.00E+00	5.97E-06	3.07E-06	0.00E+00	4.69E-06	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	5.97E-06
709	ALL	463349.6	3773457	NonCancer	0.00E+00	9.57E-08	5.76E-06	0.00E+00	0.00E+00	5.81E-06	2.98E-06	0.00E+00	4.56E-06	0.00E+00	0.00E+00	5.76E-06	0.00E+00	0.00E+00	5.81E-06
710	ALL	463401.4	3773398	NonCancer	0.00E+00	2.67E-07	1.61E-05	0.00E+00	0.00E+00	1.62E-05	8.33E-06	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	1.62E-05
711	ALL	463398.2	3773407	NonCancer	0.00E+00	2.25E-07	1.35E-05	0.00E+00	0.00E+00	1.36E-05	7.00E-06	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.36E-05
712	ALL	463394.9	3773415	NonCancer	0.00E+00	1.97E-07	1.18E-05	0.00E+00	0.00E+00	1.19E-05	6.14E-06	0.00E+00	9.39E-06	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.19E-05
713	ALL	463391.7	3773424	NonCancer	0.00E+00	1.76E-07	1.06E-05	0.00E+00	0.00E+00	1.07E-05	5.49E-06	0.00E+00	8.40E-06	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.07E-05
714	ALL	463388.5	3773433	NonCancer	0.00E+00	1.60E-07	9.64E-06	0.00E+00	0.00E+00	9.72E-06	4.99E-06	0.00E+00	7.64E-06	0.00E+00	0.00E+00	9.64E-06	0.00E+00	0.00E+00	9.72E-06
715	ALL	463385.3	3773441	NonCancer	0.00E+00	1.47E-07	8.87E-06	0.00E+00	0.00E+00	8.94E-06	4.59E-06	0.00E+00	7.03E-06	0.00E+00	0.00E+00	8.87E-06	0.00E+00	0.00E+00	8.94E-06
716	ALL	463382.1	3773450	NonCancer	0.00E+00	1.37E-07	8.26E-06	0.00E+00	0.00E+00	8.33E-06	4.28E-06	0.00E+00	6.55E-06	0.00E+00	0.00E+00	8.26E-06	0.00E+00	0.00E+00	8.33E-06
717	ALL	463459.2	3773242	NonCancer	0.00E+00	2.03E-07	1.22E-05	0.00E+00	0.00E+00	1.23E-05	6.32E-06	0.00E+00	9.66E-06	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.23E-05
718	ALL	463459.2	3773233	NonCancer	0.00E+00	1.91E-07	1.15E-05	0.00E+00	0.00E+00	1.16E-05	5.96E-06	0.00E+00	9.11E-06	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.16E-05
719	ALL	463459.1	3773223	NonCancer	0.00E+00	1.74E-07	1.05E-05	0.00E+00	0.00E+00	1.06E-05	5.43E-06	0.00E+00	8.31E-06	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.06E-05
720	ALL	463459.1	3773214	NonCancer	0.00E+00	1.57E-07	9.46E-06	0.00E+00	0.00E+00	9.54E-06	4.90E-06	0.00E+00	7.49E-06	0.00E+00	0.00E+00	9.46E-06	0.00E+00	0.00E+00	9.54E-06
721	ALL	463459.1	3773204	NonCancer	0.00E+00	1.47E-07	8.85E-06	0.00E+00	0.00E+00	8.92E-06	4.58E-06	0.00E+00	7.00E-06	0.00E+00	0.00E+00	8.85E-06	0.00E+00	0.00E+00	8.92E-06
722	ALL	463459.1	3773195	NonCancer	0.00E+00	1.39E-07	8.38E-06	0.00E+00	0.00E+00	8.45E-06	4.34E-06	0.00E+00	6.63E-06	0.00E+00	0.00E+00	8.38E-06	0.00E+00	0.00E+00	8.45E-06
723	ALL	463459.1	3773185	NonCancer	0.00E+00	1.32E-07	7.96E-06	0.00E+00	0.00E+00	8.03E-06	4.12E-06	0.00E+00	6.30E-06	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	8.03E-06
724	ALL	463459.1	3773176	NonCancer	0.00E+00	1.26E-07	7.59E-06	0.00E+00	0.00E+00	7.65E-06	3.93E-06	0.00E+00	6.01E-06	0.00E+00	0.00E+00	7.59E-06	0.00E+00	0.00E+00	7.65E-06
725	ALL	463459	3773167	NonCancer	0.00E+00	1.20E-07	7.24E-06	0.00E+00	0.00E+00	7.30E-06	3.75E-06	0.00E+00	5.73E-06	0.00E+00	0.00E+00	7.24E-06	0.00E+00	0.00E+00	7.30E-06
726	ALL	463459	3773157	NonCancer	0.00E+00	1.15E-07	6.91E-06	0.00E+00	0.00E+00	6.97E-06	3.58E-06	0.00E+00	5.47E-06	0.00E+00	0.00E+00	6.91E-06	0.00E+00	0.00E+00	6.97E-06
727	ALL	463459	3773148	NonCancer	0.00E+00	1.09E-07	6.58E-06	0.00E+00	0.00E+00	6.63E-06	3.41E-06	0.00E+00	5.21E-06	0.00E+00	0.00E+00	6.58E-06	0.00E+00	0.00E+00	6.63E-06
728	ALL	463489.2	3773242	NonCancer	0.00E+00	1.41E-07	8.51E-06	0.00E+00	0.00E+00	8.57E-06	4.41E-06	0.00E+00	6.73E-06	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	8.57E-06
729	ALL	463489.2	3773232	NonCancer	0.00E+00	1.40E-07	8.43E-06	0.00E+00	0.00E+00	8.50E-06	4.37E-06	0.00E+00	6.67E-06	0.00E+00	0.00E+00	8.43E-06	0.00E+00	0.00E+00	8.50E-06
730	ALL	463489.1	3773223	NonCancer	0.00E+00	1.33E-07	8.02E-06	0.00E+00	0.00E+00	8.09E-06	4.16E-06	0.00E+00	6.35E-06	0.00E+00	0.00E+00	8.02E-06	0.00E+00	0.00E+00	8.09E-06
731	ALL	463489.1	3773214	NonCancer	0.00E+00	1.24E-07	7.49E-06	0.00E+00	0.00E+00	7.55E-06	3.88E-06	0.00E+00	5.93E-06	0.00E+00	0.00E+00	7.49E-06	0.00E+00	0.00E+00	7.55E-06
732	ALL	463489.1	3773204	NonCancer	0.00E+00	1.16E-07	6.95E-06	0.00E+00	0.00E+00	7.01E-06	3.60E-06	0.00E+00	5.51E-06	0.00E+00	0.00E+00	6.95E-06	0.00E+00	0.00E+00	7.01E-06
733	ALL	463489.1	3773195	NonCancer	0.00E+00	1.11E-07	6.66E-06	0.00E+00	0.00E+00	6.71E-06	3.45E-06	0.00E+00	5.27E-06	0.00E+00	0.00E+00	6.66E-06	0.00E+00	0.00E+00	6.71E-06
734	ALL	463489.1	3773185	NonCancer	0.00E+00	1.07E-07	6.45E-06	0.00E+00	0.00E+00	6.50E-06	3.34E-06	0.00E+00	5.11E-06	0.00E+00	0.00E+00	6.45E-06	0.00E+00	0.00E+00	6.50E-06
735	ALL	463489.1	3773176	NonCancer	0.00E+00	1.04E-07	6.26E-06	0.00E+00	0.00E+00	6.31E-06	3.24E-06	0.00E+00	4.95E-06	0.00E+00	0.00E+00	6.26E-06	0.00E+00	0.00E+00	6.31E-06
736	ALL	463489	3773167	NonCancer	0.00E+00	1.00E-07	6.04E-06	0.00E+00	0.00E+00	6.09E-06	3.13E-06	0.00E+00	4.79E-06	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.09E-06
737	ALL	463489	3773157	NonCancer	0.00E+00	9.69E-08	5.83E-06	0.00E+00	0.00E+00	5.88E-06	3.02E-06	0.00E+00	4.62E-06	0.00E+00	0.00E+00	5.83E-06	0.00E+00	0.00E+00	5.88E-06
738	ALL	463489	3773148	NonCancer	0.00E+00	9.30E-08	5.60E-06	0.00E+00	0.00E+00	5.65E-06	2.90E-06	0.00E+00	4.44E-06	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	5.65E-06
739	ALL	463519.2	3773242	NonCancer	0.00E+00	1.08E-07	6.53E-06	0.00E+00	0.00E+00	6.58E-06	3.38E-06	0.00E+00	5.17E-06	0.00E+00	0.00E+00	6.53E-06	0.00E+00	0.00E+00	6.58E-06
740	ALL	463519.2	3773232	NonCancer	0.00E+00	1.10E-07	6.62E-06	0.00E+00	0.00E+00	6.68E-06	3.43E-06	0.00E+00	5.24E-06	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	6.68E-06
741	ALL	463519.1	3773223	NonCancer	0.00E+00	1.07E-07	6.47E-06	0.00E+00	0.00E+00	6.52E-06	3.35E-06	0.00E+00	5.12E-06	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	6.52E-06
742	ALL	463519.1	3773214	NonCancer	0.00E+00	1.03E-07	6.18E-06	0.00E+00	0.00E+00	6.23E-06	3.20E-06	0.00E+00	4.89E-06	0.00E+00	0.00E+00	6.18E-06	0.00E+00	0.00E+00	6.23E-06
743	ALL	463519.1	3773204	NonCancer	0.00E+00	9.65E-08	5.81E-06	0.00E+00	0.00E+00	5.86E-06	3.01E-06	0.00E+00	4.60E-06	0.00E+00	0.00E+00	5.81E-06	0.00E+00	0.00E+00	5.86E-06
744	ALL	463519.1	3773195	NonCancer	0.00E+00	9.03E-08	5.44E-06	0.00E+00	0.00E+00	5.48E-06	2.82E-06	0.00E+00	4.31E-06	0.00E+00	0.00E+00	5.44E-06	0.00E+00	0.00E+00	5.48E-06
745	ALL	463519.1	3773185	NonCancer	0.00E+00	8.73E-08	5.26E-06	0.00E+00	0.00E+00	5.30E-06	2.72E-06	0.00E+00	4.16E-06	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	5.30E-06
746	ALL	463519.1	3773176	NonCancer	0.00E+00	8.61E-08	5.19E-06	0.00E+00	0.00E+00	5.23E-06	2.69E-06	0.00E+00	4.11E-06	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	5.23E-06
747	ALL	463519	3773166	NonCancer	0.00E+00	8.46E-08	5.10E-06	0.00E+00	0.00E+00	5.14E-06	2.64E-06	0.00E+00	4.04E-06	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	5.14E-06
748	ALL	463519	3773157	NonCancer	0.00E+00	8.30E-08	4.99E-06	0.00E+00	0.00E+00	5.03E-06	2.59E-06	0.00E+00	3.96E-06	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	5.03E-06
749	ALL	463519	3773148	NonCancer	0.00E+00	8.08E-08	4.86E-06	0.00E+00	0.00E+00	4.90E-06	2.52E-06	0.00E+00	3.85E-06	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	4.90E-06
750	ALL	463549.2	3773242	NonCancer	0.00E+00	8.73E-08	5.26E-06	0.00E+00	0.00E+00	5.30E-06	2.72E-06	0.00E+00	4.16E-06	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	5.30E-06
751	ALL	463549.2	3773232	NonCancer	0.00E+00	8.99E-08	5.41E-06	0.00E+00	0.00E+00	5.45E-06	2.80E-06	0.00E+00	4.28E-06	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	5.45E-06
752	ALL	463549.1	3773223	NonCancer	0.00E+00	8.96E-08	5.39E-06	0.00E+00	0.00E+00	5.44E-06	2.79E-06	0.00E+00	4.27E-06	0.00E+00	0.00E+00	5.39E-06	0.00E+00	0.00E+00	5.44E-06
753	ALL	463549.1	3773214	NonCancer	0.00E+00	8.73E-08	5.26E-06	0.00E+00	0.00E+00	5.30E-06	2.72E-06	0.00E+00	4.16E-06	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	5.30E-06
754	ALL	463549.1	3773204	NonCancer	0.00E+00	8.32E-08	5.01E-06	0.00E+00	0.00E+00	5.05E-06	2.60E-06	0.00E+00	3.97E-06	0.00E+00	0.00E+00	5.01E-06	0.00E+00	0.00E+00	5.05E-06

755	ALL	463549.1	3773195	NonCancer	0.00E+00	7.79E-08	4.69E-06	0.00E+00	0.00E+00	4.73E-06	2.43E-06	0.00E+00	3.71E-06	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	4.73E-06
756	ALL	463549.1	3773185	NonCancer	0.00E+00	7.34E-08	4.42E-06	0.00E+00	0.00E+00	4.45E-06	2.29E-06	0.00E+00	3.50E-06	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	4.45E-06
757	ALL	463549.1	3773176	NonCancer	0.00E+00	7.22E-08	4.34E-06	0.00E+00	0.00E+00	4.38E-06	2.25E-06	0.00E+00	3.44E-06	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	4.38E-06
758	ALL	463549	3773166	NonCancer	0.00E+00	7.20E-08	4.33E-06	0.00E+00	0.00E+00	4.37E-06	2.25E-06	0.00E+00	3.43E-06	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	4.37E-06
759	ALL	463549	3773157	NonCancer	0.00E+00	7.13E-08	4.30E-06	0.00E+00	0.00E+00	4.33E-06	2.23E-06	0.00E+00	3.40E-06	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	4.33E-06
760	ALL	463549	3773148	NonCancer	0.00E+00	7.01E-08	4.22E-06	0.00E+00	0.00E+00	4.25E-06	2.19E-06	0.00E+00	3.34E-06	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	4.25E-06
761	ALL	463579.2	3773242	NonCancer	0.00E+00	7.20E-08	4.34E-06	0.00E+00	0.00E+00	4.37E-06	2.25E-06	0.00E+00	3.43E-06	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	4.37E-06
762	ALL	463579.2	3773232	NonCancer	0.00E+00	7.49E-08	4.51E-06	0.00E+00	0.00E+00	4.55E-06	2.34E-06	0.00E+00	3.57E-06	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	4.55E-06
763	ALL	463579.1	3773223	NonCancer	0.00E+00	7.60E-08	4.58E-06	0.00E+00	0.00E+00	4.61E-06	2.37E-06	0.00E+00	3.62E-06	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	4.61E-06
764	ALL	463579.1	3773213	NonCancer	0.00E+00	7.53E-08	4.54E-06	0.00E+00	0.00E+00	4.57E-06	2.35E-06	0.00E+00	3.59E-06	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	4.57E-06
765	ALL	463579.1	3773204	NonCancer	0.00E+00	7.29E-08	4.39E-06	0.00E+00	0.00E+00	4.43E-06	2.27E-06	0.00E+00	3.48E-06	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	4.43E-06
766	ALL	463579.1	3773195	NonCancer	0.00E+00	6.90E-08	4.16E-06	0.00E+00	0.00E+00	4.19E-06	2.15E-06	0.00E+00	3.29E-06	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	4.19E-06
767	ALL	463579.1	3773185	NonCancer	0.00E+00	6.43E-08	3.87E-06	0.00E+00	0.00E+00	3.90E-06	2.01E-06	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	3.90E-06
768	ALL	463579.1	3773176	NonCancer	0.00E+00	6.15E-08	3.70E-06	0.00E+00	0.00E+00	3.73E-06	1.92E-06	0.00E+00	2.93E-06	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	3.73E-06
769	ALL	463579	3773166	NonCancer	0.00E+00	6.17E-08	3.71E-06	0.00E+00	0.00E+00	3.74E-06	1.92E-06	0.00E+00	2.94E-06	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	3.74E-06
770	ALL	463579	3773157	NonCancer	0.00E+00	6.18E-08	3.72E-06	0.00E+00	0.00E+00	3.75E-06	1.93E-06	0.00E+00	2.95E-06	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	3.75E-06
771	ALL	463579	3773148	NonCancer	0.00E+00	6.13E-08	3.69E-06	0.00E+00	0.00E+00	3.72E-06	1.91E-06	0.00E+00	2.92E-06	0.00E+00	0.00E+00	3.69E-06	0.00E+00	0.00E+00	3.72E-06
772	ALL	463609.2	3773242	NonCancer	0.00E+00	6.04E-08	3.64E-06	0.00E+00	0.00E+00	3.67E-06	1.88E-06	0.00E+00	2.88E-06	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	3.67E-06
773	ALL	463609.2	3773232	NonCancer	0.00E+00	6.35E-08	3.83E-06	0.00E+00	0.00E+00	3.86E-06	1.98E-06	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	3.86E-06
774	ALL	463609.1	3773223	NonCancer	0.00E+00	6.51E-08	3.92E-06	0.00E+00	0.00E+00	3.95E-06	2.03E-06	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	3.95E-06
775	ALL	463609.1	3773213	NonCancer	0.00E+00	6.56E-08	3.95E-06	0.00E+00	0.00E+00	3.98E-06	2.05E-06	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	3.98E-06
776	ALL	463609.1	3773204	NonCancer	0.00E+00	6.44E-08	3.88E-06	0.00E+00	0.00E+00	3.91E-06	2.01E-06	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	3.91E-06
777	ALL	463609.1	3773195	NonCancer	0.00E+00	6.17E-08	3.72E-06	0.00E+00	0.00E+00	3.75E-06	1.92E-06	0.00E+00	2.94E-06	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	3.75E-06
778	ALL	463609.1	3773185	NonCancer	0.00E+00	5.80E-08	3.49E-06	0.00E+00	0.00E+00	3.52E-06	1.81E-06	0.00E+00	2.77E-06	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	3.52E-06
779	ALL	463609.1	3773176	NonCancer	0.00E+00	5.39E-08	3.25E-06	0.00E+00	0.00E+00	3.27E-06	1.68E-06	0.00E+00	2.57E-06	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	3.27E-06
780	ALL	463609	3773166	NonCancer	0.00E+00	5.32E-08	3.20E-06	0.00E+00	0.00E+00	3.23E-06	1.66E-06	0.00E+00	2.54E-06	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	3.23E-06
781	ALL	463609	3773157	NonCancer	0.00E+00	5.38E-08	3.24E-06	0.00E+00	0.00E+00	3.27E-06	1.68E-06	0.00E+00	2.57E-06	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	3.27E-06
782	ALL	463609	3773147	NonCancer	0.00E+00	5.39E-08	3.25E-06	0.00E+00	0.00E+00	3.27E-06	1.68E-06	0.00E+00	2.57E-06	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	3.27E-06
783	ALL	463649.2	3773232	NonCancer	0.00E+00	5.18E-08	3.12E-06	0.00E+00	0.00E+00	3.15E-06	1.62E-06	0.00E+00	2.47E-06	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.15E-06
784	ALL	463649.1	3773223	NonCancer	0.00E+00	5.37E-08	3.24E-06	0.00E+00	0.00E+00	3.26E-06	1.68E-06	0.00E+00	2.56E-06	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	3.26E-06
785	ALL	463649.1	3773213	NonCancer	0.00E+00	5.50E-08	3.31E-06	0.00E+00	0.00E+00	3.34E-06	1.72E-06	0.00E+00	2.62E-06	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	3.34E-06
786	ALL	463649.1	3773204	NonCancer	0.00E+00	5.49E-08	3.31E-06	0.00E+00	0.00E+00	3.33E-06	1.71E-06	0.00E+00	2.62E-06	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	3.33E-06
787	ALL	463649.1	3773194	NonCancer	0.00E+00	5.35E-08	3.22E-06	0.00E+00	0.00E+00	3.25E-06	1.67E-06	0.00E+00	2.55E-06	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	3.25E-06
788	ALL	463649.1	3773185	NonCancer	0.00E+00	5.10E-08	3.07E-06	0.00E+00	0.00E+00	3.09E-06	1.59E-06	0.00E+00	2.43E-06	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.09E-06
789	ALL	463649.1	3773176	NonCancer	0.00E+00	4.78E-08	2.88E-06	0.00E+00	0.00E+00	2.90E-06	1.49E-06	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	2.90E-06
790	ALL	463649	3773166	NonCancer	0.00E+00	4.55E-08	2.74E-06	0.00E+00	0.00E+00	2.76E-06	1.42E-06	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	2.76E-06
791	ALL	463649	3773157	NonCancer	0.00E+00	4.50E-08	2.71E-06	0.00E+00	0.00E+00	2.73E-06	1.40E-06	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.73E-06
792	ALL	463649	3773147	NonCancer	0.00E+00	4.56E-08	2.74E-06	0.00E+00	0.00E+00	2.77E-06	1.42E-06	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	2.77E-06
793	ALL	463689.2	3773232	NonCancer	0.00E+00	4.27E-08	2.57E-06	0.00E+00	0.00E+00	2.59E-06	1.33E-06	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	2.59E-06
794	ALL	463689.1	3773223	NonCancer	0.00E+00	4.47E-08	2.69E-06	0.00E+00	0.00E+00	2.72E-06	1.40E-06	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	2.72E-06
795	ALL	463689.1	3773213	NonCancer	0.00E+00	4.64E-08	2.79E-06	0.00E+00	0.00E+00	2.82E-06	1.45E-06	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	2.82E-06
796	ALL	463689.1	3773204	NonCancer	0.00E+00	4.69E-08	2.83E-06	0.00E+00	0.00E+00	2.85E-06	1.46E-06	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	2.85E-06
797	ALL	463689.1	3773194	NonCancer	0.00E+00	4.64E-08	2.79E-06	0.00E+00	0.00E+00	2.81E-06	1.45E-06	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	2.81E-06
798	ALL	463689.1	3773185	NonCancer	0.00E+00	4.48E-08	2.70E-06	0.00E+00	0.00E+00	2.72E-06	1.40E-06	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	2.72E-06
799	ALL	463689.1	3773176	NonCancer	0.00E+00	4.26E-08	2.57E-06	0.00E+00	0.00E+00	2.59E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	2.59E-06
800	ALL	463689	3773166	NonCancer	0.00E+00	4.07E-08	2.45E-06	0.00E+00	0.00E+00	2.47E-06	1.27E-06	0.00E+00	1.94E-06	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	2.47E-06
801	ALL	463689	3773157	NonCancer	0.00E+00	3.89E-08	2.34E-06	0.00E+00	0.00E+00	2.36E-06	1.21E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.36E-06
802	ALL	463689	3773147	NonCancer	0.00E+00	3.85E-08	2.32E-06	0.00E+00	0.00E+00	2.34E-06	1.20E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.34E-06
803	ALL	463729.2	3773232	NonCancer	0.00E+00	3.53E-08	2.12E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.14E-06
804	ALL	463729.1	3773223	NonCancer	0.00E+00	3.73E-08	2.25E-06	0.00E+00	0.00E+00	2.26E-06	1.16E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.26E-06
805	ALL	463729.1	3773213	NonCancer	0.00E+00	3.91E-08	2.35E-06	0.00E+00	0.00E+00	2.37E-06	1.22E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.37E-06
806	ALL	463729.1	3773204	NonCancer	0.00E+00	4.00E-08	2.41E-06	0.00E+00	0.00E+00	2.43E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	2.43E-06
807	ALL	463729.1	3773194	NonCancer	0.00E+00	4.00E-08	2.41E-06	0.00E+00	0.00E+00	2.43E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	2.43E-06
808	ALL	463729.1	3773185	NonCancer	0.00E+00	3.92E-08	2.36E-06	0.00E+00	0.00E+00	2.38E-06	1.22E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.38E-06

809	ALL	463729.1	3773175	NonCancer	0.00E+00	3.79E-08	2.28E-06	0.00E+00	0.00E+00	2.30E-06	1.18E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.30E-06
810	ALL	463729	3773166	NonCancer	0.00E+00	3.62E-08	2.18E-06	0.00E+00	0.00E+00	2.20E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.20E-06
811	ALL	463729	3773157	NonCancer	0.00E+00	3.49E-08	2.10E-06	0.00E+00	0.00E+00	2.12E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.12E-06
812	ALL	463729	3773147	NonCancer	0.00E+00	3.37E-08	2.03E-06	0.00E+00	0.00E+00	2.05E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.05E-06
813	ALL	463769.2	3773232	NonCancer	0.00E+00	3.00E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.37E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
814	ALL	463769.1	3773222	NonCancer	0.00E+00	3.16E-08	1.90E-06	0.00E+00	0.00E+00	1.92E-06	9.86E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.92E-06
815	ALL	463769.1	3773213	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.01E-06	1.03E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.01E-06
816	ALL	463769.1	3773204	NonCancer	0.00E+00	3.41E-08	2.05E-06	0.00E+00	0.00E+00	2.07E-06	1.06E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.07E-06
817	ALL	463769.1	3773194	NonCancer	0.00E+00	3.44E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06
818	ALL	463769.1	3773185	NonCancer	0.00E+00	3.41E-08	2.05E-06	0.00E+00	0.00E+00	2.07E-06	1.06E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.07E-06
819	ALL	463769.1	3773175	NonCancer	0.00E+00	3.34E-08	2.01E-06	0.00E+00	0.00E+00	2.03E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.03E-06
820	ALL	463769	3773166	NonCancer	0.00E+00	3.22E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
821	ALL	463769	3773157	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.89E-06	9.73E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.89E-06
822	ALL	463769	3773147	NonCancer	0.00E+00	3.01E-08	1.81E-06	0.00E+00	0.00E+00	1.83E-06	9.39E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.83E-06
823	ALL	463809.2	3773232	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.23E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
824	ALL	463809.1	3773222	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.61E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
825	ALL	463809.1	3773213	NonCancer	0.00E+00	2.90E-08	1.75E-06	0.00E+00	0.00E+00	1.76E-06	9.06E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.76E-06
826	ALL	463809.1	3773204	NonCancer	0.00E+00	3.01E-08	1.81E-06	0.00E+00	0.00E+00	1.83E-06	9.38E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.83E-06
827	ALL	463809.1	3773194	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.85E-06	9.53E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.85E-06
828	ALL	463809.1	3773185	NonCancer	0.00E+00	3.05E-08	1.84E-06	0.00E+00	0.00E+00	1.85E-06	9.51E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.85E-06
829	ALL	463809.1	3773175	NonCancer	0.00E+00	3.01E-08	1.81E-06	0.00E+00	0.00E+00	1.83E-06	9.39E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.83E-06
830	ALL	463809	3773166	NonCancer	0.00E+00	2.93E-08	1.76E-06	0.00E+00	0.00E+00	1.78E-06	9.14E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.78E-06
831	ALL	463809	3773156	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.81E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
832	ALL	463809	3773147	NonCancer	0.00E+00	2.73E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.53E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
833	ALL	463849.2	3773232	NonCancer	0.00E+00	2.35E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.32E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
834	ALL	463849.1	3773222	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.58E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
835	ALL	463849.1	3773213	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.99E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
836	ALL	463849.1	3773203	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.62E-06	8.30E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.62E-06
837	ALL	463849.1	3773194	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.50E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
838	ALL	463849.1	3773185	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.55E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
839	ALL	463849.1	3773175	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.54E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
840	ALL	463849	3773166	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.64E-06	8.41E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.64E-06
841	ALL	463849	3773156	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.14E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
842	ALL	463849	3773147	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.94E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
843	ALL	463889.2	3773241	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.83E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
844	ALL	463889.2	3773232	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.68E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
845	ALL	463889.1	3773222	NonCancer	0.00E+00	2.17E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.78E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
846	ALL	463889.1	3773213	NonCancer	0.00E+00	2.27E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.08E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
847	ALL	463889.1	3773203	NonCancer	0.00E+00	2.37E-08	1.42E-06	0.00E+00	0.00E+00	1.44E-06	7.38E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.44E-06
848	ALL	463889.1	3773194	NonCancer	0.00E+00	2.43E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.59E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
849	ALL	463889.1	3773185	NonCancer	0.00E+00	2.47E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.71E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
850	ALL	463889.1	3773175	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.78E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
851	ALL	463889	3773166	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.72E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
852	ALL	463889	3773156	NonCancer	0.00E+00	2.42E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.56E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
853	ALL	463889	3773147	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.36E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
854	ALL	463929.2	3773241	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.23E-07	0.00E+00	9.53E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
855	ALL	463929.2	3773232	NonCancer	0.00E+00	1.97E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.13E-07	0.00E+00	9.37E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
856	ALL	463929.1	3773222	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.10E-07	0.00E+00	9.33E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
857	ALL	463929.1	3773213	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.32E-07	0.00E+00	9.66E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
858	ALL	463929.1	3773203	NonCancer	0.00E+00	2.12E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.60E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
859	ALL	463929.1	3773194	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.81E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
860	ALL	463929.1	3773184	NonCancer	0.00E+00	2.24E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.97E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
861	ALL	463929.1	3773175	NonCancer	0.00E+00	2.27E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.08E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
862	ALL	463929	3773166	NonCancer	0.00E+00	2.27E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.09E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06

863	ALL	463929	3773156	NonCancer	0.00E+00	2.24E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.99E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
864	ALL	463929	3773147	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.82E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
865	ALL	463969.2	3773241	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.71E-07	0.00E+00	8.73E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
866	ALL	463969.2	3773232	NonCancer	0.00E+00	1.81E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.65E-07	0.00E+00	8.63E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
867	ALL	463969.1	3773222	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.56E-07	0.00E+00	8.49E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
868	ALL	463969.1	3773213	NonCancer	0.00E+00	1.82E-08	1.10E-06	0.00E+00	0.00E+00	1.10E-06	5.67E-07	0.00E+00	8.67E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.10E-06
869	ALL	463969.1	3773203	NonCancer	0.00E+00	1.90E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.92E-07	0.00E+00	9.06E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
870	ALL	463969.1	3773194	NonCancer	0.00E+00	1.97E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.13E-07	0.00E+00	9.37E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
871	ALL	463969.1	3773184	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.32E-07	0.00E+00	9.65E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
872	ALL	463969.1	3773175	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.45E-07	0.00E+00	9.86E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
873	ALL	463969	3773166	NonCancer	0.00E+00	2.08E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.50E-07	0.00E+00	9.94E-07	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
874	ALL	463969	3773156	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.47E-07	0.00E+00	9.88E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
875	ALL	463969	3773147	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.35E-07	0.00E+00	9.70E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
876	ALL	464009.2	3773241	NonCancer	0.00E+00	1.68E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.25E-07	0.00E+00	8.03E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
877	ALL	464009.2	3773231	NonCancer	0.00E+00	1.67E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.22E-07	0.00E+00	7.98E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
878	ALL	464009.1	3773222	NonCancer	0.00E+00	1.65E-08	9.93E-07	0.00E+00	0.00E+00	1.00E-06	5.14E-07	0.00E+00	7.86E-07	0.00E+00	0.00E+00	9.93E-07	0.00E+00	0.00E+00	1.00E-06
879	ALL	464009.1	3773213	NonCancer	0.00E+00	1.65E-08	9.95E-07	0.00E+00	0.00E+00	1.00E-06	5.16E-07	0.00E+00	7.88E-07	0.00E+00	0.00E+00	9.95E-07	0.00E+00	0.00E+00	1.00E-06
880	ALL	464009.1	3773203	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.34E-07	0.00E+00	8.16E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
881	ALL	464009.1	3773194	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.54E-07	0.00E+00	8.47E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
882	ALL	464009.1	3773184	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.74E-07	0.00E+00	8.78E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
883	ALL	464009	3773175	NonCancer	0.00E+00	1.89E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.89E-07	0.00E+00	9.00E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
884	ALL	464009	3773165	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.97E-07	0.00E+00	9.12E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
885	ALL	464009	3773156	NonCancer	0.00E+00	1.92E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.97E-07	0.00E+00	9.13E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
886	ALL	464009	3773147	NonCancer	0.00E+00	1.89E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.91E-07	0.00E+00	9.03E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
887	ALL	463009	3773139	NonCancer	0.00E+00	1.41E-06	8.47E-05	0.00E+00	0.00E+00	8.54E-05	4.40E-05	0.00E+00	6.72E-05	0.00E+00	0.00E+00	8.47E-05	0.00E+00	0.00E+00	8.54E-05
888	ALL	462999.9	3773139	NonCancer	0.00E+00	1.30E-06	7.83E-05	0.00E+00	0.00E+00	7.89E-05	4.07E-05	0.00E+00	6.22E-05	0.00E+00	0.00E+00	7.83E-05	0.00E+00	0.00E+00	7.89E-05
889	ALL	462990.8	3773139	NonCancer	0.00E+00	1.25E-06	7.54E-05	0.00E+00	0.00E+00	7.60E-05	3.92E-05	0.00E+00	5.98E-05	0.00E+00	0.00E+00	7.54E-05	0.00E+00	0.00E+00	7.60E-05
890	ALL	462981.7	3773139	NonCancer	0.00E+00	9.40E-07	5.65E-05	0.00E+00	0.00E+00	5.70E-05	2.94E-05	0.00E+00	4.49E-05	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	5.70E-05
891	ALL	462972.6	3773139	NonCancer	0.00E+00	7.51E-07	4.51E-05	0.00E+00	0.00E+00	4.55E-05	2.34E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	4.55E-05
892	ALL	462963.5	3773139	NonCancer	0.00E+00	5.82E-07	3.50E-05	0.00E+00	0.00E+00	3.53E-05	1.82E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	3.53E-05
893	ALL	462954.4	3773139	NonCancer	0.00E+00	4.25E-07	2.56E-05	0.00E+00	0.00E+00	2.58E-05	1.33E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	2.58E-05
894	ALL	462945.3	3773139	NonCancer	0.00E+00	3.20E-07	1.92E-05	0.00E+00	0.00E+00	1.94E-05	9.99E-06	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	1.94E-05
895	ALL	462936.2	3773139	NonCancer	0.00E+00	2.52E-07	1.52E-05	0.00E+00	0.00E+00	1.53E-05	7.88E-06	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.53E-05
896	ALL	462927.1	3773139	NonCancer	0.00E+00	2.07E-07	1.25E-05	0.00E+00	0.00E+00	1.26E-05	6.47E-06	0.00E+00	9.88E-06	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.26E-05
897	ALL	462918	3773139	NonCancer	0.00E+00	1.85E-07	1.11E-05	0.00E+00	0.00E+00	1.12E-05	5.78E-06	0.00E+00	8.83E-06	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.12E-05
898	ALL	462999.9	3773129	NonCancer	0.00E+00	8.25E-07	4.96E-05	0.00E+00	0.00E+00	5.00E-05	2.58E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	4.96E-05	0.00E+00	0.00E+00	5.00E-05
899	ALL	462990.8	3773129	NonCancer	0.00E+00	8.48E-07	5.10E-05	0.00E+00	0.00E+00	5.14E-05	2.65E-05	0.00E+00	4.05E-05	0.00E+00	0.00E+00	5.10E-05	0.00E+00	0.00E+00	5.14E-05
900	ALL	462981.7	3773129	NonCancer	0.00E+00	6.98E-07	4.19E-05	0.00E+00	0.00E+00	4.23E-05	2.18E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	4.23E-05
901	ALL	462972.6	3773129	NonCancer	0.00E+00	4.61E-07	2.77E-05	0.00E+00	0.00E+00	2.79E-05	1.44E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	2.79E-05
902	ALL	462963.5	3773129	NonCancer	0.00E+00	4.47E-07	2.69E-05	0.00E+00	0.00E+00	2.71E-05	1.40E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	2.71E-05
903	ALL	462954.4	3773129	NonCancer	0.00E+00	3.92E-07	2.36E-05	0.00E+00	0.00E+00	2.38E-05	1.23E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	2.38E-05
904	ALL	462945.3	3773129	NonCancer	0.00E+00	3.29E-07	1.98E-05	0.00E+00	0.00E+00	1.99E-05	1.03E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	1.99E-05
905	ALL	462936.2	3773129	NonCancer	0.00E+00	2.74E-07	1.64E-05	0.00E+00	0.00E+00	1.66E-05	8.54E-06	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	1.66E-05
906	ALL	462927.1	3773129	NonCancer	0.00E+00	2.29E-07	1.38E-05	0.00E+00	0.00E+00	1.39E-05	7.16E-06	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.39E-05
907	ALL	462918	3773129	NonCancer	0.00E+00	1.95E-07	1.17E-05	0.00E+00	0.00E+00	1.18E-05	6.09E-06	0.00E+00	9.31E-06	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.18E-05
908	ALL	463033.1	3773134	NonCancer	0.00E+00	5.99E-07	3.60E-05	0.00E+00	0.00E+00	3.63E-05	1.87E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	3.63E-05
909	ALL	462999.8	3773119	NonCancer	0.00E+00	5.74E-07	3.45E-05	0.00E+00	0.00E+00	3.48E-05	1.79E-05	0.00E+00	2.74E-05	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	3.48E-05
910	ALL	462990.7	3773119	NonCancer	0.00E+00	6.16E-07	3.70E-05	0.00E+00	0.00E+00	3.73E-05	1.92E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	3.73E-05
911	ALL	462981.6	3773119	NonCancer	0.00E+00	5.51E-07	3.31E-05	0.00E+00	0.00E+00	3.34E-05	1.72E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	3.34E-05
912	ALL	462972.5	3773119	NonCancer	0.00E+00	4.12E-07	2.48E-05	0.00E+00	0.00E+00	2.50E-05	1.29E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	2.50E-05
913	ALL	462963.4	3773119	NonCancer	0.00E+00	3.08E-07	1.85E-05	0.00E+00	0.00E+00	1.87E-05	9.61E-06	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.87E-05
914	ALL	462954.3	3773119	NonCancer	0.00E+00	3.08E-07	1.85E-05	0.00E+00	0.00E+00	1.86E-05	9.61E-06	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.86E-05
915	ALL	462945.2	3773119	NonCancer	0.00E+00	2.91E-07	1.75E-05	0.00E+00	0.00E+00	1.76E-05	9.08E-06	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	1.76E-05
916	ALL	462936.1	3773119	NonCancer	0.00E+00	2.64E-07	1.58E-05	0.00E+00	0.00E+00	1.60E-05	8.23E-06	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	1.60E-05

917	ALL	462927	3773119	NonCancer	0.00E+00	2.34E-07	1.41E-05	0.00E+00	0.00E+00	1.42E-05	7.32E-06	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.42E-05
918	ALL	462917.9	3773119	NonCancer	0.00E+00	2.07E-07	1.25E-05	0.00E+00	0.00E+00	1.26E-05	6.47E-06	0.00E+00	9.88E-06	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.26E-05
919	ALL	463040.2	3773127	NonCancer	0.00E+00	4.45E-07	2.67E-05	0.00E+00	0.00E+00	2.69E-05	1.39E-05	0.00E+00	2.12E-05	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	2.69E-05
920	ALL	462999.8	3773109	NonCancer	0.00E+00	4.25E-07	2.55E-05	0.00E+00	0.00E+00	2.58E-05	1.33E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	2.58E-05
921	ALL	462990.7	3773109	NonCancer	0.00E+00	4.69E-07	2.82E-05	0.00E+00	0.00E+00	2.84E-05	1.47E-05	0.00E+00	2.24E-05	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	2.84E-05
922	ALL	462981.6	3773109	NonCancer	0.00E+00	4.46E-07	2.68E-05	0.00E+00	0.00E+00	2.70E-05	1.39E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	2.70E-05
923	ALL	462972.5	3773109	NonCancer	0.00E+00	3.68E-07	2.21E-05	0.00E+00	0.00E+00	2.23E-05	1.15E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	2.23E-05
924	ALL	462963.4	3773109	NonCancer	0.00E+00	2.70E-07	1.62E-05	0.00E+00	0.00E+00	1.64E-05	8.43E-06	0.00E+00	1.29E-05	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	1.64E-05
925	ALL	462954.3	3773109	NonCancer	0.00E+00	2.25E-07	1.35E-05	0.00E+00	0.00E+00	1.37E-05	7.03E-06	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.37E-05
926	ALL	462945.2	3773109	NonCancer	0.00E+00	2.32E-07	1.40E-05	0.00E+00	0.00E+00	1.41E-05	7.24E-06	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.41E-05
927	ALL	462936.1	3773109	NonCancer	0.00E+00	2.31E-07	1.39E-05	0.00E+00	0.00E+00	1.40E-05	7.20E-06	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.40E-05
928	ALL	462927	3773109	NonCancer	0.00E+00	2.21E-07	1.33E-05	0.00E+00	0.00E+00	1.34E-05	6.88E-06	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.34E-05
929	ALL	462917.9	3773109	NonCancer	0.00E+00	2.06E-07	1.24E-05	0.00E+00	0.00E+00	1.25E-05	6.43E-06	0.00E+00	9.83E-06	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.25E-05
930	ALL	463047.2	3773120	NonCancer	0.00E+00	3.49E-07	2.10E-05	0.00E+00	0.00E+00	2.12E-05	1.09E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	2.12E-05
931	ALL	463053.1	3773134	NonCancer	0.00E+00	3.61E-07	2.17E-05	0.00E+00	0.00E+00	2.19E-05	1.13E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	2.19E-05
932	ALL	462999.8	3773099	NonCancer	0.00E+00	3.30E-07	1.98E-05	0.00E+00	0.00E+00	2.00E-05	1.03E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	2.00E-05
933	ALL	462990.7	3773099	NonCancer	0.00E+00	3.71E-07	2.23E-05	0.00E+00	0.00E+00	2.25E-05	1.16E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	2.25E-05
934	ALL	462981.6	3773099	NonCancer	0.00E+00	3.68E-07	2.21E-05	0.00E+00	0.00E+00	2.23E-05	1.15E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	2.23E-05
935	ALL	462972.5	3773099	NonCancer	0.00E+00	3.25E-07	1.95E-05	0.00E+00	0.00E+00	1.97E-05	1.01E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	1.97E-05
936	ALL	462963.4	3773099	NonCancer	0.00E+00	2.59E-07	1.56E-05	0.00E+00	0.00E+00	1.57E-05	8.09E-06	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.57E-05
937	ALL	462954.3	3773099	NonCancer	0.00E+00	1.92E-07	1.16E-05	0.00E+00	0.00E+00	1.17E-05	6.00E-06	0.00E+00	9.17E-06	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.17E-05
938	ALL	462945.2	3773099	NonCancer	0.00E+00	1.76E-07	1.06E-05	0.00E+00	0.00E+00	1.07E-05	5.51E-06	0.00E+00	8.42E-06	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.07E-05
939	ALL	462936.1	3773099	NonCancer	0.00E+00	1.88E-07	1.13E-05	0.00E+00	0.00E+00	1.14E-05	5.86E-06	0.00E+00	8.95E-06	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.14E-05
940	ALL	462927	3773099	NonCancer	0.00E+00	1.93E-07	1.16E-05	0.00E+00	0.00E+00	1.17E-05	6.01E-06	0.00E+00	9.19E-06	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.17E-05
941	ALL	462917.9	3773099	NonCancer	0.00E+00	1.90E-07	1.14E-05	0.00E+00	0.00E+00	1.15E-05	5.94E-06	0.00E+00	9.07E-06	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.15E-05
942	ALL	463044.3	3773103	NonCancer	0.00E+00	2.87E-07	1.72E-05	0.00E+00	0.00E+00	1.74E-05	8.94E-06	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	1.74E-05
943	ALL	463054.3	3773113	NonCancer	0.00E+00	2.85E-07	1.72E-05	0.00E+00	0.00E+00	1.73E-05	8.91E-06	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	1.73E-05
944	ALL	463060.2	3773127	NonCancer	0.00E+00	2.83E-07	1.70E-05	0.00E+00	0.00E+00	1.72E-05	8.83E-06	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	1.72E-05
945	ALL	462999.8	3773089	NonCancer	0.00E+00	2.65E-07	1.59E-05	0.00E+00	0.00E+00	1.61E-05	8.28E-06	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	1.61E-05
946	ALL	462990.7	3773089	NonCancer	0.00E+00	3.01E-07	1.81E-05	0.00E+00	0.00E+00	1.82E-05	9.40E-06	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	1.82E-05
947	ALL	462981.6	3773089	NonCancer	0.00E+00	3.09E-07	1.86E-05	0.00E+00	0.00E+00	1.87E-05	9.64E-06	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	1.87E-05
948	ALL	462972.5	3773089	NonCancer	0.00E+00	2.86E-07	1.72E-05	0.00E+00	0.00E+00	1.74E-05	8.94E-06	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	1.74E-05
949	ALL	462963.4	3773089	NonCancer	0.00E+00	2.43E-07	1.46E-05	0.00E+00	0.00E+00	1.47E-05	7.58E-06	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.47E-05
950	ALL	462954.3	3773089	NonCancer	0.00E+00	1.92E-07	1.15E-05	0.00E+00	0.00E+00	1.16E-05	5.99E-06	0.00E+00	9.15E-06	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.16E-05
951	ALL	462945.2	3773089	NonCancer	0.00E+00	1.45E-07	8.72E-06	0.00E+00	0.00E+00	8.79E-06	4.52E-06	0.00E+00	6.91E-06	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	8.79E-06
952	ALL	462936.1	3773089	NonCancer	0.00E+00	1.46E-07	8.77E-06	0.00E+00	0.00E+00	8.84E-06	4.55E-06	0.00E+00	6.95E-06	0.00E+00	0.00E+00	8.77E-06	0.00E+00	0.00E+00	8.84E-06
953	ALL	462927	3773089	NonCancer	0.00E+00	1.57E-07	9.43E-06	0.00E+00	0.00E+00	9.51E-06	4.90E-06	0.00E+00	7.49E-06	0.00E+00	0.00E+00	9.43E-06	0.00E+00	0.00E+00	9.51E-06
954	ALL	462917.9	3773089	NonCancer	0.00E+00	1.64E-07	9.84E-06	0.00E+00	0.00E+00	9.92E-06	5.11E-06	0.00E+00	7.81E-06	0.00E+00	0.00E+00	9.84E-06	0.00E+00	0.00E+00	9.92E-06
955	ALL	463033.6	3773089	NonCancer	0.00E+00	2.55E-07	1.54E-05	0.00E+00	0.00E+00	1.55E-05	7.97E-06	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	1.55E-05
956	ALL	463050.1	3773096	NonCancer	0.00E+00	2.48E-07	1.49E-05	0.00E+00	0.00E+00	1.50E-05	7.73E-06	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	1.50E-05
957	ALL	463061.8	3773107	NonCancer	0.00E+00	2.40E-07	1.45E-05	0.00E+00	0.00E+00	1.46E-05	7.50E-06	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.46E-05
958	ALL	463068.7	3773124	NonCancer	0.00E+00	2.28E-07	1.37E-05	0.00E+00	0.00E+00	1.38E-05	7.13E-06	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.38E-05
959	ALL	462999.7	3773079	NonCancer	0.00E+00	2.19E-07	1.32E-05	0.00E+00	0.00E+00	1.33E-05	6.85E-06	0.00E+00	1.05E-05	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.33E-05
960	ALL	462990.7	3773079	NonCancer	0.00E+00	2.51E-07	1.51E-05	0.00E+00	0.00E+00	1.52E-05	7.83E-06	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.52E-05
961	ALL	462981.6	3773079	NonCancer	0.00E+00	2.63E-07	1.58E-05	0.00E+00	0.00E+00	1.59E-05	8.21E-06	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	1.59E-05
962	ALL	462972.5	3773079	NonCancer	0.00E+00	2.53E-07	1.52E-05	0.00E+00	0.00E+00	1.53E-05	7.90E-06	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.53E-05
963	ALL	462963.4	3773079	NonCancer	0.00E+00	2.25E-07	1.35E-05	0.00E+00	0.00E+00	1.36E-05	7.02E-06	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.36E-05
964	ALL	462954.3	3773079	NonCancer	0.00E+00	1.87E-07	1.12E-05	0.00E+00	0.00E+00	1.13E-05	5.83E-06	0.00E+00	8.91E-06	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.13E-05
965	ALL	462945.2	3773079	NonCancer	0.00E+00	1.47E-07	8.87E-06	0.00E+00	0.00E+00	8.94E-06	4.60E-06	0.00E+00	7.03E-06	0.00E+00	0.00E+00	8.87E-06	0.00E+00	0.00E+00	8.94E-06
966	ALL	462936.1	3773079	NonCancer	0.00E+00	1.20E-07	7.24E-06	0.00E+00	0.00E+00	7.30E-06	3.76E-06	0.00E+00	5.75E-06	0.00E+00	0.00E+00	7.24E-06	0.00E+00	0.00E+00	7.30E-06
967	ALL	462927	3773079	NonCancer	0.00E+00	1.23E-07	7.41E-06	0.00E+00	0.00E+00	7.47E-06	3.84E-06	0.00E+00	5.88E-06	0.00E+00	0.00E+00	7.41E-06	0.00E+00	0.00E+00	7.47E-06
968	ALL	462917.9	3773079	NonCancer	0.00E+00	1.33E-07	7.99E-06	0.00E+00	0.00E+00	8.05E-06	4.15E-06	0.00E+00	6.34E-06	0.00E+00	0.00E+00	7.99E-06	0.00E+00	0.00E+00	8.05E-06
969	ALL	463033.1	3773079	NonCancer	0.00E+00	2.18E-07	1.31E-05	0.00E+00	0.00E+00	1.32E-05	6.81E-06	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.32E-05
970	ALL	463049.3	3773085	NonCancer	0.00E+00	2.30E-07	1.38E-05	0.00E+00	0.00E+00	1.39E-05	7.18E-06	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.39E-05

971	ALL	463068.8	3773100	NonCancer	0.00E+00	2.06E-07	1.24E-05	0.00E+00	0.00E+00	1.25E-05	6.43E-06	0.00E+00	9.83E-06	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.25E-05
972	ALL	463075.5	3773116	NonCancer	0.00E+00	1.96E-07	1.18E-05	0.00E+00	0.00E+00	1.19E-05	6.13E-06	0.00E+00	9.36E-06	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.19E-05
973	ALL	463082.3	3773132	NonCancer	0.00E+00	1.92E-07	1.16E-05	0.00E+00	0.00E+00	1.16E-05	5.99E-06	0.00E+00	9.16E-06	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.16E-05
974	ALL	462999.7	3773069	NonCancer	0.00E+00	1.86E-07	1.12E-05	0.00E+00	0.00E+00	1.13E-05	5.80E-06	0.00E+00	8.87E-06	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.13E-05
975	ALL	462990.6	3773069	NonCancer	0.00E+00	2.13E-07	1.28E-05	0.00E+00	0.00E+00	1.29E-05	6.66E-06	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.29E-05
976	ALL	462981.5	3773069	NonCancer	0.00E+00	2.27E-07	1.36E-05	0.00E+00	0.00E+00	1.38E-05	7.09E-06	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.38E-05
977	ALL	462972.4	3773069	NonCancer	0.00E+00	2.25E-07	1.35E-05	0.00E+00	0.00E+00	1.36E-05	7.01E-06	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.36E-05
978	ALL	462963.3	3773069	NonCancer	0.00E+00	2.07E-07	1.24E-05	0.00E+00	0.00E+00	1.25E-05	6.46E-06	0.00E+00	9.87E-06	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.25E-05
979	ALL	462954.2	3773069	NonCancer	0.00E+00	1.79E-07	1.08E-05	0.00E+00	0.00E+00	1.08E-05	5.58E-06	0.00E+00	8.53E-06	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.08E-05
980	ALL	462945.1	3773069	NonCancer	0.00E+00	1.47E-07	8.84E-06	0.00E+00	0.00E+00	8.91E-06	4.59E-06	0.00E+00	7.01E-06	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	8.91E-06
981	ALL	462936	3773069	NonCancer	0.00E+00	1.17E-07	7.01E-06	0.00E+00	0.00E+00	7.07E-06	3.64E-06	0.00E+00	5.56E-06	0.00E+00	0.00E+00	7.01E-06	0.00E+00	0.00E+00	7.07E-06
982	ALL	462926.9	3773069	NonCancer	0.00E+00	1.03E-07	6.20E-06	0.00E+00	0.00E+00	6.25E-06	3.22E-06	0.00E+00	4.92E-06	0.00E+00	0.00E+00	6.20E-06	0.00E+00	0.00E+00	6.25E-06
983	ALL	462917.8	3773069	NonCancer	0.00E+00	1.06E-07	6.37E-06	0.00E+00	0.00E+00	6.42E-06	3.31E-06	0.00E+00	5.05E-06	0.00E+00	0.00E+00	6.37E-06	0.00E+00	0.00E+00	6.42E-06
984	ALL	463048.6	3773075	NonCancer	0.00E+00	2.13E-07	1.28E-05	0.00E+00	0.00E+00	1.29E-05	6.64E-06	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.29E-05
985	ALL	463064.5	3773082	NonCancer	0.00E+00	1.95E-07	1.17E-05	0.00E+00	0.00E+00	1.18E-05	6.08E-06	0.00E+00	9.28E-06	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.18E-05
986	ALL	463075.8	3773093	NonCancer	0.00E+00	1.79E-07	1.08E-05	0.00E+00	0.00E+00	1.09E-05	5.60E-06	0.00E+00	8.55E-06	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.09E-05
987	ALL	463082.4	3773109	NonCancer	0.00E+00	1.70E-07	1.02E-05	0.00E+00	0.00E+00	1.03E-05	5.31E-06	0.00E+00	8.12E-06	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.03E-05
988	ALL	463089.1	3773125	NonCancer	0.00E+00	1.57E-07	9.46E-06	0.00E+00	0.00E+00	9.53E-06	4.91E-06	0.00E+00	7.50E-06	0.00E+00	0.00E+00	9.46E-06	0.00E+00	0.00E+00	9.53E-06
989	ALL	463048.1	3773065	NonCancer	0.00E+00	1.96E-07	1.18E-05	0.00E+00	0.00E+00	1.19E-05	6.10E-06	0.00E+00	9.33E-06	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.19E-05
990	ALL	463063.8	3773071	NonCancer	0.00E+00	1.84E-07	1.11E-05	0.00E+00	0.00E+00	1.11E-05	5.74E-06	0.00E+00	8.77E-06	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.11E-05
991	ALL	463082.8	3773086	NonCancer	0.00E+00	1.57E-07	9.47E-06	0.00E+00	0.00E+00	9.55E-06	4.91E-06	0.00E+00	7.51E-06	0.00E+00	0.00E+00	9.47E-06	0.00E+00	0.00E+00	9.55E-06
992	ALL	463089.4	3773101	NonCancer	0.00E+00	1.48E-07	8.91E-06	0.00E+00	0.00E+00	8.98E-06	4.62E-06	0.00E+00	7.06E-06	0.00E+00	0.00E+00	8.91E-06	0.00E+00	0.00E+00	8.98E-06
993	ALL	463095.9	3773117	NonCancer	0.00E+00	1.42E-07	8.56E-06	0.00E+00	0.00E+00	8.63E-06	4.44E-06	0.00E+00	6.79E-06	0.00E+00	0.00E+00	8.56E-06	0.00E+00	0.00E+00	8.63E-06
994	ALL	463102.5	3773133	NonCancer	0.00E+00	1.69E-07	1.02E-05	0.00E+00	0.00E+00	1.03E-05	5.29E-06	0.00E+00	8.08E-06	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.03E-05
995	ALL	463047.3	3773045	NonCancer	0.00E+00	1.62E-07	9.71E-06	0.00E+00	0.00E+00	9.79E-06	5.04E-06	0.00E+00	7.71E-06	0.00E+00	0.00E+00	9.71E-06	0.00E+00	0.00E+00	9.79E-06
996	ALL	463062.8	3773051	NonCancer	0.00E+00	1.68E-07	1.01E-05	0.00E+00	0.00E+00	1.02E-05	5.23E-06	0.00E+00	8.00E-06	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.02E-05
997	ALL	463078.2	3773057	NonCancer	0.00E+00	1.51E-07	9.08E-06	0.00E+00	0.00E+00	9.16E-06	4.71E-06	0.00E+00	7.20E-06	0.00E+00	0.00E+00	9.08E-06	0.00E+00	0.00E+00	9.16E-06
998	ALL	463096.9	3773071	NonCancer	0.00E+00	1.24E-07	7.45E-06	0.00E+00	0.00E+00	7.51E-06	3.86E-06	0.00E+00	5.90E-06	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	7.51E-06
999	ALL	463103.3	3773087	NonCancer	0.00E+00	1.16E-07	6.99E-06	0.00E+00	0.00E+00	7.04E-06	3.62E-06	0.00E+00	5.54E-06	0.00E+00	0.00E+00	6.99E-06	0.00E+00	0.00E+00	7.04E-06
1000	ALL	463109.7	3773102	NonCancer	0.00E+00	1.18E-07	7.10E-06	0.00E+00	0.00E+00	7.16E-06	3.68E-06	0.00E+00	5.63E-06	0.00E+00	0.00E+00	7.10E-06	0.00E+00	0.00E+00	7.16E-06
1001	ALL	463116.2	3773118	NonCancer	0.00E+00	1.30E-07	7.83E-06	0.00E+00	0.00E+00	7.89E-06	4.06E-06	0.00E+00	6.21E-06	0.00E+00	0.00E+00	7.83E-06	0.00E+00	0.00E+00	7.89E-06
1002	ALL	463122.6	3773133	NonCancer	0.00E+00	1.53E-07	9.17E-06	0.00E+00	0.00E+00	9.25E-06	4.76E-06	0.00E+00	7.28E-06	0.00E+00	0.00E+00	9.17E-06	0.00E+00	0.00E+00	9.25E-06
1003	ALL	463050	3773026	NonCancer	0.00E+00	1.37E-07	8.23E-06	0.00E+00	0.00E+00	8.29E-06	4.27E-06	0.00E+00	6.53E-06	0.00E+00	0.00E+00	8.23E-06	0.00E+00	0.00E+00	8.29E-06
1004	ALL	463066.5	3773032	NonCancer	0.00E+00	1.48E-07	8.90E-06	0.00E+00	0.00E+00	8.97E-06	4.62E-06	0.00E+00	7.06E-06	0.00E+00	0.00E+00	8.90E-06	0.00E+00	0.00E+00	8.97E-06
1005	ALL	463083	3773039	NonCancer	0.00E+00	1.34E-07	8.05E-06	0.00E+00	0.00E+00	8.12E-06	4.18E-06	0.00E+00	6.39E-06	0.00E+00	0.00E+00	8.05E-06	0.00E+00	0.00E+00	8.12E-06
1006	ALL	463099.5	3773046	NonCancer	0.00E+00	1.14E-07	6.88E-06	0.00E+00	0.00E+00	6.93E-06	3.57E-06	0.00E+00	5.45E-06	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.93E-06
1007	ALL	463111.2	3773058	NonCancer	0.00E+00	9.99E-08	6.01E-06	0.00E+00	0.00E+00	6.06E-06	3.12E-06	0.00E+00	4.76E-06	0.00E+00	0.00E+00	6.01E-06	0.00E+00	0.00E+00	6.06E-06
1008	ALL	463118.1	3773074	NonCancer	0.00E+00	9.92E-08	5.97E-06	0.00E+00	0.00E+00	6.02E-06	3.10E-06	0.00E+00	4.73E-06	0.00E+00	0.00E+00	5.97E-06	0.00E+00	0.00E+00	6.02E-06
1009	ALL	463125	3773091	NonCancer	0.00E+00	1.04E-07	6.27E-06	0.00E+00	0.00E+00	6.32E-06	3.25E-06	0.00E+00	4.97E-06	0.00E+00	0.00E+00	6.27E-06	0.00E+00	0.00E+00	6.32E-06
1010	ALL	463131.8	3773107	NonCancer	0.00E+00	1.15E-07	6.89E-06	0.00E+00	0.00E+00	6.95E-06	3.58E-06	0.00E+00	5.46E-06	0.00E+00	0.00E+00	6.89E-06	0.00E+00	0.00E+00	6.95E-06
1011	ALL	463138.7	3773124	NonCancer	0.00E+00	1.31E-07	7.89E-06	0.00E+00	0.00E+00	7.95E-06	4.09E-06	0.00E+00	6.25E-06	0.00E+00	0.00E+00	7.89E-06	0.00E+00	0.00E+00	7.95E-06
1012	ALL	463049.1	3773005	NonCancer	0.00E+00	1.12E-07	6.71E-06	0.00E+00	0.00E+00	6.76E-06	3.48E-06	0.00E+00	5.32E-06	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	6.76E-06
1013	ALL	463065.3	3773012	NonCancer	0.00E+00	1.30E-07	7.81E-06	0.00E+00	0.00E+00	7.87E-06	4.05E-06	0.00E+00	6.20E-06	0.00E+00	0.00E+00	7.81E-06	0.00E+00	0.00E+00	7.87E-06
1014	ALL	463081.5	3773019	NonCancer	0.00E+00	1.28E-07	7.70E-06	0.00E+00	0.00E+00	7.76E-06	4.00E-06	0.00E+00	6.11E-06	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	7.76E-06
1015	ALL	463097.6	3773025	NonCancer	0.00E+00	1.14E-07	6.87E-06	0.00E+00	0.00E+00	6.92E-06	3.56E-06	0.00E+00	5.44E-06	0.00E+00	0.00E+00	6.87E-06	0.00E+00	0.00E+00	6.92E-06
1016	ALL	463113.8	3773032	NonCancer	0.00E+00	9.41E-08	5.66E-06	0.00E+00	0.00E+00	5.70E-06	2.94E-06	0.00E+00	4.49E-06	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	5.70E-06
1017	ALL	463125.3	3773043	NonCancer	0.00E+00	8.52E-08	5.13E-06	0.00E+00	0.00E+00	5.17E-06	2.66E-06	0.00E+00	4.06E-06	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	5.17E-06
1018	ALL	463132	3773060	NonCancer	0.00E+00	8.87E-08	5.34E-06	0.00E+00	0.00E+00	5.38E-06	2.77E-06	0.00E+00	4.23E-06	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	5.38E-06
1019	ALL	463138.7	3773076	NonCancer	0.00E+00	9.27E-08	5.58E-06	0.00E+00	0.00E+00	5.62E-06	2.89E-06	0.00E+00	4.42E-06	0.00E+00	0.00E+00	5.58E-06	0.00E+00	0.00E+00	5.62E-06
1020	ALL	463145.4	3773092	NonCancer	0.00E+00	1.00E-07	6.02E-06	0.00E+00	0.00E+00	6.06E-06	3.12E-06	0.00E+00	4.77E-06	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	6.06E-06
1021	ALL	463152.2	3773108	NonCancer	0.00E+00	1.10E-07	6.63E-06	0.00E+00	0.00E+00	6.68E-06	3.44E-06	0.00E+00	5.25E-06	0.00E+00	0.00E+00	6.63E-06	0.00E+00	0.00E+00	6.68E-06
1022	ALL	463158.9	3773124	NonCancer	0.00E+00	1.24E-07	7.44E-06	0.00E+00	0.00E+00	7.50E-06	3.86E-06	0.00E+00	5.89E-06	0.00E+00	0.00E+00	7.44E-06	0.00E+00	0.00E+00	7.50E-06
1023	ALL	463048.4	3772985	NonCancer	0.00E+00	9.16E-08	5.51E-06	0.00E+00	0.00E+00	5.55E-06	2.86E-06	0.00E+00	4.37E-06	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	5.55E-06
1024	ALL	463064.4	3772992	NonCancer	0.00E+00	1.12E-07	6.72E-06	0.00E+00	0.00E+00	6.77E-06	3.49E-06	0.00E+00	5.33E-06	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	6.77E-06

1025	ALL	463080.3	3772998	NonCancer	0.00E+00	1.18E-07	7.13E-06	0.00E+00	0.00E+00	7.18E-06	3.70E-06	0.00E+00	5.65E-06	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	7.18E-06
1026	ALL	463096.2	3773005	NonCancer	0.00E+00	1.09E-07	6.57E-06	0.00E+00	0.00E+00	6.62E-06	3.41E-06	0.00E+00	5.21E-06	0.00E+00	0.00E+00	6.57E-06	0.00E+00	0.00E+00	6.62E-06
1027	ALL	463112.1	3773011	NonCancer	0.00E+00	9.72E-08	5.85E-06	0.00E+00	0.00E+00	5.90E-06	3.03E-06	0.00E+00	4.64E-06	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	5.90E-06
1028	ALL	463128.1	3773018	NonCancer	0.00E+00	7.94E-08	4.78E-06	0.00E+00	0.00E+00	4.82E-06	2.48E-06	0.00E+00	3.79E-06	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	4.82E-06
1029	ALL	463139.3	3773029	NonCancer	0.00E+00	7.77E-08	4.68E-06	0.00E+00	0.00E+00	4.71E-06	2.42E-06	0.00E+00	3.71E-06	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	4.71E-06
1030	ALL	463145.9	3773045	NonCancer	0.00E+00	8.09E-08	4.87E-06	0.00E+00	0.00E+00	4.91E-06	2.53E-06	0.00E+00	3.86E-06	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	4.91E-06
1031	ALL	463152.6	3773061	NonCancer	0.00E+00	8.34E-08	5.02E-06	0.00E+00	0.00E+00	5.06E-06	2.60E-06	0.00E+00	3.98E-06	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	5.06E-06
1032	ALL	463159.2	3773077	NonCancer	0.00E+00	8.94E-08	5.38E-06	0.00E+00	0.00E+00	5.42E-06	2.79E-06	0.00E+00	4.26E-06	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	5.42E-06
1033	ALL	463165.8	3773093	NonCancer	0.00E+00	9.76E-08	5.87E-06	0.00E+00	0.00E+00	5.92E-06	3.04E-06	0.00E+00	4.65E-06	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	5.92E-06
1034	ALL	463172.4	3773109	NonCancer	0.00E+00	1.05E-07	6.32E-06	0.00E+00	0.00E+00	6.37E-06	3.28E-06	0.00E+00	5.01E-06	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	6.37E-06
1035	ALL	463179.1	3773124	NonCancer	0.00E+00	1.19E-07	7.15E-06	0.00E+00	0.00E+00	7.21E-06	3.71E-06	0.00E+00	5.67E-06	0.00E+00	0.00E+00	7.15E-06	0.00E+00	0.00E+00	7.21E-06
1036	ALL	463050.2	3772966	NonCancer	0.00E+00	7.94E-08	4.78E-06	0.00E+00	0.00E+00	4.82E-06	2.48E-06	0.00E+00	3.79E-06	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	4.82E-06
1037	ALL	463058.5	3772969	NonCancer	0.00E+00	8.90E-08	5.35E-06	0.00E+00	0.00E+00	5.40E-06	2.78E-06	0.00E+00	4.25E-06	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	5.40E-06
1038	ALL	463066.9	3772973	NonCancer	0.00E+00	9.83E-08	5.91E-06	0.00E+00	0.00E+00	5.96E-06	3.07E-06	0.00E+00	4.69E-06	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	5.96E-06
1039	ALL	463083.5	3772980	NonCancer	0.00E+00	1.08E-07	6.47E-06	0.00E+00	0.00E+00	6.52E-06	3.36E-06	0.00E+00	5.13E-06	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	6.52E-06
1040	ALL	463091.8	3772983	NonCancer	0.00E+00	1.07E-07	6.41E-06	0.00E+00	0.00E+00	6.46E-06	3.33E-06	0.00E+00	5.08E-06	0.00E+00	0.00E+00	6.41E-06	0.00E+00	0.00E+00	6.46E-06
1041	ALL	463108.5	3772990	NonCancer	0.00E+00	9.60E-08	5.78E-06	0.00E+00	0.00E+00	5.82E-06	3.00E-06	0.00E+00	4.58E-06	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	5.82E-06
1042	ALL	463116.8	3772993	NonCancer	0.00E+00	9.13E-08	5.49E-06	0.00E+00	0.00E+00	5.54E-06	2.85E-06	0.00E+00	4.36E-06	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	5.54E-06
1043	ALL	463125.1	3772997	NonCancer	0.00E+00	8.45E-08	5.09E-06	0.00E+00	0.00E+00	5.13E-06	2.64E-06	0.00E+00	4.03E-06	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	5.13E-06
1044	ALL	463141.8	3773004	NonCancer	0.00E+00	7.04E-08	4.24E-06	0.00E+00	0.00E+00	4.27E-06	2.20E-06	0.00E+00	3.36E-06	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	4.27E-06
1045	ALL	463153.6	3773015	NonCancer	0.00E+00	7.25E-08	4.36E-06	0.00E+00	0.00E+00	4.40E-06	2.26E-06	0.00E+00	3.46E-06	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	4.40E-06
1046	ALL	463160.5	3773032	NonCancer	0.00E+00	7.50E-08	4.52E-06	0.00E+00	0.00E+00	4.55E-06	2.34E-06	0.00E+00	3.58E-06	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	4.55E-06
1047	ALL	463167.4	3773049	NonCancer	0.00E+00	7.76E-08	4.67E-06	0.00E+00	0.00E+00	4.70E-06	2.42E-06	0.00E+00	3.70E-06	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	4.70E-06
1048	ALL	463174.4	3773065	NonCancer	0.00E+00	8.36E-08	5.03E-06	0.00E+00	0.00E+00	5.07E-06	2.61E-06	0.00E+00	3.99E-06	0.00E+00	0.00E+00	5.03E-06	0.00E+00	0.00E+00	5.07E-06
1049	ALL	463177.8	3773073	NonCancer	0.00E+00	8.62E-08	5.19E-06	0.00E+00	0.00E+00	5.23E-06	2.69E-06	0.00E+00	4.11E-06	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	5.23E-06
1050	ALL	463184.8	3773090	NonCancer	0.00E+00	9.45E-08	5.69E-06	0.00E+00	0.00E+00	5.73E-06	2.95E-06	0.00E+00	4.51E-06	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	5.73E-06
1051	ALL	463191.7	3773107	NonCancer	0.00E+00	1.01E-07	6.07E-06	0.00E+00	0.00E+00	6.12E-06	3.15E-06	0.00E+00	4.81E-06	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	6.12E-06
1052	ALL	463198.6	3773123	NonCancer	0.00E+00	1.14E-07	6.89E-06	0.00E+00	0.00E+00	6.94E-06	3.57E-06	0.00E+00	5.46E-06	0.00E+00	0.00E+00	6.89E-06	0.00E+00	0.00E+00	6.94E-06
1053	ALL	463049.5	3772946	NonCancer	0.00E+00	6.82E-08	4.10E-06	0.00E+00	0.00E+00	4.14E-06	2.13E-06	0.00E+00	3.25E-06	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	4.14E-06
1054	ALL	463065.9	3772952	NonCancer	0.00E+00	8.35E-08	5.02E-06	0.00E+00	0.00E+00	5.06E-06	2.60E-06	0.00E+00	3.98E-06	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	5.06E-06
1055	ALL	463082.3	3772959	NonCancer	0.00E+00	9.62E-08	5.79E-06	0.00E+00	0.00E+00	5.83E-06	3.00E-06	0.00E+00	4.59E-06	0.00E+00	0.00E+00	5.79E-06	0.00E+00	0.00E+00	5.83E-06
1056	ALL	463098.7	3772966	NonCancer	0.00E+00	9.77E-08	5.88E-06	0.00E+00	0.00E+00	5.92E-06	3.05E-06	0.00E+00	4.66E-06	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	5.92E-06
1057	ALL	463115.1	3772973	NonCancer	0.00E+00	8.84E-08	5.32E-06	0.00E+00	0.00E+00	5.36E-06	2.76E-06	0.00E+00	4.22E-06	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	5.36E-06
1058	ALL	463131.5	3772979	NonCancer	0.00E+00	7.96E-08	4.79E-06	0.00E+00	0.00E+00	4.83E-06	2.49E-06	0.00E+00	3.80E-06	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	4.83E-06
1059	ALL	463147.8	3772986	NonCancer	0.00E+00	6.72E-08	4.05E-06	0.00E+00	0.00E+00	4.08E-06	2.10E-06	0.00E+00	3.21E-06	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	4.08E-06
1060	ALL	463167.6	3773001	NonCancer	0.00E+00	6.85E-08	4.12E-06	0.00E+00	0.00E+00	4.15E-06	2.14E-06	0.00E+00	3.27E-06	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	4.15E-06
1061	ALL	463174.5	3773017	NonCancer	0.00E+00	7.04E-08	4.24E-06	0.00E+00	0.00E+00	4.27E-06	2.20E-06	0.00E+00	3.36E-06	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	4.27E-06
1062	ALL	463181.3	3773034	NonCancer	0.00E+00	7.19E-08	4.33E-06	0.00E+00	0.00E+00	4.36E-06	2.24E-06	0.00E+00	3.43E-06	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	4.36E-06
1063	ALL	463188.1	3773050	NonCancer	0.00E+00	7.81E-08	4.70E-06	0.00E+00	0.00E+00	4.74E-06	2.44E-06	0.00E+00	3.72E-06	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	4.74E-06
1064	ALL	463194.9	3773066	NonCancer	0.00E+00	8.25E-08	4.96E-06	0.00E+00	0.00E+00	5.00E-06	2.57E-06	0.00E+00	3.93E-06	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	5.00E-06
1065	ALL	463201.7	3773083	NonCancer	0.00E+00	8.98E-08	5.40E-06	0.00E+00	0.00E+00	5.45E-06	2.80E-06	0.00E+00	4.28E-06	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	5.45E-06
1066	ALL	463208.5	3773099	NonCancer	0.00E+00	9.41E-08	5.66E-06	0.00E+00	0.00E+00	5.71E-06	2.94E-06	0.00E+00	4.49E-06	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	5.71E-06
1067	ALL	463215.4	3773115	NonCancer	0.00E+00	1.07E-07	6.43E-06	0.00E+00	0.00E+00	6.48E-06	3.33E-06	0.00E+00	5.09E-06	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	6.48E-06
1068	ALL	463222.2	3773132	NonCancer	0.00E+00	1.14E-07	6.88E-06	0.00E+00	0.00E+00	6.94E-06	3.57E-06	0.00E+00	5.46E-06	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.94E-06
1069	ALL	463048.9	3772925	NonCancer	0.00E+00	5.94E-08	3.58E-06	0.00E+00	0.00E+00	3.60E-06	1.86E-06	0.00E+00	2.84E-06	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	3.60E-06
1070	ALL	463065.1	3772932	NonCancer	0.00E+00	7.09E-08	4.26E-06	0.00E+00	0.00E+00	4.30E-06	2.21E-06	0.00E+00	3.38E-06	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	4.30E-06
1071	ALL	463081.3	3772939	NonCancer	0.00E+00	8.50E-08	5.11E-06	0.00E+00	0.00E+00	5.15E-06	2.65E-06	0.00E+00	4.05E-06	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	5.15E-06
1072	ALL	463097.5	3772945	NonCancer	0.00E+00	9.11E-08	5.48E-06	0.00E+00	0.00E+00	5.53E-06	2.84E-06	0.00E+00	4.35E-06	0.00E+00	0.00E+00	5.48E-06	0.00E+00	0.00E+00	5.53E-06
1073	ALL	463113.6	3772952	NonCancer	0.00E+00	8.74E-08	5.26E-06	0.00E+00	0.00E+00	5.30E-06	2.73E-06	0.00E+00	4.17E-06	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	5.30E-06
1074	ALL	463129.8	3772959	NonCancer	0.00E+00	7.96E-08	4.79E-06	0.00E+00	0.00E+00	4.83E-06	2.48E-06	0.00E+00	3.80E-06	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	4.83E-06
1075	ALL	463146	3772965	NonCancer	0.00E+00	7.03E-08	4.23E-06	0.00E+00	0.00E+00	4.27E-06	2.19E-06	0.00E+00	3.35E-06	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	4.27E-06
1076	ALL	463162.2	3772972	NonCancer	0.00E+00	6.26E-08	3.77E-06	0.00E+00	0.00E+00	3.80E-06	1.95E-06	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	3.80E-06
1077	ALL	463181.7	3772987	NonCancer	0.00E+00	6.53E-08	3.93E-06	0.00E+00	0.00E+00	3.96E-06	2.04E-06	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	3.96E-06
1078	ALL	463188.4	3773003	NonCancer	0.00E+00	6.68E-08	4.02E-06	0.00E+00	0.00E+00	4.05E-06	2.08E-06	0.00E+00	3.18E-06	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	4.05E-06

1079	ALL	463195.2	3773019	NonCancer	0.00E+00	6.88E-08	4.14E-06	0.00E+00	0.00E+00	4.18E-06	2.15E-06	0.00E+00	3.28E-06	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	4.18E-06
1080	ALL	463201.9	3773035	NonCancer	0.00E+00	7.37E-08	4.43E-06	0.00E+00	0.00E+00	4.47E-06	2.30E-06	0.00E+00	3.51E-06	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	4.47E-06
1081	ALL	463208.6	3773051	NonCancer	0.00E+00	7.79E-08	4.69E-06	0.00E+00	0.00E+00	4.73E-06	2.43E-06	0.00E+00	3.72E-06	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	4.73E-06
1082	ALL	463215.4	3773067	NonCancer	0.00E+00	8.26E-08	4.97E-06	0.00E+00	0.00E+00	5.01E-06	2.58E-06	0.00E+00	3.94E-06	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	5.01E-06
1083	ALL	463222.1	3773084	NonCancer	0.00E+00	8.92E-08	5.37E-06	0.00E+00	0.00E+00	5.41E-06	2.78E-06	0.00E+00	4.25E-06	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	5.41E-06
1084	ALL	463228.8	3773100	NonCancer	0.00E+00	9.42E-08	5.67E-06	0.00E+00	0.00E+00	5.72E-06	2.94E-06	0.00E+00	4.49E-06	0.00E+00	0.00E+00	5.67E-06	0.00E+00	0.00E+00	5.72E-06
1085	ALL	463235.5	3773116	NonCancer	0.00E+00	1.06E-07	6.40E-06	0.00E+00	0.00E+00	6.45E-06	3.32E-06	0.00E+00	5.07E-06	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	6.45E-06
1086	ALL	463242.3	3773132	NonCancer	0.00E+00	1.12E-07	6.71E-06	0.00E+00	0.00E+00	6.76E-06	3.48E-06	0.00E+00	5.32E-06	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	6.76E-06
1087	ALL	463075.4	3772916	NonCancer	0.00E+00	7.04E-08	4.23E-06	0.00E+00	0.00E+00	4.27E-06	2.20E-06	0.00E+00	3.36E-06	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	4.27E-06
1088	ALL	463083.7	3772920	NonCancer	0.00E+00	7.69E-08	4.62E-06	0.00E+00	0.00E+00	4.66E-06	2.40E-06	0.00E+00	3.67E-06	0.00E+00	0.00E+00	4.62E-06	0.00E+00	0.00E+00	4.66E-06
1089	ALL	463100.5	3772927	NonCancer	0.00E+00	8.44E-08	5.08E-06	0.00E+00	0.00E+00	5.12E-06	2.63E-06	0.00E+00	4.03E-06	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	5.12E-06
1090	ALL	463108.8	3772930	NonCancer	0.00E+00	8.48E-08	5.10E-06	0.00E+00	0.00E+00	5.14E-06	2.65E-06	0.00E+00	4.05E-06	0.00E+00	0.00E+00	5.10E-06	0.00E+00	0.00E+00	5.14E-06
1091	ALL	463117.2	3772933	NonCancer	0.00E+00	8.30E-08	4.99E-06	0.00E+00	0.00E+00	5.03E-06	2.59E-06	0.00E+00	3.96E-06	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	5.03E-06
1092	ALL	463133.9	3772940	NonCancer	0.00E+00	7.56E-08	4.55E-06	0.00E+00	0.00E+00	4.58E-06	2.36E-06	0.00E+00	3.61E-06	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	4.58E-06
1093	ALL	463142.3	3772944	NonCancer	0.00E+00	7.27E-08	4.37E-06	0.00E+00	0.00E+00	4.41E-06	2.27E-06	0.00E+00	3.47E-06	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	4.41E-06
1094	ALL	463150.6	3772947	NonCancer	0.00E+00	6.86E-08	4.13E-06	0.00E+00	0.00E+00	4.16E-06	2.14E-06	0.00E+00	3.27E-06	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	4.16E-06
1095	ALL	463159	3772951	NonCancer	0.00E+00	6.39E-08	3.84E-06	0.00E+00	0.00E+00	3.88E-06	1.99E-06	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	3.88E-06
1096	ALL	463175.7	3772958	NonCancer	0.00E+00	6.05E-08	3.64E-06	0.00E+00	0.00E+00	3.67E-06	1.89E-06	0.00E+00	2.88E-06	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	3.67E-06
1097	ALL	463184.1	3772961	NonCancer	0.00E+00	6.13E-08	3.69E-06	0.00E+00	0.00E+00	3.72E-06	1.91E-06	0.00E+00	2.92E-06	0.00E+00	0.00E+00	3.69E-06	0.00E+00	0.00E+00	3.72E-06
1098	ALL	463195.9	3772973	NonCancer	0.00E+00	6.28E-08	3.78E-06	0.00E+00	0.00E+00	3.81E-06	1.96E-06	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	3.81E-06
1099	ALL	463199.4	3772981	NonCancer	0.00E+00	6.34E-08	3.81E-06	0.00E+00	0.00E+00	3.84E-06	1.98E-06	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	3.84E-06
1100	ALL	463206.4	3772998	NonCancer	0.00E+00	6.49E-08	3.91E-06	0.00E+00	0.00E+00	3.94E-06	2.03E-06	0.00E+00	3.10E-06	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	3.94E-06
1101	ALL	463209.9	3773006	NonCancer	0.00E+00	6.68E-08	4.02E-06	0.00E+00	0.00E+00	4.05E-06	2.08E-06	0.00E+00	3.19E-06	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	4.05E-06
1102	ALL	463216.8	3773023	NonCancer	0.00E+00	7.09E-08	4.27E-06	0.00E+00	0.00E+00	4.30E-06	2.21E-06	0.00E+00	3.38E-06	0.00E+00	0.00E+00	4.27E-06	0.00E+00	0.00E+00	4.30E-06
1103	ALL	463223.8	3773040	NonCancer	0.00E+00	7.55E-08	4.54E-06	0.00E+00	0.00E+00	4.58E-06	2.35E-06	0.00E+00	3.60E-06	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	4.58E-06
1104	ALL	463227.3	3773048	NonCancer	0.00E+00	7.63E-08	4.59E-06	0.00E+00	0.00E+00	4.63E-06	2.38E-06	0.00E+00	3.64E-06	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	4.63E-06
1105	ALL	463234.2	3773065	NonCancer	0.00E+00	8.27E-08	4.98E-06	0.00E+00	0.00E+00	5.02E-06	2.58E-06	0.00E+00	3.95E-06	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	5.02E-06
1106	ALL	463241.2	3773081	NonCancer	0.00E+00	8.78E-08	5.28E-06	0.00E+00	0.00E+00	5.32E-06	2.74E-06	0.00E+00	4.19E-06	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	5.32E-06
1107	ALL	463244.6	3773090	NonCancer	0.00E+00	8.90E-08	5.36E-06	0.00E+00	0.00E+00	5.40E-06	2.78E-06	0.00E+00	4.25E-06	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	5.40E-06
1108	ALL	463251.6	3773106	NonCancer	0.00E+00	1.01E-07	6.07E-06	0.00E+00	0.00E+00	6.12E-06	3.15E-06	0.00E+00	4.81E-06	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	6.12E-06
1109	ALL	463258.6	3773123	NonCancer	0.00E+00	1.08E-07	6.52E-06	0.00E+00	0.00E+00	6.57E-06	3.38E-06	0.00E+00	5.17E-06	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	6.57E-06
1110	ALL	463262	3773131	NonCancer	0.00E+00	1.10E-07	6.60E-06	0.00E+00	0.00E+00	6.66E-06	3.42E-06	0.00E+00	5.23E-06	0.00E+00	0.00E+00	6.60E-06	0.00E+00	0.00E+00	6.66E-06
1111	ALL	463115.8	3772913	NonCancer	0.00E+00	7.95E-08	4.78E-06	0.00E+00	0.00E+00	4.82E-06	2.48E-06	0.00E+00	3.79E-06	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	4.82E-06
1112	ALL	463132.3	3772920	NonCancer	0.00E+00	7.49E-08	4.50E-06	0.00E+00	0.00E+00	4.54E-06	2.34E-06	0.00E+00	3.57E-06	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	4.54E-06
1113	ALL	463148.8	3772926	NonCancer	0.00E+00	6.90E-08	4.15E-06	0.00E+00	0.00E+00	4.19E-06	2.15E-06	0.00E+00	3.29E-06	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	4.19E-06
1114	ALL	463165.3	3772933	NonCancer	0.00E+00	6.20E-08	3.73E-06	0.00E+00	0.00E+00	3.76E-06	1.94E-06	0.00E+00	2.96E-06	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	3.76E-06
1115	ALL	463181.8	3772940	NonCancer	0.00E+00	5.84E-08	3.52E-06	0.00E+00	0.00E+00	3.54E-06	1.82E-06	0.00E+00	2.79E-06	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	3.54E-06
1116	ALL	463198.3	3772947	NonCancer	0.00E+00	5.94E-08	3.58E-06	0.00E+00	0.00E+00	3.61E-06	1.85E-06	0.00E+00	2.83E-06	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	3.61E-06
1117	ALL	463210	3772959	NonCancer	0.00E+00	6.05E-08	3.64E-06	0.00E+00	0.00E+00	3.67E-06	1.89E-06	0.00E+00	2.89E-06	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	3.67E-06
1118	ALL	463216.9	3772975	NonCancer	0.00E+00	6.15E-08	3.70E-06	0.00E+00	0.00E+00	3.73E-06	1.92E-06	0.00E+00	2.93E-06	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	3.73E-06
1119	ALL	463223.7	3772991	NonCancer	0.00E+00	6.48E-08	3.90E-06	0.00E+00	0.00E+00	3.93E-06	2.02E-06	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	3.93E-06
1120	ALL	463230.6	3773008	NonCancer	0.00E+00	6.78E-08	4.08E-06	0.00E+00	0.00E+00	4.11E-06	2.12E-06	0.00E+00	3.23E-06	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	4.11E-06
1121	ALL	463237.5	3773024	NonCancer	0.00E+00	7.28E-08	4.38E-06	0.00E+00	0.00E+00	4.42E-06	2.27E-06	0.00E+00	3.47E-06	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	4.42E-06
1122	ALL	463244.4	3773041	NonCancer	0.00E+00	7.49E-08	4.51E-06	0.00E+00	0.00E+00	4.54E-06	2.34E-06	0.00E+00	3.57E-06	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	4.54E-06
1123	ALL	463251.2	3773057	NonCancer	0.00E+00	8.12E-08	4.89E-06	0.00E+00	0.00E+00	4.93E-06	2.53E-06	0.00E+00	3.87E-06	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	4.93E-06
1124	ALL	463258.1	3773074	NonCancer	0.00E+00	8.60E-08	5.18E-06	0.00E+00	0.00E+00	5.22E-06	2.68E-06	0.00E+00	4.10E-06	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	5.22E-06
1125	ALL	463265	3773090	NonCancer	0.00E+00	9.16E-08	5.51E-06	0.00E+00	0.00E+00	5.56E-06	2.86E-06	0.00E+00	4.37E-06	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	5.56E-06
1126	ALL	463271.8	3773107	NonCancer	0.00E+00	1.02E-07	6.16E-06	0.00E+00	0.00E+00	6.20E-06	3.19E-06	0.00E+00	4.88E-06	0.00E+00	0.00E+00	6.16E-06	0.00E+00	0.00E+00	6.20E-06
1127	ALL	463278.7	3773123	NonCancer	0.00E+00	1.08E-07	6.51E-06	0.00E+00	0.00E+00	6.56E-06	3.37E-06	0.00E+00	5.16E-06	0.00E+00	0.00E+00	6.51E-06	0.00E+00	0.00E+00	6.56E-06
1128	ALL	463179.9	3772919	NonCancer	0.00E+00	5.69E-08	3.43E-06	0.00E+00	0.00E+00	3.45E-06	1.78E-06	0.00E+00	2.72E-06	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	3.45E-06
1129	ALL	463196.2	3772926	NonCancer	0.00E+00	5.69E-08	3.42E-06	0.00E+00	0.00E+00	3.45E-06	1.77E-06	0.00E+00	2.71E-06	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	3.45E-06
1130	ALL	463212.5	3772933	NonCancer	0.00E+00	5.76E-08	3.47E-06	0.00E+00	0.00E+00	3.50E-06	1.80E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	3.50E-06
1131	ALL	463224.1	3772944	NonCancer	0.00E+00	5.84E-08	3.51E-06	0.00E+00	0.00E+00	3.54E-06	1.82E-06	0.00E+00	2.78E-06	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	3.54E-06
1132	ALL	463230.9	3772961	NonCancer	0.00E+00	5.92E-08	3.57E-06	0.00E+00	0.00E+00	3.59E-06	1.85E-06	0.00E+00	2.82E-06	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	3.59E-06

1133	ALL	463237.7	3772977	NonCancer	0.00E+00	6.28E-08	3.78E-06	0.00E+00	0.00E+00	3.81E-06	1.96E-06	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.78E-06	0.00E+00	0.00E+00	3.81E-06
1134	ALL	463244.5	3772993	NonCancer	0.00E+00	6.50E-08	3.91E-06	0.00E+00	0.00E+00	3.95E-06	2.03E-06	0.00E+00	3.10E-06	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	3.95E-06
1135	ALL	463251.3	3773009	NonCancer	0.00E+00	7.00E-08	4.21E-06	0.00E+00	0.00E+00	4.25E-06	2.18E-06	0.00E+00	3.34E-06	0.00E+00	0.00E+00	4.21E-06	0.00E+00	0.00E+00	4.25E-06
1136	ALL	463258.1	3773026	NonCancer	0.00E+00	7.27E-08	4.38E-06	0.00E+00	0.00E+00	4.41E-06	2.27E-06	0.00E+00	3.47E-06	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	4.41E-06
1137	ALL	463264.8	3773042	NonCancer	0.00E+00	7.66E-08	4.61E-06	0.00E+00	0.00E+00	4.65E-06	2.39E-06	0.00E+00	3.65E-06	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	4.65E-06
1138	ALL	463271.6	3773058	NonCancer	0.00E+00	8.25E-08	4.96E-06	0.00E+00	0.00E+00	5.00E-06	2.57E-06	0.00E+00	3.93E-06	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	5.00E-06
1139	ALL	463278.4	3773075	NonCancer	0.00E+00	8.60E-08	5.18E-06	0.00E+00	0.00E+00	5.22E-06	2.68E-06	0.00E+00	4.10E-06	0.00E+00	0.00E+00	5.18E-06	0.00E+00	0.00E+00	5.22E-06
1140	ALL	463285.2	3773091	NonCancer	0.00E+00	9.45E-08	5.69E-06	0.00E+00	0.00E+00	5.73E-06	2.95E-06	0.00E+00	4.51E-06	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	5.73E-06
1141	ALL	463292	3773107	NonCancer	0.00E+00	1.03E-07	6.23E-06	0.00E+00	0.00E+00	6.28E-06	3.23E-06	0.00E+00	4.93E-06	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	6.28E-06
1142	ALL	463298.8	3773124	NonCancer	0.00E+00	1.08E-07	6.52E-06	0.00E+00	0.00E+00	6.57E-06	3.38E-06	0.00E+00	5.17E-06	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	6.57E-06
1143	ALL	463041.7	3772832	NonCancer	0.00E+00	3.75E-08	2.26E-06	0.00E+00	0.00E+00	2.27E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.27E-06
1144	ALL	463058.4	3772839	NonCancer	0.00E+00	4.10E-08	2.47E-06	0.00E+00	0.00E+00	2.49E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.49E-06
1145	ALL	463066.7	3772843	NonCancer	0.00E+00	4.43E-08	2.67E-06	0.00E+00	0.00E+00	2.69E-06	1.38E-06	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	2.69E-06
1146	ALL	463075	3772846	NonCancer	0.00E+00	4.73E-08	2.85E-06	0.00E+00	0.00E+00	2.87E-06	1.48E-06	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	2.87E-06
1147	ALL	463091.7	3772853	NonCancer	0.00E+00	5.57E-08	3.35E-06	0.00E+00	0.00E+00	3.38E-06	1.74E-06	0.00E+00	2.66E-06	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	3.38E-06
1148	ALL	463100.1	3772856	NonCancer	0.00E+00	6.05E-08	3.64E-06	0.00E+00	0.00E+00	3.67E-06	1.89E-06	0.00E+00	2.89E-06	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	3.67E-06
1149	ALL	463245.3	3772923	NonCancer	0.00E+00	5.48E-08	3.30E-06	0.00E+00	0.00E+00	3.32E-06	1.71E-06	0.00E+00	2.61E-06	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	3.32E-06
1150	ALL	463252.3	3772940	NonCancer	0.00E+00	5.59E-08	3.36E-06	0.00E+00	0.00E+00	3.39E-06	1.74E-06	0.00E+00	2.67E-06	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	3.39E-06
1151	ALL	463255.7	3772948	NonCancer	0.00E+00	5.78E-08	3.48E-06	0.00E+00	0.00E+00	3.51E-06	1.80E-06	0.00E+00	2.76E-06	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	3.51E-06
1152	ALL	463262.7	3772965	NonCancer	0.00E+00	6.13E-08	3.69E-06	0.00E+00	0.00E+00	3.72E-06	1.91E-06	0.00E+00	2.92E-06	0.00E+00	0.00E+00	3.69E-06	0.00E+00	0.00E+00	3.72E-06
1153	ALL	463269.6	3772981	NonCancer	0.00E+00	6.38E-08	3.84E-06	0.00E+00	0.00E+00	3.87E-06	1.99E-06	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	3.87E-06
1154	ALL	463276.6	3772998	NonCancer	0.00E+00	6.83E-08	4.11E-06	0.00E+00	0.00E+00	4.15E-06	2.13E-06	0.00E+00	3.26E-06	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	4.15E-06
1155	ALL	463280	3773006	NonCancer	0.00E+00	6.97E-08	4.20E-06	0.00E+00	0.00E+00	4.23E-06	2.17E-06	0.00E+00	3.32E-06	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	4.23E-06
1156	ALL	463287	3773023	NonCancer	0.00E+00	7.17E-08	4.31E-06	0.00E+00	0.00E+00	4.35E-06	2.24E-06	0.00E+00	3.42E-06	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	4.35E-06
1157	ALL	463290.4	3773031	NonCancer	0.00E+00	7.50E-08	4.52E-06	0.00E+00	0.00E+00	4.55E-06	2.34E-06	0.00E+00	3.58E-06	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	4.55E-06
1158	ALL	463297.4	3773048	NonCancer	0.00E+00	8.06E-08	4.85E-06	0.00E+00	0.00E+00	4.89E-06	2.51E-06	0.00E+00	3.84E-06	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	4.89E-06
1159	ALL	463300.8	3773056	NonCancer	0.00E+00	8.26E-08	4.97E-06	0.00E+00	0.00E+00	5.01E-06	2.58E-06	0.00E+00	3.94E-06	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	5.01E-06
1160	ALL	463307.8	3773073	NonCancer	0.00E+00	8.80E-08	5.29E-06	0.00E+00	0.00E+00	5.34E-06	2.74E-06	0.00E+00	4.19E-06	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	5.34E-06
1161	ALL	463314.7	3773090	NonCancer	0.00E+00	9.73E-08	5.85E-06	0.00E+00	0.00E+00	5.90E-06	3.03E-06	0.00E+00	4.64E-06	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	5.90E-06
1162	ALL	463321.6	3773106	NonCancer	0.00E+00	1.05E-07	6.34E-06	0.00E+00	0.00E+00	6.39E-06	3.29E-06	0.00E+00	5.02E-06	0.00E+00	0.00E+00	6.34E-06	0.00E+00	0.00E+00	6.39E-06
1163	ALL	463325.1	3773115	NonCancer	0.00E+00	1.08E-07	6.51E-06	0.00E+00	0.00E+00	6.57E-06	3.38E-06	0.00E+00	5.16E-06	0.00E+00	0.00E+00	6.51E-06	0.00E+00	0.00E+00	6.57E-06
1164	ALL	463332.1	3773131	NonCancer	0.00E+00	1.16E-07	6.97E-06	0.00E+00	0.00E+00	7.02E-06	3.61E-06	0.00E+00	5.52E-06	0.00E+00	0.00E+00	6.97E-06	0.00E+00	0.00E+00	7.02E-06
1165	ALL	463049.3	3772806	NonCancer	0.00E+00	3.56E-08	2.14E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.16E-06
1166	ALL	463065.8	3772812	NonCancer	0.00E+00	3.89E-08	2.34E-06	0.00E+00	0.00E+00	2.36E-06	1.21E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.36E-06
1167	ALL	463082.2	3772819	NonCancer	0.00E+00	4.41E-08	2.66E-06	0.00E+00	0.00E+00	2.68E-06	1.38E-06	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	2.68E-06
1168	ALL	463098.7	3772826	NonCancer	0.00E+00	5.13E-08	3.09E-06	0.00E+00	0.00E+00	3.11E-06	1.60E-06	0.00E+00	2.45E-06	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.11E-06
1169	ALL	463115.1	3772833	NonCancer	0.00E+00	5.92E-08	3.56E-06	0.00E+00	0.00E+00	3.59E-06	1.85E-06	0.00E+00	2.82E-06	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	3.59E-06
1170	ALL	463131.5	3772839	NonCancer	0.00E+00	6.38E-08	3.84E-06	0.00E+00	0.00E+00	3.87E-06	1.99E-06	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	3.87E-06
1171	ALL	463148	3772846	NonCancer	0.00E+00	6.40E-08	3.85E-06	0.00E+00	0.00E+00	3.88E-06	2.00E-06	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	3.88E-06
1172	ALL	463164.4	3772853	NonCancer	0.00E+00	6.04E-08	3.63E-06	0.00E+00	0.00E+00	3.66E-06	1.88E-06	0.00E+00	2.88E-06	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	3.66E-06
1173	ALL	463180.8	3772860	NonCancer	0.00E+00	5.66E-08	3.41E-06	0.00E+00	0.00E+00	3.44E-06	1.77E-06	0.00E+00	2.70E-06	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	3.44E-06
1174	ALL	463280.1	3772935	NonCancer	0.00E+00	5.68E-08	3.42E-06	0.00E+00	0.00E+00	3.45E-06	1.77E-06	0.00E+00	2.71E-06	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	3.45E-06
1175	ALL	463287	3772951	NonCancer	0.00E+00	5.95E-08	3.58E-06	0.00E+00	0.00E+00	3.61E-06	1.86E-06	0.00E+00	2.84E-06	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	3.61E-06
1176	ALL	463293.8	3772967	NonCancer	0.00E+00	6.22E-08	3.75E-06	0.00E+00	0.00E+00	3.78E-06	1.94E-06	0.00E+00	2.97E-06	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	3.78E-06
1177	ALL	463300.6	3772984	NonCancer	0.00E+00	6.61E-08	3.98E-06	0.00E+00	0.00E+00	4.01E-06	2.06E-06	0.00E+00	3.15E-06	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	4.01E-06
1178	ALL	463307.5	3773000	NonCancer	0.00E+00	6.80E-08	4.09E-06	0.00E+00	0.00E+00	4.13E-06	2.12E-06	0.00E+00	3.24E-06	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	4.13E-06
1179	ALL	463314.3	3773017	NonCancer	0.00E+00	7.19E-08	4.33E-06	0.00E+00	0.00E+00	4.36E-06	2.24E-06	0.00E+00	3.43E-06	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	4.36E-06
1180	ALL	463321.1	3773033	NonCancer	0.00E+00	7.73E-08	4.65E-06	0.00E+00	0.00E+00	4.69E-06	2.41E-06	0.00E+00	3.68E-06	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	4.69E-06
1181	ALL	463328	3773049	NonCancer	0.00E+00	8.12E-08	4.89E-06	0.00E+00	0.00E+00	4.93E-06	2.53E-06	0.00E+00	3.87E-06	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	4.93E-06
1182	ALL	463334.8	3773066	NonCancer	0.00E+00	8.72E-08	5.25E-06	0.00E+00	0.00E+00	5.29E-06	2.72E-06	0.00E+00	4.16E-06	0.00E+00	0.00E+00	5.25E-06	0.00E+00	0.00E+00	5.29E-06
1183	ALL	463341.6	3773082	NonCancer	0.00E+00	9.56E-08	5.75E-06	0.00E+00	0.00E+00	5.80E-06	2.98E-06	0.00E+00	4.56E-06	0.00E+00	0.00E+00	5.75E-06	0.00E+00	0.00E+00	5.80E-06
1184	ALL	463348.5	3773099	NonCancer	0.00E+00	1.04E-07	6.24E-06	0.00E+00	0.00E+00	6.29E-06	3.23E-06	0.00E+00	4.94E-06	0.00E+00	0.00E+00	6.24E-06	0.00E+00	0.00E+00	6.29E-06
1185	ALL	463355.3	3773115	NonCancer	0.00E+00	1.10E-07	6.61E-06	0.00E+00	0.00E+00	6.67E-06	3.43E-06	0.00E+00	5.24E-06	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	6.67E-06
1186	ALL	463362.2	3773132	NonCancer	0.00E+00	1.20E-07	7.20E-06	0.00E+00	0.00E+00	7.25E-06	3.73E-06	0.00E+00	5.70E-06	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	7.25E-06

1187	ALL	463041.6	3772772	NonCancer	0.00E+00	3.22E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
1188	ALL	463058.4	3772779	NonCancer	0.00E+00	3.45E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.08E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06
1189	ALL	463066.7	3772783	NonCancer	0.00E+00	3.54E-08	2.13E-06	0.00E+00	0.00E+00	2.15E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.15E-06
1190	ALL	463075.1	3772786	NonCancer	0.00E+00	3.76E-08	2.27E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.28E-06
1191	ALL	463083.5	3772790	NonCancer	0.00E+00	4.00E-08	2.41E-06	0.00E+00	0.00E+00	2.42E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	2.42E-06
1192	ALL	463100.2	3772797	NonCancer	0.00E+00	4.52E-08	2.72E-06	0.00E+00	0.00E+00	2.74E-06	1.41E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	2.74E-06
1193	ALL	463108.6	3772800	NonCancer	0.00E+00	4.91E-08	2.96E-06	0.00E+00	0.00E+00	2.98E-06	1.53E-06	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.96E-06	0.00E+00	0.00E+00	2.98E-06
1194	ALL	463116.9	3772803	NonCancer	0.00E+00	5.28E-08	3.18E-06	0.00E+00	0.00E+00	3.20E-06	1.65E-06	0.00E+00	2.52E-06	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	3.20E-06
1195	ALL	463133.6	3772810	NonCancer	0.00E+00	5.83E-08	3.51E-06	0.00E+00	0.00E+00	3.54E-06	1.82E-06	0.00E+00	2.78E-06	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	3.54E-06
1196	ALL	463142	3772814	NonCancer	0.00E+00	5.98E-08	3.60E-06	0.00E+00	0.00E+00	3.63E-06	1.87E-06	0.00E+00	2.85E-06	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	3.63E-06
1197	ALL	463150.4	3772817	NonCancer	0.00E+00	6.03E-08	3.63E-06	0.00E+00	0.00E+00	3.66E-06	1.88E-06	0.00E+00	2.88E-06	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	3.66E-06
1198	ALL	463158.7	3772821	NonCancer	0.00E+00	5.99E-08	3.60E-06	0.00E+00	0.00E+00	3.63E-06	1.87E-06	0.00E+00	2.86E-06	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	3.63E-06
1199	ALL	463175.5	3772828	NonCancer	0.00E+00	5.66E-08	3.40E-06	0.00E+00	0.00E+00	3.43E-06	1.77E-06	0.00E+00	2.70E-06	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.43E-06
1200	ALL	463183.8	3772831	NonCancer	0.00E+00	5.41E-08	3.25E-06	0.00E+00	0.00E+00	3.28E-06	1.69E-06	0.00E+00	2.58E-06	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	3.28E-06
1201	ALL	463192.2	3772834	NonCancer	0.00E+00	5.29E-08	3.19E-06	0.00E+00	0.00E+00	3.21E-06	1.65E-06	0.00E+00	2.53E-06	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	3.21E-06
1202	ALL	463208.9	3772841	NonCancer	0.00E+00	4.96E-08	2.99E-06	0.00E+00	0.00E+00	3.01E-06	1.55E-06	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.01E-06
1203	ALL	463217.3	3772845	NonCancer	0.00E+00	4.78E-08	2.87E-06	0.00E+00	0.00E+00	2.90E-06	1.49E-06	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	2.90E-06
1204	ALL	463225.7	3772848	NonCancer	0.00E+00	4.77E-08	2.87E-06	0.00E+00	0.00E+00	2.89E-06	1.49E-06	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	2.89E-06
1205	ALL	463234	3772852	NonCancer	0.00E+00	4.81E-08	2.89E-06	0.00E+00	0.00E+00	2.92E-06	1.50E-06	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	2.92E-06
1206	ALL	463250.7	3772859	NonCancer	0.00E+00	4.87E-08	2.93E-06	0.00E+00	0.00E+00	2.96E-06	1.52E-06	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.93E-06	0.00E+00	0.00E+00	2.96E-06
1207	ALL	463259.1	3772862	NonCancer	0.00E+00	4.86E-08	2.92E-06	0.00E+00	0.00E+00	2.95E-06	1.52E-06	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	2.95E-06
1208	ALL	463305.1	3772922	NonCancer	0.00E+00	5.49E-08	3.31E-06	0.00E+00	0.00E+00	3.33E-06	1.71E-06	0.00E+00	2.62E-06	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	3.33E-06
1209	ALL	463312	3772939	NonCancer	0.00E+00	5.69E-08	3.42E-06	0.00E+00	0.00E+00	3.45E-06	1.77E-06	0.00E+00	2.71E-06	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	3.45E-06
1210	ALL	463315.5	3772947	NonCancer	0.00E+00	5.80E-08	3.49E-06	0.00E+00	0.00E+00	3.52E-06	1.81E-06	0.00E+00	2.77E-06	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	3.52E-06
1211	ALL	463322.5	3772964	NonCancer	0.00E+00	6.19E-08	3.72E-06	0.00E+00	0.00E+00	3.75E-06	1.93E-06	0.00E+00	2.95E-06	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	3.75E-06
1212	ALL	463329.4	3772981	NonCancer	0.00E+00	6.41E-08	3.86E-06	0.00E+00	0.00E+00	3.89E-06	2.00E-06	0.00E+00	3.06E-06	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	3.89E-06
1213	ALL	463332.9	3772989	NonCancer	0.00E+00	6.47E-08	3.90E-06	0.00E+00	0.00E+00	3.93E-06	2.02E-06	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	3.93E-06
1214	ALL	463339.9	3773006	NonCancer	0.00E+00	6.91E-08	4.16E-06	0.00E+00	0.00E+00	4.20E-06	2.16E-06	0.00E+00	3.30E-06	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	4.20E-06
1215	ALL	463346.8	3773023	NonCancer	0.00E+00	7.42E-08	4.47E-06	0.00E+00	0.00E+00	4.50E-06	2.31E-06	0.00E+00	3.54E-06	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	4.50E-06
1216	ALL	463350.3	3773031	NonCancer	0.00E+00	7.63E-08	4.59E-06	0.00E+00	0.00E+00	4.63E-06	2.38E-06	0.00E+00	3.64E-06	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	4.63E-06
1217	ALL	463357.3	3773048	NonCancer	0.00E+00	8.15E-08	4.91E-06	0.00E+00	0.00E+00	4.94E-06	2.54E-06	0.00E+00	3.89E-06	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	4.94E-06
1218	ALL	463364.2	3773064	NonCancer	0.00E+00	8.78E-08	5.29E-06	0.00E+00	0.00E+00	5.33E-06	2.74E-06	0.00E+00	4.19E-06	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	5.33E-06
1219	ALL	463367.7	3773073	NonCancer	0.00E+00	9.27E-08	5.58E-06	0.00E+00	0.00E+00	5.63E-06	2.89E-06	0.00E+00	4.42E-06	0.00E+00	0.00E+00	5.58E-06	0.00E+00	0.00E+00	5.63E-06
1220	ALL	463374.6	3773089	NonCancer	0.00E+00	1.02E-07	6.16E-06	0.00E+00	0.00E+00	6.21E-06	3.19E-06	0.00E+00	4.88E-06	0.00E+00	0.00E+00	6.16E-06	0.00E+00	0.00E+00	6.21E-06
1221	ALL	463381.6	3773106	NonCancer	0.00E+00	1.12E-07	6.73E-06	0.00E+00	0.00E+00	6.79E-06	3.49E-06	0.00E+00	5.33E-06	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	6.79E-06
1222	ALL	463385.1	3773114	NonCancer	0.00E+00	1.19E-07	7.14E-06	0.00E+00	0.00E+00	7.19E-06	3.70E-06	0.00E+00	5.65E-06	0.00E+00	0.00E+00	7.14E-06	0.00E+00	0.00E+00	7.19E-06
1223	ALL	463392	3773131	NonCancer	0.00E+00	1.36E-07	8.18E-06	0.00E+00	0.00E+00	8.25E-06	4.24E-06	0.00E+00	6.48E-06	0.00E+00	0.00E+00	8.18E-06	0.00E+00	0.00E+00	8.25E-06
1224	ALL	463032.9	3772739	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.33E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
1225	ALL	463049.4	3772746	NonCancer	0.00E+00	3.11E-08	1.87E-06	0.00E+00	0.00E+00	1.89E-06	9.71E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.89E-06
1226	ALL	463065.9	3772752	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.02E-06
1227	ALL	463082.4	3772759	NonCancer	0.00E+00	3.60E-08	2.17E-06	0.00E+00	0.00E+00	2.18E-06	1.12E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.18E-06
1228	ALL	463098.9	3772766	NonCancer	0.00E+00	3.98E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
1229	ALL	463115.5	3772773	NonCancer	0.00E+00	4.59E-08	2.76E-06	0.00E+00	0.00E+00	2.78E-06	1.43E-06	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	2.78E-06
1230	ALL	463132	3772780	NonCancer	0.00E+00	5.20E-08	3.13E-06	0.00E+00	0.00E+00	3.15E-06	1.62E-06	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.15E-06
1231	ALL	463148.5	3772786	NonCancer	0.00E+00	5.58E-08	3.36E-06	0.00E+00	0.00E+00	3.38E-06	1.74E-06	0.00E+00	2.66E-06	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	3.38E-06
1232	ALL	463165	3772793	NonCancer	0.00E+00	5.65E-08	3.40E-06	0.00E+00	0.00E+00	3.43E-06	1.76E-06	0.00E+00	2.69E-06	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.43E-06
1233	ALL	463181.5	3772800	NonCancer	0.00E+00	5.41E-08	3.26E-06	0.00E+00	0.00E+00	3.28E-06	1.69E-06	0.00E+00	2.58E-06	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	3.28E-06
1234	ALL	463198	3772807	NonCancer	0.00E+00	5.00E-08	3.01E-06	0.00E+00	0.00E+00	3.03E-06	1.56E-06	0.00E+00	2.38E-06	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.03E-06
1235	ALL	463214.5	3772814	NonCancer	0.00E+00	4.74E-08	2.85E-06	0.00E+00	0.00E+00	2.87E-06	1.48E-06	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	2.87E-06
1236	ALL	463231.1	3772820	NonCancer	0.00E+00	4.41E-08	2.65E-06	0.00E+00	0.00E+00	2.68E-06	1.38E-06	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	2.68E-06
1237	ALL	463247.6	3772827	NonCancer	0.00E+00	4.56E-08	2.75E-06	0.00E+00	0.00E+00	2.77E-06	1.42E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.77E-06
1238	ALL	463264.1	3772834	NonCancer	0.00E+00	4.62E-08	2.78E-06	0.00E+00	0.00E+00	2.80E-06	1.44E-06	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	2.80E-06
1239	ALL	463280.6	3772841	NonCancer	0.00E+00	4.58E-08	2.76E-06	0.00E+00	0.00E+00	2.78E-06	1.43E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	2.78E-06
1240	ALL	463297.1	3772848	NonCancer	0.00E+00	4.54E-08	2.73E-06	0.00E+00	0.00E+00	2.76E-06	1.42E-06	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	2.76E-06

1241	ALL	463308.8	3772859	NonCancer	0.00E+00	4.54E-08	2.74E-06	0.00E+00	0.00E+00	2.76E-06	1.42E-06	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	2.76E-06
1242	ALL	463336.3	3772925	NonCancer	0.00E+00	5.46E-08	3.29E-06	0.00E+00	0.00E+00	3.31E-06	1.70E-06	0.00E+00	2.60E-06	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	3.31E-06
1243	ALL	463343.1	3772942	NonCancer	0.00E+00	5.80E-08	3.49E-06	0.00E+00	0.00E+00	3.52E-06	1.81E-06	0.00E+00	2.76E-06	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	3.52E-06
1244	ALL	463350	3772958	NonCancer	0.00E+00	6.10E-08	3.67E-06	0.00E+00	0.00E+00	3.70E-06	1.90E-06	0.00E+00	2.91E-06	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	3.70E-06
1245	ALL	463356.9	3772975	NonCancer	0.00E+00	6.30E-08	3.80E-06	0.00E+00	0.00E+00	3.83E-06	1.97E-06	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	3.83E-06
1246	ALL	463363.7	3772991	NonCancer	0.00E+00	6.81E-08	4.10E-06	0.00E+00	0.00E+00	4.13E-06	2.12E-06	0.00E+00	3.25E-06	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	4.13E-06
1247	ALL	463370.6	3773008	NonCancer	0.00E+00	7.48E-08	4.51E-06	0.00E+00	0.00E+00	4.54E-06	2.33E-06	0.00E+00	3.57E-06	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	4.54E-06
1248	ALL	463377.5	3773024	NonCancer	0.00E+00	8.20E-08	4.94E-06	0.00E+00	0.00E+00	4.98E-06	2.56E-06	0.00E+00	3.91E-06	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	4.98E-06
1249	ALL	463384.4	3773041	NonCancer	0.00E+00	9.28E-08	5.59E-06	0.00E+00	0.00E+00	5.64E-06	2.90E-06	0.00E+00	4.43E-06	0.00E+00	0.00E+00	5.59E-06	0.00E+00	0.00E+00	5.64E-06
1250	ALL	463391.2	3773057	NonCancer	0.00E+00	1.08E-07	6.49E-06	0.00E+00	0.00E+00	6.54E-06	3.36E-06	0.00E+00	5.14E-06	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	6.54E-06
1251	ALL	463398.1	3773074	NonCancer	0.00E+00	1.33E-07	8.01E-06	0.00E+00	0.00E+00	8.07E-06	4.15E-06	0.00E+00	6.34E-06	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	8.07E-06
1252	ALL	463405	3773090	NonCancer	0.00E+00	1.81E-07	1.09E-05	0.00E+00	0.00E+00	1.10E-05	5.63E-06	0.00E+00	8.61E-06	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	1.10E-05
1253	ALL	463033.2	3772709	NonCancer	0.00E+00	2.83E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.84E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
1254	ALL	463041.6	3772712	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.75E-06	8.97E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.75E-06
1255	ALL	463050	3772716	NonCancer	0.00E+00	2.95E-08	1.78E-06	0.00E+00	0.00E+00	1.79E-06	9.21E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	1.79E-06
1256	ALL	463066.7	3772723	NonCancer	0.00E+00	3.15E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.82E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
1257	ALL	463075.1	3772726	NonCancer	0.00E+00	3.23E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
1258	ALL	463083.5	3772730	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.02E-06
1259	ALL	463091.9	3772733	NonCancer	0.00E+00	3.50E-08	2.10E-06	0.00E+00	0.00E+00	2.12E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.12E-06
1260	ALL	463108.6	3772740	NonCancer	0.00E+00	3.84E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
1261	ALL	463117	3772744	NonCancer	0.00E+00	4.11E-08	2.47E-06	0.00E+00	0.00E+00	2.49E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.49E-06
1262	ALL	463125.4	3772747	NonCancer	0.00E+00	4.42E-08	2.66E-06	0.00E+00	0.00E+00	2.68E-06	1.38E-06	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	2.68E-06
1263	ALL	463133.8	3772750	NonCancer	0.00E+00	4.70E-08	2.83E-06	0.00E+00	0.00E+00	2.85E-06	1.47E-06	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	2.85E-06
1264	ALL	463150.5	3772757	NonCancer	0.00E+00	5.13E-08	3.09E-06	0.00E+00	0.00E+00	3.11E-06	1.60E-06	0.00E+00	2.45E-06	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.11E-06
1265	ALL	463158.9	3772761	NonCancer	0.00E+00	5.26E-08	3.16E-06	0.00E+00	0.00E+00	3.19E-06	1.64E-06	0.00E+00	2.51E-06	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.19E-06
1266	ALL	463167.3	3772764	NonCancer	0.00E+00	5.31E-08	3.19E-06	0.00E+00	0.00E+00	3.22E-06	1.66E-06	0.00E+00	2.53E-06	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	3.22E-06
1267	ALL	463175.7	3772768	NonCancer	0.00E+00	5.29E-08	3.18E-06	0.00E+00	0.00E+00	3.21E-06	1.65E-06	0.00E+00	2.52E-06	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	3.21E-06
1268	ALL	463184.1	3772771	NonCancer	0.00E+00	5.20E-08	3.13E-06	0.00E+00	0.00E+00	3.15E-06	1.62E-06	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.15E-06
1269	ALL	463200.8	3772778	NonCancer	0.00E+00	4.85E-08	2.92E-06	0.00E+00	0.00E+00	2.94E-06	1.51E-06	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	2.94E-06
1270	ALL	463209.2	3772781	NonCancer	0.00E+00	4.62E-08	2.78E-06	0.00E+00	0.00E+00	2.80E-06	1.44E-06	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	2.80E-06
1271	ALL	463217.6	3772785	NonCancer	0.00E+00	4.50E-08	2.71E-06	0.00E+00	0.00E+00	2.73E-06	1.41E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.73E-06
1272	ALL	463226	3772788	NonCancer	0.00E+00	4.36E-08	2.62E-06	0.00E+00	0.00E+00	2.64E-06	1.36E-06	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	2.64E-06
1273	ALL	463242.7	3772795	NonCancer	0.00E+00	4.14E-08	2.49E-06	0.00E+00	0.00E+00	2.51E-06	1.29E-06	0.00E+00	1.97E-06	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	2.51E-06
1274	ALL	463251.1	3772799	NonCancer	0.00E+00	4.20E-08	2.53E-06	0.00E+00	0.00E+00	2.55E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	2.55E-06
1275	ALL	463259.5	3772802	NonCancer	0.00E+00	4.29E-08	2.58E-06	0.00E+00	0.00E+00	2.60E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.60E-06
1276	ALL	463267.9	3772806	NonCancer	0.00E+00	4.34E-08	2.61E-06	0.00E+00	0.00E+00	2.63E-06	1.35E-06	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	2.63E-06
1277	ALL	463284.6	3772813	NonCancer	0.00E+00	4.35E-08	2.62E-06	0.00E+00	0.00E+00	2.64E-06	1.36E-06	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	2.64E-06
1278	ALL	463293	3772816	NonCancer	0.00E+00	4.31E-08	2.60E-06	0.00E+00	0.00E+00	2.62E-06	1.35E-06	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	2.62E-06
1279	ALL	463301.4	3772819	NonCancer	0.00E+00	4.30E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
1280	ALL	463309.8	3772823	NonCancer	0.00E+00	4.30E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
1281	ALL	463330	3772838	NonCancer	0.00E+00	4.44E-08	2.67E-06	0.00E+00	0.00E+00	2.70E-06	1.39E-06	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	2.70E-06
1282	ALL	463337	3772855	NonCancer	0.00E+00	4.67E-08	2.81E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	2.84E-06
1283	ALL	463368.4	3772930	NonCancer	0.00E+00	6.57E-08	3.96E-06	0.00E+00	0.00E+00	3.99E-06	2.05E-06	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	3.99E-06
1284	ALL	463375.3	3772947	NonCancer	0.00E+00	7.17E-08	4.32E-06	0.00E+00	0.00E+00	4.35E-06	2.24E-06	0.00E+00	3.42E-06	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	4.35E-06
1285	ALL	463382.3	3772964	NonCancer	0.00E+00	7.89E-08	4.76E-06	0.00E+00	0.00E+00	4.79E-06	2.46E-06	0.00E+00	3.76E-06	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	4.79E-06
1286	ALL	463389.3	3772980	NonCancer	0.00E+00	9.15E-08	5.51E-06	0.00E+00	0.00E+00	5.56E-06	2.86E-06	0.00E+00	4.36E-06	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	5.56E-06
1287	ALL	463396.3	3772997	NonCancer	0.00E+00	1.11E-07	6.69E-06	0.00E+00	0.00E+00	6.74E-06	3.46E-06	0.00E+00	5.29E-06	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	6.74E-06
1288	ALL	463403.2	3773014	NonCancer	0.00E+00	1.47E-07	8.86E-06	0.00E+00	0.00E+00	8.93E-06	4.59E-06	0.00E+00	7.01E-06	0.00E+00	0.00E+00	8.86E-06	0.00E+00	0.00E+00	8.93E-06
1289	ALL	463448.5	3773123	NonCancer	0.00E+00	1.17E-07	7.04E-06	0.00E+00	0.00E+00	7.10E-06	3.65E-06	0.00E+00	5.58E-06	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	7.10E-06
1290	ALL	463032.8	3772679	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.64E-06	8.41E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.64E-06
1291	ALL	463049.4	3772686	NonCancer	0.00E+00	2.80E-08	1.68E-06	0.00E+00	0.00E+00	1.70E-06	8.73E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.70E-06
1292	ALL	463066	3772693	NonCancer	0.00E+00	2.97E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.27E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06
1293	ALL	463082.6	3772699	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.89E-06	9.74E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.89E-06
1294	ALL	463099.1	3772706	NonCancer	0.00E+00	3.35E-08	2.02E-06	0.00E+00	0.00E+00	2.03E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.03E-06

1295	ALL	463115.7	3772713	NonCancer	0.00E+00	3.64E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
1296	ALL	463124	3772716	NonCancer	0.00E+00	3.88E-08	2.34E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.35E-06
1297	ALL	463140.6	3772723	NonCancer	0.00E+00	4.39E-08	2.64E-06	0.00E+00	0.00E+00	2.67E-06	1.37E-06	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	2.67E-06
1298	ALL	463157.1	3772730	NonCancer	0.00E+00	4.78E-08	2.88E-06	0.00E+00	0.00E+00	2.90E-06	1.49E-06	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	2.90E-06
1299	ALL	463173.7	3772737	NonCancer	0.00E+00	4.96E-08	2.99E-06	0.00E+00	0.00E+00	3.01E-06	1.55E-06	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.01E-06
1300	ALL	463190.3	3772744	NonCancer	0.00E+00	4.89E-08	2.94E-06	0.00E+00	0.00E+00	2.97E-06	1.53E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	2.97E-06
1301	ALL	463206.9	3772751	NonCancer	0.00E+00	4.60E-08	2.77E-06	0.00E+00	0.00E+00	2.79E-06	1.43E-06	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	2.79E-06
1302	ALL	463223.4	3772757	NonCancer	0.00E+00	4.20E-08	2.53E-06	0.00E+00	0.00E+00	2.55E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	2.55E-06
1303	ALL	463231.7	3772761	NonCancer	0.00E+00	4.08E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.27E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
1304	ALL	463248.3	3772768	NonCancer	0.00E+00	3.94E-08	2.37E-06	0.00E+00	0.00E+00	2.39E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.39E-06
1305	ALL	463264.9	3772774	NonCancer	0.00E+00	3.96E-08	2.38E-06	0.00E+00	0.00E+00	2.40E-06	1.23E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	2.40E-06
1306	ALL	463281.4	3772781	NonCancer	0.00E+00	4.09E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.28E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
1307	ALL	463289.7	3772785	NonCancer	0.00E+00	4.12E-08	2.48E-06	0.00E+00	0.00E+00	2.50E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	2.50E-06
1308	ALL	463306.3	3772791	NonCancer	0.00E+00	4.12E-08	2.48E-06	0.00E+00	0.00E+00	2.50E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	2.50E-06
1309	ALL	463322.9	3772798	NonCancer	0.00E+00	4.24E-08	2.56E-06	0.00E+00	0.00E+00	2.58E-06	1.32E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.58E-06
1310	ALL	463339.4	3772805	NonCancer	0.00E+00	4.55E-08	2.74E-06	0.00E+00	0.00E+00	2.76E-06	1.42E-06	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	2.76E-06
1311	ALL	463351.2	3772817	NonCancer	0.00E+00	4.89E-08	2.95E-06	0.00E+00	0.00E+00	2.97E-06	1.53E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	2.97E-06
1312	ALL	463358	3772833	NonCancer	0.00E+00	5.28E-08	3.18E-06	0.00E+00	0.00E+00	3.20E-06	1.65E-06	0.00E+00	2.52E-06	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	3.20E-06
1313	ALL	463361.5	3772842	NonCancer	0.00E+00	5.50E-08	3.31E-06	0.00E+00	0.00E+00	3.34E-06	1.72E-06	0.00E+00	2.62E-06	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	3.34E-06
1314	ALL	463368.4	3772858	NonCancer	0.00E+00	6.07E-08	3.66E-06	0.00E+00	0.00E+00	3.68E-06	1.89E-06	0.00E+00	2.89E-06	0.00E+00	0.00E+00	3.66E-06	0.00E+00	0.00E+00	3.68E-06
1315	ALL	463402.8	3772941	NonCancer	0.00E+00	1.34E-07	8.10E-06	0.00E+00	0.00E+00	8.16E-06	4.19E-06	0.00E+00	6.41E-06	0.00E+00	0.00E+00	8.10E-06	0.00E+00	0.00E+00	8.16E-06
1316	ALL	463447.6	3773048	NonCancer	0.00E+00	1.09E-07	6.57E-06	0.00E+00	0.00E+00	6.62E-06	3.40E-06	0.00E+00	5.20E-06	0.00E+00	0.00E+00	6.57E-06	0.00E+00	0.00E+00	6.62E-06
1317	ALL	463454.5	3773065	NonCancer	0.00E+00	9.66E-08	5.82E-06	0.00E+00	0.00E+00	5.86E-06	3.01E-06	0.00E+00	4.61E-06	0.00E+00	0.00E+00	5.82E-06	0.00E+00	0.00E+00	5.86E-06
1318	ALL	463461.4	3773082	NonCancer	0.00E+00	8.72E-08	5.25E-06	0.00E+00	0.00E+00	5.29E-06	2.72E-06	0.00E+00	4.16E-06	0.00E+00	0.00E+00	5.25E-06	0.00E+00	0.00E+00	5.29E-06
1319	ALL	463468.3	3773098	NonCancer	0.00E+00	8.20E-08	4.94E-06	0.00E+00	0.00E+00	4.98E-06	2.56E-06	0.00E+00	3.91E-06	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	4.98E-06
1320	ALL	463475.2	3773115	NonCancer	0.00E+00	8.56E-08	5.15E-06	0.00E+00	0.00E+00	5.19E-06	2.67E-06	0.00E+00	4.08E-06	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	5.19E-06
1321	ALL	463482.1	3773131	NonCancer	0.00E+00	8.86E-08	5.33E-06	0.00E+00	0.00E+00	5.37E-06	2.76E-06	0.00E+00	4.22E-06	0.00E+00	0.00E+00	5.33E-06	0.00E+00	0.00E+00	5.37E-06
1322	ALL	463033.1	3772649	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.03E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
1323	ALL	463041.5	3772652	NonCancer	0.00E+00	2.62E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.17E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
1324	ALL	463049.9	3772656	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.33E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
1325	ALL	463058.3	3772659	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.60E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
1326	ALL	463066.7	3772663	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.85E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
1327	ALL	463075.1	3772666	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.76E-06	9.07E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.76E-06
1328	ALL	463083.5	3772670	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.81E-06	9.28E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.81E-06
1329	ALL	463091.9	3772673	NonCancer	0.00E+00	3.03E-08	1.82E-06	0.00E+00	0.00E+00	1.84E-06	9.46E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.84E-06
1330	ALL	463100.3	3772677	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.90E-06	9.75E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.90E-06
1331	ALL	463108.7	3772680	NonCancer	0.00E+00	3.25E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
1332	ALL	463117.1	3772684	NonCancer	0.00E+00	3.37E-08	2.03E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.04E-06
1333	ALL	463125.4	3772687	NonCancer	0.00E+00	3.51E-08	2.11E-06	0.00E+00	0.00E+00	2.13E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.13E-06
1334	ALL	463133.8	3772691	NonCancer	0.00E+00	3.75E-08	2.25E-06	0.00E+00	0.00E+00	2.27E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.27E-06
1335	ALL	463142.2	3772694	NonCancer	0.00E+00	3.98E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
1336	ALL	463150.6	3772697	NonCancer	0.00E+00	4.19E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
1337	ALL	463159	3772701	NonCancer	0.00E+00	4.37E-08	2.63E-06	0.00E+00	0.00E+00	2.65E-06	1.36E-06	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	2.65E-06
1338	ALL	463167.4	3772704	NonCancer	0.00E+00	4.51E-08	2.71E-06	0.00E+00	0.00E+00	2.73E-06	1.41E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.73E-06
1339	ALL	463175.8	3772708	NonCancer	0.00E+00	4.59E-08	2.76E-06	0.00E+00	0.00E+00	2.79E-06	1.43E-06	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	2.79E-06
1340	ALL	463184.2	3772711	NonCancer	0.00E+00	4.63E-08	2.78E-06	0.00E+00	0.00E+00	2.81E-06	1.44E-06	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	2.81E-06
1341	ALL	463192.6	3772715	NonCancer	0.00E+00	4.60E-08	2.77E-06	0.00E+00	0.00E+00	2.79E-06	1.44E-06	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	2.79E-06
1342	ALL	463201	3772718	NonCancer	0.00E+00	4.52E-08	2.72E-06	0.00E+00	0.00E+00	2.74E-06	1.41E-06	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	2.74E-06
1343	ALL	463217.8	3772725	NonCancer	0.00E+00	4.23E-08	2.54E-06	0.00E+00	0.00E+00	2.56E-06	1.32E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	2.56E-06
1344	ALL	463226.2	3772729	NonCancer	0.00E+00	4.03E-08	2.43E-06	0.00E+00	0.00E+00	2.44E-06	1.26E-06	0.00E+00	1.92E-06	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	2.44E-06
1345	ALL	463234.6	3772732	NonCancer	0.00E+00	3.85E-08	2.32E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.33E-06
1346	ALL	463243	3772735	NonCancer	0.00E+00	3.81E-08	2.29E-06	0.00E+00	0.00E+00	2.31E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.31E-06
1347	ALL	463251.4	3772739	NonCancer	0.00E+00	3.75E-08	2.26E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.28E-06
1348	ALL	463259.8	3772742	NonCancer	0.00E+00	3.69E-08	2.22E-06	0.00E+00	0.00E+00	2.24E-06	1.15E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.24E-06

1349	ALL	463268.1	3772746	NonCancer	0.00E+00	3.64E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
1350	ALL	463276.5	3772749	NonCancer	0.00E+00	3.71E-08	2.23E-06	0.00E+00	0.00E+00	2.25E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.25E-06
1351	ALL	463284.9	3772753	NonCancer	0.00E+00	3.80E-08	2.29E-06	0.00E+00	0.00E+00	2.30E-06	1.18E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.30E-06
1352	ALL	463293.3	3772756	NonCancer	0.00E+00	3.87E-08	2.33E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.35E-06
1353	ALL	463301.7	3772760	NonCancer	0.00E+00	3.94E-08	2.37E-06	0.00E+00	0.00E+00	2.39E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.39E-06
1354	ALL	463310.1	3772763	NonCancer	0.00E+00	4.03E-08	2.42E-06	0.00E+00	0.00E+00	2.44E-06	1.26E-06	0.00E+00	1.92E-06	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	2.44E-06
1355	ALL	463318.5	3772767	NonCancer	0.00E+00	4.11E-08	2.48E-06	0.00E+00	0.00E+00	2.50E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	2.50E-06
1356	ALL	463326.9	3772770	NonCancer	0.00E+00	4.23E-08	2.55E-06	0.00E+00	0.00E+00	2.57E-06	1.32E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.57E-06
1357	ALL	463335.3	3772773	NonCancer	0.00E+00	4.40E-08	2.65E-06	0.00E+00	0.00E+00	2.67E-06	1.37E-06	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	2.67E-06
1358	ALL	463343.7	3772777	NonCancer	0.00E+00	4.62E-08	2.78E-06	0.00E+00	0.00E+00	2.81E-06	1.44E-06	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	2.81E-06
1359	ALL	463352.1	3772780	NonCancer	0.00E+00	4.89E-08	2.95E-06	0.00E+00	0.00E+00	2.97E-06	1.53E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	2.97E-06
1360	ALL	463360.5	3772784	NonCancer	0.00E+00	5.22E-08	3.14E-06	0.00E+00	0.00E+00	3.17E-06	1.63E-06	0.00E+00	2.49E-06	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.17E-06
1361	ALL	463372.4	3772796	NonCancer	0.00E+00	5.89E-08	3.55E-06	0.00E+00	0.00E+00	3.57E-06	1.84E-06	0.00E+00	2.81E-06	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	3.57E-06
1362	ALL	463379.4	3772812	NonCancer	0.00E+00	6.57E-08	3.96E-06	0.00E+00	0.00E+00	3.99E-06	2.05E-06	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	3.99E-06
1363	ALL	463386.3	3772829	NonCancer	0.00E+00	7.54E-08	4.54E-06	0.00E+00	0.00E+00	4.58E-06	2.35E-06	0.00E+00	3.59E-06	0.00E+00	0.00E+00	4.54E-06	0.00E+00	0.00E+00	4.58E-06
1364	ALL	463393.3	3772846	NonCancer	0.00E+00	8.99E-08	5.41E-06	0.00E+00	0.00E+00	5.46E-06	2.80E-06	0.00E+00	4.29E-06	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	5.46E-06
1365	ALL	463400.3	3772863	NonCancer	0.00E+00	1.14E-07	6.88E-06	0.00E+00	0.00E+00	6.94E-06	3.56E-06	0.00E+00	5.45E-06	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.94E-06
1366	ALL	463452.7	3772988	NonCancer	0.00E+00	8.92E-08	5.37E-06	0.00E+00	0.00E+00	5.42E-06	2.78E-06	0.00E+00	4.25E-06	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	5.42E-06
1367	ALL	463459.6	3773005	NonCancer	0.00E+00	8.02E-08	4.83E-06	0.00E+00	0.00E+00	4.87E-06	2.50E-06	0.00E+00	3.82E-06	0.00E+00	0.00E+00	4.83E-06	0.00E+00	0.00E+00	4.87E-06
1368	ALL	463466.6	3773022	NonCancer	0.00E+00	7.43E-08	4.47E-06	0.00E+00	0.00E+00	4.51E-06	2.32E-06	0.00E+00	3.54E-06	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	4.51E-06
1369	ALL	463473.6	3773039	NonCancer	0.00E+00	6.91E-08	4.16E-06	0.00E+00	0.00E+00	4.19E-06	2.16E-06	0.00E+00	3.29E-06	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	4.19E-06
1370	ALL	463480.6	3773055	NonCancer	0.00E+00	6.53E-08	3.93E-06	0.00E+00	0.00E+00	3.96E-06	2.04E-06	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	3.96E-06
1371	ALL	463487.6	3773072	NonCancer	0.00E+00	6.69E-08	4.03E-06	0.00E+00	0.00E+00	4.06E-06	2.09E-06	0.00E+00	3.19E-06	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	4.06E-06
1372	ALL	463494.6	3773089	NonCancer	0.00E+00	7.01E-08	4.22E-06	0.00E+00	0.00E+00	4.26E-06	2.19E-06	0.00E+00	3.34E-06	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	4.26E-06
1373	ALL	463501.5	3773106	NonCancer	0.00E+00	7.46E-08	4.49E-06	0.00E+00	0.00E+00	4.53E-06	2.33E-06	0.00E+00	3.56E-06	0.00E+00	0.00E+00	4.49E-06	0.00E+00	0.00E+00	4.53E-06
1374	ALL	463508.5	3773122	NonCancer	0.00E+00	7.69E-08	4.63E-06	0.00E+00	0.00E+00	4.67E-06	2.40E-06	0.00E+00	3.67E-06	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	4.67E-06
1375	ALL	463032.8	3772619	NonCancer	0.00E+00	2.47E-08	1.48E-06	0.00E+00	0.00E+00	1.50E-06	7.69E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.50E-06
1376	ALL	463049.4	3772626	NonCancer	0.00E+00	2.55E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.96E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
1377	ALL	463057.7	3772629	NonCancer	0.00E+00	2.62E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.19E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
1378	ALL	463074.3	3772636	NonCancer	0.00E+00	2.77E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.63E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
1379	ALL	463091	3772643	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.75E-06	8.98E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.75E-06
1380	ALL	463099.3	3772646	NonCancer	0.00E+00	2.92E-08	1.76E-06	0.00E+00	0.00E+00	1.77E-06	9.12E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.77E-06
1381	ALL	463107.6	3772650	NonCancer	0.00E+00	3.00E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.37E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
1382	ALL	463115.9	3772653	NonCancer	0.00E+00	3.10E-08	1.87E-06	0.00E+00	0.00E+00	1.88E-06	9.68E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.88E-06
1383	ALL	463132.5	3772660	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.02E-06
1384	ALL	463149.1	3772667	NonCancer	0.00E+00	3.72E-08	2.24E-06	0.00E+00	0.00E+00	2.26E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.26E-06
1385	ALL	463157.4	3772670	NonCancer	0.00E+00	3.90E-08	2.35E-06	0.00E+00	0.00E+00	2.37E-06	1.22E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.37E-06
1386	ALL	463165.7	3772674	NonCancer	0.00E+00	4.06E-08	2.44E-06	0.00E+00	0.00E+00	2.46E-06	1.27E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	2.46E-06
1387	ALL	463182.3	3772681	NonCancer	0.00E+00	4.26E-08	2.56E-06	0.00E+00	0.00E+00	2.58E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.58E-06
1388	ALL	463190.6	3772684	NonCancer	0.00E+00	4.29E-08	2.58E-06	0.00E+00	0.00E+00	2.60E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.60E-06
1389	ALL	463207.3	3772691	NonCancer	0.00E+00	4.22E-08	2.54E-06	0.00E+00	0.00E+00	2.56E-06	1.32E-06	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	2.56E-06
1390	ALL	463215.6	3772694	NonCancer	0.00E+00	4.11E-08	2.47E-06	0.00E+00	0.00E+00	2.49E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.49E-06
1391	ALL	463232.2	3772701	NonCancer	0.00E+00	3.80E-08	2.29E-06	0.00E+00	0.00E+00	2.31E-06	1.19E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.31E-06
1392	ALL	463240.5	3772704	NonCancer	0.00E+00	3.68E-08	2.21E-06	0.00E+00	0.00E+00	2.23E-06	1.15E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.23E-06
1393	ALL	463257.1	3772711	NonCancer	0.00E+00	3.54E-08	2.13E-06	0.00E+00	0.00E+00	2.15E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.15E-06
1394	ALL	463273.7	3772718	NonCancer	0.00E+00	3.45E-08	2.08E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.10E-06
1395	ALL	463290.3	3772725	NonCancer	0.00E+00	3.53E-08	2.13E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.14E-06
1396	ALL	463298.7	3772728	NonCancer	0.00E+00	3.67E-08	2.21E-06	0.00E+00	0.00E+00	2.23E-06	1.15E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.23E-06
1397	ALL	463315.3	3772735	NonCancer	0.00E+00	3.95E-08	2.38E-06	0.00E+00	0.00E+00	2.40E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	2.40E-06
1398	ALL	463331.9	3772742	NonCancer	0.00E+00	4.30E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
1399	ALL	463340.2	3772746	NonCancer	0.00E+00	4.49E-08	2.70E-06	0.00E+00	0.00E+00	2.73E-06	1.40E-06	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	2.73E-06
1400	ALL	463348.5	3772749	NonCancer	0.00E+00	4.73E-08	2.85E-06	0.00E+00	0.00E+00	2.87E-06	1.47E-06	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	2.87E-06
1401	ALL	463365.1	3772756	NonCancer	0.00E+00	5.41E-08	3.26E-06	0.00E+00	0.00E+00	3.29E-06	1.69E-06	0.00E+00	2.58E-06	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	3.29E-06
1402	ALL	463373.4	3772759	NonCancer	0.00E+00	5.91E-08	3.56E-06	0.00E+00	0.00E+00	3.59E-06	1.84E-06	0.00E+00	2.82E-06	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	3.59E-06

1403	ALL	463393.5	3772774	NonCancer	0.00E+00	8.50E-08	5.12E-06	0.00E+00	0.00E+00	5.17E-06	2.65E-06	0.00E+00	4.06E-06	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	5.17E-06
1404	ALL	463400.4	3772791	NonCancer	0.00E+00	1.09E-07	6.58E-06	0.00E+00	0.00E+00	6.64E-06	3.41E-06	0.00E+00	5.21E-06	0.00E+00	0.00E+00	6.58E-06	0.00E+00	0.00E+00	6.64E-06
1405	ALL	463459.2	3772932	NonCancer	0.00E+00	7.35E-08	4.43E-06	0.00E+00	0.00E+00	4.46E-06	2.29E-06	0.00E+00	3.50E-06	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	4.46E-06
1406	ALL	463466.1	3772949	NonCancer	0.00E+00	6.76E-08	4.07E-06	0.00E+00	0.00E+00	4.10E-06	2.11E-06	0.00E+00	3.22E-06	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	4.10E-06
1407	ALL	463473	3772965	NonCancer	0.00E+00	6.36E-08	3.83E-06	0.00E+00	0.00E+00	3.86E-06	1.98E-06	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	3.86E-06
1408	ALL	463476.4	3772973	NonCancer	0.00E+00	6.17E-08	3.72E-06	0.00E+00	0.00E+00	3.75E-06	1.93E-06	0.00E+00	2.94E-06	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	3.75E-06
1409	ALL	463483.3	3772990	NonCancer	0.00E+00	5.80E-08	3.49E-06	0.00E+00	0.00E+00	3.52E-06	1.81E-06	0.00E+00	2.77E-06	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	3.52E-06
1410	ALL	463490.3	3773007	NonCancer	0.00E+00	5.53E-08	3.33E-06	0.00E+00	0.00E+00	3.36E-06	1.72E-06	0.00E+00	2.64E-06	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	3.36E-06
1411	ALL	463497.2	3773023	NonCancer	0.00E+00	5.39E-08	3.25E-06	0.00E+00	0.00E+00	3.27E-06	1.68E-06	0.00E+00	2.57E-06	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	3.27E-06
1412	ALL	463504.1	3773040	NonCancer	0.00E+00	5.62E-08	3.38E-06	0.00E+00	0.00E+00	3.41E-06	1.75E-06	0.00E+00	2.68E-06	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	3.41E-06
1413	ALL	463511	3773056	NonCancer	0.00E+00	5.93E-08	3.57E-06	0.00E+00	0.00E+00	3.60E-06	1.85E-06	0.00E+00	2.83E-06	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	3.60E-06
1414	ALL	463517.9	3773073	NonCancer	0.00E+00	6.19E-08	3.73E-06	0.00E+00	0.00E+00	3.76E-06	1.93E-06	0.00E+00	2.95E-06	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	3.76E-06
1415	ALL	463524.8	3773090	NonCancer	0.00E+00	6.51E-08	3.92E-06	0.00E+00	0.00E+00	3.95E-06	2.03E-06	0.00E+00	3.10E-06	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	3.95E-06
1416	ALL	463531.7	3773106	NonCancer	0.00E+00	6.71E-08	4.04E-06	0.00E+00	0.00E+00	4.07E-06	2.09E-06	0.00E+00	3.20E-06	0.00E+00	0.00E+00	4.04E-06	0.00E+00	0.00E+00	4.07E-06
1417	ALL	463535.2	3773114	NonCancer	0.00E+00	6.74E-08	4.06E-06	0.00E+00	0.00E+00	4.09E-06	2.10E-06	0.00E+00	3.22E-06	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	4.09E-06
1418	ALL	463542.1	3773131	NonCancer	0.00E+00	6.88E-08	4.14E-06	0.00E+00	0.00E+00	4.17E-06	2.14E-06	0.00E+00	3.28E-06	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	4.17E-06
1419	ALL	463033	3772589	NonCancer	0.00E+00	2.37E-08	1.42E-06	0.00E+00	0.00E+00	1.44E-06	7.38E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.44E-06
1420	ALL	463041.4	3772592	NonCancer	0.00E+00	2.41E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.50E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
1421	ALL	463049.8	3772596	NonCancer	0.00E+00	2.45E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.63E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
1422	ALL	463058.2	3772599	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.83E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
1423	ALL	463066.6	3772603	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.57E-06	8.05E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.57E-06
1424	ALL	463075	3772606	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.25E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
1425	ALL	463083.4	3772610	NonCancer	0.00E+00	2.70E-08	1.62E-06	0.00E+00	0.00E+00	1.64E-06	8.42E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.64E-06
1426	ALL	463091.8	3772613	NonCancer	0.00E+00	2.75E-08	1.65E-06	0.00E+00	0.00E+00	1.67E-06	8.57E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.67E-06
1427	ALL	463100.3	3772617	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.69E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
1428	ALL	463108.7	3772620	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.78E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
1429	ALL	463117.1	3772624	NonCancer	0.00E+00	2.90E-08	1.75E-06	0.00E+00	0.00E+00	1.76E-06	9.04E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.76E-06
1430	ALL	463125.5	3772627	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.81E-06	9.30E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.81E-06
1431	ALL	463133.9	3772631	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.85E-06	9.53E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.85E-06
1432	ALL	463142.3	3772634	NonCancer	0.00E+00	3.18E-08	1.92E-06	0.00E+00	0.00E+00	1.93E-06	9.93E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.93E-06
1433	ALL	463150.7	3772637	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
1434	ALL	463159.1	3772641	NonCancer	0.00E+00	3.53E-08	2.12E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.14E-06
1435	ALL	463167.5	3772644	NonCancer	0.00E+00	3.68E-08	2.21E-06	0.00E+00	0.00E+00	2.23E-06	1.15E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.23E-06
1436	ALL	463175.9	3772648	NonCancer	0.00E+00	3.80E-08	2.29E-06	0.00E+00	0.00E+00	2.31E-06	1.19E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.31E-06
1437	ALL	463184.3	3772651	NonCancer	0.00E+00	3.90E-08	2.34E-06	0.00E+00	0.00E+00	2.36E-06	1.22E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.36E-06
1438	ALL	463192.7	3772655	NonCancer	0.00E+00	3.95E-08	2.38E-06	0.00E+00	0.00E+00	2.40E-06	1.23E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	2.40E-06
1439	ALL	463201.1	3772658	NonCancer	0.00E+00	3.97E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
1440	ALL	463209.5	3772662	NonCancer	0.00E+00	3.94E-08	2.37E-06	0.00E+00	0.00E+00	2.39E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.39E-06
1441	ALL	463217.9	3772665	NonCancer	0.00E+00	3.87E-08	2.33E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.35E-06
1442	ALL	463226.3	3772669	NonCancer	0.00E+00	3.77E-08	2.27E-06	0.00E+00	0.00E+00	2.28E-06	1.18E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.28E-06
1443	ALL	463234.7	3772672	NonCancer	0.00E+00	3.65E-08	2.20E-06	0.00E+00	0.00E+00	2.21E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.21E-06
1444	ALL	463243.1	3772676	NonCancer	0.00E+00	3.55E-08	2.14E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.16E-06
1445	ALL	463251.5	3772679	NonCancer	0.00E+00	3.45E-08	2.08E-06	0.00E+00	0.00E+00	2.09E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.09E-06
1446	ALL	463259.9	3772682	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
1447	ALL	463268.3	3772686	NonCancer	0.00E+00	3.33E-08	2.01E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.02E-06
1448	ALL	463276.7	3772689	NonCancer	0.00E+00	3.30E-08	1.99E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.00E-06
1449	ALL	463285.2	3772693	NonCancer	0.00E+00	3.30E-08	1.99E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.00E-06
1450	ALL	463293.6	3772696	NonCancer	0.00E+00	3.33E-08	2.01E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.02E-06
1451	ALL	463302	3772700	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.11E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.11E-06
1452	ALL	463310.4	3772703	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
1453	ALL	463318.8	3772707	NonCancer	0.00E+00	3.87E-08	2.33E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.35E-06
1454	ALL	463327.2	3772710	NonCancer	0.00E+00	4.08E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.27E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
1455	ALL	463335.6	3772714	NonCancer	0.00E+00	4.31E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
1456	ALL	463344	3772717	NonCancer	0.00E+00	4.56E-08	2.75E-06	0.00E+00	0.00E+00	2.77E-06	1.42E-06	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.77E-06

1457	ALL	463352.4	3772721	NonCancer	0.00E+00	4.84E-08	2.92E-06	0.00E+00	0.00E+00	2.94E-06	1.51E-06	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	2.94E-06
1458	ALL	463360.8	3772724	NonCancer	0.00E+00	5.17E-08	3.12E-06	0.00E+00	0.00E+00	3.14E-06	1.61E-06	0.00E+00	2.47E-06	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.14E-06
1459	ALL	463369.2	3772727	NonCancer	0.00E+00	5.60E-08	3.37E-06	0.00E+00	0.00E+00	3.40E-06	1.75E-06	0.00E+00	2.67E-06	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	3.40E-06
1460	ALL	463377.6	3772731	NonCancer	0.00E+00	6.19E-08	3.73E-06	0.00E+00	0.00E+00	3.76E-06	1.93E-06	0.00E+00	2.95E-06	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	3.76E-06
1461	ALL	463386	3772734	NonCancer	0.00E+00	7.10E-08	4.28E-06	0.00E+00	0.00E+00	4.31E-06	2.21E-06	0.00E+00	3.39E-06	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	4.31E-06
1462	ALL	463394.4	3772738	NonCancer	0.00E+00	8.66E-08	5.22E-06	0.00E+00	0.00E+00	5.26E-06	2.70E-06	0.00E+00	4.13E-06	0.00E+00	0.00E+00	5.22E-06	0.00E+00	0.00E+00	5.26E-06
1463	ALL	463402.8	3772741	NonCancer	0.00E+00	1.21E-07	7.28E-06	0.00E+00	0.00E+00	7.34E-06	3.77E-06	0.00E+00	5.77E-06	0.00E+00	0.00E+00	7.28E-06	0.00E+00	0.00E+00	7.34E-06
1464	ALL	463439.2	3772812	NonCancer	0.00E+00	1.21E-07	7.27E-06	0.00E+00	0.00E+00	7.33E-06	3.76E-06	0.00E+00	5.75E-06	0.00E+00	0.00E+00	7.27E-06	0.00E+00	0.00E+00	7.33E-06
1465	ALL	463446.2	3772829	NonCancer	0.00E+00	9.29E-08	5.60E-06	0.00E+00	0.00E+00	5.64E-06	2.90E-06	0.00E+00	4.43E-06	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	5.64E-06
1466	ALL	463453.2	3772845	NonCancer	0.00E+00	7.73E-08	4.66E-06	0.00E+00	0.00E+00	4.70E-06	2.41E-06	0.00E+00	3.69E-06	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	4.70E-06
1467	ALL	463460.2	3772862	NonCancer	0.00E+00	6.85E-08	4.13E-06	0.00E+00	0.00E+00	4.16E-06	2.14E-06	0.00E+00	3.27E-06	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	4.16E-06
1468	ALL	463463.6	3772871	NonCancer	0.00E+00	6.53E-08	3.93E-06	0.00E+00	0.00E+00	3.96E-06	2.04E-06	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	3.96E-06
1469	ALL	463491.6	3772938	NonCancer	0.00E+00	5.11E-08	3.08E-06	0.00E+00	0.00E+00	3.10E-06	1.60E-06	0.00E+00	2.44E-06	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	3.10E-06
1470	ALL	463495.1	3772946	NonCancer	0.00E+00	4.99E-08	3.01E-06	0.00E+00	0.00E+00	3.03E-06	1.56E-06	0.00E+00	2.38E-06	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.03E-06
1471	ALL	463502.1	3772963	NonCancer	0.00E+00	4.73E-08	2.85E-06	0.00E+00	0.00E+00	2.87E-06	1.48E-06	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	2.87E-06
1472	ALL	463509.1	3772980	NonCancer	0.00E+00	4.57E-08	2.75E-06	0.00E+00	0.00E+00	2.77E-06	1.42E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.77E-06
1473	ALL	463516.1	3772996	NonCancer	0.00E+00	4.80E-08	2.89E-06	0.00E+00	0.00E+00	2.91E-06	1.50E-06	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	2.91E-06
1474	ALL	463523.1	3773013	NonCancer	0.00E+00	5.00E-08	3.01E-06	0.00E+00	0.00E+00	3.04E-06	1.56E-06	0.00E+00	2.39E-06	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.04E-06
1475	ALL	463526.6	3773022	NonCancer	0.00E+00	5.11E-08	3.08E-06	0.00E+00	0.00E+00	3.10E-06	1.59E-06	0.00E+00	2.44E-06	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	3.10E-06
1476	ALL	463533.6	3773038	NonCancer	0.00E+00	5.32E-08	3.20E-06	0.00E+00	0.00E+00	3.23E-06	1.66E-06	0.00E+00	2.54E-06	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	3.23E-06
1477	ALL	463540.5	3773055	NonCancer	0.00E+00	5.51E-08	3.32E-06	0.00E+00	0.00E+00	3.35E-06	1.72E-06	0.00E+00	2.63E-06	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	3.35E-06
1478	ALL	463547.5	3773072	NonCancer	0.00E+00	5.65E-08	3.40E-06	0.00E+00	0.00E+00	3.43E-06	1.76E-06	0.00E+00	2.69E-06	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.43E-06
1479	ALL	463551	3773080	NonCancer	0.00E+00	5.72E-08	3.44E-06	0.00E+00	0.00E+00	3.47E-06	1.79E-06	0.00E+00	2.73E-06	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	3.47E-06
1480	ALL	463558	3773097	NonCancer	0.00E+00	5.86E-08	3.52E-06	0.00E+00	0.00E+00	3.55E-06	1.83E-06	0.00E+00	2.79E-06	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	3.55E-06
1481	ALL	463565	3773114	NonCancer	0.00E+00	5.97E-08	3.59E-06	0.00E+00	0.00E+00	3.62E-06	1.86E-06	0.00E+00	2.85E-06	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	3.62E-06
1482	ALL	463572	3773131	NonCancer	0.00E+00	6.07E-08	3.65E-06	0.00E+00	0.00E+00	3.68E-06	1.89E-06	0.00E+00	2.89E-06	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	3.68E-06
1483	ALL	463032.7	3772559	NonCancer	0.00E+00	2.27E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.09E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
1484	ALL	463049.4	3772566	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.30E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
1485	ALL	463057.7	3772569	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.47E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
1486	ALL	463066	3772573	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.67E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
1487	ALL	463082.7	3772580	NonCancer	0.00E+00	2.57E-08	1.54E-06	0.00E+00	0.00E+00	1.56E-06	8.01E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.56E-06
1488	ALL	463091	3772583	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.14E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
1489	ALL	463107.7	3772590	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.34E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
1490	ALL	463116	3772593	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.40E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
1491	ALL	463124.3	3772597	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.61E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
1492	ALL	463141	3772604	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.75E-06	8.98E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.75E-06
1493	ALL	463149.3	3772607	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.81E-06	9.30E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.81E-06
1494	ALL	463165.9	3772614	NonCancer	0.00E+00	3.27E-08	1.97E-06	0.00E+00	0.00E+00	1.98E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.98E-06
1495	ALL	463174.3	3772617	NonCancer	0.00E+00	3.40E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
1496	ALL	463182.6	3772621	NonCancer	0.00E+00	3.51E-08	2.11E-06	0.00E+00	0.00E+00	2.13E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.13E-06
1497	ALL	463199.2	3772628	NonCancer	0.00E+00	3.64E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
1498	ALL	463207.6	3772631	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
1499	ALL	463224.2	3772638	NonCancer	0.00E+00	3.60E-08	2.16E-06	0.00E+00	0.00E+00	2.18E-06	1.12E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.18E-06
1500	ALL	463232.6	3772641	NonCancer	0.00E+00	3.55E-08	2.14E-06	0.00E+00	0.00E+00	2.15E-06	1.11E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.15E-06
1501	ALL	463240.9	3772645	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.11E-06	1.08E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.11E-06
1502	ALL	463257.5	3772652	NonCancer	0.00E+00	3.31E-08	1.99E-06	0.00E+00	0.00E+00	2.01E-06	1.03E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.01E-06
1503	ALL	463265.9	3772655	NonCancer	0.00E+00	3.22E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
1504	ALL	463282.5	3772662	NonCancer	0.00E+00	3.20E-08	1.93E-06	0.00E+00	0.00E+00	1.94E-06	9.98E-07	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.94E-06
1505	ALL	463290.8	3772665	NonCancer	0.00E+00	3.23E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
1506	ALL	463299.2	3772669	NonCancer	0.00E+00	3.27E-08	1.97E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.99E-06
1507	ALL	463315.8	3772676	NonCancer	0.00E+00	3.59E-08	2.16E-06	0.00E+00	0.00E+00	2.18E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.18E-06
1508	ALL	463324.1	3772679	NonCancer	0.00E+00	3.83E-08	2.30E-06	0.00E+00	0.00E+00	2.32E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.32E-06
1509	ALL	463340.8	3772686	NonCancer	0.00E+00	4.35E-08	2.62E-06	0.00E+00	0.00E+00	2.64E-06	1.36E-06	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	2.64E-06
1510	ALL	463349.1	3772689	NonCancer	0.00E+00	4.66E-08	2.80E-06	0.00E+00	0.00E+00	2.83E-06	1.45E-06	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	2.83E-06

1511	ALL	463357.5	3772693	NonCancer	0.00E+00	4.99E-08	3.01E-06	0.00E+00	0.00E+00	3.03E-06	1.56E-06	0.00E+00	2.38E-06	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.03E-06
1512	ALL	463374.1	3772700	NonCancer	0.00E+00	5.90E-08	3.55E-06	0.00E+00	0.00E+00	3.58E-06	1.84E-06	0.00E+00	2.81E-06	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	3.58E-06
1513	ALL	463382.4	3772703	NonCancer	0.00E+00	6.62E-08	3.99E-06	0.00E+00	0.00E+00	4.02E-06	2.07E-06	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	4.02E-06
1514	ALL	463399.1	3772710	NonCancer	0.00E+00	1.01E-07	6.11E-06	0.00E+00	0.00E+00	6.16E-06	3.16E-06	0.00E+00	4.84E-06	0.00E+00	0.00E+00	6.11E-06	0.00E+00	0.00E+00	6.16E-06
1515	ALL	463439.3	3772740	NonCancer	0.00E+00	1.15E-07	6.96E-06	0.00E+00	0.00E+00	7.01E-06	3.60E-06	0.00E+00	5.50E-06	0.00E+00	0.00E+00	6.96E-06	0.00E+00	0.00E+00	7.01E-06
1516	ALL	463446.2	3772757	NonCancer	0.00E+00	8.86E-08	5.34E-06	0.00E+00	0.00E+00	5.38E-06	2.76E-06	0.00E+00	4.22E-06	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	5.38E-06
1517	ALL	463453.2	3772773	NonCancer	0.00E+00	7.37E-08	4.44E-06	0.00E+00	0.00E+00	4.48E-06	2.30E-06	0.00E+00	3.51E-06	0.00E+00	0.00E+00	4.44E-06	0.00E+00	0.00E+00	4.48E-06
1518	ALL	463460.1	3772790	NonCancer	0.00E+00	6.48E-08	3.91E-06	0.00E+00	0.00E+00	3.94E-06	2.02E-06	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	3.94E-06
1519	ALL	463467	3772807	NonCancer	0.00E+00	5.92E-08	3.57E-06	0.00E+00	0.00E+00	3.59E-06	1.85E-06	0.00E+00	2.82E-06	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	3.59E-06
1520	ALL	463473.9	3772823	NonCancer	0.00E+00	5.56E-08	3.35E-06	0.00E+00	0.00E+00	3.38E-06	1.73E-06	0.00E+00	2.65E-06	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	3.38E-06
1521	ALL	463480.9	3772840	NonCancer	0.00E+00	5.27E-08	3.17E-06	0.00E+00	0.00E+00	3.20E-06	1.64E-06	0.00E+00	2.51E-06	0.00E+00	0.00E+00	3.17E-06	0.00E+00	0.00E+00	3.20E-06
1522	ALL	463487.8	3772857	NonCancer	0.00E+00	5.02E-08	3.03E-06	0.00E+00	0.00E+00	3.05E-06	1.57E-06	0.00E+00	2.40E-06	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.05E-06
1523	ALL	463494.7	3772873	NonCancer	0.00E+00	4.73E-08	2.85E-06	0.00E+00	0.00E+00	2.87E-06	1.48E-06	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	2.87E-06
1524	ALL	463522.4	3772940	NonCancer	0.00E+00	4.00E-08	2.41E-06	0.00E+00	0.00E+00	2.43E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	2.43E-06
1525	ALL	463529.3	3772956	NonCancer	0.00E+00	4.14E-08	2.50E-06	0.00E+00	0.00E+00	2.52E-06	1.29E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	2.52E-06
1526	ALL	463536.3	3772973	NonCancer	0.00E+00	4.31E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
1527	ALL	463543.2	3772990	NonCancer	0.00E+00	4.52E-08	2.72E-06	0.00E+00	0.00E+00	2.75E-06	1.41E-06	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	2.75E-06
1528	ALL	463550.1	3773006	NonCancer	0.00E+00	4.68E-08	2.82E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	2.84E-06
1529	ALL	463557.1	3773023	NonCancer	0.00E+00	4.79E-08	2.88E-06	0.00E+00	0.00E+00	2.91E-06	1.49E-06	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	2.91E-06
1530	ALL	463564	3773039	NonCancer	0.00E+00	4.88E-08	2.94E-06	0.00E+00	0.00E+00	2.96E-06	1.52E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	2.96E-06
1531	ALL	463570.9	3773056	NonCancer	0.00E+00	4.96E-08	2.99E-06	0.00E+00	0.00E+00	3.01E-06	1.55E-06	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.01E-06
1532	ALL	463577.8	3773073	NonCancer	0.00E+00	5.04E-08	3.03E-06	0.00E+00	0.00E+00	3.06E-06	1.57E-06	0.00E+00	2.40E-06	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.06E-06
1533	ALL	463584.8	3773089	NonCancer	0.00E+00	5.13E-08	3.09E-06	0.00E+00	0.00E+00	3.11E-06	1.60E-06	0.00E+00	2.45E-06	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.11E-06
1534	ALL	463591.7	3773106	NonCancer	0.00E+00	5.29E-08	3.18E-06	0.00E+00	0.00E+00	3.21E-06	1.65E-06	0.00E+00	2.52E-06	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	3.21E-06
1535	ALL	463598.6	3773123	NonCancer	0.00E+00	5.38E-08	3.24E-06	0.00E+00	0.00E+00	3.26E-06	1.68E-06	0.00E+00	2.56E-06	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	3.26E-06
1536	ALL	463032.8	3772519	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.72E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
1537	ALL	463041.2	3772522	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.82E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
1538	ALL	463049.6	3772526	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.90E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
1539	ALL	463058	3772529	NonCancer	0.00E+00	2.25E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.03E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
1540	ALL	463066.4	3772533	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.20E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
1541	ALL	463074.8	3772536	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.36E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
1542	ALL	463083.2	3772540	NonCancer	0.00E+00	2.40E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.50E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
1543	ALL	463091.5	3772543	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.62E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
1544	ALL	463099.9	3772547	NonCancer	0.00E+00	2.47E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.71E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
1545	ALL	463116.7	3772554	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.83E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
1546	ALL	463125.1	3772557	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.53E-06	7.84E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.53E-06
1547	ALL	463133.5	3772560	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.98E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
1548	ALL	463141.9	3772564	NonCancer	0.00E+00	2.60E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.11E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
1549	ALL	463158.6	3772571	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.46E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
1550	ALL	463167	3772574	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.83E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
1551	ALL	463175.4	3772578	NonCancer	0.00E+00	2.94E-08	1.77E-06	0.00E+00	0.00E+00	1.79E-06	9.19E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.79E-06
1552	ALL	463183.8	3772581	NonCancer	0.00E+00	3.05E-08	1.84E-06	0.00E+00	0.00E+00	1.85E-06	9.51E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.85E-06
1553	ALL	463192.2	3772585	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.80E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
1554	ALL	463200.6	3772588	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
1555	ALL	463209	3772592	NonCancer	0.00E+00	3.26E-08	1.96E-06	0.00E+00	0.00E+00	1.98E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.98E-06
1556	ALL	463217.4	3772595	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
1557	ALL	463225.7	3772598	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.02E-06
1558	ALL	463234.1	3772602	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.02E-06
1559	ALL	463242.5	3772605	NonCancer	0.00E+00	3.30E-08	1.98E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.00E-06
1560	ALL	463250.9	3772609	NonCancer	0.00E+00	3.25E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
1561	ALL	463259.3	3772612	NonCancer	0.00E+00	3.18E-08	1.91E-06	0.00E+00	0.00E+00	1.93E-06	9.92E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.93E-06
1562	ALL	463267.7	3772616	NonCancer	0.00E+00	3.15E-08	1.90E-06	0.00E+00	0.00E+00	1.91E-06	9.82E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.91E-06
1563	ALL	463276.1	3772619	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.89E-06	9.74E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.89E-06
1564	ALL	463284.5	3772623	NonCancer	0.00E+00	3.10E-08	1.87E-06	0.00E+00	0.00E+00	1.88E-06	9.67E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.88E-06

1565	ALL	463301.2	3772630	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
1566	ALL	463309.6	3772633	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.02E-06
1567	ALL	463318	3772636	NonCancer	0.00E+00	3.45E-08	2.08E-06	0.00E+00	0.00E+00	2.09E-06	1.08E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.09E-06
1568	ALL	463326.4	3772640	NonCancer	0.00E+00	3.64E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
1569	ALL	463343.2	3772647	NonCancer	0.00E+00	4.24E-08	2.55E-06	0.00E+00	0.00E+00	2.57E-06	1.32E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.57E-06
1570	ALL	463351.6	3772650	NonCancer	0.00E+00	4.59E-08	2.76E-06	0.00E+00	0.00E+00	2.78E-06	1.43E-06	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	2.78E-06
1571	ALL	463360	3772654	NonCancer	0.00E+00	4.98E-08	3.00E-06	0.00E+00	0.00E+00	3.02E-06	1.55E-06	0.00E+00	2.37E-06	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	3.02E-06
1572	ALL	463368.3	3772657	NonCancer	0.00E+00	5.44E-08	3.28E-06	0.00E+00	0.00E+00	3.30E-06	1.70E-06	0.00E+00	2.59E-06	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	3.30E-06
1573	ALL	463376.7	3772661	NonCancer	0.00E+00	6.04E-08	3.64E-06	0.00E+00	0.00E+00	3.67E-06	1.88E-06	0.00E+00	2.88E-06	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	3.67E-06
1574	ALL	463385.1	3772664	NonCancer	0.00E+00	6.92E-08	4.17E-06	0.00E+00	0.00E+00	4.20E-06	2.16E-06	0.00E+00	3.30E-06	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	4.20E-06
1575	ALL	463393.5	3772668	NonCancer	0.00E+00	8.39E-08	5.06E-06	0.00E+00	0.00E+00	5.10E-06	2.62E-06	0.00E+00	4.00E-06	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	5.10E-06
1576	ALL	463401.9	3772671	NonCancer	0.00E+00	1.15E-07	6.93E-06	0.00E+00	0.00E+00	6.99E-06	3.59E-06	0.00E+00	5.49E-06	0.00E+00	0.00E+00	6.93E-06	0.00E+00	0.00E+00	6.99E-06
1577	ALL	463443.8	3772688	NonCancer	0.00E+00	9.37E-08	5.65E-06	0.00E+00	0.00E+00	5.69E-06	2.92E-06	0.00E+00	4.47E-06	0.00E+00	0.00E+00	5.65E-06	0.00E+00	0.00E+00	5.69E-06
1578	ALL	463452.2	3772692	NonCancer	0.00E+00	7.16E-08	4.32E-06	0.00E+00	0.00E+00	4.35E-06	2.23E-06	0.00E+00	3.42E-06	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	4.35E-06
1579	ALL	463464.1	3772704	NonCancer	0.00E+00	5.62E-08	3.39E-06	0.00E+00	0.00E+00	3.42E-06	1.75E-06	0.00E+00	2.68E-06	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	3.42E-06
1580	ALL	463467.6	3772712	NonCancer	0.00E+00	5.39E-08	3.25E-06	0.00E+00	0.00E+00	3.27E-06	1.68E-06	0.00E+00	2.57E-06	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	3.27E-06
1581	ALL	463474.6	3772729	NonCancer	0.00E+00	5.05E-08	3.04E-06	0.00E+00	0.00E+00	3.06E-06	1.57E-06	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.06E-06
1582	ALL	463481.5	3772745	NonCancer	0.00E+00	4.80E-08	2.89E-06	0.00E+00	0.00E+00	2.92E-06	1.50E-06	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	2.92E-06
1583	ALL	463488.5	3772762	NonCancer	0.00E+00	4.61E-08	2.78E-06	0.00E+00	0.00E+00	2.80E-06	1.44E-06	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	2.80E-06
1584	ALL	463495.5	3772779	NonCancer	0.00E+00	4.42E-08	2.66E-06	0.00E+00	0.00E+00	2.69E-06	1.38E-06	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	2.69E-06
1585	ALL	463502.5	3772796	NonCancer	0.00E+00	4.24E-08	2.55E-06	0.00E+00	0.00E+00	2.57E-06	1.32E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.57E-06
1586	ALL	463509.5	3772812	NonCancer	0.00E+00	4.06E-08	2.44E-06	0.00E+00	0.00E+00	2.46E-06	1.27E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	2.46E-06
1587	ALL	463516.4	3772829	NonCancer	0.00E+00	3.91E-08	2.35E-06	0.00E+00	0.00E+00	2.37E-06	1.22E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.37E-06
1588	ALL	463523.4	3772846	NonCancer	0.00E+00	3.75E-08	2.26E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.28E-06
1589	ALL	463530.4	3772863	NonCancer	0.00E+00	3.57E-08	2.15E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.16E-06
1590	ALL	463558.3	3772930	NonCancer	0.00E+00	3.73E-08	2.24E-06	0.00E+00	0.00E+00	2.26E-06	1.16E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.26E-06
1591	ALL	463565.3	3772946	NonCancer	0.00E+00	3.81E-08	2.30E-06	0.00E+00	0.00E+00	2.31E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.31E-06
1592	ALL	463572.2	3772963	NonCancer	0.00E+00	3.97E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
1593	ALL	463579.2	3772980	NonCancer	0.00E+00	4.10E-08	2.47E-06	0.00E+00	0.00E+00	2.49E-06	1.28E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.49E-06
1594	ALL	463586.2	3772997	NonCancer	0.00E+00	4.13E-08	2.49E-06	0.00E+00	0.00E+00	2.51E-06	1.29E-06	0.00E+00	1.97E-06	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	2.51E-06
1595	ALL	463593.2	3773013	NonCancer	0.00E+00	4.15E-08	2.50E-06	0.00E+00	0.00E+00	2.52E-06	1.30E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	2.52E-06
1596	ALL	463600.2	3773030	NonCancer	0.00E+00	4.20E-08	2.53E-06	0.00E+00	0.00E+00	2.55E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	2.55E-06
1597	ALL	463607.1	3773047	NonCancer	0.00E+00	4.24E-08	2.55E-06	0.00E+00	0.00E+00	2.57E-06	1.32E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.57E-06
1598	ALL	463610.6	3773055	NonCancer	0.00E+00	4.26E-08	2.57E-06	0.00E+00	0.00E+00	2.59E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	2.59E-06
1599	ALL	463617.6	3773072	NonCancer	0.00E+00	4.32E-08	2.60E-06	0.00E+00	0.00E+00	2.62E-06	1.35E-06	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	2.62E-06
1600	ALL	463624.6	3773089	NonCancer	0.00E+00	4.50E-08	2.71E-06	0.00E+00	0.00E+00	2.73E-06	1.40E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.73E-06
1601	ALL	463631.6	3773105	NonCancer	0.00E+00	4.64E-08	2.80E-06	0.00E+00	0.00E+00	2.82E-06	1.45E-06	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	2.82E-06
1602	ALL	463638.5	3773122	NonCancer	0.00E+00	4.67E-08	2.81E-06	0.00E+00	0.00E+00	2.83E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	2.83E-06
1603	ALL	463032.5	3772479	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.37E-07	0.00E+00	9.74E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
1604	ALL	463049.1	3772486	NonCancer	0.00E+00	2.09E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.52E-07	0.00E+00	9.96E-07	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
1605	ALL	463065.7	3772493	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.74E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
1606	ALL	463082.3	3772499	NonCancer	0.00E+00	2.24E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.99E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
1607	ALL	463098.8	3772506	NonCancer	0.00E+00	2.30E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.16E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
1608	ALL	463107.1	3772510	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.22E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
1609	ALL	463123.7	3772516	NonCancer	0.00E+00	2.33E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.26E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
1610	ALL	463140.3	3772523	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.29E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
1611	ALL	463156.9	3772530	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.46E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
1612	ALL	463173.5	3772537	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.83E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
1613	ALL	463190.1	3772544	NonCancer	0.00E+00	2.70E-08	1.62E-06	0.00E+00	0.00E+00	1.64E-06	8.41E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.64E-06
1614	ALL	463206.7	3772551	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.90E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
1615	ALL	463223.3	3772557	NonCancer	0.00E+00	3.01E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.38E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
1616	ALL	463239.9	3772564	NonCancer	0.00E+00	3.08E-08	1.85E-06	0.00E+00	0.00E+00	1.87E-06	9.61E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.87E-06
1617	ALL	463256.5	3772571	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.66E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
1618	ALL	463273.1	3772578	NonCancer	0.00E+00	3.08E-08	1.85E-06	0.00E+00	0.00E+00	1.87E-06	9.61E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.87E-06

1619	ALL	463281.4	3772581	NonCancer	0.00E+00	3.08E-08	1.85E-06	0.00E+00	0.00E+00	1.87E-06	9.61E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.87E-06
1620	ALL	463298	3772588	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.80E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
1621	ALL	463314.6	3772595	NonCancer	0.00E+00	3.33E-08	2.01E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.02E-06
1622	ALL	463331.2	3772602	NonCancer	0.00E+00	3.66E-08	2.21E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.22E-06
1623	ALL	463347.8	3772609	NonCancer	0.00E+00	4.20E-08	2.53E-06	0.00E+00	0.00E+00	2.55E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	2.55E-06
1624	ALL	463364.4	3772616	NonCancer	0.00E+00	5.03E-08	3.03E-06	0.00E+00	0.00E+00	3.05E-06	1.57E-06	0.00E+00	2.40E-06	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.05E-06
1625	ALL	463381	3772622	NonCancer	0.00E+00	6.31E-08	3.80E-06	0.00E+00	0.00E+00	3.83E-06	1.97E-06	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	3.83E-06
1626	ALL	463397.6	3772629	NonCancer	0.00E+00	9.50E-08	5.73E-06	0.00E+00	0.00E+00	5.77E-06	2.97E-06	0.00E+00	4.53E-06	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	5.77E-06
1627	ALL	463439.1	3772646	NonCancer	0.00E+00	1.15E-07	6.91E-06	0.00E+00	0.00E+00	6.97E-06	3.58E-06	0.00E+00	5.47E-06	0.00E+00	0.00E+00	6.91E-06	0.00E+00	0.00E+00	6.97E-06
1628	ALL	463455.6	3772653	NonCancer	0.00E+00	6.54E-08	3.94E-06	0.00E+00	0.00E+00	3.97E-06	2.04E-06	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	3.97E-06
1629	ALL	463472.2	3772660	NonCancer	0.00E+00	4.92E-08	2.97E-06	0.00E+00	0.00E+00	2.99E-06	1.54E-06	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	2.99E-06
1630	ALL	463492.3	3772675	NonCancer	0.00E+00	4.08E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.27E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
1631	ALL	463495.7	3772683	NonCancer	0.00E+00	4.00E-08	2.41E-06	0.00E+00	0.00E+00	2.43E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	2.43E-06
1632	ALL	463502.6	3772700	NonCancer	0.00E+00	3.85E-08	2.32E-06	0.00E+00	0.00E+00	2.34E-06	1.20E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.34E-06
1633	ALL	463509.5	3772717	NonCancer	0.00E+00	3.72E-08	2.24E-06	0.00E+00	0.00E+00	2.26E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.26E-06
1634	ALL	463516.4	3772733	NonCancer	0.00E+00	3.63E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
1635	ALL	463519.9	3772741	NonCancer	0.00E+00	3.59E-08	2.16E-06	0.00E+00	0.00E+00	2.18E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.18E-06
1636	ALL	463526.8	3772758	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.11E-06	1.08E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.11E-06
1637	ALL	463533.7	3772775	NonCancer	0.00E+00	3.39E-08	2.04E-06	0.00E+00	0.00E+00	2.06E-06	1.06E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.06E-06
1638	ALL	463540.6	3772791	NonCancer	0.00E+00	3.28E-08	1.98E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	1.99E-06
1639	ALL	463547.5	3772808	NonCancer	0.00E+00	3.19E-08	1.92E-06	0.00E+00	0.00E+00	1.94E-06	9.95E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.94E-06
1640	ALL	463554.4	3772824	NonCancer	0.00E+00	3.05E-08	1.84E-06	0.00E+00	0.00E+00	1.85E-06	9.52E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.85E-06
1641	ALL	463561.3	3772841	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.34E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
1642	ALL	463568.2	3772857	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.89E-06	9.74E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.89E-06
1643	ALL	463571.7	3772866	NonCancer	0.00E+00	3.18E-08	1.92E-06	0.00E+00	0.00E+00	1.93E-06	9.92E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.93E-06
1644	ALL	463599.3	3772932	NonCancer	0.00E+00	3.45E-08	2.08E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.10E-06
1645	ALL	463606.2	3772948	NonCancer	0.00E+00	3.54E-08	2.13E-06	0.00E+00	0.00E+00	2.15E-06	1.10E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.15E-06
1646	ALL	463613.1	3772965	NonCancer	0.00E+00	3.59E-08	2.16E-06	0.00E+00	0.00E+00	2.18E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.18E-06
1647	ALL	463620	3772982	NonCancer	0.00E+00	3.60E-08	2.17E-06	0.00E+00	0.00E+00	2.19E-06	1.12E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.19E-06
1648	ALL	463623.4	3772990	NonCancer	0.00E+00	3.59E-08	2.16E-06	0.00E+00	0.00E+00	2.18E-06	1.12E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.18E-06
1649	ALL	463630.3	3773006	NonCancer	0.00E+00	3.62E-08	2.18E-06	0.00E+00	0.00E+00	2.20E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.20E-06
1650	ALL	463637.2	3773023	NonCancer	0.00E+00	3.64E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
1651	ALL	463644.1	3773040	NonCancer	0.00E+00	3.65E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
1652	ALL	463647.6	3773048	NonCancer	0.00E+00	3.69E-08	2.22E-06	0.00E+00	0.00E+00	2.24E-06	1.15E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.24E-06
1653	ALL	463654.5	3773064	NonCancer	0.00E+00	3.75E-08	2.26E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.28E-06
1654	ALL	463661.4	3773081	NonCancer	0.00E+00	3.96E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
1655	ALL	463668.3	3773098	NonCancer	0.00E+00	4.09E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.28E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
1656	ALL	463675.2	3773114	NonCancer	0.00E+00	4.09E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.28E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
1657	ALL	463682.1	3773131	NonCancer	0.00E+00	4.03E-08	2.43E-06	0.00E+00	0.00E+00	2.45E-06	1.26E-06	0.00E+00	1.92E-06	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	2.45E-06
1658	ALL	463032.6	3772439	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.04E-07	0.00E+00	9.24E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
1659	ALL	463040.9	3772442	NonCancer	0.00E+00	1.95E-08	1.18E-06	0.00E+00	0.00E+00	1.18E-06	6.09E-07	0.00E+00	9.31E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.18E-06
1660	ALL	463124.4	3772477	NonCancer	0.00E+00	2.15E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.70E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
1661	ALL	463132.8	3772480	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.68E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
1662	ALL	463141.2	3772484	NonCancer	0.00E+00	2.13E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.64E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
1663	ALL	463149.5	3772487	NonCancer	0.00E+00	2.13E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.64E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
1664	ALL	463166.2	3772494	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.74E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
1665	ALL	463174.6	3772497	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.81E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
1666	ALL	463182.9	3772501	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.02E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
1667	ALL	463199.6	3772508	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.58E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
1668	ALL	463208	3772511	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.88E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
1669	ALL	463216.3	3772515	NonCancer	0.00E+00	2.62E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.17E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
1670	ALL	463233	3772522	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.66E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
1671	ALL	463241.4	3772525	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.87E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
1672	ALL	463249.7	3772528	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.77E-06	9.08E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.77E-06

1673	ALL	463266.5	3772535	NonCancer	0.00E+00	3.00E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.35E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
1674	ALL	463274.8	3772539	NonCancer	0.00E+00	3.03E-08	1.82E-06	0.00E+00	0.00E+00	1.84E-06	9.44E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.84E-06
1675	ALL	463283.2	3772542	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.86E-06	9.55E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.86E-06
1676	ALL	463299.9	3772549	NonCancer	0.00E+00	3.16E-08	1.90E-06	0.00E+00	0.00E+00	1.92E-06	9.86E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.92E-06
1677	ALL	463308.2	3772552	NonCancer	0.00E+00	3.24E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
1678	ALL	463316.6	3772556	NonCancer	0.00E+00	3.33E-08	2.01E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.02E-06
1679	ALL	463333.3	3772563	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
1680	ALL	463341.6	3772566	NonCancer	0.00E+00	3.88E-08	2.33E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.35E-06
1681	ALL	463350	3772570	NonCancer	0.00E+00	4.14E-08	2.49E-06	0.00E+00	0.00E+00	2.51E-06	1.29E-06	0.00E+00	1.97E-06	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	2.51E-06
1682	ALL	463358.3	3772573	NonCancer	0.00E+00	4.48E-08	2.70E-06	0.00E+00	0.00E+00	2.72E-06	1.40E-06	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	2.72E-06
1683	ALL	463375.1	3772580	NonCancer	0.00E+00	5.56E-08	3.35E-06	0.00E+00	0.00E+00	3.38E-06	1.73E-06	0.00E+00	2.65E-06	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	3.38E-06
1684	ALL	463383.4	3772583	NonCancer	0.00E+00	6.41E-08	3.86E-06	0.00E+00	0.00E+00	3.90E-06	2.00E-06	0.00E+00	3.06E-06	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	3.90E-06
1685	ALL	463391.8	3772587	NonCancer	0.00E+00	7.78E-08	4.69E-06	0.00E+00	0.00E+00	4.72E-06	2.43E-06	0.00E+00	3.71E-06	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	4.72E-06
1686	ALL	463441.9	3772608	NonCancer	0.00E+00	1.01E-07	6.06E-06	0.00E+00	0.00E+00	6.11E-06	3.14E-06	0.00E+00	4.80E-06	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	6.11E-06
1687	ALL	463450.2	3772611	NonCancer	0.00E+00	7.50E-08	4.52E-06	0.00E+00	0.00E+00	4.56E-06	2.34E-06	0.00E+00	3.58E-06	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	4.56E-06
1688	ALL	463458.6	3772614	NonCancer	0.00E+00	6.11E-08	3.68E-06	0.00E+00	0.00E+00	3.71E-06	1.91E-06	0.00E+00	2.91E-06	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	3.71E-06
1689	ALL	463475.3	3772621	NonCancer	0.00E+00	4.72E-08	2.84E-06	0.00E+00	0.00E+00	2.87E-06	1.47E-06	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	2.87E-06
1690	ALL	463483.7	3772625	NonCancer	0.00E+00	4.30E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
1691	ALL	463492	3772628	NonCancer	0.00E+00	3.96E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
1692	ALL	463508.7	3772635	NonCancer	0.00E+00	3.46E-08	2.09E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.10E-06
1693	ALL	463520.5	3772647	NonCancer	0.00E+00	3.22E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.00E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
1694	ALL	463524	3772655	NonCancer	0.00E+00	3.18E-08	1.91E-06	0.00E+00	0.00E+00	1.93E-06	9.91E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.93E-06
1695	ALL	463531	3772672	NonCancer	0.00E+00	3.11E-08	1.87E-06	0.00E+00	0.00E+00	1.89E-06	9.69E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.89E-06
1696	ALL	463534.4	3772680	NonCancer	0.00E+00	3.08E-08	1.85E-06	0.00E+00	0.00E+00	1.87E-06	9.60E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.87E-06
1697	ALL	463541.4	3772697	NonCancer	0.00E+00	3.04E-08	1.83E-06	0.00E+00	0.00E+00	1.85E-06	9.49E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.85E-06
1698	ALL	463544.9	3772705	NonCancer	0.00E+00	3.03E-08	1.82E-06	0.00E+00	0.00E+00	1.84E-06	9.45E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.84E-06
1699	ALL	463551.8	3772722	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.81E-06	9.29E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.81E-06
1700	ALL	463558.8	3772739	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.76E-06	9.03E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.76E-06
1701	ALL	463562.2	3772747	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.74E-06	8.93E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.74E-06
1702	ALL	463569.2	3772764	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.63E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
1703	ALL	463572.7	3772772	NonCancer	0.00E+00	2.70E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.43E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
1704	ALL	463579.6	3772789	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.45E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
1705	ALL	463583.1	3772797	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.55E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
1706	ALL	463590	3772814	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.69E-06	8.68E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.69E-06
1707	ALL	463593.5	3772822	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.79E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
1708	ALL	463600.4	3772839	NonCancer	0.00E+00	2.92E-08	1.76E-06	0.00E+00	0.00E+00	1.77E-06	9.11E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.77E-06
1709	ALL	463607.4	3772855	NonCancer	0.00E+00	2.99E-08	1.80E-06	0.00E+00	0.00E+00	1.81E-06	9.31E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.81E-06
1710	ALL	463610.9	3772864	NonCancer	0.00E+00	3.00E-08	1.81E-06	0.00E+00	0.00E+00	1.82E-06	9.35E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.82E-06
1711	ALL	463638.7	3772930	NonCancer	0.00E+00	3.10E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.66E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
1712	ALL	463642.1	3772939	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.89E-06	9.73E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.89E-06
1713	ALL	463649.1	3772955	NonCancer	0.00E+00	3.15E-08	1.90E-06	0.00E+00	0.00E+00	1.91E-06	9.84E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.91E-06
1714	ALL	463656	3772972	NonCancer	0.00E+00	3.15E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.82E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
1715	ALL	463659.5	3772980	NonCancer	0.00E+00	3.15E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.81E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
1716	ALL	463666.5	3772997	NonCancer	0.00E+00	3.19E-08	1.92E-06	0.00E+00	0.00E+00	1.93E-06	9.94E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.93E-06
1717	ALL	463669.9	3773005	NonCancer	0.00E+00	3.19E-08	1.92E-06	0.00E+00	0.00E+00	1.94E-06	9.96E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.94E-06
1718	ALL	463676.9	3773022	NonCancer	0.00E+00	3.19E-08	1.92E-06	0.00E+00	0.00E+00	1.93E-06	9.94E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.93E-06
1719	ALL	463680.4	3773030	NonCancer	0.00E+00	3.18E-08	1.91E-06	0.00E+00	0.00E+00	1.93E-06	9.92E-07	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.93E-06
1720	ALL	463687.3	3773047	NonCancer	0.00E+00	3.24E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
1721	ALL	463690.8	3773055	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.02E-06
1722	ALL	463697.7	3773072	NonCancer	0.00E+00	3.51E-08	2.11E-06	0.00E+00	0.00E+00	2.13E-06	1.09E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.13E-06
1723	ALL	463704.7	3773089	NonCancer	0.00E+00	3.62E-08	2.18E-06	0.00E+00	0.00E+00	2.20E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.20E-06
1724	ALL	463708.1	3773097	NonCancer	0.00E+00	3.63E-08	2.19E-06	0.00E+00	0.00E+00	2.21E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.21E-06
1725	ALL	463715.1	3773114	NonCancer	0.00E+00	3.57E-08	2.15E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.16E-06
1726	ALL	463718.6	3773122	NonCancer	0.00E+00	3.52E-08	2.12E-06	0.00E+00	0.00E+00	2.14E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.14E-06

1727	ALL	463725.5	3773139	NonCancer	0.00E+00	3.37E-08	2.03E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.04E-06
1728	ALL	463032.6	3772399	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.71E-07	0.00E+00	8.73E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
1729	ALL	463041	3772403	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.73E-07	0.00E+00	8.76E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
1730	ALL	463049.4	3772406	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.77E-07	0.00E+00	8.82E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
1731	ALL	463057.8	3772409	NonCancer	0.00E+00	1.86E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.80E-07	0.00E+00	8.86E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
1732	ALL	463066.2	3772413	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.87E-07	0.00E+00	8.97E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
1733	ALL	463074.6	3772416	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.95E-07	0.00E+00	9.10E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
1734	ALL	463083	3772420	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.03E-07	0.00E+00	9.21E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
1735	ALL	463091.5	3772423	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.08E-07	0.00E+00	9.30E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
1736	ALL	463099.9	3772427	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.13E-07	0.00E+00	9.36E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
1737	ALL	463108.3	3772430	NonCancer	0.00E+00	1.97E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.15E-07	0.00E+00	9.40E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
1738	ALL	463116.7	3772434	NonCancer	0.00E+00	1.98E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.16E-07	0.00E+00	9.42E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
1739	ALL	463125.1	3772437	NonCancer	0.00E+00	1.97E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.15E-07	0.00E+00	9.41E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
1740	ALL	463133.5	3772441	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.13E-07	0.00E+00	9.37E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
1741	ALL	463217.5	3772475	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.25E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
1742	ALL	463225.9	3772479	NonCancer	0.00E+00	2.42E-08	1.45E-06	0.00E+00	0.00E+00	1.47E-06	7.54E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.47E-06
1743	ALL	463234.3	3772482	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.88E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
1744	ALL	463242.7	3772486	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.60E-06	8.20E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.60E-06
1745	ALL	463251.1	3772489	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.50E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
1746	ALL	463259.5	3772492	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.70E-06	8.76E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.70E-06
1747	ALL	463267.9	3772496	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.02E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
1748	ALL	463276.4	3772499	NonCancer	0.00E+00	2.97E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.27E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06
1749	ALL	463284.8	3772503	NonCancer	0.00E+00	3.04E-08	1.83E-06	0.00E+00	0.00E+00	1.84E-06	9.48E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.84E-06
1750	ALL	463293.2	3772506	NonCancer	0.00E+00	3.10E-08	1.87E-06	0.00E+00	0.00E+00	1.88E-06	9.67E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.88E-06
1751	ALL	463301.6	3772510	NonCancer	0.00E+00	3.17E-08	1.91E-06	0.00E+00	0.00E+00	1.93E-06	9.90E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.93E-06
1752	ALL	463310	3772513	NonCancer	0.00E+00	3.27E-08	1.97E-06	0.00E+00	0.00E+00	1.98E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.98E-06
1753	ALL	463318.4	3772517	NonCancer	0.00E+00	3.38E-08	2.04E-06	0.00E+00	0.00E+00	2.05E-06	1.06E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.05E-06
1754	ALL	463326.8	3772520	NonCancer	0.00E+00	3.51E-08	2.11E-06	0.00E+00	0.00E+00	2.13E-06	1.10E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.13E-06
1755	ALL	463335.2	3772524	NonCancer	0.00E+00	3.66E-08	2.21E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.22E-06
1756	ALL	463343.6	3772527	NonCancer	0.00E+00	3.88E-08	2.34E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.35E-06
1757	ALL	463352	3772531	NonCancer	0.00E+00	4.15E-08	2.50E-06	0.00E+00	0.00E+00	2.52E-06	1.30E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	2.52E-06
1758	ALL	463360.4	3772534	NonCancer	0.00E+00	4.49E-08	2.70E-06	0.00E+00	0.00E+00	2.73E-06	1.40E-06	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	2.73E-06
1759	ALL	463368.8	3772537	NonCancer	0.00E+00	4.92E-08	2.97E-06	0.00E+00	0.00E+00	2.99E-06	1.54E-06	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	2.99E-06
1760	ALL	463377.2	3772541	NonCancer	0.00E+00	5.55E-08	3.35E-06	0.00E+00	0.00E+00	3.37E-06	1.73E-06	0.00E+00	2.65E-06	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	3.37E-06
1761	ALL	463385.6	3772544	NonCancer	0.00E+00	6.51E-08	3.92E-06	0.00E+00	0.00E+00	3.95E-06	2.03E-06	0.00E+00	3.10E-06	0.00E+00	0.00E+00	3.92E-06	0.00E+00	0.00E+00	3.95E-06
1762	ALL	463394	3772548	NonCancer	0.00E+00	8.14E-08	4.90E-06	0.00E+00	0.00E+00	4.94E-06	2.54E-06	0.00E+00	3.88E-06	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	4.94E-06
1763	ALL	463402.4	3772551	NonCancer	0.00E+00	1.16E-07	6.99E-06	0.00E+00	0.00E+00	7.05E-06	3.62E-06	0.00E+00	5.54E-06	0.00E+00	0.00E+00	6.99E-06	0.00E+00	0.00E+00	7.05E-06
1764	ALL	463444.4	3772569	NonCancer	0.00E+00	9.01E-08	5.43E-06	0.00E+00	0.00E+00	5.48E-06	2.81E-06	0.00E+00	4.30E-06	0.00E+00	0.00E+00	5.43E-06	0.00E+00	0.00E+00	5.48E-06
1765	ALL	463452.8	3772572	NonCancer	0.00E+00	6.94E-08	4.18E-06	0.00E+00	0.00E+00	4.21E-06	2.16E-06	0.00E+00	3.31E-06	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	4.21E-06
1766	ALL	463461.2	3772576	NonCancer	0.00E+00	5.76E-08	3.47E-06	0.00E+00	0.00E+00	3.50E-06	1.80E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	3.50E-06
1767	ALL	463469.7	3772579	NonCancer	0.00E+00	5.05E-08	3.04E-06	0.00E+00	0.00E+00	3.07E-06	1.58E-06	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.07E-06
1768	ALL	463478.1	3772582	NonCancer	0.00E+00	4.55E-08	2.74E-06	0.00E+00	0.00E+00	2.76E-06	1.42E-06	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	2.76E-06
1769	ALL	463486.5	3772586	NonCancer	0.00E+00	4.16E-08	2.51E-06	0.00E+00	0.00E+00	2.53E-06	1.30E-06	0.00E+00	1.98E-06	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	2.53E-06
1770	ALL	463494.9	3772589	NonCancer	0.00E+00	3.84E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
1771	ALL	463511.7	3772596	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.02E-06
1772	ALL	463520.1	3772600	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.90E-06	9.74E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.90E-06
1773	ALL	463528.5	3772603	NonCancer	0.00E+00	2.97E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.27E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06
1774	ALL	463536.9	3772607	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.73E-06	8.87E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.73E-06
1775	ALL	463548.8	3772619	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.48E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
1776	ALL	463552.3	3772627	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.64E-06	8.41E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.64E-06
1777	ALL	463559.3	3772644	NonCancer	0.00E+00	2.66E-08	1.60E-06	0.00E+00	0.00E+00	1.61E-06	8.29E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.61E-06
1778	ALL	463566.3	3772660	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.59E-06	8.15E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.59E-06
1779	ALL	463569.8	3772669	NonCancer	0.00E+00	2.60E-08	1.56E-06	0.00E+00	0.00E+00	1.58E-06	8.11E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.58E-06
1780	ALL	463576.8	3772686	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.56E-06	8.00E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.56E-06

1781	ALL	463583.7	3772702	NonCancer	0.00E+00	2.50E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.80E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
1782	ALL	463590.7	3772719	NonCancer	0.00E+00	2.42E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.56E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
1783	ALL	463597.7	3772736	NonCancer	0.00E+00	2.43E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.59E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
1784	ALL	463601.2	3772744	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.67E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
1785	ALL	463608.2	3772761	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.88E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
1786	ALL	463615.2	3772778	NonCancer	0.00E+00	2.58E-08	1.55E-06	0.00E+00	0.00E+00	1.57E-06	8.05E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.57E-06
1787	ALL	463622.2	3772795	NonCancer	0.00E+00	2.60E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.11E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
1788	ALL	463629.2	3772812	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.32E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
1789	ALL	463632.7	3772820	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.39E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
1790	ALL	463639.7	3772837	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.44E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
1791	ALL	463646.7	3772853	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.64E-06	8.45E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.64E-06
1792	ALL	463653.6	3772870	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.65E-06	8.47E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.65E-06
1793	ALL	463657.1	3772879	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.49E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
1794	ALL	463678.1	3772929	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.62E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
1795	ALL	463685.1	3772946	NonCancer	0.00E+00	2.78E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.68E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
1796	ALL	463688.6	3772954	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.69E-06	8.67E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.69E-06
1797	ALL	463695.6	3772971	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.70E-06	8.71E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.70E-06
1798	ALL	463702.6	3772988	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.81E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
1799	ALL	463709.6	3773004	NonCancer	0.00E+00	2.82E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.78E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
1800	ALL	463716.6	3773021	NonCancer	0.00E+00	2.78E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.68E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
1801	ALL	463720.1	3773030	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.77E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
1802	ALL	463727	3773046	NonCancer	0.00E+00	2.96E-08	1.78E-06	0.00E+00	0.00E+00	1.80E-06	9.25E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	1.80E-06
1803	ALL	463734	3773063	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.89E-06	9.72E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.89E-06
1804	ALL	463741	3773080	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
1805	ALL	463744.5	3773088	NonCancer	0.00E+00	3.22E-08	1.94E-06	0.00E+00	0.00E+00	1.95E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.95E-06
1806	ALL	463751.5	3773105	NonCancer	0.00E+00	3.15E-08	1.90E-06	0.00E+00	0.00E+00	1.91E-06	9.83E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.91E-06
1807	ALL	463758.5	3773122	NonCancer	0.00E+00	3.01E-08	1.81E-06	0.00E+00	0.00E+00	1.83E-06	9.39E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.83E-06
1808	ALL	463032.3	3772359	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.39E-07	0.00E+00	8.24E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
1809	ALL	463049	3772366	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.40E-07	0.00E+00	8.26E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
1810	ALL	463057.3	3772369	NonCancer	0.00E+00	1.74E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.41E-07	0.00E+00	8.27E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
1811	ALL	463065.6	3772373	NonCancer	0.00E+00	1.74E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.44E-07	0.00E+00	8.31E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
1812	ALL	463082.3	3772380	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.55E-07	0.00E+00	8.49E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
1813	ALL	463090.6	3772383	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.59E-07	0.00E+00	8.55E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
1814	ALL	463107.2	3772390	NonCancer	0.00E+00	1.81E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.64E-07	0.00E+00	8.62E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
1815	ALL	463115.6	3772393	NonCancer	0.00E+00	1.81E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.64E-07	0.00E+00	8.62E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
1816	ALL	463123.9	3772397	NonCancer	0.00E+00	1.80E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.63E-07	0.00E+00	8.61E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
1817	ALL	463140.5	3772404	NonCancer	0.00E+00	1.79E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.57E-07	0.00E+00	8.51E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
1818	ALL	463148.9	3772407	NonCancer	0.00E+00	1.77E-08	1.07E-06	0.00E+00	0.00E+00	1.07E-06	5.52E-07	0.00E+00	8.44E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.07E-06
1819	ALL	463165.5	3772414	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.39E-07	0.00E+00	8.24E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
1820	ALL	463173.9	3772417	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.44E-07	0.00E+00	8.32E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
1821	ALL	463182.2	3772421	NonCancer	0.00E+00	1.77E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.53E-07	0.00E+00	8.45E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
1822	ALL	463198.8	3772428	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.78E-07	0.00E+00	8.83E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
1823	ALL	463207.2	3772431	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.04E-07	0.00E+00	9.24E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
1824	ALL	463223.8	3772438	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.68E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
1825	ALL	463315.4	3772476	NonCancer	0.00E+00	3.33E-08	2.00E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.02E-06
1826	ALL	463323.7	3772479	NonCancer	0.00E+00	3.46E-08	2.08E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.10E-06
1827	ALL	463340.4	3772486	NonCancer	0.00E+00	3.79E-08	2.28E-06	0.00E+00	0.00E+00	2.30E-06	1.18E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.30E-06
1828	ALL	463348.7	3772489	NonCancer	0.00E+00	4.01E-08	2.42E-06	0.00E+00	0.00E+00	2.43E-06	1.25E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	2.43E-06
1829	ALL	463357	3772493	NonCancer	0.00E+00	4.30E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
1830	ALL	463373.7	3772500	NonCancer	0.00E+00	5.18E-08	3.12E-06	0.00E+00	0.00E+00	3.15E-06	1.62E-06	0.00E+00	2.47E-06	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.15E-06
1831	ALL	463382	3772503	NonCancer	0.00E+00	5.92E-08	3.57E-06	0.00E+00	0.00E+00	3.60E-06	1.85E-06	0.00E+00	2.82E-06	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	3.60E-06
1832	ALL	463398.7	3772510	NonCancer	0.00E+00	9.51E-08	5.73E-06	0.00E+00	0.00E+00	5.78E-06	2.97E-06	0.00E+00	4.54E-06	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	5.78E-06
1833	ALL	463440.3	3772527	NonCancer	0.00E+00	1.05E-07	6.35E-06	0.00E+00	0.00E+00	6.40E-06	3.29E-06	0.00E+00	5.02E-06	0.00E+00	0.00E+00	6.35E-06	0.00E+00	0.00E+00	6.40E-06
1834	ALL	463456.9	3772534	NonCancer	0.00E+00	6.22E-08	3.75E-06	0.00E+00	0.00E+00	3.78E-06	1.94E-06	0.00E+00	2.97E-06	0.00E+00	0.00E+00	3.75E-06	0.00E+00	0.00E+00	3.78E-06

1835	ALL	463465.3	3772537	NonCancer	0.00E+00	5.34E-08	3.22E-06	0.00E+00	0.00E+00	3.24E-06	1.67E-06	0.00E+00	2.55E-06	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	3.24E-06
1836	ALL	463473.6	3772541	NonCancer	0.00E+00	4.78E-08	2.88E-06	0.00E+00	0.00E+00	2.90E-06	1.49E-06	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	2.90E-06
1837	ALL	463490.3	3772548	NonCancer	0.00E+00	3.99E-08	2.41E-06	0.00E+00	0.00E+00	2.43E-06	1.25E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	2.43E-06
1838	ALL	463498.6	3772551	NonCancer	0.00E+00	3.69E-08	2.22E-06	0.00E+00	0.00E+00	2.24E-06	1.15E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.24E-06
1839	ALL	463506.9	3772554	NonCancer	0.00E+00	3.44E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06
1840	ALL	463523.6	3772561	NonCancer	0.00E+00	3.03E-08	1.83E-06	0.00E+00	0.00E+00	1.84E-06	9.45E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.84E-06
1841	ALL	463531.9	3772565	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.91E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
1842	ALL	463548.5	3772572	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.60E-06	8.21E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.60E-06
1843	ALL	463556.9	3772575	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.98E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
1844	ALL	463565.2	3772578	NonCancer	0.00E+00	2.48E-08	1.49E-06	0.00E+00	0.00E+00	1.51E-06	7.74E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.51E-06
1845	ALL	463577	3772590	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.38E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
1846	ALL	463580.4	3772598	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.30E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
1847	ALL	463587.4	3772615	NonCancer	0.00E+00	2.30E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.17E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
1848	ALL	463594.3	3772632	NonCancer	0.00E+00	2.26E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.06E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
1849	ALL	463601.2	3772648	NonCancer	0.00E+00	2.22E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.94E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
1850	ALL	463608.1	3772665	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.80E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
1851	ALL	463615.1	3772682	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.80E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
1852	ALL	463622	3772698	NonCancer	0.00E+00	2.25E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.03E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
1853	ALL	463628.9	3772715	NonCancer	0.00E+00	2.32E-08	1.39E-06	0.00E+00	0.00E+00	1.41E-06	7.23E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.41E-06
1854	ALL	463635.8	3772731	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.35E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
1855	ALL	463642.8	3772748	NonCancer	0.00E+00	2.40E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.49E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
1856	ALL	463649.7	3772765	NonCancer	0.00E+00	2.41E-08	1.45E-06	0.00E+00	0.00E+00	1.46E-06	7.52E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.46E-06
1857	ALL	463656.6	3772781	NonCancer	0.00E+00	2.42E-08	1.45E-06	0.00E+00	0.00E+00	1.47E-06	7.54E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.47E-06
1858	ALL	463663.6	3772798	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.61E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
1859	ALL	463670.5	3772815	NonCancer	0.00E+00	2.45E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.63E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
1860	ALL	463677.4	3772831	NonCancer	0.00E+00	2.45E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.66E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
1861	ALL	463684.3	3772848	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.48E-06	7.59E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.48E-06
1862	ALL	463691.3	3772864	NonCancer	0.00E+00	2.43E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.58E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
1863	ALL	463719	3772931	NonCancer	0.00E+00	2.47E-08	1.48E-06	0.00E+00	0.00E+00	1.50E-06	7.69E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.50E-06
1864	ALL	463725.9	3772948	NonCancer	0.00E+00	2.50E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.78E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
1865	ALL	463732.8	3772964	NonCancer	0.00E+00	2.50E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.79E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
1866	ALL	463739.7	3772981	NonCancer	0.00E+00	2.52E-08	1.51E-06	0.00E+00	0.00E+00	1.53E-06	7.85E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.53E-06
1867	ALL	463746.7	3772997	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.76E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
1868	ALL	463753.6	3773014	NonCancer	0.00E+00	2.45E-08	1.47E-06	0.00E+00	0.00E+00	1.49E-06	7.64E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.49E-06
1869	ALL	463760.5	3773031	NonCancer	0.00E+00	2.60E-08	1.56E-06	0.00E+00	0.00E+00	1.58E-06	8.10E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.58E-06
1870	ALL	463767.4	3773047	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.65E-06	8.46E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.65E-06
1871	ALL	463774.4	3773064	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.82E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
1872	ALL	463781.3	3773081	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.91E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
1873	ALL	463788.2	3773097	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.69E-06	8.67E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.69E-06
1874	ALL	463795.1	3773114	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.60E-06	8.21E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.60E-06
1875	ALL	463802.1	3773130	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.14E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
1876	ALL	463032.4	3772319	NonCancer	0.00E+00	1.64E-08	9.85E-07	0.00E+00	0.00E+00	9.93E-07	5.10E-07	0.00E+00	7.80E-07	0.00E+00	0.00E+00	9.85E-07	0.00E+00	0.00E+00	9.93E-07
1877	ALL	463040.7	3772322	NonCancer	0.00E+00	1.63E-08	9.82E-07	0.00E+00	0.00E+00	9.90E-07	5.09E-07	0.00E+00	7.78E-07	0.00E+00	0.00E+00	9.82E-07	0.00E+00	0.00E+00	9.90E-07
1878	ALL	463049.1	3772326	NonCancer	0.00E+00	1.63E-08	9.81E-07	0.00E+00	0.00E+00	9.89E-07	5.08E-07	0.00E+00	7.77E-07	0.00E+00	0.00E+00	9.81E-07	0.00E+00	0.00E+00	9.89E-07
1879	ALL	463065.9	3772333	NonCancer	0.00E+00	1.63E-08	9.81E-07	0.00E+00	0.00E+00	9.89E-07	5.08E-07	0.00E+00	7.77E-07	0.00E+00	0.00E+00	9.81E-07	0.00E+00	0.00E+00	9.89E-07
1880	ALL	463074.2	3772336	NonCancer	0.00E+00	1.64E-08	9.88E-07	0.00E+00	0.00E+00	9.96E-07	5.12E-07	0.00E+00	7.82E-07	0.00E+00	0.00E+00	9.88E-07	0.00E+00	0.00E+00	9.96E-07
1881	ALL	463082.6	3772340	NonCancer	0.00E+00	1.65E-08	9.95E-07	0.00E+00	0.00E+00	1.00E-06	5.15E-07	0.00E+00	7.88E-07	0.00E+00	0.00E+00	9.95E-07	0.00E+00	0.00E+00	1.00E-06
1882	ALL	463091	3772343	NonCancer	0.00E+00	1.66E-08	9.99E-07	0.00E+00	0.00E+00	1.01E-06	5.18E-07	0.00E+00	7.92E-07	0.00E+00	0.00E+00	9.99E-07	0.00E+00	0.00E+00	1.01E-06
1883	ALL	463107.7	3772350	NonCancer	0.00E+00	1.67E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.20E-07	0.00E+00	7.94E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
1884	ALL	463116.1	3772353	NonCancer	0.00E+00	1.66E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.19E-07	0.00E+00	7.93E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
1885	ALL	463124.5	3772357	NonCancer	0.00E+00	1.66E-08	9.98E-07	0.00E+00	0.00E+00	1.01E-06	5.17E-07	0.00E+00	7.91E-07	0.00E+00	0.00E+00	9.98E-07	0.00E+00	0.00E+00	1.01E-06
1886	ALL	463141.2	3772364	NonCancer	0.00E+00	1.64E-08	9.85E-07	0.00E+00	0.00E+00	9.93E-07	5.10E-07	0.00E+00	7.80E-07	0.00E+00	0.00E+00	9.85E-07	0.00E+00	0.00E+00	9.93E-07
1887	ALL	463149.6	3772367	NonCancer	0.00E+00	1.62E-08	9.75E-07	0.00E+00	0.00E+00	9.83E-07	5.05E-07	0.00E+00	7.73E-07	0.00E+00	0.00E+00	9.75E-07	0.00E+00	0.00E+00	9.83E-07
1888	ALL	463158	3772371	NonCancer	0.00E+00	1.61E-08	9.69E-07	0.00E+00	0.00E+00	9.76E-07	5.02E-07	0.00E+00	7.67E-07	0.00E+00	0.00E+00	9.69E-07	0.00E+00	0.00E+00	9.76E-07

1889	ALL	463166.3	3772374	NonCancer	0.00E+00	1.60E-08	9.65E-07	0.00E+00	0.00E+00	9.73E-07	5.00E-07	0.00E+00	7.65E-07	0.00E+00	0.00E+00	9.65E-07	0.00E+00	0.00E+00	9.73E-07
1890	ALL	463183.1	3772381	NonCancer	0.00E+00	1.62E-08	9.73E-07	0.00E+00	0.00E+00	9.81E-07	5.04E-07	0.00E+00	7.71E-07	0.00E+00	0.00E+00	9.73E-07	0.00E+00	0.00E+00	9.81E-07
1891	ALL	463191.5	3772385	NonCancer	0.00E+00	1.64E-08	9.87E-07	0.00E+00	0.00E+00	9.95E-07	5.12E-07	0.00E+00	7.82E-07	0.00E+00	0.00E+00	9.87E-07	0.00E+00	0.00E+00	9.95E-07
1892	ALL	463199.8	3772388	NonCancer	0.00E+00	1.66E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.19E-07	0.00E+00	7.94E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
1893	ALL	463208.2	3772391	NonCancer	0.00E+00	1.72E-08	1.04E-06	0.00E+00	0.00E+00	1.04E-06	5.37E-07	0.00E+00	8.21E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.04E-06
1894	ALL	463224.9	3772398	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.07E-07	0.00E+00	9.27E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
1895	ALL	463233.3	3772402	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.48E-07	0.00E+00	9.91E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
1896	ALL	463241.7	3772405	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.91E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
1897	ALL	463250.1	3772409	NonCancer	0.00E+00	2.35E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.33E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
1898	ALL	463266.8	3772416	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.13E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
1899	ALL	463275.2	3772419	NonCancer	0.00E+00	2.73E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.50E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
1900	ALL	463283.6	3772422	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.89E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
1901	ALL	463291.9	3772426	NonCancer	0.00E+00	2.97E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.26E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06
1902	ALL	463308.7	3772433	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
1903	ALL	463317.1	3772436	NonCancer	0.00E+00	3.34E-08	2.01E-06	0.00E+00	0.00E+00	2.03E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.03E-06
1904	ALL	463442.7	3772488	NonCancer	0.00E+00	9.33E-08	5.62E-06	0.00E+00	0.00E+00	5.67E-06	2.91E-06	0.00E+00	4.45E-06	0.00E+00	0.00E+00	5.62E-06	0.00E+00	0.00E+00	5.67E-06
1905	ALL	463451	3772491	NonCancer	0.00E+00	7.04E-08	4.24E-06	0.00E+00	0.00E+00	4.28E-06	2.20E-06	0.00E+00	3.36E-06	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	4.28E-06
1906	ALL	463467.8	3772498	NonCancer	0.00E+00	5.06E-08	3.05E-06	0.00E+00	0.00E+00	3.07E-06	1.58E-06	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.07E-06
1907	ALL	463476.1	3772502	NonCancer	0.00E+00	4.57E-08	2.75E-06	0.00E+00	0.00E+00	2.78E-06	1.43E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.78E-06
1908	ALL	463484.5	3772505	NonCancer	0.00E+00	4.19E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
1909	ALL	463492.9	3772509	NonCancer	0.00E+00	3.86E-08	2.33E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.35E-06
1910	ALL	463509.6	3772516	NonCancer	0.00E+00	3.34E-08	2.01E-06	0.00E+00	0.00E+00	2.03E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.03E-06
1911	ALL	463518	3772519	NonCancer	0.00E+00	3.13E-08	1.88E-06	0.00E+00	0.00E+00	1.90E-06	9.76E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.90E-06
1912	ALL	463526.4	3772522	NonCancer	0.00E+00	2.95E-08	1.78E-06	0.00E+00	0.00E+00	1.79E-06	9.20E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	1.79E-06
1913	ALL	463534.8	3772526	NonCancer	0.00E+00	2.80E-08	1.68E-06	0.00E+00	0.00E+00	1.70E-06	8.72E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.70E-06
1914	ALL	463551.5	3772533	NonCancer	0.00E+00	2.55E-08	1.53E-06	0.00E+00	0.00E+00	1.55E-06	7.94E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.55E-06
1915	ALL	463559.9	3772536	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.62E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
1916	ALL	463568.3	3772540	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.36E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
1917	ALL	463585	3772547	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.95E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
1918	ALL	463593.4	3772550	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.74E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
1919	ALL	463605.2	3772562	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.45E-07	0.00E+00	9.86E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
1920	ALL	463608.7	3772570	NonCancer	0.00E+00	2.05E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.39E-07	0.00E+00	9.76E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
1921	ALL	463615.7	3772587	NonCancer	0.00E+00	2.00E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.25E-07	0.00E+00	9.56E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
1922	ALL	463622.6	3772604	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.12E-07	0.00E+00	9.35E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
1923	ALL	463626.1	3772612	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.03E-07	0.00E+00	9.22E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
1924	ALL	463633.1	3772629	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.13E-07	0.00E+00	9.37E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
1925	ALL	463640.1	3772645	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.35E-07	0.00E+00	9.71E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
1926	ALL	463647	3772662	NonCancer	0.00E+00	2.09E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.53E-07	0.00E+00	9.99E-07	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
1927	ALL	463654	3772679	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.75E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
1928	ALL	463657.5	3772687	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.82E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
1929	ALL	463664.4	3772704	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.89E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
1930	ALL	463671.4	3772721	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.96E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
1931	ALL	463678.4	3772737	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.94E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
1932	ALL	463681.8	3772746	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.89E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
1933	ALL	463688.8	3772762	NonCancer	0.00E+00	2.20E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.85E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
1934	ALL	463695.8	3772779	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.91E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
1935	ALL	463702.7	3772796	NonCancer	0.00E+00	2.22E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.93E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
1936	ALL	463709.7	3772813	NonCancer	0.00E+00	2.22E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.93E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
1937	ALL	463713.2	3772821	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.89E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
1938	ALL	463720.1	3772838	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.78E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
1939	ALL	463727.1	3772854	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.75E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
1940	ALL	463734.1	3772871	NonCancer	0.00E+00	2.15E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.71E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
1941	ALL	463758.5	3772930	NonCancer	0.00E+00	2.24E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.98E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
1942	ALL	463761.9	3772938	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.01E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06

1943	ALL	463768.9	3772955	NonCancer	0.00E+00	2.24E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.98E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
1944	ALL	463775.9	3772971	NonCancer	0.00E+00	2.24E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	6.99E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
1945	ALL	463782.8	3772988	NonCancer	0.00E+00	2.20E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.85E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
1946	ALL	463789.8	3773005	NonCancer	0.00E+00	2.17E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.77E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
1947	ALL	463793.3	3773013	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.37E-06	7.02E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.37E-06
1948	ALL	463800.2	3773030	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.42E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
1949	ALL	463807.2	3773047	NonCancer	0.00E+00	2.47E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.70E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
1950	ALL	463814.2	3773063	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.54E-06	7.90E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.54E-06
1951	ALL	463817.7	3773072	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.54E-06	7.90E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.54E-06
1952	ALL	463824.6	3773088	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.67E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
1953	ALL	463831.6	3773105	NonCancer	0.00E+00	2.35E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.32E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
1954	ALL	463838.5	3773122	NonCancer	0.00E+00	2.38E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.44E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
1955	ALL	463845.5	3773139	NonCancer	0.00E+00	2.48E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.75E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
1956	ALL	463032.1	3772279	NonCancer	0.00E+00	1.55E-08	9.31E-07	0.00E+00	0.00E+00	9.39E-07	4.82E-07	0.00E+00	7.37E-07	0.00E+00	0.00E+00	9.31E-07	0.00E+00	0.00E+00	9.39E-07
1957	ALL	463048.7	3772286	NonCancer	0.00E+00	1.53E-08	9.22E-07	0.00E+00	0.00E+00	9.29E-07	4.77E-07	0.00E+00	7.30E-07	0.00E+00	0.00E+00	9.22E-07	0.00E+00	0.00E+00	9.29E-07
1958	ALL	463065.3	3772293	NonCancer	0.00E+00	1.52E-08	9.17E-07	0.00E+00	0.00E+00	9.25E-07	4.75E-07	0.00E+00	7.26E-07	0.00E+00	0.00E+00	9.17E-07	0.00E+00	0.00E+00	9.25E-07
1959	ALL	463073.6	3772296	NonCancer	0.00E+00	1.52E-08	9.18E-07	0.00E+00	0.00E+00	9.25E-07	4.75E-07	0.00E+00	7.27E-07	0.00E+00	0.00E+00	9.18E-07	0.00E+00	0.00E+00	9.25E-07
1960	ALL	463090.2	3772303	NonCancer	0.00E+00	1.54E-08	9.25E-07	0.00E+00	0.00E+00	9.32E-07	4.79E-07	0.00E+00	7.33E-07	0.00E+00	0.00E+00	9.25E-07	0.00E+00	0.00E+00	9.32E-07
1961	ALL	463098.5	3772306	NonCancer	0.00E+00	1.54E-08	9.26E-07	0.00E+00	0.00E+00	9.34E-07	4.80E-07	0.00E+00	7.34E-07	0.00E+00	0.00E+00	9.26E-07	0.00E+00	0.00E+00	9.34E-07
1962	ALL	463106.8	3772310	NonCancer	0.00E+00	1.54E-08	9.26E-07	0.00E+00	0.00E+00	9.34E-07	4.80E-07	0.00E+00	7.34E-07	0.00E+00	0.00E+00	9.26E-07	0.00E+00	0.00E+00	9.34E-07
1963	ALL	463123.4	3772317	NonCancer	0.00E+00	1.53E-08	9.21E-07	0.00E+00	0.00E+00	9.29E-07	4.77E-07	0.00E+00	7.30E-07	0.00E+00	0.00E+00	9.21E-07	0.00E+00	0.00E+00	9.29E-07
1964	ALL	463131.7	3772320	NonCancer	0.00E+00	1.52E-08	9.17E-07	0.00E+00	0.00E+00	9.24E-07	4.75E-07	0.00E+00	7.26E-07	0.00E+00	0.00E+00	9.17E-07	0.00E+00	0.00E+00	9.24E-07
1965	ALL	463148.3	3772327	NonCancer	0.00E+00	1.51E-08	9.11E-07	0.00E+00	0.00E+00	9.19E-07	4.72E-07	0.00E+00	7.22E-07	0.00E+00	0.00E+00	9.11E-07	0.00E+00	0.00E+00	9.19E-07
1966	ALL	463156.6	3772330	NonCancer	0.00E+00	1.51E-08	9.11E-07	0.00E+00	0.00E+00	9.19E-07	4.72E-07	0.00E+00	7.22E-07	0.00E+00	0.00E+00	9.11E-07	0.00E+00	0.00E+00	9.19E-07
1967	ALL	463173.2	3772337	NonCancer	0.00E+00	1.51E-08	9.09E-07	0.00E+00	0.00E+00	9.16E-07	4.71E-07	0.00E+00	7.20E-07	0.00E+00	0.00E+00	9.09E-07	0.00E+00	0.00E+00	9.16E-07
1968	ALL	463189.8	3772344	NonCancer	0.00E+00	1.52E-08	9.13E-07	0.00E+00	0.00E+00	9.21E-07	4.73E-07	0.00E+00	7.23E-07	0.00E+00	0.00E+00	9.13E-07	0.00E+00	0.00E+00	9.21E-07
1969	ALL	463206.5	3772351	NonCancer	0.00E+00	1.60E-08	9.63E-07	0.00E+00	0.00E+00	9.71E-07	4.99E-07	0.00E+00	7.63E-07	0.00E+00	0.00E+00	9.63E-07	0.00E+00	0.00E+00	9.71E-07
1970	ALL	463214.8	3772354	NonCancer	0.00E+00	1.67E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.21E-07	0.00E+00	7.96E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
1971	ALL	463231.4	3772361	NonCancer	0.00E+00	1.90E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.94E-07	0.00E+00	9.08E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
1972	ALL	463248	3772368	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.73E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
1973	ALL	463256.3	3772371	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.15E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
1974	ALL	463264.6	3772375	NonCancer	0.00E+00	2.42E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.55E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
1975	ALL	463281.2	3772382	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.39E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
1976	ALL	463289.5	3772385	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.82E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
1977	ALL	463306.1	3772392	NonCancer	0.00E+00	3.10E-08	1.87E-06	0.00E+00	0.00E+00	1.88E-06	9.67E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.88E-06
1978	ALL	463314.4	3772395	NonCancer	0.00E+00	3.24E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
1979	ALL	463331	3772402	NonCancer	0.00E+00	3.56E-08	2.15E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.16E-06
1980	ALL	463339.3	3772405	NonCancer	0.00E+00	3.75E-08	2.26E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.28E-06
1981	ALL	463355.9	3772412	NonCancer	0.00E+00	4.26E-08	2.56E-06	0.00E+00	0.00E+00	2.58E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.58E-06
1982	ALL	463372.5	3772419	NonCancer	0.00E+00	5.06E-08	3.05E-06	0.00E+00	0.00E+00	3.07E-06	1.58E-06	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.07E-06
1983	ALL	463380.8	3772423	NonCancer	0.00E+00	5.73E-08	3.45E-06	0.00E+00	0.00E+00	3.48E-06	1.79E-06	0.00E+00	2.73E-06	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	3.48E-06
1984	ALL	463389.1	3772426	NonCancer	0.00E+00	6.84E-08	4.12E-06	0.00E+00	0.00E+00	4.16E-06	2.13E-06	0.00E+00	3.26E-06	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	4.16E-06
1985	ALL	463488.8	3772467	NonCancer	0.00E+00	3.94E-08	2.37E-06	0.00E+00	0.00E+00	2.39E-06	1.23E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.39E-06
1986	ALL	463497.1	3772470	NonCancer	0.00E+00	3.66E-08	2.21E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.22E-06
1987	ALL	463513.7	3772477	NonCancer	0.00E+00	3.21E-08	1.93E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	1.95E-06
1988	ALL	463530.3	3772484	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.74E-06	8.92E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.74E-06
1989	ALL	463538.6	3772488	NonCancer	0.00E+00	2.71E-08	1.63E-06	0.00E+00	0.00E+00	1.65E-06	8.46E-07	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	1.65E-06
1990	ALL	463546.9	3772491	NonCancer	0.00E+00	2.59E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.07E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
1991	ALL	463563.5	3772498	NonCancer	0.00E+00	2.40E-08	1.44E-06	0.00E+00	0.00E+00	1.46E-06	7.48E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.46E-06
1992	ALL	463571.8	3772501	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.20E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
1993	ALL	463588.4	3772508	NonCancer	0.00E+00	2.14E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.69E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
1994	ALL	463596.8	3772511	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.49E-07	0.00E+00	9.93E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
1995	ALL	463613.4	3772518	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.12E-07	0.00E+00	9.36E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
1996	ALL	463621.7	3772522	NonCancer	0.00E+00	1.90E-08	1.15E-06	0.00E+00	0.00E+00	1.15E-06	5.93E-07	0.00E+00	9.06E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.15E-06

1997	ALL	463633.4	3772533	NonCancer	0.00E+00	1.82E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.67E-07	0.00E+00	8.66E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
1998	ALL	463640.3	3772550	NonCancer	0.00E+00	1.77E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.53E-07	0.00E+00	8.46E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
1999	ALL	463647.2	3772567	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.41E-07	0.00E+00	8.27E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
2000	ALL	463654.1	3772583	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.58E-07	0.00E+00	8.54E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
2001	ALL	463661.1	3772600	NonCancer	0.00E+00	1.86E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.80E-07	0.00E+00	8.87E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
2002	ALL	463668	3772616	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.01E-07	0.00E+00	9.19E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
2003	ALL	463674.9	3772633	NonCancer	0.00E+00	1.97E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.16E-07	0.00E+00	9.41E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
2004	ALL	463681.8	3772649	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.34E-07	0.00E+00	9.69E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
2005	ALL	463688.7	3772666	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.44E-07	0.00E+00	9.84E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
2006	ALL	463695.6	3772683	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.43E-07	0.00E+00	9.84E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
2007	ALL	463702.5	3772699	NonCancer	0.00E+00	2.06E-08	1.24E-06	0.00E+00	0.00E+00	1.25E-06	6.43E-07	0.00E+00	9.83E-07	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.25E-06
2008	ALL	463709.4	3772716	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.35E-07	0.00E+00	9.70E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
2009	ALL	463716.3	3772732	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.20E-06	6.19E-07	0.00E+00	9.47E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.20E-06
2010	ALL	463719.8	3772741	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.23E-07	0.00E+00	9.52E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
2011	ALL	463726.7	3772757	NonCancer	0.00E+00	2.02E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.29E-07	0.00E+00	9.62E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
2012	ALL	463733.6	3772774	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.31E-07	0.00E+00	9.64E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
2013	ALL	463740.5	3772790	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.28E-07	0.00E+00	9.61E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
2014	ALL	463747.4	3772807	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.21E-07	0.00E+00	9.49E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
2015	ALL	463754.3	3772824	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.08E-07	0.00E+00	9.30E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
2016	ALL	463761.2	3772840	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.06E-07	0.00E+00	9.26E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
2017	ALL	463768.1	3772857	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.02E-07	0.00E+00	9.21E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
2018	ALL	463775	3772873	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.03E-07	0.00E+00	9.22E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
2019	ALL	463802.7	3772940	NonCancer	0.00E+00	2.01E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.29E-07	0.00E+00	9.61E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
2020	ALL	463806.1	3772948	NonCancer	0.00E+00	2.00E-08	1.21E-06	0.00E+00	0.00E+00	1.22E-06	6.25E-07	0.00E+00	9.55E-07	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.22E-06
2021	ALL	463813	3772964	NonCancer	0.00E+00	1.99E-08	1.20E-06	0.00E+00	0.00E+00	1.20E-06	6.19E-07	0.00E+00	9.47E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.20E-06
2022	ALL	463819.9	3772981	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.01E-07	0.00E+00	9.19E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
2023	ALL	463826.8	3772998	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.10E-07	0.00E+00	9.33E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
2024	ALL	463833.7	3773014	NonCancer	0.00E+00	2.09E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.51E-07	0.00E+00	9.95E-07	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
2025	ALL	463840.6	3773031	NonCancer	0.00E+00	2.17E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.77E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
2026	ALL	463847.5	3773047	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.01E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
2027	ALL	463854.5	3773064	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.13E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
2028	ALL	463861.4	3773081	NonCancer	0.00E+00	2.25E-08	1.35E-06	0.00E+00	0.00E+00	1.36E-06	7.02E-07	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.36E-06
2029	ALL	463868.3	3773097	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.73E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
2030	ALL	463875.2	3773114	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.85E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
2031	ALL	463882.1	3773130	NonCancer	0.00E+00	2.27E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.07E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
2032	ALL	463107.2	3772270	NonCancer	0.00E+00	1.42E-08	8.55E-07	0.00E+00	0.00E+00	8.62E-07	4.43E-07	0.00E+00	6.78E-07	0.00E+00	0.00E+00	8.55E-07	0.00E+00	0.00E+00	8.62E-07
2033	ALL	463123.9	3772277	NonCancer	0.00E+00	1.41E-08	8.50E-07	0.00E+00	0.00E+00	8.57E-07	4.41E-07	0.00E+00	6.73E-07	0.00E+00	0.00E+00	8.50E-07	0.00E+00	0.00E+00	8.57E-07
2034	ALL	463132.3	3772280	NonCancer	0.00E+00	1.42E-08	8.52E-07	0.00E+00	0.00E+00	8.59E-07	4.41E-07	0.00E+00	6.75E-07	0.00E+00	0.00E+00	8.52E-07	0.00E+00	0.00E+00	8.59E-07
2035	ALL	463140.6	3772284	NonCancer	0.00E+00	1.42E-08	8.55E-07	0.00E+00	0.00E+00	8.62E-07	4.43E-07	0.00E+00	6.77E-07	0.00E+00	0.00E+00	8.55E-07	0.00E+00	0.00E+00	8.62E-07
2036	ALL	463157.3	3772291	NonCancer	0.00E+00	1.43E-08	8.58E-07	0.00E+00	0.00E+00	8.65E-07	4.45E-07	0.00E+00	6.80E-07	0.00E+00	0.00E+00	8.58E-07	0.00E+00	0.00E+00	8.65E-07
2037	ALL	463165.7	3772294	NonCancer	0.00E+00	1.43E-08	8.58E-07	0.00E+00	0.00E+00	8.65E-07	4.45E-07	0.00E+00	6.80E-07	0.00E+00	0.00E+00	8.58E-07	0.00E+00	0.00E+00	8.65E-07
2038	ALL	463174	3772297	NonCancer	0.00E+00	1.43E-08	8.59E-07	0.00E+00	0.00E+00	8.66E-07	4.45E-07	0.00E+00	6.80E-07	0.00E+00	0.00E+00	8.59E-07	0.00E+00	0.00E+00	8.66E-07
2039	ALL	463190.7	3772304	NonCancer	0.00E+00	1.45E-08	8.73E-07	0.00E+00	0.00E+00	8.80E-07	4.52E-07	0.00E+00	6.91E-07	0.00E+00	0.00E+00	8.73E-07	0.00E+00	0.00E+00	8.80E-07
2040	ALL	463199.1	3772308	NonCancer	0.00E+00	1.48E-08	8.93E-07	0.00E+00	0.00E+00	9.00E-07	4.63E-07	0.00E+00	7.07E-07	0.00E+00	0.00E+00	8.93E-07	0.00E+00	0.00E+00	9.00E-07
2041	ALL	463207.4	3772311	NonCancer	0.00E+00	1.55E-08	9.31E-07	0.00E+00	0.00E+00	9.39E-07	4.82E-07	0.00E+00	7.37E-07	0.00E+00	0.00E+00	9.31E-07	0.00E+00	0.00E+00	9.39E-07
2042	ALL	463224.1	3772318	NonCancer	0.00E+00	1.69E-08	1.02E-06	0.00E+00	0.00E+00	1.02E-06	5.27E-07	0.00E+00	8.05E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.02E-06
2043	ALL	463232.5	3772321	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.59E-07	0.00E+00	8.55E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
2044	ALL	463240.8	3772325	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.96E-07	0.00E+00	9.10E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
2045	ALL	463257.5	3772332	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.73E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
2046	ALL	463265.9	3772335	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.16E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
2047	ALL	463274.2	3772339	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.60E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
2048	ALL	463290.9	3772346	NonCancer	0.00E+00	2.73E-08	1.64E-06	0.00E+00	0.00E+00	1.66E-06	8.51E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.66E-06
2049	ALL	463299.2	3772349	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.75E-06	8.98E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.75E-06
2050	ALL	463307.6	3772352	NonCancer	0.00E+00	3.04E-08	1.83E-06	0.00E+00	0.00E+00	1.84E-06	9.47E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.84E-06

2051	ALL	463324.3	3772359	NonCancer	0.00E+00	3.37E-08	2.03E-06	0.00E+00	0.00E+00	2.05E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.05E-06
2052	ALL	463332.6	3772363	NonCancer	0.00E+00	3.56E-08	2.15E-06	0.00E+00	0.00E+00	2.16E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.16E-06
2053	ALL	463341	3772366	NonCancer	0.00E+00	3.77E-08	2.27E-06	0.00E+00	0.00E+00	2.29E-06	1.18E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.29E-06
2054	ALL	463357.7	3772373	NonCancer	0.00E+00	4.31E-08	2.59E-06	0.00E+00	0.00E+00	2.61E-06	1.34E-06	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.61E-06
2055	ALL	463366	3772376	NonCancer	0.00E+00	4.68E-08	2.82E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	2.84E-06
2056	ALL	463374.4	3772380	NonCancer	0.00E+00	5.19E-08	3.13E-06	0.00E+00	0.00E+00	3.15E-06	1.62E-06	0.00E+00	2.47E-06	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.15E-06
2057	ALL	463391.1	3772387	NonCancer	0.00E+00	7.20E-08	4.34E-06	0.00E+00	0.00E+00	4.38E-06	2.25E-06	0.00E+00	3.44E-06	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	4.38E-06
2058	ALL	463399.4	3772390	NonCancer	0.00E+00	9.74E-08	5.87E-06	0.00E+00	0.00E+00	5.91E-06	3.04E-06	0.00E+00	4.64E-06	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	5.91E-06
2059	ALL	463407.8	3772394	NonCancer	0.00E+00	1.38E-07	8.35E-06	0.00E+00	0.00E+00	8.41E-06	4.32E-06	0.00E+00	6.60E-06	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	8.41E-06
2060	ALL	463591.4	3772469	NonCancer	0.00E+00	2.12E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.62E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
2061	ALL	463599.8	3772473	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.38E-07	0.00E+00	9.75E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
2062	ALL	463608.1	3772476	NonCancer	0.00E+00	1.97E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.14E-07	0.00E+00	9.39E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
2063	ALL	463624.8	3772483	NonCancer	0.00E+00	1.85E-08	1.12E-06	0.00E+00	0.00E+00	1.12E-06	5.78E-07	0.00E+00	8.83E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.12E-06
2064	ALL	463633.2	3772486	NonCancer	0.00E+00	1.80E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.60E-07	0.00E+00	8.56E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
2065	ALL	463641.5	3772490	NonCancer	0.00E+00	1.74E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.42E-07	0.00E+00	8.29E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
2066	ALL	463661.7	3772505	NonCancer	0.00E+00	1.60E-08	9.64E-07	0.00E+00	0.00E+00	9.71E-07	4.99E-07	0.00E+00	7.63E-07	0.00E+00	0.00E+00	9.64E-07	0.00E+00	0.00E+00	9.71E-07
2067	ALL	463665.1	3772513	NonCancer	0.00E+00	1.59E-08	9.55E-07	0.00E+00	0.00E+00	9.63E-07	4.95E-07	0.00E+00	7.56E-07	0.00E+00	0.00E+00	9.55E-07	0.00E+00	0.00E+00	9.63E-07
2068	ALL	463672.1	3772530	NonCancer	0.00E+00	1.63E-08	9.81E-07	0.00E+00	0.00E+00	9.89E-07	5.08E-07	0.00E+00	7.77E-07	0.00E+00	0.00E+00	9.81E-07	0.00E+00	0.00E+00	9.89E-07
2069	ALL	463675.6	3772538	NonCancer	0.00E+00	1.66E-08	9.97E-07	0.00E+00	0.00E+00	1.01E-06	5.16E-07	0.00E+00	7.89E-07	0.00E+00	0.00E+00	9.97E-07	0.00E+00	0.00E+00	1.01E-06
2070	ALL	463682.5	3772555	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.34E-07	0.00E+00	8.16E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
2071	ALL	463686	3772563	NonCancer	0.00E+00	1.74E-08	1.05E-06	0.00E+00	0.00E+00	1.05E-06	5.42E-07	0.00E+00	8.28E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.05E-06
2072	ALL	463692.9	3772580	NonCancer	0.00E+00	1.80E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.61E-07	0.00E+00	8.58E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
2073	ALL	463696.4	3772588	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.70E-07	0.00E+00	8.71E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
2074	ALL	463703.3	3772605	NonCancer	0.00E+00	1.86E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.81E-07	0.00E+00	8.89E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
2075	ALL	463706.8	3772613	NonCancer	0.00E+00	1.89E-08	1.14E-06	0.00E+00	0.00E+00	1.14E-06	5.88E-07	0.00E+00	8.99E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.14E-06
2076	ALL	463713.7	3772630	NonCancer	0.00E+00	1.92E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	5.99E-07	0.00E+00	9.16E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
2077	ALL	463717.2	3772638	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.01E-07	0.00E+00	9.19E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
2078	ALL	463724.2	3772655	NonCancer	0.00E+00	1.92E-08	1.16E-06	0.00E+00	0.00E+00	1.16E-06	5.99E-07	0.00E+00	9.15E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.16E-06
2079	ALL	463727.6	3772663	NonCancer	0.00E+00	1.90E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.94E-07	0.00E+00	9.07E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
2080	ALL	463734.6	3772680	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.87E-07	0.00E+00	8.98E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
2081	ALL	463738	3772688	NonCancer	0.00E+00	1.86E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.81E-07	0.00E+00	8.89E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
2082	ALL	463745	3772705	NonCancer	0.00E+00	1.83E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.70E-07	0.00E+00	8.71E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
2083	ALL	463748.5	3772713	NonCancer	0.00E+00	1.82E-08	1.10E-06	0.00E+00	0.00E+00	1.10E-06	5.67E-07	0.00E+00	8.67E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.10E-06
2084	ALL	463755.4	3772730	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.73E-07	0.00E+00	8.76E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
2085	ALL	463758.9	3772738	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.75E-07	0.00E+00	8.79E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
2086	ALL	463765.8	3772755	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.75E-07	0.00E+00	8.79E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
2087	ALL	463769.3	3772763	NonCancer	0.00E+00	1.84E-08	1.11E-06	0.00E+00	0.00E+00	1.11E-06	5.73E-07	0.00E+00	8.76E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.11E-06
2088	ALL	463776.2	3772780	NonCancer	0.00E+00	1.82E-08	1.10E-06	0.00E+00	0.00E+00	1.11E-06	5.68E-07	0.00E+00	8.68E-07	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.11E-06
2089	ALL	463779.7	3772788	NonCancer	0.00E+00	1.81E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.63E-07	0.00E+00	8.61E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
2090	ALL	463786.7	3772805	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.49E-07	0.00E+00	8.40E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
2091	ALL	463790.1	3772813	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.48E-07	0.00E+00	8.38E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
2092	ALL	463797.1	3772830	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.46E-07	0.00E+00	8.35E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
2093	ALL	463800.5	3772838	NonCancer	0.00E+00	1.74E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.43E-07	0.00E+00	8.31E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
2094	ALL	463807.5	3772855	NonCancer	0.00E+00	1.72E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.38E-07	0.00E+00	8.22E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
2095	ALL	463811	3772863	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.41E-07	0.00E+00	8.26E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
2096	ALL	463838.7	3772930	NonCancer	0.00E+00	1.80E-08	1.09E-06	0.00E+00	0.00E+00	1.09E-06	5.62E-07	0.00E+00	8.60E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.09E-06
2097	ALL	463842.2	3772938	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.57E-07	0.00E+00	8.51E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
2098	ALL	463849.1	3772955	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.48E-07	0.00E+00	8.37E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
2099	ALL	463852.6	3772963	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.39E-07	0.00E+00	8.24E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
2100	ALL	463859.6	3772980	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.33E-07	0.00E+00	8.15E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
2101	ALL	463863	3772988	NonCancer	0.00E+00	1.75E-08	1.06E-06	0.00E+00	0.00E+00	1.06E-06	5.47E-07	0.00E+00	8.37E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.06E-06
2102	ALL	463870	3773005	NonCancer	0.00E+00	1.90E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.91E-07	0.00E+00	9.04E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
2103	ALL	463873.4	3773013	NonCancer	0.00E+00	1.95E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.09E-07	0.00E+00	9.31E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
2104	ALL	463880.4	3773030	NonCancer	0.00E+00	2.02E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.31E-07	0.00E+00	9.65E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06

2105	ALL	463887.3	3773047	NonCancer	0.00E+00	2.09E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.52E-07	0.00E+00	9.97E-07	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
2106	ALL	463890.8	3773055	NonCancer	0.00E+00	2.10E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.55E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
2107	ALL	463897.7	3773072	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.46E-07	0.00E+00	9.87E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
2108	ALL	463901.2	3773080	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.33E-07	0.00E+00	9.68E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
2109	ALL	463908.2	3773097	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.24E-07	0.00E+00	9.54E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
2110	ALL	463911.6	3773105	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.32E-07	0.00E+00	9.67E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
2111	ALL	463918.6	3773122	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.47E-07	0.00E+00	9.90E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
2112	ALL	463922	3773130	NonCancer	0.00E+00	2.13E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.64E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
2113	ALL	463208.3	3772272	NonCancer	0.00E+00	1.51E-08	9.07E-07	0.00E+00	0.00E+00	9.14E-07	4.70E-07	0.00E+00	7.18E-07	0.00E+00	0.00E+00	9.07E-07	0.00E+00	0.00E+00	9.14E-07
2114	ALL	463216.7	3772275	NonCancer	0.00E+00	1.57E-08	9.45E-07	0.00E+00	0.00E+00	9.53E-07	4.90E-07	0.00E+00	7.49E-07	0.00E+00	0.00E+00	9.45E-07	0.00E+00	0.00E+00	9.53E-07
2115	ALL	463225.1	3772278	NonCancer	0.00E+00	1.64E-08	9.85E-07	0.00E+00	0.00E+00	9.93E-07	5.10E-07	0.00E+00	7.80E-07	0.00E+00	0.00E+00	9.85E-07	0.00E+00	0.00E+00	9.93E-07
2116	ALL	463233.5	3772282	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.32E-07	0.00E+00	8.13E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
2117	ALL	463250.2	3772289	NonCancer	0.00E+00	1.92E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.98E-07	0.00E+00	9.14E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
2118	ALL	463258.6	3772292	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.37E-07	0.00E+00	9.74E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
2119	ALL	463267	3772296	NonCancer	0.00E+00	2.18E-08	1.31E-06	0.00E+00	0.00E+00	1.32E-06	6.79E-07	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.32E-06
2120	ALL	463275.4	3772299	NonCancer	0.00E+00	2.32E-08	1.40E-06	0.00E+00	0.00E+00	1.41E-06	7.24E-07	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.41E-06
2121	ALL	463283.8	3772303	NonCancer	0.00E+00	2.47E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.71E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
2122	ALL	463292.2	3772306	NonCancer	0.00E+00	2.63E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.19E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
2123	ALL	463300.6	3772310	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.70E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
2124	ALL	463309	3772313	NonCancer	0.00E+00	2.96E-08	1.78E-06	0.00E+00	0.00E+00	1.79E-06	9.22E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	1.79E-06
2125	ALL	463317.3	3772316	NonCancer	0.00E+00	3.13E-08	1.89E-06	0.00E+00	0.00E+00	1.90E-06	9.78E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.90E-06
2126	ALL	463325.7	3772320	NonCancer	0.00E+00	3.33E-08	2.00E-06	0.00E+00	0.00E+00	2.02E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.02E-06
2127	ALL	463334.1	3772323	NonCancer	0.00E+00	3.54E-08	2.13E-06	0.00E+00	0.00E+00	2.15E-06	1.10E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.15E-06
2128	ALL	463342.5	3772327	NonCancer	0.00E+00	3.77E-08	2.27E-06	0.00E+00	0.00E+00	2.29E-06	1.18E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.29E-06
2129	ALL	463350.9	3772330	NonCancer	0.00E+00	4.04E-08	2.43E-06	0.00E+00	0.00E+00	2.45E-06	1.26E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	2.45E-06
2130	ALL	463359.3	3772334	NonCancer	0.00E+00	4.35E-08	2.62E-06	0.00E+00	0.00E+00	2.64E-06	1.36E-06	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	2.64E-06
2131	ALL	463367.7	3772337	NonCancer	0.00E+00	4.75E-08	2.86E-06	0.00E+00	0.00E+00	2.88E-06	1.48E-06	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	2.88E-06
2132	ALL	463376.1	3772341	NonCancer	0.00E+00	5.30E-08	3.19E-06	0.00E+00	0.00E+00	3.22E-06	1.65E-06	0.00E+00	2.53E-06	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	3.22E-06
2133	ALL	463392.8	3772348	NonCancer	0.00E+00	7.61E-08	4.59E-06	0.00E+00	0.00E+00	4.62E-06	2.37E-06	0.00E+00	3.63E-06	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	4.62E-06
2134	ALL	463401.2	3772351	NonCancer	0.00E+00	1.07E-07	6.46E-06	0.00E+00	0.00E+00	6.51E-06	3.34E-06	0.00E+00	5.11E-06	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	6.51E-06
2135	ALL	463689.9	3772477	NonCancer	0.00E+00	1.49E-08	8.99E-07	0.00E+00	0.00E+00	9.06E-07	4.66E-07	0.00E+00	7.12E-07	0.00E+00	0.00E+00	8.99E-07	0.00E+00	0.00E+00	9.06E-07
2136	ALL	463693.4	3772485	NonCancer	0.00E+00	1.52E-08	9.15E-07	0.00E+00	0.00E+00	9.22E-07	4.74E-07	0.00E+00	7.24E-07	0.00E+00	0.00E+00	9.15E-07	0.00E+00	0.00E+00	9.22E-07
2137	ALL	463700.4	3772502	NonCancer	0.00E+00	1.57E-08	9.43E-07	0.00E+00	0.00E+00	9.51E-07	4.88E-07	0.00E+00	7.47E-07	0.00E+00	0.00E+00	9.43E-07	0.00E+00	0.00E+00	9.51E-07
2138	ALL	463707.4	3772519	NonCancer	0.00E+00	1.61E-08	9.72E-07	0.00E+00	0.00E+00	9.80E-07	5.04E-07	0.00E+00	7.70E-07	0.00E+00	0.00E+00	9.72E-07	0.00E+00	0.00E+00	9.80E-07
2139	ALL	463714.3	3772535	NonCancer	0.00E+00	1.66E-08	9.98E-07	0.00E+00	0.00E+00	1.01E-06	5.17E-07	0.00E+00	7.90E-07	0.00E+00	0.00E+00	9.98E-07	0.00E+00	0.00E+00	1.01E-06
2140	ALL	463721.3	3772552	NonCancer	0.00E+00	1.71E-08	1.03E-06	0.00E+00	0.00E+00	1.04E-06	5.33E-07	0.00E+00	8.14E-07	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.04E-06
2141	ALL	463728.3	3772569	NonCancer	0.00E+00	1.74E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.44E-07	0.00E+00	8.31E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
2142	ALL	463735.3	3772586	NonCancer	0.00E+00	1.77E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.51E-07	0.00E+00	8.42E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
2143	ALL	463742.2	3772602	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.60E-07	0.00E+00	8.55E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
2144	ALL	463749.2	3772619	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.09E-06	5.59E-07	0.00E+00	8.55E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.09E-06
2145	ALL	463756.2	3772636	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.50E-07	0.00E+00	8.41E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
2146	ALL	463763.2	3772653	NonCancer	0.00E+00	1.73E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.39E-07	0.00E+00	8.23E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
2147	ALL	463770.1	3772669	NonCancer	0.00E+00	1.70E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.31E-07	0.00E+00	8.11E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
2148	ALL	463777.1	3772686	NonCancer	0.00E+00	1.67E-08	1.01E-06	0.00E+00	0.00E+00	1.01E-06	5.22E-07	0.00E+00	7.97E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.01E-06
2149	ALL	463784.1	3772703	NonCancer	0.00E+00	1.68E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.23E-07	0.00E+00	7.99E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
2150	ALL	463791.1	3772720	NonCancer	0.00E+00	1.69E-08	1.02E-06	0.00E+00	0.00E+00	1.02E-06	5.26E-07	0.00E+00	8.04E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.02E-06
2151	ALL	463798.1	3772736	NonCancer	0.00E+00	1.68E-08	1.01E-06	0.00E+00	0.00E+00	1.02E-06	5.25E-07	0.00E+00	8.03E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.02E-06
2152	ALL	463805	3772753	NonCancer	0.00E+00	1.67E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.20E-07	0.00E+00	7.95E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
2153	ALL	463812	3772770	NonCancer	0.00E+00	1.64E-08	9.87E-07	0.00E+00	0.00E+00	9.95E-07	5.12E-07	0.00E+00	7.82E-07	0.00E+00	0.00E+00	9.87E-07	0.00E+00	0.00E+00	9.95E-07
2154	ALL	463819	3772787	NonCancer	0.00E+00	1.61E-08	9.68E-07	0.00E+00	0.00E+00	9.75E-07	5.01E-07	0.00E+00	7.66E-07	0.00E+00	0.00E+00	9.68E-07	0.00E+00	0.00E+00	9.75E-07
2155	ALL	463826	3772803	NonCancer	0.00E+00	1.59E-08	9.56E-07	0.00E+00	0.00E+00	9.63E-07	4.95E-07	0.00E+00	7.57E-07	0.00E+00	0.00E+00	9.56E-07	0.00E+00	0.00E+00	9.63E-07
2156	ALL	463832.9	3772820	NonCancer	0.00E+00	1.57E-08	9.47E-07	0.00E+00	0.00E+00	9.54E-07	4.90E-07	0.00E+00	7.50E-07	0.00E+00	0.00E+00	9.47E-07	0.00E+00	0.00E+00	9.54E-07
2157	ALL	463839.9	3772837	NonCancer	0.00E+00	1.54E-08	9.27E-07	0.00E+00	0.00E+00	9.35E-07	4.80E-07	0.00E+00	7.34E-07	0.00E+00	0.00E+00	9.27E-07	0.00E+00	0.00E+00	9.35E-07
2158	ALL	463846.9	3772854	NonCancer	0.00E+00	1.57E-08	9.46E-07	0.00E+00	0.00E+00	9.53E-07	4.90E-07	0.00E+00	7.49E-07	0.00E+00	0.00E+00	9.46E-07	0.00E+00	0.00E+00	9.53E-07

2159	ALL	463853.9	3772870	NonCancer	0.00E+00	1.62E-08	9.73E-07	0.00E+00	0.00E+00	9.81E-07	5.04E-07	0.00E+00	7.71E-07	0.00E+00	0.00E+00	9.73E-07	0.00E+00	0.00E+00	9.81E-07
2160	ALL	463885.3	3772946	NonCancer	0.00E+00	1.57E-08	9.44E-07	0.00E+00	0.00E+00	9.52E-07	4.89E-07	0.00E+00	7.48E-07	0.00E+00	0.00E+00	9.44E-07	0.00E+00	0.00E+00	9.52E-07
2161	ALL	463892.2	3772962	NonCancer	0.00E+00	1.56E-08	9.41E-07	0.00E+00	0.00E+00	9.48E-07	4.88E-07	0.00E+00	7.45E-07	0.00E+00	0.00E+00	9.41E-07	0.00E+00	0.00E+00	9.48E-07
2162	ALL	463899.2	3772979	NonCancer	0.00E+00	1.63E-08	9.83E-07	0.00E+00	0.00E+00	9.90E-07	5.09E-07	0.00E+00	7.78E-07	0.00E+00	0.00E+00	9.83E-07	0.00E+00	0.00E+00	9.90E-07
2163	ALL	463906.2	3772996	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.48E-07	0.00E+00	8.38E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
2164	ALL	463913.2	3773013	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.77E-07	0.00E+00	8.81E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
2165	ALL	463920.2	3773029	NonCancer	0.00E+00	1.90E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.92E-07	0.00E+00	9.06E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
2166	ALL	463927.1	3773046	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.04E-07	0.00E+00	9.24E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
2167	ALL	463934.1	3773063	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.96E-07	0.00E+00	9.11E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
2168	ALL	463941.1	3773080	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.77E-07	0.00E+00	8.82E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
2169	ALL	463948.1	3773096	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.86E-07	0.00E+00	8.95E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
2170	ALL	463955	3773113	NonCancer	0.00E+00	1.91E-08	1.15E-06	0.00E+00	0.00E+00	1.16E-06	5.96E-07	0.00E+00	9.11E-07	0.00E+00	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.16E-06
2171	ALL	463962	3773130	NonCancer	0.00E+00	2.00E-08	1.20E-06	0.00E+00	0.00E+00	1.21E-06	6.23E-07	0.00E+00	9.52E-07	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.21E-06
2172	ALL	463290	3772265	NonCancer	0.00E+00	2.45E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.65E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
2173	ALL	463298.3	3772269	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.59E-06	8.15E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.59E-06
2174	ALL	463315	3772276	NonCancer	0.00E+00	2.97E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.25E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06
2175	ALL	463323.3	3772279	NonCancer	0.00E+00	3.16E-08	1.91E-06	0.00E+00	0.00E+00	1.92E-06	9.87E-07	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.92E-06
2176	ALL	463340	3772286	NonCancer	0.00E+00	3.62E-08	2.18E-06	0.00E+00	0.00E+00	2.20E-06	1.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.20E-06
2177	ALL	463348.3	3772289	NonCancer	0.00E+00	3.89E-08	2.34E-06	0.00E+00	0.00E+00	2.36E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.36E-06
2178	ALL	463356.6	3772293	NonCancer	0.00E+00	4.19E-08	2.53E-06	0.00E+00	0.00E+00	2.55E-06	1.31E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	2.55E-06
2179	ALL	463373.3	3772300	NonCancer	0.00E+00	5.06E-08	3.05E-06	0.00E+00	0.00E+00	3.07E-06	1.58E-06	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.07E-06
2180	ALL	463381.6	3772303	NonCancer	0.00E+00	5.79E-08	3.49E-06	0.00E+00	0.00E+00	3.51E-06	1.81E-06	0.00E+00	2.76E-06	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	3.51E-06
2181	ALL	463398.2	3772310	NonCancer	0.00E+00	9.30E-08	5.60E-06	0.00E+00	0.00E+00	5.65E-06	2.90E-06	0.00E+00	4.44E-06	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	5.65E-06
2182	ALL	463406.6	3772313	NonCancer	0.00E+00	1.49E-07	9.00E-06	0.00E+00	0.00E+00	9.07E-06	4.66E-06	0.00E+00	7.12E-06	0.00E+00	0.00E+00	9.00E-06	0.00E+00	0.00E+00	9.07E-06
2183	ALL	463732	3772482	NonCancer	0.00E+00	1.52E-08	9.17E-07	0.00E+00	0.00E+00	9.25E-07	4.75E-07	0.00E+00	7.26E-07	0.00E+00	0.00E+00	9.17E-07	0.00E+00	0.00E+00	9.25E-07
2184	ALL	463738.9	3772498	NonCancer	0.00E+00	1.56E-08	9.41E-07	0.00E+00	0.00E+00	9.48E-07	4.87E-07	0.00E+00	7.45E-07	0.00E+00	0.00E+00	9.41E-07	0.00E+00	0.00E+00	9.48E-07
2185	ALL	463745.8	3772515	NonCancer	0.00E+00	1.60E-08	9.61E-07	0.00E+00	0.00E+00	9.69E-07	4.98E-07	0.00E+00	7.61E-07	0.00E+00	0.00E+00	9.61E-07	0.00E+00	0.00E+00	9.69E-07
2186	ALL	463752.7	3772532	NonCancer	0.00E+00	1.63E-08	9.81E-07	0.00E+00	0.00E+00	9.89E-07	5.08E-07	0.00E+00	7.77E-07	0.00E+00	0.00E+00	9.81E-07	0.00E+00	0.00E+00	9.89E-07
2187	ALL	463759.7	3772548	NonCancer	0.00E+00	1.65E-08	9.92E-07	0.00E+00	0.00E+00	1.00E-06	5.14E-07	0.00E+00	7.86E-07	0.00E+00	0.00E+00	9.92E-07	0.00E+00	0.00E+00	1.00E-06
2188	ALL	463766.6	3772565	NonCancer	0.00E+00	1.66E-08	1.00E-06	0.00E+00	0.00E+00	1.01E-06	5.18E-07	0.00E+00	7.93E-07	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.01E-06
2189	ALL	463773.5	3772581	NonCancer	0.00E+00	1.67E-08	1.01E-06	0.00E+00	0.00E+00	1.01E-06	5.21E-07	0.00E+00	7.97E-07	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.01E-06
2190	ALL	463780.4	3772598	NonCancer	0.00E+00	1.66E-08	9.97E-07	0.00E+00	0.00E+00	1.00E-06	5.16E-07	0.00E+00	7.89E-07	0.00E+00	0.00E+00	9.97E-07	0.00E+00	0.00E+00	1.00E-06
2191	ALL	463787.4	3772615	NonCancer	0.00E+00	1.62E-08	9.73E-07	0.00E+00	0.00E+00	9.80E-07	5.04E-07	0.00E+00	7.70E-07	0.00E+00	0.00E+00	9.73E-07	0.00E+00	0.00E+00	9.80E-07
2192	ALL	463794.3	3772631	NonCancer	0.00E+00	1.59E-08	9.57E-07	0.00E+00	0.00E+00	9.65E-07	4.96E-07	0.00E+00	7.58E-07	0.00E+00	0.00E+00	9.57E-07	0.00E+00	0.00E+00	9.65E-07
2193	ALL	463801.2	3772648	NonCancer	0.00E+00	1.57E-08	9.43E-07	0.00E+00	0.00E+00	9.51E-07	4.89E-07	0.00E+00	7.47E-07	0.00E+00	0.00E+00	9.43E-07	0.00E+00	0.00E+00	9.51E-07
2194	ALL	463808.1	3772665	NonCancer	0.00E+00	1.54E-08	9.26E-07	0.00E+00	0.00E+00	9.33E-07	4.80E-07	0.00E+00	7.33E-07	0.00E+00	0.00E+00	9.26E-07	0.00E+00	0.00E+00	9.33E-07
2195	ALL	463815.1	3772681	NonCancer	0.00E+00	1.54E-08	9.25E-07	0.00E+00	0.00E+00	9.32E-07	4.79E-07	0.00E+00	7.33E-07	0.00E+00	0.00E+00	9.25E-07	0.00E+00	0.00E+00	9.32E-07
2196	ALL	463822	3772698	NonCancer	0.00E+00	1.55E-08	9.31E-07	0.00E+00	0.00E+00	9.39E-07	4.83E-07	0.00E+00	7.38E-07	0.00E+00	0.00E+00	9.31E-07	0.00E+00	0.00E+00	9.39E-07
2197	ALL	463828.9	3772714	NonCancer	0.00E+00	1.54E-08	9.29E-07	0.00E+00	0.00E+00	9.37E-07	4.82E-07	0.00E+00	7.36E-07	0.00E+00	0.00E+00	9.29E-07	0.00E+00	0.00E+00	9.37E-07
2198	ALL	463835.8	3772731	NonCancer	0.00E+00	1.53E-08	9.19E-07	0.00E+00	0.00E+00	9.26E-07	4.76E-07	0.00E+00	7.28E-07	0.00E+00	0.00E+00	9.19E-07	0.00E+00	0.00E+00	9.26E-07
2199	ALL	463842.8	3772748	NonCancer	0.00E+00	1.50E-08	9.05E-07	0.00E+00	0.00E+00	9.12E-07	4.69E-07	0.00E+00	7.17E-07	0.00E+00	0.00E+00	9.05E-07	0.00E+00	0.00E+00	9.12E-07
2200	ALL	463849.7	3772764	NonCancer	0.00E+00	1.48E-08	8.90E-07	0.00E+00	0.00E+00	8.97E-07	4.61E-07	0.00E+00	7.05E-07	0.00E+00	0.00E+00	8.90E-07	0.00E+00	0.00E+00	8.97E-07
2201	ALL	463856.6	3772781	NonCancer	0.00E+00	1.44E-08	8.69E-07	0.00E+00	0.00E+00	8.76E-07	4.50E-07	0.00E+00	6.88E-07	0.00E+00	0.00E+00	8.69E-07	0.00E+00	0.00E+00	8.76E-07
2202	ALL	463863.6	3772798	NonCancer	0.00E+00	1.42E-08	8.58E-07	0.00E+00	0.00E+00	8.65E-07	4.44E-07	0.00E+00	6.79E-07	0.00E+00	0.00E+00	8.58E-07	0.00E+00	0.00E+00	8.65E-07
2203	ALL	463870.5	3772814	NonCancer	0.00E+00	1.39E-08	8.39E-07	0.00E+00	0.00E+00	8.46E-07	4.35E-07	0.00E+00	6.64E-07	0.00E+00	0.00E+00	8.39E-07	0.00E+00	0.00E+00	8.46E-07
2204	ALL	463877.4	3772831	NonCancer	0.00E+00	1.39E-08	8.40E-07	0.00E+00	0.00E+00	8.46E-07	4.35E-07	0.00E+00	6.65E-07	0.00E+00	0.00E+00	8.40E-07	0.00E+00	0.00E+00	8.46E-07
2205	ALL	463884.3	3772847	NonCancer	0.00E+00	1.44E-08	8.67E-07	0.00E+00	0.00E+00	8.74E-07	4.49E-07	0.00E+00	6.87E-07	0.00E+00	0.00E+00	8.67E-07	0.00E+00	0.00E+00	8.74E-07
2206	ALL	463891.3	3772864	NonCancer	0.00E+00	1.47E-08	8.85E-07	0.00E+00	0.00E+00	8.92E-07	4.59E-07	0.00E+00	7.01E-07	0.00E+00	0.00E+00	8.85E-07	0.00E+00	0.00E+00	8.92E-07
2207	ALL	463925.9	3772947	NonCancer	0.00E+00	1.44E-08	8.69E-07	0.00E+00	0.00E+00	8.76E-07	4.50E-07	0.00E+00	6.88E-07	0.00E+00	0.00E+00	8.69E-07	0.00E+00	0.00E+00	8.76E-07
2208	ALL	463932.8	3772964	NonCancer	0.00E+00	1.49E-08	8.98E-07	0.00E+00	0.00E+00	9.05E-07	4.65E-07	0.00E+00	7.11E-07	0.00E+00	0.00E+00	8.98E-07	0.00E+00	0.00E+00	9.05E-07
2209	ALL	463939.7	3772980	NonCancer	0.00E+00	1.59E-08	9.59E-07	0.00E+00	0.00E+00	9.67E-07	4.97E-07	0.00E+00	7.60E-07	0.00E+00	0.00E+00	9.59E-07	0.00E+00	0.00E+00	9.67E-07
2210	ALL	463946.7	3772997	NonCancer	0.00E+00	1.69E-08	1.02E-06	0.00E+00	0.00E+00	1.03E-06	5.28E-07	0.00E+00	8.07E-07	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.03E-06
2211	ALL	463953.6	3773014	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.45E-07	0.00E+00	8.33E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
2212	ALL	463960.5	3773030	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.57E-07	0.00E+00	8.51E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06

2213	ALL	463967.4	3773047	NonCancer	0.00E+00	1.79E-08	1.08E-06	0.00E+00	0.00E+00	1.08E-06	5.57E-07	0.00E+00	8.52E-07	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.08E-06
2214	ALL	463974.4	3773064	NonCancer	0.00E+00	1.74E-08	1.05E-06	0.00E+00	0.00E+00	1.05E-06	5.42E-07	0.00E+00	8.28E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.05E-06
2215	ALL	463981.3	3773080	NonCancer	0.00E+00	1.75E-08	1.05E-06	0.00E+00	0.00E+00	1.06E-06	5.45E-07	0.00E+00	8.32E-07	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.06E-06
2216	ALL	463988.2	3773097	NonCancer	0.00E+00	1.76E-08	1.06E-06	0.00E+00	0.00E+00	1.07E-06	5.49E-07	0.00E+00	8.39E-07	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.07E-06
2217	ALL	463995.1	3773113	NonCancer	0.00E+00	1.81E-08	1.09E-06	0.00E+00	0.00E+00	1.10E-06	5.64E-07	0.00E+00	8.62E-07	0.00E+00	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.10E-06
2218	ALL	464002.1	3773130	NonCancer	0.00E+00	1.87E-08	1.12E-06	0.00E+00	0.00E+00	1.13E-06	5.83E-07	0.00E+00	8.90E-07	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.13E-06
2219	ALL	462198.7	3773225	NonCancer	0.00E+00	9.18E-09	5.52E-07	0.00E+00	0.00E+00	5.57E-07	2.86E-07	0.00E+00	4.38E-07	0.00E+00	0.00E+00	5.52E-07	0.00E+00	0.00E+00	5.57E-07
2220	ALL	462198.8	3773235	NonCancer	0.00E+00	9.10E-09	5.48E-07	0.00E+00	0.00E+00	5.52E-07	2.84E-07	0.00E+00	4.34E-07	0.00E+00	0.00E+00	5.48E-07	0.00E+00	0.00E+00	5.52E-07
2221	ALL	462198.9	3773245	NonCancer	0.00E+00	9.06E-09	5.46E-07	0.00E+00	0.00E+00	5.50E-07	2.83E-07	0.00E+00	4.32E-07	0.00E+00	0.00E+00	5.46E-07	0.00E+00	0.00E+00	5.50E-07
2222	ALL	462158.7	3773225	NonCancer	0.00E+00	8.67E-09	5.22E-07	0.00E+00	0.00E+00	5.26E-07	2.71E-07	0.00E+00	4.14E-07	0.00E+00	0.00E+00	5.22E-07	0.00E+00	0.00E+00	5.26E-07
2223	ALL	462158.8	3773235	NonCancer	0.00E+00	8.64E-09	5.20E-07	0.00E+00	0.00E+00	5.25E-07	2.70E-07	0.00E+00	4.12E-07	0.00E+00	0.00E+00	5.20E-07	0.00E+00	0.00E+00	5.25E-07
2224	ALL	462158.9	3773245	NonCancer	0.00E+00	8.62E-09	5.19E-07	0.00E+00	0.00E+00	5.23E-07	2.69E-07	0.00E+00	4.11E-07	0.00E+00	0.00E+00	5.19E-07	0.00E+00	0.00E+00	5.23E-07
2225	ALL	462900.6	3773281	NonCancer	0.00E+00	1.04E-07	6.27E-06	0.00E+00	0.00E+00	6.32E-06	3.25E-06	0.00E+00	4.97E-06	0.00E+00	0.00E+00	6.27E-06	0.00E+00	0.00E+00	6.32E-06
2226	ALL	462900.6	3773291	NonCancer	0.00E+00	1.07E-07	6.42E-06	0.00E+00	0.00E+00	6.47E-06	3.33E-06	0.00E+00	5.09E-06	0.00E+00	0.00E+00	6.42E-06	0.00E+00	0.00E+00	6.47E-06
2227	ALL	462892.2	3773287	NonCancer	0.00E+00	9.72E-08	5.85E-06	0.00E+00	0.00E+00	5.89E-06	3.03E-06	0.00E+00	4.64E-06	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	5.89E-06
2228	ALL	462883.1	3773283	NonCancer	0.00E+00	9.85E-08	5.92E-06	0.00E+00	0.00E+00	5.97E-06	3.07E-06	0.00E+00	4.70E-06	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	5.97E-06
2229	ALL	462900.6	3773301	NonCancer	0.00E+00	1.10E-07	6.61E-06	0.00E+00	0.00E+00	6.67E-06	3.43E-06	0.00E+00	5.24E-06	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	6.67E-06
2230	ALL	462892.2	3773297	NonCancer	0.00E+00	9.75E-08	5.87E-06	0.00E+00	0.00E+00	5.91E-06	3.04E-06	0.00E+00	4.65E-06	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	5.91E-06
2231	ALL	462883.7	3773294	NonCancer	0.00E+00	9.15E-08	5.50E-06	0.00E+00	0.00E+00	5.55E-06	2.85E-06	0.00E+00	4.36E-06	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	5.55E-06
2232	ALL	462875.5	3773288	NonCancer	0.00E+00	9.33E-08	5.61E-06	0.00E+00	0.00E+00	5.66E-06	2.91E-06	0.00E+00	4.45E-06	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	5.66E-06
2233	ALL	462871.9	3773280	NonCancer	0.00E+00	9.56E-08	5.75E-06	0.00E+00	0.00E+00	5.80E-06	2.98E-06	0.00E+00	4.56E-06	0.00E+00	0.00E+00	5.75E-06	0.00E+00	0.00E+00	5.80E-06
2234	ALL	462909.1	3773314	NonCancer	0.00E+00	1.16E-07	7.00E-06	0.00E+00	0.00E+00	7.06E-06	3.63E-06	0.00E+00	5.55E-06	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	7.06E-06
2235	ALL	462900.6	3773311	NonCancer	0.00E+00	1.10E-07	6.62E-06	0.00E+00	0.00E+00	6.67E-06	3.43E-06	0.00E+00	5.25E-06	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	6.67E-06
2236	ALL	462892.2	3773307	NonCancer	0.00E+00	1.00E-07	6.04E-06	0.00E+00	0.00E+00	6.08E-06	3.13E-06	0.00E+00	4.79E-06	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	6.08E-06
2237	ALL	462883.7	3773304	NonCancer	0.00E+00	8.91E-08	5.36E-06	0.00E+00	0.00E+00	5.40E-06	2.78E-06	0.00E+00	4.25E-06	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	5.40E-06
2238	ALL	462875.3	3773300	NonCancer	0.00E+00	8.60E-08	5.17E-06	0.00E+00	0.00E+00	5.21E-06	2.68E-06	0.00E+00	4.10E-06	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	5.21E-06
2239	ALL	462867.9	3773294	NonCancer	0.00E+00	8.82E-08	5.30E-06	0.00E+00	0.00E+00	5.35E-06	2.75E-06	0.00E+00	4.20E-06	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	5.35E-06
2240	ALL	462864.3	3773285	NonCancer	0.00E+00	9.05E-08	5.45E-06	0.00E+00	0.00E+00	5.49E-06	2.83E-06	0.00E+00	4.32E-06	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	5.49E-06
2241	ALL	462909.1	3773324	NonCancer	0.00E+00	1.11E-07	6.68E-06	0.00E+00	0.00E+00	6.74E-06	3.47E-06	0.00E+00	5.30E-06	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	6.74E-06
2242	ALL	462900.6	3773321	NonCancer	0.00E+00	1.07E-07	6.43E-06	0.00E+00	0.00E+00	6.48E-06	3.34E-06	0.00E+00	5.10E-06	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	6.48E-06
2243	ALL	462892.2	3773317	NonCancer	0.00E+00	1.01E-07	6.07E-06	0.00E+00	0.00E+00	6.12E-06	3.15E-06	0.00E+00	4.81E-06	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	6.12E-06
2244	ALL	462883.7	3773314	NonCancer	0.00E+00	9.23E-08	5.55E-06	0.00E+00	0.00E+00	5.59E-06	2.88E-06	0.00E+00	4.40E-06	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	5.59E-06
2245	ALL	462875.3	3773310	NonCancer	0.00E+00	8.20E-08	4.94E-06	0.00E+00	0.00E+00	4.98E-06	2.56E-06	0.00E+00	3.91E-06	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	4.98E-06
2246	ALL	462866.8	3773307	NonCancer	0.00E+00	8.12E-08	4.88E-06	0.00E+00	0.00E+00	4.92E-06	2.53E-06	0.00E+00	3.87E-06	0.00E+00	0.00E+00	4.88E-06	0.00E+00	0.00E+00	4.92E-06
2247	ALL	462860.2	3773300	NonCancer	0.00E+00	8.31E-08	5.00E-06	0.00E+00	0.00E+00	5.04E-06	2.59E-06	0.00E+00	3.97E-06	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	5.04E-06
2248	ALL	462856.1	3773290	NonCancer	0.00E+00	8.58E-08	5.16E-06	0.00E+00	0.00E+00	5.20E-06	2.68E-06	0.00E+00	4.09E-06	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	5.20E-06
2249	ALL	462908.8	3773334	NonCancer	0.00E+00	1.05E-07	6.32E-06	0.00E+00	0.00E+00	6.37E-06	3.28E-06	0.00E+00	5.01E-06	0.00E+00	0.00E+00	6.32E-06	0.00E+00	0.00E+00	6.37E-06
2250	ALL	462900.2	3773331	NonCancer	0.00E+00	1.03E-07	6.22E-06	0.00E+00	0.00E+00	6.27E-06	3.22E-06	0.00E+00	4.93E-06	0.00E+00	0.00E+00	6.22E-06	0.00E+00	0.00E+00	6.27E-06
2251	ALL	462891.6	3773327	NonCancer	0.00E+00	9.83E-08	5.91E-06	0.00E+00	0.00E+00	5.96E-06	3.07E-06	0.00E+00	4.69E-06	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	5.96E-06
2252	ALL	462882.9	3773324	NonCancer	0.00E+00	9.22E-08	5.55E-06	0.00E+00	0.00E+00	5.59E-06	2.88E-06	0.00E+00	4.40E-06	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	5.59E-06
2253	ALL	462874.3	3773320	NonCancer	0.00E+00	8.43E-08	5.07E-06	0.00E+00	0.00E+00	5.12E-06	2.63E-06	0.00E+00	4.02E-06	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	5.12E-06
2254	ALL	462865.6	3773316	NonCancer	0.00E+00	7.77E-08	4.68E-06	0.00E+00	0.00E+00	4.71E-06	2.43E-06	0.00E+00	3.71E-06	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	4.71E-06
2255	ALL	462857	3773313	NonCancer	0.00E+00	7.74E-08	4.66E-06	0.00E+00	0.00E+00	4.69E-06	2.42E-06	0.00E+00	3.69E-06	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	4.69E-06
2256	ALL	462908.9	3773344	NonCancer	0.00E+00	9.69E-08	5.83E-06	0.00E+00	0.00E+00	5.88E-06	3.02E-06	0.00E+00	4.62E-06	0.00E+00	0.00E+00	5.83E-06	0.00E+00	0.00E+00	5.88E-06
2257	ALL	462900.2	3773341	NonCancer	0.00E+00	9.84E-08	5.92E-06	0.00E+00	0.00E+00	5.97E-06	3.07E-06	0.00E+00	4.69E-06	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	5.97E-06
2258	ALL	462891.6	3773337	NonCancer	0.00E+00	9.64E-08	5.80E-06	0.00E+00	0.00E+00	5.84E-06	3.01E-06	0.00E+00	4.60E-06	0.00E+00	0.00E+00	5.80E-06	0.00E+00	0.00E+00	5.84E-06
2259	ALL	462883	3773334	NonCancer	0.00E+00	9.13E-08	5.49E-06	0.00E+00	0.00E+00	5.54E-06	2.85E-06	0.00E+00	4.35E-06	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	5.54E-06
2260	ALL	462874.4	3773330	NonCancer	0.00E+00	8.58E-08	5.16E-06	0.00E+00	0.00E+00	5.20E-06	2.68E-06	0.00E+00	4.09E-06	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	5.20E-06
2261	ALL	462865.8	3773327	NonCancer	0.00E+00	7.87E-08	4.73E-06	0.00E+00	0.00E+00	4.77E-06	2.46E-06	0.00E+00	3.75E-06	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	4.77E-06
2262	ALL	462857.1	3773323	NonCancer	0.00E+00	7.43E-08	4.47E-06	0.00E+00	0.00E+00	4.51E-06	2.32E-06	0.00E+00	3.54E-06	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	4.51E-06
2263	ALL	462908.9	3773364	NonCancer	0.00E+00	9.02E-08	5.43E-06	0.00E+00	0.00E+00	5.47E-06	2.81E-06	0.00E+00	4.30E-06	0.00E+00	0.00E+00	5.43E-06	0.00E+00	0.00E+00	5.47E-06
2264	ALL	462900.3	3773361	NonCancer	0.00E+00	8.53E-08	5.13E-06	0.00E+00	0.00E+00	5.17E-06	2.66E-06	0.00E+00	4.07E-06	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	5.17E-06
2265	ALL	462891.7	3773357	NonCancer	0.00E+00	8.59E-08	5.17E-06	0.00E+00	0.00E+00	5.21E-06	2.68E-06	0.00E+00	4.10E-06	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	5.21E-06
2266	ALL	462883.1	3773354	NonCancer	0.00E+00	8.64E-08	5.20E-06	0.00E+00	0.00E+00	5.24E-06	2.70E-06	0.00E+00	4.12E-06	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	5.24E-06

2267	ALL	462874.5	3773350	NonCancer	0.00E+00	8.40E-08	5.05E-06	0.00E+00	0.00E+00	5.09E-06	2.62E-06	0.00E+00	4.01E-06	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	5.09E-06
2268	ALL	462865.9	3773347	NonCancer	0.00E+00	7.93E-08	4.77E-06	0.00E+00	0.00E+00	4.81E-06	2.47E-06	0.00E+00	3.78E-06	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	4.81E-06
2269	ALL	462857.4	3773343	NonCancer	0.00E+00	7.44E-08	4.48E-06	0.00E+00	0.00E+00	4.51E-06	2.32E-06	0.00E+00	3.55E-06	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	4.51E-06
2270	ALL	462908.9	3773384	NonCancer	0.00E+00	8.31E-08	5.00E-06	0.00E+00	0.00E+00	5.04E-06	2.59E-06	0.00E+00	3.97E-06	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	5.04E-06
2271	ALL	462900.3	3773381	NonCancer	0.00E+00	8.05E-08	4.84E-06	0.00E+00	0.00E+00	4.88E-06	2.51E-06	0.00E+00	3.84E-06	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	4.88E-06
2272	ALL	462891.8	3773377	NonCancer	0.00E+00	7.64E-08	4.59E-06	0.00E+00	0.00E+00	4.63E-06	2.38E-06	0.00E+00	3.64E-06	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	4.63E-06
2273	ALL	462883.2	3773374	NonCancer	0.00E+00	7.39E-08	4.45E-06	0.00E+00	0.00E+00	4.48E-06	2.31E-06	0.00E+00	3.52E-06	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	4.48E-06
2274	ALL	462874.6	3773370	NonCancer	0.00E+00	7.59E-08	4.56E-06	0.00E+00	0.00E+00	4.60E-06	2.37E-06	0.00E+00	3.62E-06	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	4.60E-06
2275	ALL	462866.1	3773367	NonCancer	0.00E+00	7.57E-08	4.55E-06	0.00E+00	0.00E+00	4.59E-06	2.36E-06	0.00E+00	3.61E-06	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	4.59E-06
2276	ALL	462857.5	3773363	NonCancer	0.00E+00	7.33E-08	4.41E-06	0.00E+00	0.00E+00	4.45E-06	2.29E-06	0.00E+00	3.50E-06	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	4.45E-06
2277	ALL	462883.3	3773394	NonCancer	0.00E+00	6.92E-08	4.17E-06	0.00E+00	0.00E+00	4.20E-06	2.16E-06	0.00E+00	3.30E-06	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	4.20E-06
2278	ALL	462874.7	3773390	NonCancer	0.00E+00	6.56E-08	3.95E-06	0.00E+00	0.00E+00	3.98E-06	2.05E-06	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	3.98E-06
2279	ALL	462866.2	3773387	NonCancer	0.00E+00	6.65E-08	4.00E-06	0.00E+00	0.00E+00	4.03E-06	2.07E-06	0.00E+00	3.17E-06	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	4.03E-06
2280	ALL	462857.6	3773383	NonCancer	0.00E+00	6.75E-08	4.06E-06	0.00E+00	0.00E+00	4.10E-06	2.11E-06	0.00E+00	3.22E-06	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	4.10E-06
2281	ALL	462874.3	3773410	NonCancer	0.00E+00	6.31E-08	3.79E-06	0.00E+00	0.00E+00	3.82E-06	1.97E-06	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	3.82E-06
2282	ALL	462865.6	3773406	NonCancer	0.00E+00	5.95E-08	3.58E-06	0.00E+00	0.00E+00	3.61E-06	1.86E-06	0.00E+00	2.84E-06	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	3.61E-06
2283	ALL	462857	3773403	NonCancer	0.00E+00	5.83E-08	3.51E-06	0.00E+00	0.00E+00	3.54E-06	1.82E-06	0.00E+00	2.78E-06	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	3.54E-06
2284	ALL	462865.8	3773427	NonCancer	0.00E+00	5.77E-08	3.47E-06	0.00E+00	0.00E+00	3.50E-06	1.80E-06	0.00E+00	2.75E-06	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	3.50E-06
2285	ALL	462857.1	3773423	NonCancer	0.00E+00	5.46E-08	3.29E-06	0.00E+00	0.00E+00	3.31E-06	1.71E-06	0.00E+00	2.61E-06	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	3.31E-06
2286	ALL	462900.3	3773461	NonCancer	0.00E+00	5.64E-08	3.40E-06	0.00E+00	0.00E+00	3.42E-06	1.76E-06	0.00E+00	2.69E-06	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.42E-06
2287	ALL	462891.7	3773457	NonCancer	0.00E+00	5.78E-08	3.48E-06	0.00E+00	0.00E+00	3.51E-06	1.80E-06	0.00E+00	2.76E-06	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	3.51E-06
2288	ALL	462883.1	3773454	NonCancer	0.00E+00	5.81E-08	3.49E-06	0.00E+00	0.00E+00	3.52E-06	1.81E-06	0.00E+00	2.77E-06	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	3.52E-06
2289	ALL	462874.5	3773450	NonCancer	0.00E+00	5.73E-08	3.45E-06	0.00E+00	0.00E+00	3.47E-06	1.79E-06	0.00E+00	2.73E-06	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	3.47E-06
2290	ALL	462865.9	3773447	NonCancer	0.00E+00	5.58E-08	3.36E-06	0.00E+00	0.00E+00	3.38E-06	1.74E-06	0.00E+00	2.66E-06	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	3.38E-06
2291	ALL	462857.3	3773443	NonCancer	0.00E+00	5.34E-08	3.21E-06	0.00E+00	0.00E+00	3.24E-06	1.67E-06	0.00E+00	2.55E-06	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	3.24E-06
2292	ALL	462392.9	3773286	NonCancer	0.00E+00	1.33E-08	8.02E-07	0.00E+00	0.00E+00	8.08E-07	4.16E-07	0.00E+00	6.36E-07	0.00E+00	0.00E+00	8.02E-07	0.00E+00	0.00E+00	8.08E-07
2293	ALL	462394.9	3773362	NonCancer	0.00E+00	1.58E-08	9.52E-07	0.00E+00	0.00E+00	9.59E-07	4.94E-07	0.00E+00	7.54E-07	0.00E+00	0.00E+00	9.52E-07	0.00E+00	0.00E+00	9.59E-07
2294	ALL	462391.3	3773354	NonCancer	0.00E+00	1.57E-08	9.44E-07	0.00E+00	0.00E+00	9.52E-07	4.90E-07	0.00E+00	7.48E-07	0.00E+00	0.00E+00	9.44E-07	0.00E+00	0.00E+00	9.52E-07
2295	ALL	462387.7	3773345	NonCancer	0.00E+00	1.54E-08	9.26E-07	0.00E+00	0.00E+00	9.33E-07	4.80E-07	0.00E+00	7.34E-07	0.00E+00	0.00E+00	9.26E-07	0.00E+00	0.00E+00	9.33E-07
2296	ALL	462384	3773337	NonCancer	0.00E+00	1.50E-08	9.01E-07	0.00E+00	0.00E+00	9.08E-07	4.67E-07	0.00E+00	7.14E-07	0.00E+00	0.00E+00	9.01E-07	0.00E+00	0.00E+00	9.08E-07
2297	ALL	462380.4	3773328	NonCancer	0.00E+00	1.45E-08	8.71E-07	0.00E+00	0.00E+00	8.78E-07	4.51E-07	0.00E+00	6.90E-07	0.00E+00	0.00E+00	8.71E-07	0.00E+00	0.00E+00	8.78E-07
2298	ALL	462376.8	3773320	NonCancer	0.00E+00	1.39E-08	8.36E-07	0.00E+00	0.00E+00	8.43E-07	4.34E-07	0.00E+00	6.63E-07	0.00E+00	0.00E+00	8.36E-07	0.00E+00	0.00E+00	8.43E-07
2299	ALL	462373.1	3773311	NonCancer	0.00E+00	1.33E-08	7.99E-07	0.00E+00	0.00E+00	8.05E-07	4.14E-07	0.00E+00	6.33E-07	0.00E+00	0.00E+00	7.99E-07	0.00E+00	0.00E+00	8.05E-07
2300	ALL	462369.5	3773302	NonCancer	0.00E+00	1.29E-08	7.78E-07	0.00E+00	0.00E+00	7.84E-07	4.03E-07	0.00E+00	6.16E-07	0.00E+00	0.00E+00	7.78E-07	0.00E+00	0.00E+00	7.84E-07
2301	ALL	462365.9	3773294	NonCancer	0.00E+00	1.27E-08	7.64E-07	0.00E+00	0.00E+00	7.71E-07	3.96E-07	0.00E+00	6.06E-07	0.00E+00	0.00E+00	7.64E-07	0.00E+00	0.00E+00	7.71E-07
2302	ALL	462362.2	3773285	NonCancer	0.00E+00	1.24E-08	7.47E-07	0.00E+00	0.00E+00	7.53E-07	3.87E-07	0.00E+00	5.92E-07	0.00E+00	0.00E+00	7.47E-07	0.00E+00	0.00E+00	7.53E-07
2303	ALL	462396.6	3773438	NonCancer	0.00E+00	1.63E-08	9.84E-07	0.00E+00	0.00E+00	9.92E-07	5.10E-07	0.00E+00	7.79E-07	0.00E+00	0.00E+00	9.84E-07	0.00E+00	0.00E+00	9.92E-07
2304	ALL	462392.9	3773429	NonCancer	0.00E+00	1.63E-08	9.78E-07	0.00E+00	0.00E+00	9.86E-07	5.07E-07	0.00E+00	7.75E-07	0.00E+00	0.00E+00	9.78E-07	0.00E+00	0.00E+00	9.86E-07
2305	ALL	462389.3	3773420	NonCancer	0.00E+00	1.61E-08	9.67E-07	0.00E+00	0.00E+00	9.75E-07	5.01E-07	0.00E+00	7.66E-07	0.00E+00	0.00E+00	9.67E-07	0.00E+00	0.00E+00	9.75E-07
2306	ALL	462385.6	3773412	NonCancer	0.00E+00	1.57E-08	9.45E-07	0.00E+00	0.00E+00	9.53E-07	4.90E-07	0.00E+00	7.49E-07	0.00E+00	0.00E+00	9.45E-07	0.00E+00	0.00E+00	9.53E-07
2307	ALL	462382	3773403	NonCancer	0.00E+00	1.52E-08	9.15E-07	0.00E+00	0.00E+00	9.23E-07	4.75E-07	0.00E+00	7.25E-07	0.00E+00	0.00E+00	9.15E-07	0.00E+00	0.00E+00	9.23E-07
2308	ALL	462378.4	3773395	NonCancer	0.00E+00	1.48E-08	8.92E-07	0.00E+00	0.00E+00	8.99E-07	4.63E-07	0.00E+00	7.07E-07	0.00E+00	0.00E+00	8.92E-07	0.00E+00	0.00E+00	8.99E-07
2309	ALL	462374.7	3773386	NonCancer	0.00E+00	1.48E-08	8.89E-07	0.00E+00	0.00E+00	8.96E-07	4.61E-07	0.00E+00	7.04E-07	0.00E+00	0.00E+00	8.89E-07	0.00E+00	0.00E+00	8.96E-07
2310	ALL	462371.1	3773377	NonCancer	0.00E+00	1.49E-08	8.98E-07	0.00E+00	0.00E+00	9.05E-07	4.66E-07	0.00E+00	7.12E-07	0.00E+00	0.00E+00	8.98E-07	0.00E+00	0.00E+00	9.05E-07
2311	ALL	462367.4	3773369	NonCancer	0.00E+00	1.49E-08	8.99E-07	0.00E+00	0.00E+00	9.06E-07	4.66E-07	0.00E+00	7.13E-07	0.00E+00	0.00E+00	8.99E-07	0.00E+00	0.00E+00	9.06E-07
2312	ALL	462363.8	3773360	NonCancer	0.00E+00	1.48E-08	8.92E-07	0.00E+00	0.00E+00	8.99E-07	4.63E-07	0.00E+00	7.07E-07	0.00E+00	0.00E+00	8.92E-07	0.00E+00	0.00E+00	8.99E-07
2313	ALL	462360.2	3773352	NonCancer	0.00E+00	1.46E-08	8.76E-07	0.00E+00	0.00E+00	8.83E-07	4.54E-07	0.00E+00	6.94E-07	0.00E+00	0.00E+00	8.76E-07	0.00E+00	0.00E+00	8.83E-07
2314	ALL	462356.5	3773343	NonCancer	0.00E+00	1.41E-08	8.51E-07	0.00E+00	0.00E+00	8.58E-07	4.41E-07	0.00E+00	6.75E-07	0.00E+00	0.00E+00	8.51E-07	0.00E+00	0.00E+00	8.58E-07
2315	ALL	462352.9	3773334	NonCancer	0.00E+00	1.37E-08	8.23E-07	0.00E+00	0.00E+00	8.30E-07	4.27E-07	0.00E+00	6.52E-07	0.00E+00	0.00E+00	8.23E-07	0.00E+00	0.00E+00	8.30E-07
2316	ALL	462349.3	3773326	NonCancer	0.00E+00	1.31E-08	7.91E-07	0.00E+00	0.00E+00	7.97E-07	4.10E-07	0.00E+00	6.27E-07	0.00E+00	0.00E+00	7.91E-07	0.00E+00	0.00E+00	7.97E-07
2317	ALL	462345.6	3773317	NonCancer	0.00E+00	1.26E-08	7.57E-07	0.00E+00	0.00E+00	7.63E-07	3.93E-07	0.00E+00	6.00E-07	0.00E+00	0.00E+00	7.57E-07	0.00E+00	0.00E+00	7.63E-07
2318	ALL	462342	3773308	NonCancer	0.00E+00	1.22E-08	7.37E-07	0.00E+00	0.00E+00	7.43E-07	3.82E-07	0.00E+00	5.84E-07	0.00E+00	0.00E+00	7.37E-07	0.00E+00	0.00E+00	7.43E-07
2319	ALL	462338.3	3773300	NonCancer	0.00E+00	1.20E-08	7.25E-07	0.00E+00	0.00E+00	7.31E-07	3.76E-07	0.00E+00	5.74E-07	0.00E+00	0.00E+00	7.25E-07	0.00E+00	0.00E+00	7.31E-07
2320	ALL	462334.7	3773291	NonCancer	0.00E+00	1.18E-08	7.11E-07	0.00E+00	0.00E+00	7.16E-07	3.68E-07	0.00E+00	5.63E-07	0.00E+00	0.00E+00	7.11E-07	0.00E+00	0.00E+00	7.16E-07

2321	ALL	462331.1	3773283	NonCancer	0.00E+00	1.15E-08	6.94E-07	0.00E+00	0.00E+00	7.00E-07	3.60E-07	0.00E+00	5.50E-07	0.00E+00	0.00E+00	6.94E-07	0.00E+00	0.00E+00	7.00E-07
2322	ALL	462366.1	3773461	NonCancer	0.00E+00	1.60E-08	9.60E-07	0.00E+00	0.00E+00	9.68E-07	4.98E-07	0.00E+00	7.61E-07	0.00E+00	0.00E+00	9.60E-07	0.00E+00	0.00E+00	9.68E-07
2323	ALL	462362.5	3773452	NonCancer	0.00E+00	1.54E-08	9.25E-07	0.00E+00	0.00E+00	9.32E-07	4.79E-07	0.00E+00	7.33E-07	0.00E+00	0.00E+00	9.25E-07	0.00E+00	0.00E+00	9.32E-07
2324	ALL	462358.9	3773443	NonCancer	0.00E+00	1.52E-08	9.18E-07	0.00E+00	0.00E+00	9.25E-07	4.76E-07	0.00E+00	7.27E-07	0.00E+00	0.00E+00	9.18E-07	0.00E+00	0.00E+00	9.25E-07
2325	ALL	462355.2	3773435	NonCancer	0.00E+00	1.51E-08	9.09E-07	0.00E+00	0.00E+00	9.17E-07	4.71E-07	0.00E+00	7.21E-07	0.00E+00	0.00E+00	9.09E-07	0.00E+00	0.00E+00	9.17E-07
2326	ALL	462351.6	3773426	NonCancer	0.00E+00	1.48E-08	8.93E-07	0.00E+00	0.00E+00	9.00E-07	4.63E-07	0.00E+00	7.08E-07	0.00E+00	0.00E+00	8.93E-07	0.00E+00	0.00E+00	9.00E-07
2327	ALL	462348	3773418	NonCancer	0.00E+00	1.45E-08	8.70E-07	0.00E+00	0.00E+00	8.77E-07	4.51E-07	0.00E+00	6.89E-07	0.00E+00	0.00E+00	8.70E-07	0.00E+00	0.00E+00	8.77E-07
2328	ALL	462344.3	3773409	NonCancer	0.00E+00	1.39E-08	8.39E-07	0.00E+00	0.00E+00	8.45E-07	4.35E-07	0.00E+00	6.65E-07	0.00E+00	0.00E+00	8.39E-07	0.00E+00	0.00E+00	8.45E-07
2329	ALL	462340.7	3773400	NonCancer	0.00E+00	1.38E-08	8.29E-07	0.00E+00	0.00E+00	8.35E-07	4.30E-07	0.00E+00	6.57E-07	0.00E+00	0.00E+00	8.29E-07	0.00E+00	0.00E+00	8.35E-07
2330	ALL	462337.1	3773392	NonCancer	0.00E+00	1.39E-08	8.35E-07	0.00E+00	0.00E+00	8.42E-07	4.33E-07	0.00E+00	6.62E-07	0.00E+00	0.00E+00	8.35E-07	0.00E+00	0.00E+00	8.42E-07
2331	ALL	462333.4	3773383	NonCancer	0.00E+00	1.39E-08	8.36E-07	0.00E+00	0.00E+00	8.43E-07	4.33E-07	0.00E+00	6.62E-07	0.00E+00	0.00E+00	8.36E-07	0.00E+00	0.00E+00	8.43E-07
2332	ALL	462329.8	3773375	NonCancer	0.00E+00	1.38E-08	8.32E-07	0.00E+00	0.00E+00	8.39E-07	4.31E-07	0.00E+00	6.59E-07	0.00E+00	0.00E+00	8.32E-07	0.00E+00	0.00E+00	8.39E-07
2333	ALL	462326.2	3773366	NonCancer	0.00E+00	1.37E-08	8.23E-07	0.00E+00	0.00E+00	8.29E-07	4.27E-07	0.00E+00	6.52E-07	0.00E+00	0.00E+00	8.23E-07	0.00E+00	0.00E+00	8.29E-07
2334	ALL	462322.5	3773357	NonCancer	0.00E+00	1.34E-08	8.07E-07	0.00E+00	0.00E+00	8.14E-07	4.19E-07	0.00E+00	6.40E-07	0.00E+00	0.00E+00	8.07E-07	0.00E+00	0.00E+00	8.14E-07
2335	ALL	462318.9	3773349	NonCancer	0.00E+00	1.30E-08	7.85E-07	0.00E+00	0.00E+00	7.91E-07	4.07E-07	0.00E+00	6.22E-07	0.00E+00	0.00E+00	7.85E-07	0.00E+00	0.00E+00	7.91E-07
2336	ALL	462315.3	3773340	NonCancer	0.00E+00	1.26E-08	7.58E-07	0.00E+00	0.00E+00	7.65E-07	3.93E-07	0.00E+00	6.01E-07	0.00E+00	0.00E+00	7.58E-07	0.00E+00	0.00E+00	7.65E-07
2337	ALL	462311.6	3773332	NonCancer	0.00E+00	1.21E-08	7.29E-07	0.00E+00	0.00E+00	7.34E-07	3.78E-07	0.00E+00	5.77E-07	0.00E+00	0.00E+00	7.29E-07	0.00E+00	0.00E+00	7.34E-07
2338	ALL	462308	3773323	NonCancer	0.00E+00	1.16E-08	6.98E-07	0.00E+00	0.00E+00	7.04E-07	3.62E-07	0.00E+00	5.53E-07	0.00E+00	0.00E+00	6.98E-07	0.00E+00	0.00E+00	7.04E-07
2339	ALL	462304.4	3773314	NonCancer	0.00E+00	1.14E-08	6.85E-07	0.00E+00	0.00E+00	6.90E-07	3.55E-07	0.00E+00	5.43E-07	0.00E+00	0.00E+00	6.85E-07	0.00E+00	0.00E+00	6.90E-07
2340	ALL	462300.7	3773306	NonCancer	0.00E+00	1.12E-08	6.73E-07	0.00E+00	0.00E+00	6.79E-07	3.49E-07	0.00E+00	5.33E-07	0.00E+00	0.00E+00	6.73E-07	0.00E+00	0.00E+00	6.79E-07
2341	ALL	462297.1	3773297	NonCancer	0.00E+00	1.10E-08	6.61E-07	0.00E+00	0.00E+00	6.67E-07	3.43E-07	0.00E+00	5.24E-07	0.00E+00	0.00E+00	6.61E-07	0.00E+00	0.00E+00	6.67E-07
2342	ALL	462293.5	3773289	NonCancer	0.00E+00	1.08E-08	6.49E-07	0.00E+00	0.00E+00	6.54E-07	3.36E-07	0.00E+00	5.14E-07	0.00E+00	0.00E+00	6.49E-07	0.00E+00	0.00E+00	6.54E-07
2343	ALL	462289.8	3773280	NonCancer	0.00E+00	1.05E-08	6.35E-07	0.00E+00	0.00E+00	6.40E-07	3.29E-07	0.00E+00	5.03E-07	0.00E+00	0.00E+00	6.35E-07	0.00E+00	0.00E+00	6.40E-07
2344	ALL	462323.8	3773456	NonCancer	0.00E+00	1.44E-08	8.64E-07	0.00E+00	0.00E+00	8.71E-07	4.48E-07	0.00E+00	6.85E-07	0.00E+00	0.00E+00	8.64E-07	0.00E+00	0.00E+00	8.71E-07
2345	ALL	462320.2	3773447	NonCancer	0.00E+00	1.42E-08	8.54E-07	0.00E+00	0.00E+00	8.61E-07	4.43E-07	0.00E+00	6.77E-07	0.00E+00	0.00E+00	8.54E-07	0.00E+00	0.00E+00	8.61E-07
2346	ALL	462316.6	3773438	NonCancer	0.00E+00	1.39E-08	8.39E-07	0.00E+00	0.00E+00	8.46E-07	4.35E-07	0.00E+00	6.65E-07	0.00E+00	0.00E+00	8.39E-07	0.00E+00	0.00E+00	8.46E-07
2347	ALL	462312.9	3773430	NonCancer	0.00E+00	1.36E-08	8.18E-07	0.00E+00	0.00E+00	8.25E-07	4.24E-07	0.00E+00	6.48E-07	0.00E+00	0.00E+00	8.18E-07	0.00E+00	0.00E+00	8.25E-07
2348	ALL	462309.3	3773421	NonCancer	0.00E+00	1.31E-08	7.91E-07	0.00E+00	0.00E+00	7.98E-07	4.10E-07	0.00E+00	6.27E-07	0.00E+00	0.00E+00	7.91E-07	0.00E+00	0.00E+00	7.98E-07
2349	ALL	462305.7	3773413	NonCancer	0.00E+00	1.30E-08	7.81E-07	0.00E+00	0.00E+00	7.87E-07	4.05E-07	0.00E+00	6.19E-07	0.00E+00	0.00E+00	7.81E-07	0.00E+00	0.00E+00	7.87E-07
2350	ALL	462302	3773404	NonCancer	0.00E+00	1.31E-08	7.87E-07	0.00E+00	0.00E+00	7.94E-07	4.08E-07	0.00E+00	6.24E-07	0.00E+00	0.00E+00	7.87E-07	0.00E+00	0.00E+00	7.94E-07
2351	ALL	462298.4	3773395	NonCancer	0.00E+00	1.31E-08	7.90E-07	0.00E+00	0.00E+00	7.96E-07	4.10E-07	0.00E+00	6.26E-07	0.00E+00	0.00E+00	7.90E-07	0.00E+00	0.00E+00	7.96E-07
2352	ALL	462294.7	3773387	NonCancer	0.00E+00	1.31E-08	7.88E-07	0.00E+00	0.00E+00	7.95E-07	4.09E-07	0.00E+00	6.25E-07	0.00E+00	0.00E+00	7.88E-07	0.00E+00	0.00E+00	7.95E-07
2353	ALL	462291.1	3773378	NonCancer	0.00E+00	1.30E-08	7.81E-07	0.00E+00	0.00E+00	7.87E-07	4.05E-07	0.00E+00	6.19E-07	0.00E+00	0.00E+00	7.81E-07	0.00E+00	0.00E+00	7.87E-07
2354	ALL	462287.5	3773370	NonCancer	0.00E+00	1.27E-08	7.67E-07	0.00E+00	0.00E+00	7.73E-07	3.98E-07	0.00E+00	6.08E-07	0.00E+00	0.00E+00	7.67E-07	0.00E+00	0.00E+00	7.73E-07
2355	ALL	462283.8	3773361	NonCancer	0.00E+00	1.24E-08	7.47E-07	0.00E+00	0.00E+00	7.53E-07	3.87E-07	0.00E+00	5.92E-07	0.00E+00	0.00E+00	7.47E-07	0.00E+00	0.00E+00	7.53E-07
2356	ALL	462280.2	3773352	NonCancer	0.00E+00	1.20E-08	7.23E-07	0.00E+00	0.00E+00	7.29E-07	3.75E-07	0.00E+00	5.73E-07	0.00E+00	0.00E+00	7.23E-07	0.00E+00	0.00E+00	7.29E-07
2357	ALL	462276.5	3773344	NonCancer	0.00E+00	1.16E-08	6.97E-07	0.00E+00	0.00E+00	7.03E-07	3.62E-07	0.00E+00	5.53E-07	0.00E+00	0.00E+00	6.97E-07	0.00E+00	0.00E+00	7.03E-07
2358	ALL	462272.9	3773335	NonCancer	0.00E+00	1.11E-08	6.69E-07	0.00E+00	0.00E+00	6.75E-07	3.47E-07	0.00E+00	5.30E-07	0.00E+00	0.00E+00	6.69E-07	0.00E+00	0.00E+00	6.75E-07
2359	ALL	462269.3	3773326	NonCancer	0.00E+00	1.09E-08	6.53E-07	0.00E+00	0.00E+00	6.58E-07	3.39E-07	0.00E+00	5.18E-07	0.00E+00	0.00E+00	6.53E-07	0.00E+00	0.00E+00	6.58E-07
2360	ALL	462265.6	3773318	NonCancer	0.00E+00	1.06E-08	6.38E-07	0.00E+00	0.00E+00	6.43E-07	3.31E-07	0.00E+00	5.06E-07	0.00E+00	0.00E+00	6.38E-07	0.00E+00	0.00E+00	6.43E-07
2361	ALL	462262	3773309	NonCancer	0.00E+00	1.04E-08	6.24E-07	0.00E+00	0.00E+00	6.29E-07	3.24E-07	0.00E+00	4.95E-07	0.00E+00	0.00E+00	6.24E-07	0.00E+00	0.00E+00	6.29E-07
2362	ALL	462258.3	3773301	NonCancer	0.00E+00	1.02E-08	6.12E-07	0.00E+00	0.00E+00	6.17E-07	3.17E-07	0.00E+00	4.85E-07	0.00E+00	0.00E+00	6.12E-07	0.00E+00	0.00E+00	6.17E-07
2363	ALL	462254.7	3773292	NonCancer	0.00E+00	9.96E-09	6.00E-07	0.00E+00	0.00E+00	6.04E-07	3.11E-07	0.00E+00	4.75E-07	0.00E+00	0.00E+00	6.00E-07	0.00E+00	0.00E+00	6.04E-07
2364	ALL	462251.1	3773283	NonCancer	0.00E+00	9.81E-09	5.91E-07	0.00E+00	0.00E+00	5.96E-07	3.06E-07	0.00E+00	4.68E-07	0.00E+00	0.00E+00	5.91E-07	0.00E+00	0.00E+00	5.96E-07
2365	ALL	462286.2	3773462	NonCancer	0.00E+00	1.35E-08	8.10E-07	0.00E+00	0.00E+00	8.16E-07	4.20E-07	0.00E+00	6.42E-07	0.00E+00	0.00E+00	8.10E-07	0.00E+00	0.00E+00	8.16E-07
2366	ALL	462282.5	3773453	NonCancer	0.00E+00	1.32E-08	7.96E-07	0.00E+00	0.00E+00	8.02E-07	4.13E-07	0.00E+00	6.31E-07	0.00E+00	0.00E+00	7.96E-07	0.00E+00	0.00E+00	8.02E-07
2367	ALL	462278.9	3773444	NonCancer	0.00E+00	1.29E-08	7.77E-07	0.00E+00	0.00E+00	7.83E-07	4.03E-07	0.00E+00	6.16E-07	0.00E+00	0.00E+00	7.77E-07	0.00E+00	0.00E+00	7.83E-07
2368	ALL	462275.3	3773436	NonCancer	0.00E+00	1.26E-08	7.59E-07	0.00E+00	0.00E+00	7.65E-07	3.93E-07	0.00E+00	6.01E-07	0.00E+00	0.00E+00	7.59E-07	0.00E+00	0.00E+00	7.65E-07
2369	ALL	462271.6	3773427	NonCancer	0.00E+00	1.24E-08	7.46E-07	0.00E+00	0.00E+00	7.52E-07	3.87E-07	0.00E+00	5.91E-07	0.00E+00	0.00E+00	7.46E-07	0.00E+00	0.00E+00	7.52E-07
2370	ALL	462268	3773418	NonCancer	0.00E+00	1.24E-08	7.47E-07	0.00E+00	0.00E+00	7.53E-07	3.87E-07	0.00E+00	5.92E-07	0.00E+00	0.00E+00	7.47E-07	0.00E+00	0.00E+00	7.53E-07
2371	ALL	462264.4	3773410	NonCancer	0.00E+00	1.25E-08	7.52E-07	0.00E+00	0.00E+00	7.58E-07	3.90E-07	0.00E+00	5.96E-07	0.00E+00	0.00E+00	7.52E-07	0.00E+00	0.00E+00	7.58E-07
2372	ALL	462260.7	3773401	NonCancer	0.00E+00	1.25E-08	7.54E-07	0.00E+00	0.00E+00	7.60E-07	3.91E-07	0.00E+00	5.97E-07	0.00E+00	0.00E+00	7.54E-07	0.00E+00	0.00E+00	7.60E-07
2373	ALL	462257.1	3773393	NonCancer	0.00E+00	1.25E-08	7.50E-07	0.00E+00	0.00E+00	7.56E-07	3.89E-07	0.00E+00	5.94E-07	0.00E+00	0.00E+00	7.50E-07	0.00E+00	0.00E+00	7.56E-07
2374	ALL	462253.5	3773384	NonCancer	0.00E+00	1.23E-08	7.39E-07	0.00E+00	0.00E+00	7.45E-07	3.83E-07	0.00E+00	5.85E-07	0.00E+00	0.00E+00	7.39E-07	0.00E+00	0.00E+00	7.45E-07

2375	ALL	462249.8	3773375	NonCancer	0.00E+00	1.20E-08	7.20E-07	0.00E+00	0.00E+00	7.26E-07	3.73E-07	0.00E+00	5.71E-07	0.00E+00	0.00E+00	7.20E-07	0.00E+00	0.00E+00	7.26E-07
2376	ALL	462246.2	3773367	NonCancer	0.00E+00	1.16E-08	6.99E-07	0.00E+00	0.00E+00	7.05E-07	3.63E-07	0.00E+00	5.54E-07	0.00E+00	0.00E+00	6.99E-07	0.00E+00	0.00E+00	7.05E-07
2377	ALL	462242.6	3773358	NonCancer	0.00E+00	1.12E-08	6.75E-07	0.00E+00	0.00E+00	6.81E-07	3.50E-07	0.00E+00	5.35E-07	0.00E+00	0.00E+00	6.75E-07	0.00E+00	0.00E+00	6.81E-07
2378	ALL	462238.9	3773350	NonCancer	0.00E+00	1.08E-08	6.51E-07	0.00E+00	0.00E+00	6.56E-07	3.38E-07	0.00E+00	5.16E-07	0.00E+00	0.00E+00	6.51E-07	0.00E+00	0.00E+00	6.56E-07
2379	ALL	462235.3	3773341	NonCancer	0.00E+00	1.04E-08	6.26E-07	0.00E+00	0.00E+00	6.31E-07	3.25E-07	0.00E+00	4.96E-07	0.00E+00	0.00E+00	6.26E-07	0.00E+00	0.00E+00	6.31E-07
2380	ALL	462231.6	3773332	NonCancer	0.00E+00	1.02E-08	6.16E-07	0.00E+00	0.00E+00	6.21E-07	3.19E-07	0.00E+00	4.88E-07	0.00E+00	0.00E+00	6.16E-07	0.00E+00	0.00E+00	6.21E-07
2381	ALL	462243.9	3773456	NonCancer	0.00E+00	1.26E-08	7.61E-07	0.00E+00	0.00E+00	7.67E-07	3.95E-07	0.00E+00	6.03E-07	0.00E+00	0.00E+00	7.61E-07	0.00E+00	0.00E+00	7.67E-07
2382	ALL	462240.2	3773448	NonCancer	0.00E+00	1.27E-08	7.66E-07	0.00E+00	0.00E+00	7.73E-07	3.97E-07	0.00E+00	6.07E-07	0.00E+00	0.00E+00	7.66E-07	0.00E+00	0.00E+00	7.73E-07
2383	ALL	462236.6	3773439	NonCancer	0.00E+00	1.25E-08	7.53E-07	0.00E+00	0.00E+00	7.59E-07	3.90E-07	0.00E+00	5.97E-07	0.00E+00	0.00E+00	7.53E-07	0.00E+00	0.00E+00	7.59E-07
2384	ALL	462232.9	3773431	NonCancer	0.00E+00	1.22E-08	7.32E-07	0.00E+00	0.00E+00	7.38E-07	3.80E-07	0.00E+00	5.80E-07	0.00E+00	0.00E+00	7.32E-07	0.00E+00	0.00E+00	7.38E-07
2385	ALL	462229.3	3773422	NonCancer	0.00E+00	1.20E-08	7.22E-07	0.00E+00	0.00E+00	7.27E-07	3.74E-07	0.00E+00	5.72E-07	0.00E+00	0.00E+00	7.22E-07	0.00E+00	0.00E+00	7.27E-07
2386	ALL	462185.6	3773319	NonCancer	0.00E+00	9.17E-09	5.52E-07	0.00E+00	0.00E+00	5.56E-07	2.86E-07	0.00E+00	4.37E-07	0.00E+00	0.00E+00	5.52E-07	0.00E+00	0.00E+00	5.56E-07
2387	ALL	462182	3773310	NonCancer	0.00E+00	8.96E-09	5.39E-07	0.00E+00	0.00E+00	5.43E-07	2.79E-07	0.00E+00	4.27E-07	0.00E+00	0.00E+00	5.39E-07	0.00E+00	0.00E+00	5.43E-07
2388	ALL	462178.4	3773301	NonCancer	0.00E+00	8.80E-09	5.30E-07	0.00E+00	0.00E+00	5.34E-07	2.75E-07	0.00E+00	4.20E-07	0.00E+00	0.00E+00	5.30E-07	0.00E+00	0.00E+00	5.34E-07
2389	ALL	462174.7	3773293	NonCancer	0.00E+00	8.78E-09	5.29E-07	0.00E+00	0.00E+00	5.33E-07	2.74E-07	0.00E+00	4.19E-07	0.00E+00	0.00E+00	5.29E-07	0.00E+00	0.00E+00	5.33E-07
2390	ALL	462171.1	3773284	NonCancer	0.00E+00	8.78E-09	5.29E-07	0.00E+00	0.00E+00	5.33E-07	2.74E-07	0.00E+00	4.19E-07	0.00E+00	0.00E+00	5.29E-07	0.00E+00	0.00E+00	5.33E-07
2391	ALL	462167.4	3773275	NonCancer	0.00E+00	8.76E-09	5.28E-07	0.00E+00	0.00E+00	5.32E-07	2.73E-07	0.00E+00	4.18E-07	0.00E+00	0.00E+00	5.28E-07	0.00E+00	0.00E+00	5.32E-07
2392	ALL	462144.4	3773316	NonCancer	0.00E+00	8.63E-09	5.19E-07	0.00E+00	0.00E+00	5.24E-07	2.69E-07	0.00E+00	4.11E-07	0.00E+00	0.00E+00	5.19E-07	0.00E+00	0.00E+00	5.24E-07
2393	ALL	462140.8	3773307	NonCancer	0.00E+00	8.59E-09	5.17E-07	0.00E+00	0.00E+00	5.21E-07	2.68E-07	0.00E+00	4.10E-07	0.00E+00	0.00E+00	5.17E-07	0.00E+00	0.00E+00	5.21E-07
2394	ALL	462137.1	3773299	NonCancer	0.00E+00	8.59E-09	5.17E-07	0.00E+00	0.00E+00	5.21E-07	2.68E-07	0.00E+00	4.09E-07	0.00E+00	0.00E+00	5.17E-07	0.00E+00	0.00E+00	5.21E-07
2395	ALL	462133.5	3773290	NonCancer	0.00E+00	8.54E-09	5.14E-07	0.00E+00	0.00E+00	5.18E-07	2.67E-07	0.00E+00	4.07E-07	0.00E+00	0.00E+00	5.14E-07	0.00E+00	0.00E+00	5.18E-07
2396	ALL	462129.9	3773282	NonCancer	0.00E+00	8.45E-09	5.09E-07	0.00E+00	0.00E+00	5.13E-07	2.64E-07	0.00E+00	4.03E-07	0.00E+00	0.00E+00	5.09E-07	0.00E+00	0.00E+00	5.13E-07
2397	ALL	462917.5	3774088	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.70E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
2398	ALL	462908.8	3774084	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.60E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
2399	ALL	462900.2	3774081	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.64E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
2400	ALL	462917.5	3774128	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.82E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
2401	ALL	462908.8	3774124	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.70E-06	8.76E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.70E-06
2402	ALL	462900.2	3774121	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.69E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
2403	ALL	462891.5	3774117	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.66E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
2404	ALL	462882.9	3774114	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.62E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
2405	ALL	462874.3	3774110	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.61E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
2406	ALL	462865.6	3774106	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.62E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
2407	ALL	462857	3774103	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.60E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
2408	ALL	462848.3	3774099	NonCancer	0.00E+00	2.75E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.59E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
2409	ALL	462839.7	3774096	NonCancer	0.00E+00	2.75E-08	1.65E-06	0.00E+00	0.00E+00	1.67E-06	8.57E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.67E-06
2410	ALL	462831	3774092	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.56E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
2411	ALL	462822.4	3774089	NonCancer	0.00E+00	2.74E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.55E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
2412	ALL	462908.8	3774164	NonCancer	0.00E+00	2.91E-08	1.75E-06	0.00E+00	0.00E+00	1.76E-06	9.07E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.76E-06
2413	ALL	462900.2	3774161	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.74E-06	8.93E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.74E-06
2414	ALL	462891.5	3774157	NonCancer	0.00E+00	2.82E-08	1.70E-06	0.00E+00	0.00E+00	1.71E-06	8.80E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.71E-06
2415	ALL	462882.9	3774154	NonCancer	0.00E+00	2.79E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.70E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
2416	ALL	462874.2	3774150	NonCancer	0.00E+00	2.77E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.63E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
2417	ALL	462865.6	3774146	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.69E-06	8.68E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.69E-06
2418	ALL	462856.9	3774143	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.77E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
2419	ALL	462848.2	3774139	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.73E-06	8.87E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.73E-06
2420	ALL	462839.6	3774136	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.87E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
2421	ALL	462830.9	3774132	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.77E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
2422	ALL	462822.3	3774129	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.69E-06	8.68E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.69E-06
2423	ALL	462929.8	3774088	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.82E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
2424	ALL	462939.1	3774088	NonCancer	0.00E+00	2.85E-08	1.71E-06	0.00E+00	0.00E+00	1.73E-06	8.88E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.73E-06
2425	ALL	462948.5	3774088	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.85E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
2426	ALL	462957.8	3774088	NonCancer	0.00E+00	2.84E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.85E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
2427	ALL	462967.1	3774088	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.84E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
2428	ALL	462976.4	3774088	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.89E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06

2429	ALL	462985.8	3774088	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.75E-06	8.98E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.75E-06
2430	ALL	462995.1	3774088	NonCancer	0.00E+00	2.90E-08	1.74E-06	0.00E+00	0.00E+00	1.76E-06	9.04E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.76E-06
2431	ALL	462929.8	3774128	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.91E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
2432	ALL	462939.1	3774128	NonCancer	0.00E+00	2.87E-08	1.73E-06	0.00E+00	0.00E+00	1.74E-06	8.96E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.74E-06
2433	ALL	462948.5	3774128	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.75E-06	8.98E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.75E-06
2434	ALL	462957.8	3774128	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.00E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
2435	ALL	462967.1	3774128	NonCancer	0.00E+00	2.88E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	8.99E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
2436	ALL	462976.4	3774128	NonCancer	0.00E+00	2.90E-08	1.75E-06	0.00E+00	0.00E+00	1.76E-06	9.05E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.76E-06
2437	ALL	462985.8	3774128	NonCancer	0.00E+00	2.92E-08	1.76E-06	0.00E+00	0.00E+00	1.77E-06	9.11E-07	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.77E-06
2438	ALL	462995.1	3774128	NonCancer	0.00E+00	2.94E-08	1.77E-06	0.00E+00	0.00E+00	1.78E-06	9.16E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.78E-06
2439	ALL	463004.4	3774128	NonCancer	0.00E+00	2.96E-08	1.78E-06	0.00E+00	0.00E+00	1.79E-06	9.23E-07	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	1.79E-06

*HARP - HRACalc v22118 7/31/2024 9:43:31 PM - Chronic Risk - Input File: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Worker_25yr_HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		463043.4	3773291	NonCancer	0.00E+00	1.02E-07	0.00E+00	7.23E-09	7.23E-09	3.41E-06	3.31E-04	0.00E+00	3.15E-07	0.00E+00	7.23E-09	1.17E-05	0.00E+00	0.00E+00	3.31E-04
2	ALL		463054.6	3773282	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.92E-09	9.92E-09	4.68E-06	4.27E-04	0.00E+00	4.32E-07	0.00E+00	9.92E-09	1.60E-05	0.00E+00	0.00E+00	4.27E-04
3	ALL		463050.8	3773297	NonCancer	0.00E+00	8.63E-08	0.00E+00	6.10E-09	6.10E-09	2.88E-06	2.80E-04	0.00E+00	2.66E-07	0.00E+00	6.10E-09	9.85E-06	0.00E+00	0.00E+00	2.80E-04
4	ALL		463062.2	3773289	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.90E-09	7.90E-09	3.73E-06	3.45E-04	0.00E+00	3.44E-07	0.00E+00	7.90E-09	1.28E-05	0.00E+00	0.00E+00	3.45E-04
5	ALL		463059	3773303	NonCancer	0.00E+00	7.52E-08	0.00E+00	5.31E-09	5.31E-09	2.51E-06	2.44E-04	0.00E+00	2.31E-07	0.00E+00	5.31E-09	8.58E-06	0.00E+00	0.00E+00	2.44E-04
6	ALL		463046.8	3773309	NonCancer	0.00E+00	6.51E-08	0.00E+00	4.60E-09	4.60E-09	2.17E-06	2.18E-04	0.00E+00	2.00E-07	0.00E+00	4.60E-09	7.43E-06	0.00E+00	0.00E+00	2.18E-04
7	ALL		463069.8	3773295	NonCancer	0.00E+00	9.30E-08	0.00E+00	6.57E-09	6.57E-09	3.10E-06	2.90E-04	0.00E+00	2.86E-07	0.00E+00	6.57E-09	1.06E-05	0.00E+00	0.00E+00	2.90E-04
8	ALL		463066.4	3773310	NonCancer	0.00E+00	6.61E-08	0.00E+00	4.67E-09	4.67E-09	2.20E-06	2.14E-04	0.00E+00	2.04E-07	0.00E+00	4.67E-09	7.55E-06	0.00E+00	0.00E+00	2.14E-04
9	ALL		463054	3773316	NonCancer	0.00E+00	5.81E-08	0.00E+00	4.11E-09	4.11E-09	1.94E-06	1.94E-04	0.00E+00	1.79E-07	0.00E+00	4.11E-09	6.63E-06	0.00E+00	0.00E+00	1.94E-04
10	ALL		463041.6	3773321	NonCancer	0.00E+00	5.11E-08	0.00E+00	3.61E-09	3.61E-09	1.70E-06	1.74E-04	0.00E+00	1.57E-07	0.00E+00	3.61E-09	5.83E-06	0.00E+00	0.00E+00	1.74E-04
11	ALL		463077.3	3773302	NonCancer	0.00E+00	7.96E-08	0.00E+00	5.63E-09	5.63E-09	2.66E-06	2.49E-04	0.00E+00	2.45E-07	0.00E+00	5.63E-09	9.09E-06	0.00E+00	0.00E+00	2.49E-04
12	ALL		463073.8	3773317	NonCancer	0.00E+00	5.90E-08	0.00E+00	4.17E-09	4.17E-09	1.97E-06	1.91E-04	0.00E+00	1.82E-07	0.00E+00	4.17E-09	6.73E-06	0.00E+00	0.00E+00	1.91E-04
13	ALL		463061.2	3773322	NonCancer	0.00E+00	5.25E-08	0.00E+00	3.71E-09	3.71E-09	1.75E-06	1.74E-04	0.00E+00	1.62E-07	0.00E+00	3.71E-09	5.99E-06	0.00E+00	0.00E+00	1.74E-04
14	ALL		463048.6	3773328	NonCancer	0.00E+00	4.67E-08	0.00E+00	3.30E-09	3.30E-09	1.56E-06	1.59E-04	0.00E+00	1.44E-07	0.00E+00	3.30E-09	5.33E-06	0.00E+00	0.00E+00	1.59E-04
15	ALL		463084.9	3773308	NonCancer	0.00E+00	6.97E-08	0.00E+00	4.92E-09	4.92E-09	2.32E-06	2.19E-04	0.00E+00	2.15E-07	0.00E+00	4.92E-09	7.95E-06	0.00E+00	0.00E+00	2.19E-04
16	ALL		463088.8	3773330	NonCancer	0.00E+00	4.86E-08	0.00E+00	3.44E-09	3.44E-09	1.62E-06	1.57E-04	0.00E+00	1.50E-07	0.00E+00	3.44E-09	5.55E-06	0.00E+00	0.00E+00	1.57E-04
17	ALL		463075.8	3773336	NonCancer	0.00E+00	4.40E-08	0.00E+00	3.11E-09	3.11E-09	1.47E-06	1.45E-04	0.00E+00	1.36E-07	0.00E+00	3.11E-09	5.03E-06	0.00E+00	0.00E+00	1.45E-04
18	ALL		463062.8	3773342	NonCancer	0.00E+00	3.99E-08	0.00E+00	2.82E-09	2.82E-09	1.33E-06	1.34E-04	0.00E+00	1.23E-07	0.00E+00	2.82E-09	4.56E-06	0.00E+00	0.00E+00	1.34E-04
19	ALL		463049.9	3773348	NonCancer	0.00E+00	3.63E-08	0.00E+00	2.56E-09	2.56E-09	1.21E-06	1.24E-04	0.00E+00	1.12E-07	0.00E+00	2.56E-09	4.14E-06	0.00E+00	0.00E+00	1.24E-04
20	ALL		463100.1	3773321	NonCancer	0.00E+00	5.58E-08	0.00E+00	3.94E-09	3.94E-09	1.86E-06	1.76E-04	0.00E+00	1.72E-07	0.00E+00	3.94E-09	6.37E-06	0.00E+00	0.00E+00	1.76E-04
21	ALL		463103.8	3773343	NonCancer	0.00E+00	4.15E-08	0.00E+00	2.93E-09	2.93E-09	1.38E-06	1.33E-04	0.00E+00	1.28E-07	0.00E+00	2.93E-09	4.74E-06	0.00E+00	0.00E+00	1.33E-04
22	ALL		463090.6	3773349	NonCancer	0.00E+00	3.81E-08	0.00E+00	2.69E-09	2.69E-09	1.27E-06	1.24E-04	0.00E+00	1.17E-07	0.00E+00	2.69E-09	4.34E-06	0.00E+00	0.00E+00	1.24E-04
23	ALL		463077.3	3773355	NonCancer	0.00E+00	3.50E-08	0.00E+00	2.47E-09	2.47E-09	1.17E-06	1.16E-04	0.00E+00	1.08E-07	0.00E+00	2.47E-09	3.99E-06	0.00E+00	0.00E+00	1.16E-04
24	ALL		463064.1	3773361	NonCancer	0.00E+00	3.21E-08	0.00E+00	2.27E-09	2.27E-09	1.07E-06	1.08E-04	0.00E+00	9.89E-08	0.00E+00	2.27E-09	3.67E-06	0.00E+00	0.00E+00	1.08E-04
25	ALL		463050.8	3773367	NonCancer	0.00E+00	2.95E-08	0.00E+00	2.09E-09	2.09E-09	9.85E-07	1.01E-04	0.00E+00	9.09E-08	0.00E+00	2.09E-09	3.37E-06	0.00E+00	0.00E+00	1.01E-04
26	ALL		463115.2	3773334	NonCancer	0.00E+00	4.66E-08	0.00E+00	3.30E-09	3.30E-09	1.56E-06	1.47E-04	0.00E+00	1.44E-07	0.00E+00	3.30E-09	5.32E-06	0.00E+00	0.00E+00	1.47E-04
27	ALL		463119.2	3773356	NonCancer	0.00E+00	3.64E-08	0.00E+00	2.57E-09	2.57E-09	1.21E-06	1.16E-04	0.00E+00	1.12E-07	0.00E+00	2.57E-09	4.15E-06	0.00E+00	0.00E+00	1.16E-04
28	ALL		463106.5	3773362	NonCancer	0.00E+00	3.38E-08	0.00E+00	2.39E-09	2.39E-09	1.13E-06	1.09E-04	0.00E+00	1.04E-07	0.00E+00	2.39E-09	3.86E-06	0.00E+00	0.00E+00	1.09E-04
29	ALL		463093.7	3773367	NonCancer	0.00E+00	3.14E-08	0.00E+00	2.22E-09	2.22E-09	1.05E-06	1.03E-04	0.00E+00	9.68E-08	0.00E+00	2.22E-09	3.59E-06	0.00E+00	0.00E+00	1.03E-04
30	ALL		463081	3773373	NonCancer	0.00E+00	2.93E-08	0.00E+00	2.07E-09	2.07E-09	9.76E-07	9.70E-05	0.00E+00	9.01E-08	0.00E+00	2.07E-09	3.34E-06	0.00E+00	0.00E+00	9.70E-05
31	ALL		463068.2	3773379	NonCancer	0.00E+00	2.73E-08	0.00E+00	1.93E-09	1.93E-09	9.09E-07	9.14E-05	0.00E+00	8.39E-08	0.00E+00	1.93E-09	3.11E-06	0.00E+00	0.00E+00	9.14E-05
32	ALL		463055.4	3773385	NonCancer	0.00E+00	2.54E-08	0.00E+00	1.80E-09	1.80E-09	8.48E-07	8.61E-05	0.00E+00	7.82E-08	0.00E+00	1.80E-09	2.90E-06	0.00E+00	0.00E+00	8.61E-05
33	ALL		463042.7	3773391	NonCancer	0.00E+00	2.37E-08	0.00E+00	1.68E-09	1.68E-09	7.90E-07	8.11E-05	0.00E+00	7.30E-08	0.00E+00	1.68E-09	2.71E-06	0.00E+00	0.00E+00	8.11E-05
34	ALL		463130.4	3773347	NonCancer	0.00E+00	4.02E-08	0.00E+00	2.84E-09	2.84E-09	1.34E-06	1.26E-04	0.00E+00	1.24E-07	0.00E+00	2.84E-09	4.59E-06	0.00E+00	0.00E+00	1.26E-04
35	ALL		463134.3	3773369	NonCancer	0.00E+00	3.24E-08	0.00E+00	2.29E-09	2.29E-09	1.08E-06	1.02E-04	0.00E+00	9.98E-08	0.00E+00	2.29E-09	3.70E-06	0.00E+00	0.00E+00	1.02E-04
36	ALL		463121.3	3773375	NonCancer	0.00E+00	3.03E-08	0.00E+00	2.14E-09	2.14E-09	1.01E-06	9.69E-05	0.00E+00	9.33E-08	0.00E+00	2.14E-09	3.46E-06	0.00E+00	0.00E+00	9.69E-05
37	ALL		463108.3	3773381	NonCancer	0.00E+00	2.84E-08	0.00E+00	2.00E-09	2.00E-09	9.46E-07	9.18E-05	0.00E+00	8.73E-08	0.00E+00	2.00E-09	3.24E-06	0.00E+00	0.00E+00	9.18E-05
38	ALL		463095.3	3773387	NonCancer	0.00E+00	2.66E-08	0.00E+00	1.88E-09	1.88E-09	8.86E-07	8.70E-05	0.00E+00	8.18E-08	0.00E+00	1.88E-09	3.03E-06	0.00E+00	0.00E+00	8.70E-05
39	ALL		463082.3	3773393	NonCancer	0.00E+00	2.49E-08	0.00E+00	1.76E-09	1.76E-09	8.32E-07	8.25E-05	0.00E+00	7.68E-08	0.00E+00	1.76E-09	2.85E-06	0.00E+00	0.00E+00	8.25E-05
40	ALL		463069.3	3773399	NonCancer	0.00E+00	2.34E-08	0.00E+00	1.66E-09	1.66E-09	7.81E-07	7.83E-05	0.00E+00	7.21E-08	0.00E+00	1.66E-09	2.67E-06	0.00E+00	0.00E+00	7.83E-05
41	ALL		463056.4	3773405	NonCancer	0.00E+00	2.20E-08	0.00E+00	1.55E-09	1.55E-09	7.34E-07	7.42E-05	0.00E+00	6.77E-08	0.00E+00	1.55E-09	2.51E-06	0.00E+00	0.00E+00	7.42E-05
42	ALL		463043.4	3773411	NonCancer	0.00E+00	2.07E-08	0.00E+00	1.46E-09	1.46E-09	6.89E-07	7.03E-05	0.00E+00	6.36E-08	0.00E+00	1.46E-09	2.36E-06	0.00E+00	0.00E+00	7.03E-05
43	ALL		463145.5	3773360	NonCancer	0.00E+00	3.55E-08	0.00E+00	2.51E-09	2.51E-09	1.18E-06	1.10E-04	0.00E+00	1.09E-07	0.00E+00	2.51E-09	4.05E-06	0.00E+00	0.00E+00	1.10E-04
44	ALL		463149.3	3773382	NonCancer	0.00E+00	2.94E-08	0.00E+00	2.07E-09	2.07E-09	9.79E-07	9.19E-05	0.00E+00	9.04E-08	0.00E+00	2.07E-09	3.35E-06	0.00E+00	0.00E+00	9.19E-05
45	ALL		463136.1	3773388	NonCancer	0.00E+00	2.76E-08	0.00E+00	1.95E-09	1.95E-09	9.21E-07	8.74E-05	0.00E+00	8.50E-08	0.00E+00	1.95E-09	3.15E-06	0.00E+00	0.00E+00	8.74E-05
46	ALL		463123	3773394	NonCancer	0.00E+00	2.60E-08	0.00E+00	1.84E-09	1.84E-09	8.67E-07	8.32E-05	0.00E+00	8.00E-08	0.00E+00	1.84E-09	2.97E-06	0.00E+00	0.00E+00	8.32E-05
47	ALL		463109.8	3773400	NonCancer	0.00E+00	2.45E-08	0.00E+00	1.73E-09	1.73E-09	8.17E-07	7.92E-05	0.00E+00	7.54E-08	0.00E+00	1.73E-09	2.80E-06	0.00E+00	0.00E+00	7.92E-05
48	ALL		463096.6	3773406	NonCancer	0.00E+00	2.31E-08	0.00E+00	1.63E-09	1.63E-09	7.70E-07	7.55E-05	0.00E+00	7.11E-08	0.00E+00	1.63E-09	2.64E-06	0.00E+00	0.00E+00	7.55E-05
49	ALL		463083.4	3773412	NonCancer	0.00E+00	2.18E-08	0.00E+00	1.54E-09	1.54E-09	7.27E-07	7.19E-05	0.00E+00	6.71E-08	0.00E+00	1.54E-09	2.49E-06	0.00E+00	0.00E+00	7.19E-05
50	ALL		463070.3	3773418	NonCancer	0.00E+00	2.06E-08	0.00E+00	1.45E-09	1.45E-09	6.86E-07	6.84E-05	0.00E+00	6.34E-08	0.00E+00	1.45E-09	2.35E-06	0.00E+00	0.00E+00	6.84E-05
51	ALL		463057.1	3773424	NonCancer	0.00E+00	1.94E-08	0.00E+00	1.37E-09	1.37E-09	6.47E-07	6.51E-05	0.00E+00	5.98E-08	0.00E+00	1.37E-09	2.22E-06	0.00E+00	0.00E+00	6.51E-05
52	ALL		463043.9	3773430	NonCancer	0.00E+00	1.83E-08	0.00E+00	1.29E-09	1.29E-09	6.11E-07	6.18E-05	0.00E+00	5.64E-08	0.00E+00	1.29E-09	2.09E-06	0.00E+00	0.00E+00	6.18E-05

53	ALL	463160.6	3773373	NonCancer	0.00E+00	3.18E-08	0.00E+00	2.25E-09	2.25E-09	1.06E-06	9.85E-05	0.00E+00	9.81E-08	0.00E+00	2.25E-09	3.64E-06	0.00E+00	0.00E+00	9.85E-05
54	ALL	463164.6	3773395	NonCancer	0.00E+00	2.70E-08	0.00E+00	1.91E-09	1.91E-09	9.02E-07	8.39E-05	0.00E+00	8.33E-08	0.00E+00	1.91E-09	3.09E-06	0.00E+00	0.00E+00	8.39E-05
55	ALL	463151.8	3773401	NonCancer	0.00E+00	2.56E-08	0.00E+00	1.81E-09	1.81E-09	8.54E-07	8.03E-05	0.00E+00	7.88E-08	0.00E+00	1.81E-09	2.92E-06	0.00E+00	0.00E+00	8.03E-05
56	ALL	463139	3773407	NonCancer	0.00E+00	2.42E-08	0.00E+00	1.71E-09	1.71E-09	8.09E-07	7.67E-05	0.00E+00	7.46E-08	0.00E+00	1.71E-09	2.77E-06	0.00E+00	0.00E+00	7.67E-05
57	ALL	463126.2	3773413	NonCancer	0.00E+00	2.30E-08	0.00E+00	1.62E-09	1.62E-09	7.66E-07	7.34E-05	0.00E+00	7.08E-08	0.00E+00	1.62E-09	2.62E-06	0.00E+00	0.00E+00	7.34E-05
58	ALL	463113.4	3773418	NonCancer	0.00E+00	2.18E-08	0.00E+00	1.54E-09	1.54E-09	7.27E-07	7.02E-05	0.00E+00	6.71E-08	0.00E+00	1.54E-09	2.49E-06	0.00E+00	0.00E+00	7.02E-05
59	ALL	463100.5	3773424	NonCancer	0.00E+00	2.07E-08	0.00E+00	1.46E-09	1.46E-09	6.90E-07	6.72E-05	0.00E+00	6.37E-08	0.00E+00	1.46E-09	2.36E-06	0.00E+00	0.00E+00	6.72E-05
60	ALL	463087.7	3773430	NonCancer	0.00E+00	1.96E-08	0.00E+00	1.39E-09	1.39E-09	6.55E-07	6.43E-05	0.00E+00	6.04E-08	0.00E+00	1.39E-09	2.24E-06	0.00E+00	0.00E+00	6.43E-05
61	ALL	463074.9	3773436	NonCancer	0.00E+00	1.86E-08	0.00E+00	1.32E-09	1.32E-09	6.21E-07	6.14E-05	0.00E+00	5.74E-08	0.00E+00	1.32E-09	2.13E-06	0.00E+00	0.00E+00	6.14E-05
62	ALL	463062.1	3773442	NonCancer	0.00E+00	1.77E-08	0.00E+00	1.25E-09	1.25E-09	5.90E-07	5.87E-05	0.00E+00	5.45E-08	0.00E+00	1.25E-09	2.02E-06	0.00E+00	0.00E+00	5.87E-05
63	ALL	463049.3	3773448	NonCancer	0.00E+00	1.68E-08	0.00E+00	1.19E-09	1.19E-09	5.60E-07	5.61E-05	0.00E+00	5.17E-08	0.00E+00	1.19E-09	1.92E-06	0.00E+00	0.00E+00	5.61E-05
64	ALL	463175.8	3773387	NonCancer	0.00E+00	2.91E-08	0.00E+00	2.05E-09	2.05E-09	9.70E-07	8.93E-05	0.00E+00	8.95E-08	0.00E+00	2.05E-09	3.32E-06	0.00E+00	0.00E+00	8.93E-05
65	ALL	463179.7	3773408	NonCancer	0.00E+00	2.52E-08	0.00E+00	1.78E-09	1.78E-09	8.41E-07	7.76E-05	0.00E+00	7.77E-08	0.00E+00	1.78E-09	2.88E-06	0.00E+00	0.00E+00	7.76E-05
66	ALL	463166.7	3773414	NonCancer	0.00E+00	2.39E-08	0.00E+00	1.69E-09	1.69E-09	7.98E-07	7.43E-05	0.00E+00	7.37E-08	0.00E+00	1.69E-09	2.73E-06	0.00E+00	0.00E+00	7.43E-05
67	ALL	463153.7	3773420	NonCancer	0.00E+00	2.27E-08	0.00E+00	1.61E-09	1.61E-09	7.58E-07	7.12E-05	0.00E+00	7.00E-08	0.00E+00	1.61E-09	2.59E-06	0.00E+00	0.00E+00	7.12E-05
68	ALL	463140.7	3773426	NonCancer	0.00E+00	2.16E-08	0.00E+00	1.52E-09	1.52E-09	7.20E-07	6.82E-05	0.00E+00	6.64E-08	0.00E+00	1.52E-09	2.46E-06	0.00E+00	0.00E+00	6.82E-05
69	ALL	463127.8	3773432	NonCancer	0.00E+00	2.05E-08	0.00E+00	1.45E-09	1.45E-09	6.84E-07	6.53E-05	0.00E+00	6.31E-08	0.00E+00	1.45E-09	2.34E-06	0.00E+00	0.00E+00	6.53E-05
70	ALL	463114.8	3773438	NonCancer	0.00E+00	1.95E-08	0.00E+00	1.38E-09	1.38E-09	6.51E-07	6.26E-05	0.00E+00	6.01E-08	0.00E+00	1.38E-09	2.23E-06	0.00E+00	0.00E+00	6.26E-05
71	ALL	463101.8	3773444	NonCancer	0.00E+00	1.86E-08	0.00E+00	1.31E-09	1.31E-09	6.19E-07	6.00E-05	0.00E+00	5.72E-08	0.00E+00	1.31E-09	2.12E-06	0.00E+00	0.00E+00	6.00E-05
72	ALL	463088.8	3773450	NonCancer	0.00E+00	1.77E-08	0.00E+00	1.25E-09	1.25E-09	5.90E-07	5.76E-05	0.00E+00	5.45E-08	0.00E+00	1.25E-09	2.02E-06	0.00E+00	0.00E+00	5.76E-05
73	ALL	463075.8	3773456	NonCancer	0.00E+00	1.69E-08	0.00E+00	1.19E-09	1.19E-09	5.62E-07	5.52E-05	0.00E+00	5.19E-08	0.00E+00	1.19E-09	1.92E-06	0.00E+00	0.00E+00	5.52E-05
74	ALL	463190.9	3773400	NonCancer	0.00E+00	2.70E-08	0.00E+00	1.91E-09	1.91E-09	8.99E-07	8.22E-05	0.00E+00	8.30E-08	0.00E+00	1.91E-09	3.08E-06	0.00E+00	0.00E+00	8.22E-05
75	ALL	463194.8	3773421	NonCancer	0.00E+00	2.38E-08	0.00E+00	1.68E-09	1.68E-09	7.94E-07	7.25E-05	0.00E+00	7.33E-08	0.00E+00	1.68E-09	2.72E-06	0.00E+00	0.00E+00	7.25E-05
76	ALL	463181.6	3773427	NonCancer	0.00E+00	2.26E-08	0.00E+00	1.60E-09	1.60E-09	7.54E-07	6.95E-05	0.00E+00	6.96E-08	0.00E+00	1.60E-09	2.58E-06	0.00E+00	0.00E+00	6.95E-05
77	ALL	463168.5	3773433	NonCancer	0.00E+00	2.15E-08	0.00E+00	1.52E-09	1.52E-09	7.17E-07	6.66E-05	0.00E+00	6.62E-08	0.00E+00	1.52E-09	2.45E-06	0.00E+00	0.00E+00	6.66E-05
78	ALL	463155.4	3773439	NonCancer	0.00E+00	2.05E-08	0.00E+00	1.45E-09	1.45E-09	6.82E-07	6.39E-05	0.00E+00	6.30E-08	0.00E+00	1.45E-09	2.33E-06	0.00E+00	0.00E+00	6.39E-05
79	ALL	463142.3	3773445	NonCancer	0.00E+00	1.95E-08	0.00E+00	1.38E-09	1.38E-09	6.50E-07	6.13E-05	0.00E+00	6.00E-08	0.00E+00	1.38E-09	2.22E-06	0.00E+00	0.00E+00	6.13E-05
80	ALL	463129.1	3773451	NonCancer	0.00E+00	1.86E-08	0.00E+00	1.31E-09	1.31E-09	6.19E-07	5.89E-05	0.00E+00	5.72E-08	0.00E+00	1.31E-09	2.12E-06	0.00E+00	0.00E+00	5.89E-05
81	ALL	463116	3773457	NonCancer	0.00E+00	1.77E-08	0.00E+00	1.25E-09	1.25E-09	5.91E-07	5.66E-05	0.00E+00	5.46E-08	0.00E+00	1.25E-09	2.02E-06	0.00E+00	0.00E+00	5.66E-05
82	ALL	463206.1	3773413	NonCancer	0.00E+00	2.54E-08	0.00E+00	1.79E-09	1.79E-09	8.46E-07	7.66E-05	0.00E+00	7.81E-08	0.00E+00	1.79E-09	2.90E-06	0.00E+00	0.00E+00	7.66E-05
83	ALL	463209.8	3773434	NonCancer	0.00E+00	2.27E-08	0.00E+00	1.61E-09	1.61E-09	7.58E-07	6.86E-05	0.00E+00	7.00E-08	0.00E+00	1.61E-09	2.59E-06	0.00E+00	0.00E+00	6.86E-05
84	ALL	463196.6	3773440	NonCancer	0.00E+00	2.16E-08	0.00E+00	1.53E-09	1.53E-09	7.20E-07	6.57E-05	0.00E+00	6.65E-08	0.00E+00	1.53E-09	2.47E-06	0.00E+00	0.00E+00	6.57E-05
85	ALL	463183.3	3773446	NonCancer	0.00E+00	2.06E-08	0.00E+00	1.45E-09	1.45E-09	6.86E-07	6.30E-05	0.00E+00	6.33E-08	0.00E+00	1.45E-09	2.35E-06	0.00E+00	0.00E+00	6.30E-05
86	ALL	463170.1	3773452	NonCancer	0.00E+00	1.96E-08	0.00E+00	1.38E-09	1.38E-09	6.53E-07	6.05E-05	0.00E+00	6.03E-08	0.00E+00	1.38E-09	2.24E-06	0.00E+00	0.00E+00	6.05E-05
87	ALL	463156.8	3773459	NonCancer	0.00E+00	1.87E-08	0.00E+00	1.32E-09	1.32E-09	6.23E-07	5.81E-05	0.00E+00	5.75E-08	0.00E+00	1.32E-09	2.13E-06	0.00E+00	0.00E+00	5.81E-05
88	ALL	463221.2	3773426	NonCancer	0.00E+00	2.42E-08	0.00E+00	1.71E-09	1.71E-09	8.06E-07	7.23E-05	0.00E+00	7.44E-08	0.00E+00	1.71E-09	2.76E-06	0.00E+00	0.00E+00	7.23E-05
89	ALL	463225.1	3773447	NonCancer	0.00E+00	2.20E-08	0.00E+00	1.55E-09	1.55E-09	7.33E-07	6.56E-05	0.00E+00	6.77E-08	0.00E+00	1.55E-09	2.51E-06	0.00E+00	0.00E+00	6.56E-05
90	ALL	463212.1	3773453	NonCancer	0.00E+00	2.09E-08	0.00E+00	1.48E-09	1.48E-09	6.98E-07	6.29E-05	0.00E+00	6.44E-08	0.00E+00	1.48E-09	2.39E-06	0.00E+00	0.00E+00	6.29E-05
91	ALL	463199.2	3773459	NonCancer	0.00E+00	2.00E-08	0.00E+00	1.41E-09	1.41E-09	6.65E-07	6.04E-05	0.00E+00	6.14E-08	0.00E+00	1.41E-09	2.28E-06	0.00E+00	0.00E+00	6.04E-05
92	ALL	463236.4	3773439	NonCancer	0.00E+00	2.33E-08	0.00E+00	1.65E-09	1.65E-09	7.78E-07	6.91E-05	0.00E+00	7.18E-08	0.00E+00	1.65E-09	2.66E-06	0.00E+00	0.00E+00	6.91E-05
93	ALL	463259.1	3773458	NonCancer	0.00E+00	2.27E-08	0.00E+00	1.61E-09	1.61E-09	7.58E-07	6.62E-05	0.00E+00	7.00E-08	0.00E+00	1.61E-09	2.60E-06	0.00E+00	0.00E+00	6.62E-05
94	ALL	463037.2	3773873	NonCancer	0.00E+00	5.77E-09	0.00E+00	4.07E-10	4.07E-10	1.92E-07	1.66E-05	0.00E+00	1.78E-08	0.00E+00	4.07E-10	6.58E-07	0.00E+00	0.00E+00	1.66E-05
95	ALL	463129.9	3773871	NonCancer	0.00E+00	7.45E-09	0.00E+00	5.26E-10	5.26E-10	2.48E-07	2.08E-05	0.00E+00	2.29E-08	0.00E+00	5.26E-10	8.50E-07	0.00E+00	0.00E+00	2.08E-05
96	ALL	463116.7	3773877	NonCancer	0.00E+00	7.10E-09	0.00E+00	5.01E-10	5.01E-10	2.37E-07	1.99E-05	0.00E+00	2.18E-08	0.00E+00	5.01E-10	8.10E-07	0.00E+00	0.00E+00	1.99E-05
97	ALL	463103.5	3773883	NonCancer	0.00E+00	6.77E-09	0.00E+00	4.78E-10	4.78E-10	2.26E-07	1.91E-05	0.00E+00	2.08E-08	0.00E+00	4.78E-10	7.73E-07	0.00E+00	0.00E+00	1.91E-05
98	ALL	463090.3	3773889	NonCancer	0.00E+00	6.47E-09	0.00E+00	4.57E-10	4.57E-10	2.16E-07	1.83E-05	0.00E+00	1.99E-08	0.00E+00	4.57E-10	7.39E-07	0.00E+00	0.00E+00	1.83E-05
99	ALL	463077	3773895	NonCancer	0.00E+00	6.19E-09	0.00E+00	4.37E-10	4.37E-10	2.06E-07	1.75E-05	0.00E+00	1.91E-08	0.00E+00	4.37E-10	7.06E-07	0.00E+00	0.00E+00	1.75E-05
100	ALL	463063.8	3773901	NonCancer	0.00E+00	5.94E-09	0.00E+00	4.20E-10	4.20E-10	1.98E-07	1.69E-05	0.00E+00	1.83E-08	0.00E+00	4.20E-10	6.78E-07	0.00E+00	0.00E+00	1.69E-05
101	ALL	463050.6	3773907	NonCancer	0.00E+00	5.71E-09	0.00E+00	4.04E-10	4.04E-10	1.91E-07	1.63E-05	0.00E+00	1.76E-08	0.00E+00	4.04E-10	6.52E-07	0.00E+00	0.00E+00	1.63E-05
102	ALL	463037.4	3773913	NonCancer	0.00E+00	5.50E-09	0.00E+00	3.89E-10	3.89E-10	1.83E-07	1.57E-05	0.00E+00	1.69E-08	0.00E+00	3.89E-10	6.28E-07	0.00E+00	0.00E+00	1.57E-05
103	ALL	463214.6	3773872	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.11E-10	7.11E-10	3.36E-07	2.72E-05	0.00E+00	3.10E-08	0.00E+00	7.11E-10	1.15E-06	0.00E+00	0.00E+00	2.72E-05
104	ALL	463201.5	3773878	NonCancer	0.00E+00	9.48E-09	0.00E+00	6.70E-10	6.70E-10	3.16E-07	2.58E-05	0.00E+00	2.92E-08	0.00E+00	6.70E-10	1.08E-06	0.00E+00	0.00E+00	2.58E-05
105	ALL	463188.4	3773884	NonCancer	0.00E+00	8.92E-09	0.00E+00	6.30E-10	6.30E-10	2.98E-07	2.43E-05	0.00E+00	2.75E-08	0.00E+00	6.30E-10	1.02E-06	0.00E+00	0.00E+00	2.43E-05
106	ALL	463175.2	3773890	NonCancer	0.00E+00	8.41E-09	0.00E+00	5.94E-10	5.94E-10	2.81E-07	2.30E-05	0.00E+00	2.59E-08	0.00E+00	5.94E-10	9.60E-07	0.00E+00	0.00E+00	2.30E-05

107	ALL	463162.1	3773896	NonCancer	0.00E+00	7.96E-09	0.00E+00	5.63E-10	5.63E-10	2.66E-07	2.19E-05	0.00E+00	2.45E-08	0.00E+00	5.63E-10	9.09E-07	0.00E+00	0.00E+00	2.19E-05
108	ALL	463149	3773902	NonCancer	0.00E+00	7.57E-09	0.00E+00	5.35E-10	5.35E-10	2.53E-07	2.09E-05	0.00E+00	2.33E-08	0.00E+00	5.35E-10	8.64E-07	0.00E+00	0.00E+00	2.09E-05
109	ALL	463135.8	3773908	NonCancer	0.00E+00	7.22E-09	0.00E+00	5.10E-10	5.10E-10	2.41E-07	2.00E-05	0.00E+00	2.22E-08	0.00E+00	5.10E-10	8.24E-07	0.00E+00	0.00E+00	2.00E-05
110	ALL	463122.7	3773914	NonCancer	0.00E+00	6.89E-09	0.00E+00	4.87E-10	4.87E-10	2.30E-07	1.92E-05	0.00E+00	2.12E-08	0.00E+00	4.87E-10	7.86E-07	0.00E+00	0.00E+00	1.92E-05
111	ALL	463109.5	3773920	NonCancer	0.00E+00	6.58E-09	0.00E+00	4.65E-10	4.65E-10	2.20E-07	1.84E-05	0.00E+00	2.03E-08	0.00E+00	4.65E-10	7.52E-07	0.00E+00	0.00E+00	1.84E-05
112	ALL	463096.4	3773926	NonCancer	0.00E+00	6.30E-09	0.00E+00	4.45E-10	4.45E-10	2.10E-07	1.77E-05	0.00E+00	1.94E-08	0.00E+00	4.45E-10	7.19E-07	0.00E+00	0.00E+00	1.77E-05
113	ALL	463083.3	3773932	NonCancer	0.00E+00	6.02E-09	0.00E+00	4.26E-10	4.26E-10	2.01E-07	1.69E-05	0.00E+00	1.85E-08	0.00E+00	4.26E-10	6.88E-07	0.00E+00	0.00E+00	1.69E-05
114	ALL	463070.1	3773938	NonCancer	0.00E+00	5.76E-09	0.00E+00	4.07E-10	4.07E-10	1.92E-07	1.63E-05	0.00E+00	1.77E-08	0.00E+00	4.07E-10	6.58E-07	0.00E+00	0.00E+00	1.63E-05
115	ALL	463057	3773944	NonCancer	0.00E+00	5.52E-09	0.00E+00	3.90E-10	3.90E-10	1.84E-07	1.56E-05	0.00E+00	1.70E-08	0.00E+00	3.90E-10	6.30E-07	0.00E+00	0.00E+00	1.56E-05
116	ALL	463043.8	3773950	NonCancer	0.00E+00	5.29E-09	0.00E+00	3.74E-10	3.74E-10	1.76E-07	1.50E-05	0.00E+00	1.63E-08	0.00E+00	3.74E-10	6.04E-07	0.00E+00	0.00E+00	1.50E-05
117	ALL	463308.7	3773869	NonCancer	0.00E+00	1.73E-08	0.00E+00	1.22E-09	1.22E-09	5.76E-07	4.49E-05	0.00E+00	5.32E-08	0.00E+00	1.22E-09	1.97E-06	0.00E+00	0.00E+00	4.49E-05
118	ALL	463295.5	3773875	NonCancer	0.00E+00	1.56E-08	0.00E+00	1.10E-09	1.10E-09	5.20E-07	4.07E-05	0.00E+00	4.80E-08	0.00E+00	1.10E-09	1.78E-06	0.00E+00	0.00E+00	4.07E-05
119	ALL	463282.3	3773881	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.74E-07	3.73E-05	0.00E+00	4.37E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	3.73E-05
120	ALL	463269.1	3773887	NonCancer	0.00E+00	1.31E-08	0.00E+00	9.23E-10	9.23E-10	4.35E-07	3.45E-05	0.00E+00	4.02E-08	0.00E+00	9.23E-10	1.49E-06	0.00E+00	0.00E+00	3.45E-05
121	ALL	463255.8	3773893	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.53E-10	8.53E-10	4.03E-07	3.20E-05	0.00E+00	3.72E-08	0.00E+00	8.53E-10	1.38E-06	0.00E+00	0.00E+00	3.20E-05
122	ALL	463242.6	3773899	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.92E-10	7.92E-10	3.74E-07	2.99E-05	0.00E+00	3.45E-08	0.00E+00	7.92E-10	1.28E-06	0.00E+00	0.00E+00	2.99E-05
123	ALL	463229.4	3773905	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.38E-10	7.38E-10	3.48E-07	2.80E-05	0.00E+00	3.21E-08	0.00E+00	7.38E-10	1.19E-06	0.00E+00	0.00E+00	2.80E-05
124	ALL	463216.1	3773911	NonCancer	0.00E+00	9.76E-09	0.00E+00	6.90E-10	6.90E-10	3.26E-07	2.63E-05	0.00E+00	3.01E-08	0.00E+00	6.90E-10	1.11E-06	0.00E+00	0.00E+00	2.63E-05
125	ALL	463202.9	3773917	NonCancer	0.00E+00	9.15E-09	0.00E+00	6.46E-10	6.46E-10	3.05E-07	2.47E-05	0.00E+00	2.82E-08	0.00E+00	6.46E-10	1.04E-06	0.00E+00	0.00E+00	2.47E-05
126	ALL	463189.7	3773924	NonCancer	0.00E+00	8.60E-09	0.00E+00	6.08E-10	6.08E-10	2.87E-07	2.33E-05	0.00E+00	2.65E-08	0.00E+00	6.08E-10	9.82E-07	0.00E+00	0.00E+00	2.33E-05
127	ALL	463176.4	3773930	NonCancer	0.00E+00	8.12E-09	0.00E+00	5.74E-10	5.74E-10	2.71E-07	2.21E-05	0.00E+00	2.50E-08	0.00E+00	5.74E-10	9.27E-07	0.00E+00	0.00E+00	2.21E-05
128	ALL	463163.2	3773936	NonCancer	0.00E+00	7.67E-09	0.00E+00	5.42E-10	5.42E-10	2.56E-07	2.10E-05	0.00E+00	2.36E-08	0.00E+00	5.42E-10	8.76E-07	0.00E+00	0.00E+00	2.10E-05
129	ALL	463150	3773942	NonCancer	0.00E+00	7.26E-09	0.00E+00	5.13E-10	5.13E-10	2.42E-07	1.99E-05	0.00E+00	2.24E-08	0.00E+00	5.13E-10	8.29E-07	0.00E+00	0.00E+00	1.99E-05
130	ALL	463136.7	3773948	NonCancer	0.00E+00	6.89E-09	0.00E+00	4.87E-10	4.87E-10	2.30E-07	1.90E-05	0.00E+00	2.12E-08	0.00E+00	4.87E-10	7.87E-07	0.00E+00	0.00E+00	1.90E-05
131	ALL	463123.5	3773954	NonCancer	0.00E+00	6.55E-09	0.00E+00	4.63E-10	4.63E-10	2.18E-07	1.81E-05	0.00E+00	2.02E-08	0.00E+00	4.63E-10	7.47E-07	0.00E+00	0.00E+00	1.81E-05
132	ALL	463110.3	3773960	NonCancer	0.00E+00	6.24E-09	0.00E+00	4.41E-10	4.41E-10	2.08E-07	1.73E-05	0.00E+00	1.92E-08	0.00E+00	4.41E-10	7.12E-07	0.00E+00	0.00E+00	1.73E-05
133	ALL	463097	3773966	NonCancer	0.00E+00	5.97E-09	0.00E+00	4.22E-10	4.22E-10	1.99E-07	1.66E-05	0.00E+00	1.84E-08	0.00E+00	4.22E-10	6.81E-07	0.00E+00	0.00E+00	1.66E-05
134	ALL	463083.8	3773972	NonCancer	0.00E+00	5.71E-09	0.00E+00	4.04E-10	4.04E-10	1.90E-07	1.60E-05	0.00E+00	1.76E-08	0.00E+00	4.04E-10	6.52E-07	0.00E+00	0.00E+00	1.60E-05
135	ALL	463070.6	3773978	NonCancer	0.00E+00	5.47E-09	0.00E+00	3.87E-10	3.87E-10	1.83E-07	1.53E-05	0.00E+00	1.69E-08	0.00E+00	3.87E-10	6.25E-07	0.00E+00	0.00E+00	1.53E-05
136	ALL	463057.4	3773984	NonCancer	0.00E+00	5.25E-09	0.00E+00	3.71E-10	3.71E-10	1.75E-07	1.48E-05	0.00E+00	1.62E-08	0.00E+00	3.71E-10	6.00E-07	0.00E+00	0.00E+00	1.48E-05
137	ALL	463044.1	3773990	NonCancer	0.00E+00	5.04E-09	0.00E+00	3.56E-10	3.56E-10	1.68E-07	1.42E-05	0.00E+00	1.55E-08	0.00E+00	3.56E-10	5.75E-07	0.00E+00	0.00E+00	1.42E-05
138	ALL	463393	3773870	NonCancer	0.00E+00	6.06E-08	0.00E+00	4.28E-09	4.28E-09	2.02E-06	1.47E-04	0.00E+00	1.87E-07	0.00E+00	4.28E-09	6.92E-06	0.00E+00	0.00E+00	1.47E-04
139	ALL	463379.8	3773876	NonCancer	0.00E+00	4.25E-08	0.00E+00	3.00E-09	3.00E-09	1.42E-06	1.05E-04	0.00E+00	1.31E-07	0.00E+00	3.00E-09	4.85E-06	0.00E+00	0.00E+00	1.05E-04
140	ALL	463366.6	3773882	NonCancer	0.00E+00	3.29E-08	0.00E+00	2.33E-09	2.33E-09	1.10E-06	8.24E-05	0.00E+00	1.01E-07	0.00E+00	2.33E-09	3.76E-06	0.00E+00	0.00E+00	8.24E-05
141	ALL	463353.4	3773888	NonCancer	0.00E+00	2.70E-08	0.00E+00	1.91E-09	1.91E-09	9.00E-07	6.82E-05	0.00E+00	8.31E-08	0.00E+00	1.91E-09	3.08E-06	0.00E+00	0.00E+00	6.82E-05
142	ALL	463340.3	3773895	NonCancer	0.00E+00	2.29E-08	0.00E+00	1.62E-09	1.62E-09	7.64E-07	5.83E-05	0.00E+00	7.05E-08	0.00E+00	1.62E-09	2.62E-06	0.00E+00	0.00E+00	5.83E-05
143	ALL	463327.1	3773901	NonCancer	0.00E+00	1.99E-08	0.00E+00	1.41E-09	1.41E-09	6.65E-07	5.11E-05	0.00E+00	6.14E-08	0.00E+00	1.41E-09	2.28E-06	0.00E+00	0.00E+00	5.11E-05
144	ALL	463313.9	3773907	NonCancer	0.00E+00	1.77E-08	0.00E+00	1.25E-09	1.25E-09	5.89E-07	4.55E-05	0.00E+00	5.44E-08	0.00E+00	1.25E-09	2.02E-06	0.00E+00	0.00E+00	4.55E-05
145	ALL	463300.8	3773913	NonCancer	0.00E+00	1.58E-08	0.00E+00	1.12E-09	1.12E-09	5.27E-07	4.10E-05	0.00E+00	4.87E-08	0.00E+00	1.12E-09	1.81E-06	0.00E+00	0.00E+00	4.10E-05
146	ALL	463287.6	3773919	NonCancer	0.00E+00	1.43E-08	0.00E+00	1.01E-09	1.01E-09	4.77E-07	3.73E-05	0.00E+00	4.41E-08	0.00E+00	1.01E-09	1.63E-06	0.00E+00	0.00E+00	3.73E-05
147	ALL	463274.4	3773925	NonCancer	0.00E+00	1.31E-08	0.00E+00	9.23E-10	9.23E-10	4.36E-07	3.42E-05	0.00E+00	4.02E-08	0.00E+00	9.23E-10	1.49E-06	0.00E+00	0.00E+00	3.42E-05
148	ALL	463261.3	3773931	NonCancer	0.00E+00	1.20E-08	0.00E+00	8.49E-10	8.49E-10	4.01E-07	3.17E-05	0.00E+00	3.70E-08	0.00E+00	8.49E-10	1.37E-06	0.00E+00	0.00E+00	3.17E-05
149	ALL	463248.1	3773937	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.86E-10	7.86E-10	3.71E-07	2.94E-05	0.00E+00	3.42E-08	0.00E+00	7.86E-10	1.27E-06	0.00E+00	0.00E+00	2.94E-05
150	ALL	463234.9	3773943	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.31E-10	7.31E-10	3.45E-07	2.75E-05	0.00E+00	3.18E-08	0.00E+00	7.31E-10	1.18E-06	0.00E+00	0.00E+00	2.75E-05
151	ALL	463221.7	3773949	NonCancer	0.00E+00	9.66E-09	0.00E+00	6.82E-10	6.82E-10	3.22E-07	2.58E-05	0.00E+00	2.97E-08	0.00E+00	6.82E-10	1.10E-06	0.00E+00	0.00E+00	2.58E-05
152	ALL	463208.6	3773955	NonCancer	0.00E+00	9.05E-09	0.00E+00	6.39E-10	6.39E-10	3.02E-07	2.43E-05	0.00E+00	2.79E-08	0.00E+00	6.39E-10	1.03E-06	0.00E+00	0.00E+00	2.43E-05
153	ALL	463195.4	3773961	NonCancer	0.00E+00	8.46E-09	0.00E+00	5.98E-10	5.98E-10	2.82E-07	2.28E-05	0.00E+00	2.60E-08	0.00E+00	5.98E-10	9.65E-07	0.00E+00	0.00E+00	2.28E-05
154	ALL	463182.2	3773967	NonCancer	0.00E+00	7.94E-09	0.00E+00	5.61E-10	5.61E-10	2.65E-07	2.15E-05	0.00E+00	2.44E-08	0.00E+00	5.61E-10	9.06E-07	0.00E+00	0.00E+00	2.15E-05
155	ALL	463169.1	3773973	NonCancer	0.00E+00	7.49E-09	0.00E+00	5.29E-10	5.29E-10	2.50E-07	2.03E-05	0.00E+00	2.31E-08	0.00E+00	5.29E-10	8.55E-07	0.00E+00	0.00E+00	2.03E-05
156	ALL	463155.9	3773979	NonCancer	0.00E+00	7.10E-09	0.00E+00	5.02E-10	5.02E-10	2.37E-07	1.93E-05	0.00E+00	2.19E-08	0.00E+00	5.02E-10	8.10E-07	0.00E+00	0.00E+00	1.93E-05
157	ALL	463142.7	3773985	NonCancer	0.00E+00	6.74E-09	0.00E+00	4.76E-10	4.76E-10	2.25E-07	1.84E-05	0.00E+00	2.07E-08	0.00E+00	4.76E-10	7.69E-07	0.00E+00	0.00E+00	1.84E-05
158	ALL	463129.5	3773991	NonCancer	0.00E+00	6.40E-09	0.00E+00	4.52E-10	4.52E-10	2.13E-07	1.76E-05	0.00E+00	1.97E-08	0.00E+00	4.52E-10	7.30E-07	0.00E+00	0.00E+00	1.76E-05
159	ALL	463116.4	3773997	NonCancer	0.00E+00	6.07E-09	0.00E+00	4.29E-10	4.29E-10	2.03E-07	1.67E-05	0.00E+00	1.87E-08	0.00E+00	4.29E-10	6.93E-07	0.00E+00	0.00E+00	1.67E-05
160	ALL	463103.2	3774003	NonCancer	0.00E+00	5.78E-09	0.00E+00	4.08E-10	4.08E-10	1.93E-07	1.60E-05	0.00E+00	1.78E-08	0.00E+00	4.08E-10	6.60E-07	0.00E+00	0.00E+00	1.60E-05

161	ALL	463090	3774009	NonCancer	0.00E+00	5.51E-09	0.00E+00	3.89E-10	3.89E-10	1.84E-07	1.53E-05	0.00E+00	1.70E-08	0.00E+00	3.89E-10	6.29E-07	0.00E+00	0.00E+00	1.53E-05
162	ALL	463076.9	3774015	NonCancer	0.00E+00	5.26E-09	0.00E+00	3.71E-10	3.71E-10	1.75E-07	1.46E-05	0.00E+00	1.62E-08	0.00E+00	3.71E-10	6.00E-07	0.00E+00	0.00E+00	1.46E-05
163	ALL	463063.7	3774021	NonCancer	0.00E+00	5.03E-09	0.00E+00	3.56E-10	3.56E-10	1.68E-07	1.41E-05	0.00E+00	1.55E-08	0.00E+00	3.56E-10	5.75E-07	0.00E+00	0.00E+00	1.41E-05
164	ALL	463050.5	3774027	NonCancer	0.00E+00	4.83E-09	0.00E+00	3.42E-10	3.42E-10	1.61E-07	1.35E-05	0.00E+00	1.49E-08	0.00E+00	3.42E-10	5.52E-07	0.00E+00	0.00E+00	1.35E-05
165	ALL	463408.6	3773903	NonCancer	0.00E+00	1.35E-07	0.00E+00	9.52E-09	9.52E-09	4.50E-06	3.09E-04	0.00E+00	4.15E-07	0.00E+00	9.52E-09	1.54E-05	0.00E+00	0.00E+00	3.09E-04
166	ALL	463395.4	3773909	NonCancer	0.00E+00	6.63E-08	0.00E+00	4.68E-09	4.68E-09	2.21E-06	1.59E-04	0.00E+00	2.04E-07	0.00E+00	4.68E-09	7.56E-06	0.00E+00	0.00E+00	1.59E-04
167	ALL	463382.1	3773915	NonCancer	0.00E+00	4.47E-08	0.00E+00	3.16E-09	3.16E-09	1.49E-06	1.10E-04	0.00E+00	1.38E-07	0.00E+00	3.16E-09	5.11E-06	0.00E+00	0.00E+00	1.10E-04
168	ALL	463368.9	3773921	NonCancer	0.00E+00	3.40E-08	0.00E+00	2.40E-09	2.40E-09	1.13E-06	8.46E-05	0.00E+00	1.05E-07	0.00E+00	2.40E-09	3.88E-06	0.00E+00	0.00E+00	8.46E-05
169	ALL	463355.6	3773927	NonCancer	0.00E+00	2.75E-08	0.00E+00	1.95E-09	1.95E-09	9.19E-07	6.92E-05	0.00E+00	8.48E-08	0.00E+00	1.95E-09	3.14E-06	0.00E+00	0.00E+00	6.92E-05
170	ALL	463342.4	3773934	NonCancer	0.00E+00	2.32E-08	0.00E+00	1.64E-09	1.64E-09	7.73E-07	5.87E-05	0.00E+00	7.13E-08	0.00E+00	1.64E-09	2.64E-06	0.00E+00	0.00E+00	5.87E-05
171	ALL	463329.1	3773940	NonCancer	0.00E+00	2.00E-08	0.00E+00	1.41E-09	1.41E-09	6.67E-07	5.10E-05	0.00E+00	6.16E-08	0.00E+00	1.41E-09	2.28E-06	0.00E+00	0.00E+00	5.10E-05
172	ALL	463315.9	3773946	NonCancer	0.00E+00	1.76E-08	0.00E+00	1.24E-09	1.24E-09	5.86E-07	4.51E-05	0.00E+00	5.41E-08	0.00E+00	1.24E-09	2.01E-06	0.00E+00	0.00E+00	4.51E-05
173	ALL	463302.6	3773952	NonCancer	0.00E+00	1.57E-08	0.00E+00	1.11E-09	1.11E-09	5.23E-07	4.04E-05	0.00E+00	4.82E-08	0.00E+00	1.11E-09	1.79E-06	0.00E+00	0.00E+00	4.04E-05
174	ALL	463289.4	3773958	NonCancer	0.00E+00	1.41E-08	0.00E+00	9.99E-10	9.99E-10	4.71E-07	3.67E-05	0.00E+00	4.35E-08	0.00E+00	9.99E-10	1.61E-06	0.00E+00	0.00E+00	3.67E-05
175	ALL	463276.1	3773964	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.08E-10	9.08E-10	4.28E-07	3.35E-05	0.00E+00	3.95E-08	0.00E+00	9.08E-10	1.47E-06	0.00E+00	0.00E+00	3.35E-05
176	ALL	463262.9	3773970	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.30E-10	8.30E-10	3.92E-07	3.08E-05	0.00E+00	3.62E-08	0.00E+00	8.30E-10	1.34E-06	0.00E+00	0.00E+00	3.08E-05
177	ALL	463249.6	3773976	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.64E-10	7.64E-10	3.61E-07	2.85E-05	0.00E+00	3.33E-08	0.00E+00	7.64E-10	1.23E-06	0.00E+00	0.00E+00	2.85E-05
178	ALL	463236.4	3773982	NonCancer	0.00E+00	1.00E-08	0.00E+00	7.07E-10	7.07E-10	3.34E-07	2.65E-05	0.00E+00	3.08E-08	0.00E+00	7.07E-10	1.14E-06	0.00E+00	0.00E+00	2.65E-05
179	ALL	463223.1	3773988	NonCancer	0.00E+00	9.29E-09	0.00E+00	6.57E-10	6.57E-10	3.10E-07	2.47E-05	0.00E+00	2.86E-08	0.00E+00	6.57E-10	1.06E-06	0.00E+00	0.00E+00	2.47E-05
180	ALL	463209.8	3773994	NonCancer	0.00E+00	8.68E-09	0.00E+00	6.13E-10	6.13E-10	2.89E-07	2.32E-05	0.00E+00	2.67E-08	0.00E+00	6.13E-10	9.91E-07	0.00E+00	0.00E+00	2.32E-05
181	ALL	463196.6	3774000	NonCancer	0.00E+00	8.14E-09	0.00E+00	5.75E-10	5.75E-10	2.71E-07	2.18E-05	0.00E+00	2.51E-08	0.00E+00	5.75E-10	9.29E-07	0.00E+00	0.00E+00	2.18E-05
182	ALL	463183.3	3774006	NonCancer	0.00E+00	7.65E-09	0.00E+00	5.41E-10	5.41E-10	2.55E-07	2.06E-05	0.00E+00	2.36E-08	0.00E+00	5.41E-10	8.73E-07	0.00E+00	0.00E+00	2.06E-05
183	ALL	463170.1	3774012	NonCancer	0.00E+00	7.22E-09	0.00E+00	5.10E-10	5.10E-10	2.41E-07	1.95E-05	0.00E+00	2.22E-08	0.00E+00	5.10E-10	8.24E-07	0.00E+00	0.00E+00	1.95E-05
184	ALL	463156.8	3774019	NonCancer	0.00E+00	6.82E-09	0.00E+00	4.82E-10	4.82E-10	2.27E-07	1.85E-05	0.00E+00	2.10E-08	0.00E+00	4.82E-10	7.78E-07	0.00E+00	0.00E+00	1.85E-05
185	ALL	463143.6	3774025	NonCancer	0.00E+00	6.43E-09	0.00E+00	4.54E-10	4.54E-10	2.14E-07	1.75E-05	0.00E+00	1.98E-08	0.00E+00	4.54E-10	7.34E-07	0.00E+00	0.00E+00	1.75E-05
186	ALL	463130.3	3774031	NonCancer	0.00E+00	6.07E-09	0.00E+00	4.29E-10	4.29E-10	2.02E-07	1.66E-05	0.00E+00	1.87E-08	0.00E+00	4.29E-10	6.93E-07	0.00E+00	0.00E+00	1.66E-05
187	ALL	463117.1	3774037	NonCancer	0.00E+00	5.76E-09	0.00E+00	4.07E-10	4.07E-10	1.92E-07	1.58E-05	0.00E+00	1.77E-08	0.00E+00	4.07E-10	6.57E-07	0.00E+00	0.00E+00	1.58E-05
188	ALL	463400.3	3773947	NonCancer	0.00E+00	8.32E-08	0.00E+00	5.88E-09	5.88E-09	2.77E-06	1.96E-04	0.00E+00	2.56E-07	0.00E+00	5.88E-09	9.49E-06	0.00E+00	0.00E+00	1.96E-04
189	ALL	463387.1	3773953	NonCancer	0.00E+00	5.12E-08	0.00E+00	3.62E-09	3.62E-09	1.71E-06	1.24E-04	0.00E+00	1.58E-07	0.00E+00	3.62E-09	5.84E-06	0.00E+00	0.00E+00	1.24E-04
190	ALL	463373.9	3773959	NonCancer	0.00E+00	3.73E-08	0.00E+00	2.63E-09	2.63E-09	1.24E-06	9.18E-05	0.00E+00	1.15E-07	0.00E+00	2.63E-09	4.26E-06	0.00E+00	0.00E+00	9.18E-05
191	ALL	463360.7	3773965	NonCancer	0.00E+00	2.94E-08	0.00E+00	2.08E-09	2.08E-09	9.81E-07	7.33E-05	0.00E+00	9.06E-08	0.00E+00	2.08E-09	3.36E-06	0.00E+00	0.00E+00	7.33E-05
192	ALL	463347.5	3773971	NonCancer	0.00E+00	2.43E-08	0.00E+00	1.72E-09	1.72E-09	8.12E-07	6.12E-05	0.00E+00	7.50E-08	0.00E+00	1.72E-09	2.78E-06	0.00E+00	0.00E+00	6.12E-05
193	ALL	463334.3	3773977	NonCancer	0.00E+00	2.08E-08	0.00E+00	1.47E-09	1.47E-09	6.93E-07	5.26E-05	0.00E+00	6.39E-08	0.00E+00	1.47E-09	2.37E-06	0.00E+00	0.00E+00	5.26E-05
194	ALL	463321.1	3773983	NonCancer	0.00E+00	1.81E-08	0.00E+00	1.28E-09	1.28E-09	6.03E-07	4.61E-05	0.00E+00	5.56E-08	0.00E+00	1.28E-09	2.06E-06	0.00E+00	0.00E+00	4.61E-05
195	ALL	463308	3773989	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.13E-09	1.13E-09	5.32E-07	4.09E-05	0.00E+00	4.91E-08	0.00E+00	1.13E-09	1.82E-06	0.00E+00	0.00E+00	4.09E-05
196	ALL	463294.8	3773995	NonCancer	0.00E+00	1.43E-08	0.00E+00	1.01E-09	1.01E-09	4.75E-07	3.67E-05	0.00E+00	4.39E-08	0.00E+00	1.01E-09	1.63E-06	0.00E+00	0.00E+00	3.67E-05
197	ALL	463281.6	3774001	NonCancer	0.00E+00	1.29E-08	0.00E+00	9.11E-10	9.11E-10	4.30E-07	3.34E-05	0.00E+00	3.97E-08	0.00E+00	9.11E-10	1.47E-06	0.00E+00	0.00E+00	3.34E-05
198	ALL	463268.4	3774007	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.30E-10	8.30E-10	3.92E-07	3.06E-05	0.00E+00	3.62E-08	0.00E+00	8.30E-10	1.34E-06	0.00E+00	0.00E+00	3.06E-05
199	ALL	463255.2	3774014	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.61E-10	7.61E-10	3.59E-07	2.82E-05	0.00E+00	3.32E-08	0.00E+00	7.61E-10	1.23E-06	0.00E+00	0.00E+00	2.82E-05
200	ALL	463242	3774020	NonCancer	0.00E+00	9.93E-09	0.00E+00	7.01E-10	7.01E-10	3.31E-07	2.61E-05	0.00E+00	3.06E-08	0.00E+00	7.01E-10	1.13E-06	0.00E+00	0.00E+00	2.61E-05
201	ALL	463228.8	3774026	NonCancer	0.00E+00	9.18E-09	0.00E+00	6.49E-10	6.49E-10	3.06E-07	2.43E-05	0.00E+00	2.83E-08	0.00E+00	6.49E-10	1.05E-06	0.00E+00	0.00E+00	2.43E-05
202	ALL	463215.6	3774032	NonCancer	0.00E+00	8.52E-09	0.00E+00	6.02E-10	6.02E-10	2.84E-07	2.26E-05	0.00E+00	2.62E-08	0.00E+00	6.02E-10	9.73E-07	0.00E+00	0.00E+00	2.26E-05
203	ALL	463202.4	3774038	NonCancer	0.00E+00	7.95E-09	0.00E+00	5.61E-10	5.61E-10	2.65E-07	2.12E-05	0.00E+00	2.45E-08	0.00E+00	5.61E-10	9.07E-07	0.00E+00	0.00E+00	2.12E-05
204	ALL	463096.8	3774086	NonCancer	0.00E+00	5.01E-09	0.00E+00	3.54E-10	3.54E-10	1.67E-07	1.38E-05	0.00E+00	1.54E-08	0.00E+00	3.54E-10	5.71E-07	0.00E+00	0.00E+00	1.38E-05
205	ALL	463083.6	3774092	NonCancer	0.00E+00	4.78E-09	0.00E+00	3.38E-10	3.38E-10	1.60E-07	1.32E-05	0.00E+00	1.47E-08	0.00E+00	3.38E-10	5.46E-07	0.00E+00	0.00E+00	1.32E-05
206	ALL	463070.4	3774098	NonCancer	0.00E+00	4.58E-09	0.00E+00	3.23E-10	3.23E-10	1.53E-07	1.27E-05	0.00E+00	1.41E-08	0.00E+00	3.23E-10	5.22E-07	0.00E+00	0.00E+00	1.27E-05
207	ALL	463057.2	3774104	NonCancer	0.00E+00	4.39E-09	0.00E+00	3.10E-10	3.10E-10	1.46E-07	1.22E-05	0.00E+00	1.35E-08	0.00E+00	3.10E-10	5.01E-07	0.00E+00	0.00E+00	1.22E-05
208	ALL	463044	3774110	NonCancer	0.00E+00	4.20E-09	0.00E+00	2.97E-10	2.97E-10	1.40E-07	1.17E-05	0.00E+00	1.29E-08	0.00E+00	2.97E-10	4.80E-07	0.00E+00	0.00E+00	1.17E-05
209	ALL	463510.5	3773937	NonCancer	0.00E+00	2.21E-08	0.00E+00	1.56E-09	1.56E-09	7.37E-07	5.81E-05	0.00E+00	6.80E-08	0.00E+00	1.56E-09	2.52E-06	0.00E+00	0.00E+00	5.81E-05
210	ALL	463497.4	3773943	NonCancer	0.00E+00	2.52E-08	0.00E+00	1.78E-09	1.78E-09	8.42E-07	6.63E-05	0.00E+00	7.77E-08	0.00E+00	1.78E-09	2.88E-06	0.00E+00	0.00E+00	6.63E-05
211	ALL	463484.2	3773949	NonCancer	0.00E+00	2.96E-08	0.00E+00	2.09E-09	2.09E-09	9.86E-07	7.77E-05	0.00E+00	9.10E-08	0.00E+00	2.09E-09	3.37E-06	0.00E+00	0.00E+00	7.77E-05
212	ALL	463471.1	3773955	NonCancer	0.00E+00	3.59E-08	0.00E+00	2.54E-09	2.54E-09	1.20E-06	9.47E-05	0.00E+00	1.11E-07	0.00E+00	2.54E-09	4.10E-06	0.00E+00	0.00E+00	9.47E-05
213	ALL	463458	3773961	NonCancer	0.00E+00	4.64E-08	0.00E+00	3.28E-09	3.28E-09	1.55E-06	1.24E-04	0.00E+00	1.43E-07	0.00E+00	3.28E-09	5.30E-06	0.00E+00	0.00E+00	1.24E-04
214	ALL	463444.8	3773967	NonCancer	0.00E+00	6.77E-08	0.00E+00	4.79E-09	4.79E-09	2.26E-06	1.85E-04	0.00E+00	2.09E-07	0.00E+00	4.79E-09	7.73E-06	0.00E+00	0.00E+00	1.85E-04

215	ALL	463405.4	3773985	NonCancer	0.00E+00	1.15E-07	0.00E+00	8.12E-09	8.12E-09	3.83E-06	2.62E-04	0.00E+00	3.54E-07	0.00E+00	8.12E-09	1.31E-05	0.00E+00	0.00E+00	2.62E-04
216	ALL	463392.2	3773991	NonCancer	0.00E+00	6.07E-08	0.00E+00	4.29E-09	4.29E-09	2.03E-06	1.45E-04	0.00E+00	1.87E-07	0.00E+00	4.29E-09	6.93E-06	0.00E+00	0.00E+00	1.45E-04
217	ALL	463379.1	3773997	NonCancer	0.00E+00	4.17E-08	0.00E+00	2.95E-09	2.95E-09	1.39E-06	1.02E-04	0.00E+00	1.29E-07	0.00E+00	2.95E-09	4.76E-06	0.00E+00	0.00E+00	1.02E-04
218	ALL	463365.9	3774003	NonCancer	0.00E+00	3.19E-08	0.00E+00	2.25E-09	2.25E-09	1.06E-06	7.87E-05	0.00E+00	9.81E-08	0.00E+00	2.25E-09	3.64E-06	0.00E+00	0.00E+00	7.87E-05
219	ALL	463352.8	3774009	NonCancer	0.00E+00	2.58E-08	0.00E+00	1.82E-09	1.82E-09	8.59E-07	6.43E-05	0.00E+00	7.93E-08	0.00E+00	1.82E-09	2.94E-06	0.00E+00	0.00E+00	6.43E-05
220	ALL	463339.6	3774015	NonCancer	0.00E+00	2.16E-08	0.00E+00	1.53E-09	1.53E-09	7.21E-07	5.43E-05	0.00E+00	6.65E-08	0.00E+00	1.53E-09	2.47E-06	0.00E+00	0.00E+00	5.43E-05
221	ALL	463326.5	3774021	NonCancer	0.00E+00	1.86E-08	0.00E+00	1.31E-09	1.31E-09	6.20E-07	4.70E-05	0.00E+00	5.72E-08	0.00E+00	1.31E-09	2.12E-06	0.00E+00	0.00E+00	4.70E-05
222	ALL	463313.4	3774027	NonCancer	0.00E+00	1.63E-08	0.00E+00	1.15E-09	1.15E-09	5.42E-07	4.14E-05	0.00E+00	5.00E-08	0.00E+00	1.15E-09	1.86E-06	0.00E+00	0.00E+00	4.14E-05
223	ALL	463300.2	3774033	NonCancer	0.00E+00	1.44E-08	0.00E+00	1.02E-09	1.02E-09	4.81E-07	3.69E-05	0.00E+00	4.44E-08	0.00E+00	1.02E-09	1.64E-06	0.00E+00	0.00E+00	3.69E-05
224	ALL	463287.1	3774039	NonCancer	0.00E+00	1.29E-08	0.00E+00	9.12E-10	9.12E-10	4.31E-07	3.33E-05	0.00E+00	3.97E-08	0.00E+00	9.12E-10	1.47E-06	0.00E+00	0.00E+00	3.33E-05
225	ALL	463195	3774081	NonCancer	0.00E+00	7.24E-09	0.00E+00	5.12E-10	5.12E-10	2.42E-07	1.93E-05	0.00E+00	2.23E-08	0.00E+00	5.12E-10	8.27E-07	0.00E+00	0.00E+00	1.93E-05
226	ALL	463181.9	3774087	NonCancer	0.00E+00	6.77E-09	0.00E+00	4.79E-10	4.79E-10	2.26E-07	1.81E-05	0.00E+00	2.09E-08	0.00E+00	4.79E-10	7.73E-07	0.00E+00	0.00E+00	1.81E-05
227	ALL	463168.7	3774093	NonCancer	0.00E+00	6.36E-09	0.00E+00	4.49E-10	4.49E-10	2.12E-07	1.71E-05	0.00E+00	1.96E-08	0.00E+00	4.49E-10	7.25E-07	0.00E+00	0.00E+00	1.71E-05
228	ALL	463155.6	3774099	NonCancer	0.00E+00	5.98E-09	0.00E+00	4.23E-10	4.23E-10	1.99E-07	1.61E-05	0.00E+00	1.84E-08	0.00E+00	4.23E-10	6.83E-07	0.00E+00	0.00E+00	1.61E-05
229	ALL	463142.5	3774105	NonCancer	0.00E+00	5.64E-09	0.00E+00	3.99E-10	3.99E-10	1.88E-07	1.53E-05	0.00E+00	1.74E-08	0.00E+00	3.99E-10	6.44E-07	0.00E+00	0.00E+00	1.53E-05
230	ALL	463129.3	3774111	NonCancer	0.00E+00	5.34E-09	0.00E+00	3.77E-10	3.77E-10	1.78E-07	1.45E-05	0.00E+00	1.64E-08	0.00E+00	3.77E-10	6.09E-07	0.00E+00	0.00E+00	1.45E-05
231	ALL	463116.2	3774117	NonCancer	0.00E+00	5.05E-09	0.00E+00	3.57E-10	3.57E-10	1.69E-07	1.38E-05	0.00E+00	1.56E-08	0.00E+00	3.57E-10	5.77E-07	0.00E+00	0.00E+00	1.38E-05
232	ALL	463103	3774123	NonCancer	0.00E+00	4.80E-09	0.00E+00	3.39E-10	3.39E-10	1.60E-07	1.31E-05	0.00E+00	1.48E-08	0.00E+00	3.39E-10	5.48E-07	0.00E+00	0.00E+00	1.31E-05
233	ALL	463089.9	3774129	NonCancer	0.00E+00	4.56E-09	0.00E+00	3.22E-10	3.22E-10	1.52E-07	1.25E-05	0.00E+00	1.41E-08	0.00E+00	3.22E-10	5.21E-07	0.00E+00	0.00E+00	1.25E-05
234	ALL	463076.7	3774135	NonCancer	0.00E+00	4.35E-09	0.00E+00	3.07E-10	3.07E-10	1.45E-07	1.20E-05	0.00E+00	1.34E-08	0.00E+00	3.07E-10	4.96E-07	0.00E+00	0.00E+00	1.20E-05
235	ALL	463063.6	3774141	NonCancer	0.00E+00	4.16E-09	0.00E+00	2.94E-10	2.94E-10	1.39E-07	1.15E-05	0.00E+00	1.28E-08	0.00E+00	2.94E-10	4.75E-07	0.00E+00	0.00E+00	1.15E-05
236	ALL	463050.4	3774147	NonCancer	0.00E+00	3.99E-09	0.00E+00	2.82E-10	2.82E-10	1.33E-07	1.11E-05	0.00E+00	1.23E-08	0.00E+00	2.82E-10	4.56E-07	0.00E+00	0.00E+00	1.11E-05
237	ALL	463037.3	3774153	NonCancer	0.00E+00	3.84E-09	0.00E+00	2.71E-10	2.71E-10	1.28E-07	1.07E-05	0.00E+00	1.18E-08	0.00E+00	2.71E-10	4.38E-07	0.00E+00	0.00E+00	1.07E-05
238	ALL	463605.9	3773933	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.29E-10	8.29E-10	3.91E-07	3.16E-05	0.00E+00	3.61E-08	0.00E+00	8.29E-10	1.34E-06	0.00E+00	0.00E+00	3.16E-05
239	ALL	463592.7	3773939	NonCancer	0.00E+00	1.25E-08	0.00E+00	8.81E-10	8.81E-10	4.16E-07	3.35E-05	0.00E+00	3.84E-08	0.00E+00	8.81E-10	1.42E-06	0.00E+00	0.00E+00	3.35E-05
240	ALL	463579.4	3773945	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.42E-10	9.42E-10	4.45E-07	3.56E-05	0.00E+00	4.11E-08	0.00E+00	9.42E-10	1.52E-06	0.00E+00	0.00E+00	3.56E-05
241	ALL	463566.2	3773951	NonCancer	0.00E+00	1.43E-08	0.00E+00	1.01E-09	1.01E-09	4.78E-07	3.82E-05	0.00E+00	4.42E-08	0.00E+00	1.01E-09	1.64E-06	0.00E+00	0.00E+00	3.82E-05
242	ALL	463553	3773957	NonCancer	0.00E+00	1.55E-08	0.00E+00	1.10E-09	1.10E-09	5.18E-07	4.12E-05	0.00E+00	4.79E-08	0.00E+00	1.10E-09	1.77E-06	0.00E+00	0.00E+00	4.12E-05
243	ALL	463539.8	3773963	NonCancer	0.00E+00	1.70E-08	0.00E+00	1.20E-09	1.20E-09	5.67E-07	4.50E-05	0.00E+00	5.24E-08	0.00E+00	1.20E-09	1.94E-06	0.00E+00	0.00E+00	4.50E-05
244	ALL	463526.6	3773969	NonCancer	0.00E+00	1.88E-08	0.00E+00	1.33E-09	1.33E-09	6.27E-07	4.95E-05	0.00E+00	5.79E-08	0.00E+00	1.33E-09	2.14E-06	0.00E+00	0.00E+00	4.95E-05
245	ALL	463513.3	3773975	NonCancer	0.00E+00	2.10E-08	0.00E+00	1.49E-09	1.49E-09	7.02E-07	5.54E-05	0.00E+00	6.48E-08	0.00E+00	1.49E-09	2.40E-06	0.00E+00	0.00E+00	5.54E-05
246	ALL	463500.1	3773981	NonCancer	0.00E+00	2.40E-08	0.00E+00	1.69E-09	1.69E-09	8.00E-07	6.30E-05	0.00E+00	7.38E-08	0.00E+00	1.69E-09	2.74E-06	0.00E+00	0.00E+00	6.30E-05
247	ALL	463486.9	3773987	NonCancer	0.00E+00	2.80E-08	0.00E+00	1.98E-09	1.98E-09	9.33E-07	7.35E-05	0.00E+00	8.61E-08	0.00E+00	1.98E-09	3.19E-06	0.00E+00	0.00E+00	7.35E-05
248	ALL	463473.7	3773993	NonCancer	0.00E+00	3.37E-08	0.00E+00	2.38E-09	2.38E-09	1.13E-06	8.90E-05	0.00E+00	1.04E-07	0.00E+00	2.38E-09	3.85E-06	0.00E+00	0.00E+00	8.90E-05
249	ALL	463460.5	3773999	NonCancer	0.00E+00	4.30E-08	0.00E+00	3.04E-09	3.04E-09	1.44E-06	1.15E-04	0.00E+00	1.32E-07	0.00E+00	3.04E-09	4.91E-06	0.00E+00	0.00E+00	1.15E-04
250	ALL	463447.2	3774006	NonCancer	0.00E+00	6.09E-08	0.00E+00	4.31E-09	4.31E-09	2.03E-06	1.66E-04	0.00E+00	1.88E-07	0.00E+00	4.31E-09	6.95E-06	0.00E+00	0.00E+00	1.66E-04
251	ALL	463394.4	3774030	NonCancer	0.00E+00	6.64E-08	0.00E+00	4.69E-09	4.69E-09	2.21E-06	1.57E-04	0.00E+00	2.04E-07	0.00E+00	4.69E-09	7.57E-06	0.00E+00	0.00E+00	1.57E-04
252	ALL	463381.2	3774036	NonCancer	0.00E+00	4.37E-08	0.00E+00	3.09E-09	3.09E-09	1.46E-06	1.06E-04	0.00E+00	1.35E-07	0.00E+00	3.09E-09	4.99E-06	0.00E+00	0.00E+00	1.06E-04
253	ALL	463275.4	3774084	NonCancer	0.00E+00	1.13E-08	0.00E+00	7.95E-10	7.95E-10	3.75E-07	2.91E-05	0.00E+00	3.46E-08	0.00E+00	7.95E-10	1.28E-06	0.00E+00	0.00E+00	2.91E-05
254	ALL	463262.2	3774090	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.21E-10	7.21E-10	3.40E-07	2.65E-05	0.00E+00	3.14E-08	0.00E+00	7.21E-10	1.16E-06	0.00E+00	0.00E+00	2.65E-05
255	ALL	463249	3774096	NonCancer	0.00E+00	9.28E-09	0.00E+00	6.56E-10	6.56E-10	3.10E-07	2.42E-05	0.00E+00	2.86E-08	0.00E+00	6.56E-10	1.06E-06	0.00E+00	0.00E+00	2.42E-05
256	ALL	463235.8	3774102	NonCancer	0.00E+00	8.49E-09	0.00E+00	6.00E-10	6.00E-10	2.83E-07	2.23E-05	0.00E+00	2.61E-08	0.00E+00	6.00E-10	9.69E-07	0.00E+00	0.00E+00	2.23E-05
257	ALL	463222.5	3774108	NonCancer	0.00E+00	7.83E-09	0.00E+00	5.53E-10	5.53E-10	2.61E-07	2.06E-05	0.00E+00	2.41E-08	0.00E+00	5.53E-10	8.94E-07	0.00E+00	0.00E+00	2.06E-05
258	ALL	463209.3	3774115	NonCancer	0.00E+00	7.27E-09	0.00E+00	5.14E-10	5.14E-10	2.42E-07	1.93E-05	0.00E+00	2.24E-08	0.00E+00	5.14E-10	8.30E-07	0.00E+00	0.00E+00	1.93E-05
259	ALL	463196.1	3774121	NonCancer	0.00E+00	6.78E-09	0.00E+00	4.79E-10	4.79E-10	2.26E-07	1.80E-05	0.00E+00	2.09E-08	0.00E+00	4.79E-10	7.74E-07	0.00E+00	0.00E+00	1.80E-05
260	ALL	463182.9	3774127	NonCancer	0.00E+00	6.35E-09	0.00E+00	4.49E-10	4.49E-10	2.12E-07	1.70E-05	0.00E+00	1.96E-08	0.00E+00	4.49E-10	7.25E-07	0.00E+00	0.00E+00	1.70E-05
261	ALL	463169.7	3774133	NonCancer	0.00E+00	5.97E-09	0.00E+00	4.22E-10	4.22E-10	1.99E-07	1.60E-05	0.00E+00	1.84E-08	0.00E+00	4.22E-10	6.81E-07	0.00E+00	0.00E+00	1.60E-05
262	ALL	463156.4	3774139	NonCancer	0.00E+00	5.62E-09	0.00E+00	3.97E-10	3.97E-10	1.87E-07	1.52E-05	0.00E+00	1.73E-08	0.00E+00	3.97E-10	6.42E-07	0.00E+00	0.00E+00	1.52E-05
263	ALL	463143.2	3774145	NonCancer	0.00E+00	5.29E-09	0.00E+00	3.74E-10	3.74E-10	1.76E-07	1.43E-05	0.00E+00	1.63E-08	0.00E+00	3.74E-10	6.03E-07	0.00E+00	0.00E+00	1.43E-05
264	ALL	463130	3774151	NonCancer	0.00E+00	4.98E-09	0.00E+00	3.52E-10	3.52E-10	1.66E-07	1.35E-05	0.00E+00	1.53E-08	0.00E+00	3.52E-10	5.68E-07	0.00E+00	0.00E+00	1.35E-05
265	ALL	463116.8	3774157	NonCancer	0.00E+00	4.72E-09	0.00E+00	3.33E-10	3.33E-10	1.57E-07	1.29E-05	0.00E+00	1.45E-08	0.00E+00	3.33E-10	5.38E-07	0.00E+00	0.00E+00	1.29E-05
266	ALL	463103.6	3774163	NonCancer	0.00E+00	4.49E-09	0.00E+00	3.18E-10	3.18E-10	1.50E-07	1.23E-05	0.00E+00	1.38E-08	0.00E+00	3.18E-10	5.13E-07	0.00E+00	0.00E+00	1.23E-05
267	ALL	463090.3	3774169	NonCancer	0.00E+00	4.28E-09	0.00E+00	3.03E-10	3.03E-10	1.43E-07	1.18E-05	0.00E+00	1.32E-08	0.00E+00	3.03E-10	4.89E-07	0.00E+00	0.00E+00	1.18E-05
268	ALL	463077.1	3774175	NonCancer	0.00E+00	4.08E-09	0.00E+00	2.88E-10	2.88E-10	1.36E-07	1.12E-05	0.00E+00	1.26E-08	0.00E+00	2.88E-10	4.66E-07	0.00E+00	0.00E+00	1.12E-05

269	ALL	463063.9	3774181	NonCancer	0.00E+00	3.89E-09	0.00E+00	2.75E-10	2.75E-10	1.30E-07	1.08E-05	0.00E+00	1.20E-08	0.00E+00	2.75E-10	4.44E-07	0.00E+00	0.00E+00	1.08E-05
270	ALL	463050.7	3774187	NonCancer	0.00E+00	3.72E-09	0.00E+00	2.63E-10	2.63E-10	1.24E-07	1.03E-05	0.00E+00	1.14E-08	0.00E+00	2.63E-10	4.24E-07	0.00E+00	0.00E+00	1.03E-05
271	ALL	463037.5	3774193	NonCancer	0.00E+00	3.56E-09	0.00E+00	2.51E-10	2.51E-10	1.19E-07	9.89E-06	0.00E+00	1.10E-08	0.00E+00	2.51E-10	4.06E-07	0.00E+00	0.00E+00	9.89E-06
272	ALL	463689.3	3773935	NonCancer	0.00E+00	8.38E-09	0.00E+00	5.92E-10	5.92E-10	2.79E-07	2.31E-05	0.00E+00	2.58E-08	0.00E+00	5.92E-10	9.56E-07	0.00E+00	0.00E+00	2.31E-05
273	ALL	463676.1	3773941	NonCancer	0.00E+00	8.73E-09	0.00E+00	6.17E-10	6.17E-10	2.91E-07	2.39E-05	0.00E+00	2.69E-08	0.00E+00	6.17E-10	9.96E-07	0.00E+00	0.00E+00	2.39E-05
274	ALL	463663	3773947	NonCancer	0.00E+00	9.11E-09	0.00E+00	6.44E-10	6.44E-10	3.04E-07	2.49E-05	0.00E+00	2.80E-08	0.00E+00	6.44E-10	1.04E-06	0.00E+00	0.00E+00	2.49E-05
275	ALL	463649.8	3773953	NonCancer	0.00E+00	9.54E-09	0.00E+00	6.74E-10	6.74E-10	3.18E-07	2.59E-05	0.00E+00	2.94E-08	0.00E+00	6.74E-10	1.09E-06	0.00E+00	0.00E+00	2.59E-05
276	ALL	463636.6	3773959	NonCancer	0.00E+00	1.00E-08	0.00E+00	7.08E-10	7.08E-10	3.34E-07	2.71E-05	0.00E+00	3.08E-08	0.00E+00	7.08E-10	1.14E-06	0.00E+00	0.00E+00	2.71E-05
277	ALL	463623.4	3773965	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.46E-10	7.46E-10	3.52E-07	2.85E-05	0.00E+00	3.25E-08	0.00E+00	7.46E-10	1.20E-06	0.00E+00	0.00E+00	2.85E-05
278	ALL	463610.3	3773971	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.88E-10	7.88E-10	3.72E-07	3.00E-05	0.00E+00	3.44E-08	0.00E+00	7.88E-10	1.27E-06	0.00E+00	0.00E+00	3.00E-05
279	ALL	463597.1	3773977	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.37E-10	8.37E-10	3.95E-07	3.17E-05	0.00E+00	3.65E-08	0.00E+00	8.37E-10	1.35E-06	0.00E+00	0.00E+00	3.17E-05
280	ALL	463583.9	3773983	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.93E-10	8.93E-10	4.22E-07	3.37E-05	0.00E+00	3.89E-08	0.00E+00	8.93E-10	1.44E-06	0.00E+00	0.00E+00	3.37E-05
281	ALL	463570.8	3773989	NonCancer	0.00E+00	1.36E-08	0.00E+00	9.60E-10	9.60E-10	4.53E-07	3.61E-05	0.00E+00	4.18E-08	0.00E+00	9.60E-10	1.55E-06	0.00E+00	0.00E+00	3.61E-05
282	ALL	463557.6	3773995	NonCancer	0.00E+00	1.47E-08	0.00E+00	1.04E-09	1.04E-09	4.90E-07	3.89E-05	0.00E+00	4.52E-08	0.00E+00	1.04E-09	1.68E-06	0.00E+00	0.00E+00	3.89E-05
283	ALL	463544.4	3774001	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.34E-07	4.23E-05	0.00E+00	4.93E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	4.23E-05
284	ALL	463531.3	3774007	NonCancer	0.00E+00	1.76E-08	0.00E+00	1.25E-09	1.25E-09	5.88E-07	4.64E-05	0.00E+00	5.43E-08	0.00E+00	1.25E-09	2.01E-06	0.00E+00	0.00E+00	4.64E-05
285	ALL	463518.1	3774013	NonCancer	0.00E+00	1.97E-08	0.00E+00	1.39E-09	1.39E-09	6.55E-07	5.17E-05	0.00E+00	6.05E-08	0.00E+00	1.39E-09	2.24E-06	0.00E+00	0.00E+00	5.17E-05
286	ALL	463504.9	3774019	NonCancer	0.00E+00	2.23E-08	0.00E+00	1.57E-09	1.57E-09	7.42E-07	5.85E-05	0.00E+00	6.85E-08	0.00E+00	1.57E-09	2.54E-06	0.00E+00	0.00E+00	5.85E-05
287	ALL	463491.7	3774025	NonCancer	0.00E+00	2.57E-08	0.00E+00	1.82E-09	1.82E-09	8.58E-07	6.76E-05	0.00E+00	7.92E-08	0.00E+00	1.82E-09	2.94E-06	0.00E+00	0.00E+00	6.76E-05
288	ALL	463478.6	3774031	NonCancer	0.00E+00	3.06E-08	0.00E+00	2.16E-09	2.16E-09	1.02E-06	8.07E-05	0.00E+00	9.43E-08	0.00E+00	2.16E-09	3.50E-06	0.00E+00	0.00E+00	8.07E-05
289	ALL	463465.4	3774037	NonCancer	0.00E+00	3.81E-08	0.00E+00	2.70E-09	2.70E-09	1.27E-06	1.01E-04	0.00E+00	1.17E-07	0.00E+00	2.70E-09	4.35E-06	0.00E+00	0.00E+00	1.01E-04
290	ALL	463452.2	3774043	NonCancer	0.00E+00	5.15E-08	0.00E+00	3.64E-09	3.64E-09	1.72E-06	1.39E-04	0.00E+00	1.59E-07	0.00E+00	3.64E-09	5.88E-06	0.00E+00	0.00E+00	1.39E-04
291	ALL	463360	3774085	NonCancer	0.00E+00	2.76E-08	0.00E+00	1.95E-09	1.95E-09	9.19E-07	6.79E-05	0.00E+00	8.48E-08	0.00E+00	1.95E-09	3.14E-06	0.00E+00	0.00E+00	6.79E-05
292	ALL	463346.9	3774092	NonCancer	0.00E+00	2.23E-08	0.00E+00	1.58E-09	1.58E-09	7.45E-07	5.56E-05	0.00E+00	6.88E-08	0.00E+00	1.58E-09	2.55E-06	0.00E+00	0.00E+00	5.56E-05
293	ALL	463333.7	3774098	NonCancer	0.00E+00	1.87E-08	0.00E+00	1.32E-09	1.32E-09	6.23E-07	4.69E-05	0.00E+00	5.76E-08	0.00E+00	1.32E-09	2.13E-06	0.00E+00	0.00E+00	4.69E-05
294	ALL	463320.5	3774104	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.35E-07	4.05E-05	0.00E+00	4.94E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	4.05E-05
295	ALL	463307.4	3774110	NonCancer	0.00E+00	1.40E-08	0.00E+00	9.89E-10	9.89E-10	4.67E-07	3.56E-05	0.00E+00	4.31E-08	0.00E+00	9.89E-10	1.60E-06	0.00E+00	0.00E+00	3.56E-05
296	ALL	463294.2	3774116	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.74E-10	8.74E-10	4.12E-07	3.16E-05	0.00E+00	3.81E-08	0.00E+00	8.74E-10	1.41E-06	0.00E+00	0.00E+00	3.16E-05
297	ALL	463281	3774122	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.79E-10	7.79E-10	3.68E-07	2.84E-05	0.00E+00	3.39E-08	0.00E+00	7.79E-10	1.26E-06	0.00E+00	0.00E+00	2.84E-05
298	ALL	463267.8	3774128	NonCancer	0.00E+00	9.91E-09	0.00E+00	7.00E-10	7.00E-10	3.30E-07	2.56E-05	0.00E+00	3.05E-08	0.00E+00	7.00E-10	1.13E-06	0.00E+00	0.00E+00	2.56E-05
299	ALL	463254.7	3774134	NonCancer	0.00E+00	8.98E-09	0.00E+00	6.35E-10	6.35E-10	3.00E-07	2.34E-05	0.00E+00	2.77E-08	0.00E+00	6.35E-10	1.03E-06	0.00E+00	0.00E+00	2.34E-05
300	ALL	463241.5	3774140	NonCancer	0.00E+00	8.20E-09	0.00E+00	5.80E-10	5.80E-10	2.74E-07	2.15E-05	0.00E+00	2.53E-08	0.00E+00	5.80E-10	9.36E-07	0.00E+00	0.00E+00	2.15E-05
301	ALL	463228.3	3774146	NonCancer	0.00E+00	7.53E-09	0.00E+00	5.32E-10	5.32E-10	2.51E-07	1.98E-05	0.00E+00	2.32E-08	0.00E+00	5.32E-10	8.60E-07	0.00E+00	0.00E+00	1.98E-05
302	ALL	463215.2	3774152	NonCancer	0.00E+00	6.96E-09	0.00E+00	4.92E-10	4.92E-10	2.32E-07	1.84E-05	0.00E+00	2.14E-08	0.00E+00	4.92E-10	7.94E-07	0.00E+00	0.00E+00	1.84E-05
303	ALL	463202	3774158	NonCancer	0.00E+00	6.46E-09	0.00E+00	4.56E-10	4.56E-10	2.15E-07	1.71E-05	0.00E+00	1.99E-08	0.00E+00	4.56E-10	7.37E-07	0.00E+00	0.00E+00	1.71E-05
304	ALL	463188.8	3774164	NonCancer	0.00E+00	6.02E-09	0.00E+00	4.25E-10	4.25E-10	2.01E-07	1.60E-05	0.00E+00	1.85E-08	0.00E+00	4.25E-10	6.87E-07	0.00E+00	0.00E+00	1.60E-05
305	ALL	463175.6	3774170	NonCancer	0.00E+00	5.64E-09	0.00E+00	3.98E-10	3.98E-10	1.88E-07	1.51E-05	0.00E+00	1.74E-08	0.00E+00	3.98E-10	6.44E-07	0.00E+00	0.00E+00	1.51E-05
306	ALL	463162.5	3774176	NonCancer	0.00E+00	5.31E-09	0.00E+00	3.75E-10	3.75E-10	1.77E-07	1.43E-05	0.00E+00	1.63E-08	0.00E+00	3.75E-10	6.06E-07	0.00E+00	0.00E+00	1.43E-05
307	ALL	463149.3	3774182	NonCancer	0.00E+00	5.02E-09	0.00E+00	3.54E-10	3.54E-10	1.67E-07	1.35E-05	0.00E+00	1.54E-08	0.00E+00	3.54E-10	5.73E-07	0.00E+00	0.00E+00	1.35E-05
308	ALL	463136.1	3774188	NonCancer	0.00E+00	4.73E-09	0.00E+00	3.34E-10	3.34E-10	1.58E-07	1.28E-05	0.00E+00	1.46E-08	0.00E+00	3.34E-10	5.40E-07	0.00E+00	0.00E+00	1.28E-05
309	ALL	463123	3774194	NonCancer	0.00E+00	4.45E-09	0.00E+00	3.14E-10	3.14E-10	1.48E-07	1.21E-05	0.00E+00	1.37E-08	0.00E+00	3.14E-10	5.08E-07	0.00E+00	0.00E+00	1.21E-05
310	ALL	463109.8	3774200	NonCancer	0.00E+00	4.22E-09	0.00E+00	2.98E-10	2.98E-10	1.41E-07	1.15E-05	0.00E+00	1.30E-08	0.00E+00	2.98E-10	4.82E-07	0.00E+00	0.00E+00	1.15E-05
311	ALL	463096.6	3774206	NonCancer	0.00E+00	4.03E-09	0.00E+00	2.85E-10	2.85E-10	1.34E-07	1.10E-05	0.00E+00	1.24E-08	0.00E+00	2.85E-10	4.60E-07	0.00E+00	0.00E+00	1.10E-05
312	ALL	463083.4	3774212	NonCancer	0.00E+00	3.85E-09	0.00E+00	2.72E-10	2.72E-10	1.29E-07	1.06E-05	0.00E+00	1.19E-08	0.00E+00	2.72E-10	4.40E-07	0.00E+00	0.00E+00	1.06E-05
313	ALL	463070.3	3774218	NonCancer	0.00E+00	3.69E-09	0.00E+00	2.61E-10	2.61E-10	1.23E-07	1.02E-05	0.00E+00	1.14E-08	0.00E+00	2.61E-10	4.21E-07	0.00E+00	0.00E+00	1.02E-05
314	ALL	463057.1	3774224	NonCancer	0.00E+00	3.54E-09	0.00E+00	2.50E-10	2.50E-10	1.18E-07	9.80E-06	0.00E+00	1.09E-08	0.00E+00	2.50E-10	4.04E-07	0.00E+00	0.00E+00	9.80E-06
315	ALL	463043.9	3774230	NonCancer	0.00E+00	3.40E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	9.43E-06	0.00E+00	1.05E-08	0.00E+00	2.40E-10	3.88E-07	0.00E+00	0.00E+00	9.43E-06
316	ALL	463039.2	3773233	NonCancer	0.00E+00	3.10E-07	0.00E+00	2.19E-08	2.19E-08	1.03E-05	1.14E-03	0.00E+00	9.55E-07	0.00E+00	2.19E-08	3.54E-05	0.00E+00	0.00E+00	1.14E-03
317	ALL	463039.1	3773224	NonCancer	0.00E+00	3.04E-07	0.00E+00	2.15E-08	2.15E-08	1.02E-05	1.17E-03	0.00E+00	9.37E-07	0.00E+00	2.15E-08	3.48E-05	0.00E+00	0.00E+00	1.17E-03
318	ALL	463039.1	3773215	NonCancer	0.00E+00	3.03E-07	0.00E+00	2.14E-08	2.14E-08	1.01E-05	1.20E-03	0.00E+00	9.34E-07	0.00E+00	2.14E-08	3.46E-05	0.00E+00	0.00E+00	1.20E-03
319	ALL	463039.1	3773205	NonCancer	0.00E+00	3.04E-07	0.00E+00	2.14E-08	2.14E-08	1.01E-05	1.24E-03	0.00E+00	9.35E-07	0.00E+00	2.14E-08	3.46E-05	0.00E+00	0.00E+00	1.24E-03
320	ALL	463039.1	3773196	NonCancer	0.00E+00	3.04E-07	0.00E+00	2.15E-08	2.15E-08	1.01E-05	1.28E-03	0.00E+00	9.37E-07	0.00E+00	2.15E-08	3.47E-05	0.00E+00	0.00E+00	1.28E-03
321	ALL	463039.1	3773186	NonCancer	0.00E+00	3.04E-07	0.00E+00	2.15E-08	2.15E-08	1.01E-05	1.32E-03	0.00E+00	9.35E-07	0.00E+00	2.15E-08	3.47E-05	0.00E+00	0.00E+00	1.32E-03
322	ALL	463039.1	3773177	NonCancer	0.00E+00	2.98E-07	0.00E+00	2.10E-08	2.10E-08	9.92E-06	1.32E-03	0.00E+00	9.16E-07	0.00E+00	2.10E-08	3.40E-05	0.00E+00	0.00E+00	1.32E-03

323	ALL	463039	3773167	NonCancer	0.00E+00	2.76E-07	0.00E+00	1.95E-08	1.95E-08	9.21E-06	1.25E-03	0.00E+00	8.50E-07	0.00E+00	1.95E-08	3.15E-05	0.00E+00	0.00E+00	1.25E-03
324	ALL	463039	3773158	NonCancer	0.00E+00	2.31E-07	0.00E+00	1.63E-08	1.63E-08	7.69E-06	1.06E-03	0.00E+00	7.10E-07	0.00E+00	1.63E-08	2.63E-05	0.00E+00	0.00E+00	1.06E-03
325	ALL	463039	3773149	NonCancer	0.00E+00	1.77E-07	0.00E+00	1.25E-08	1.25E-08	5.90E-06	8.32E-04	0.00E+00	5.44E-07	0.00E+00	1.25E-08	2.02E-05	0.00E+00	0.00E+00	8.32E-04
326	ALL	463049.2	3773233	NonCancer	0.00E+00	2.28E-07	0.00E+00	1.61E-08	1.61E-08	7.59E-06	8.27E-04	0.00E+00	7.00E-07	0.00E+00	1.61E-08	2.60E-05	0.00E+00	0.00E+00	8.27E-04
327	ALL	463049.1	3773224	NonCancer	0.00E+00	2.16E-07	0.00E+00	1.52E-08	1.52E-08	7.20E-06	8.27E-04	0.00E+00	6.64E-07	0.00E+00	1.52E-08	2.46E-05	0.00E+00	0.00E+00	8.27E-04
328	ALL	463049.1	3773215	NonCancer	0.00E+00	2.11E-07	0.00E+00	1.49E-08	1.49E-08	7.04E-06	8.43E-04	0.00E+00	6.50E-07	0.00E+00	1.49E-08	2.41E-05	0.00E+00	0.00E+00	8.43E-04
329	ALL	463049.1	3773205	NonCancer	0.00E+00	2.09E-07	0.00E+00	1.47E-08	1.47E-08	6.96E-06	8.64E-04	0.00E+00	6.42E-07	0.00E+00	1.47E-08	2.38E-05	0.00E+00	0.00E+00	8.64E-04
330	ALL	463049.1	3773196	NonCancer	0.00E+00	2.07E-07	0.00E+00	1.46E-08	1.46E-08	6.89E-06	8.83E-04	0.00E+00	6.36E-07	0.00E+00	1.46E-08	2.36E-05	0.00E+00	0.00E+00	8.83E-04
331	ALL	463049.1	3773186	NonCancer	0.00E+00	2.03E-07	0.00E+00	1.43E-08	1.43E-08	6.76E-06	8.91E-04	0.00E+00	6.24E-07	0.00E+00	1.43E-08	2.32E-05	0.00E+00	0.00E+00	8.91E-04
332	ALL	463049.1	3773177	NonCancer	0.00E+00	1.95E-07	0.00E+00	1.38E-08	1.38E-08	6.49E-06	8.74E-04	0.00E+00	5.99E-07	0.00E+00	1.38E-08	2.22E-05	0.00E+00	0.00E+00	8.74E-04
333	ALL	463049	3773167	NonCancer	0.00E+00	1.79E-07	0.00E+00	1.26E-08	1.26E-08	5.96E-06	8.16E-04	0.00E+00	5.50E-07	0.00E+00	1.26E-08	2.04E-05	0.00E+00	0.00E+00	8.16E-04
334	ALL	463049	3773158	NonCancer	0.00E+00	1.55E-07	0.00E+00	1.10E-08	1.10E-08	5.17E-06	7.16E-04	0.00E+00	4.77E-07	0.00E+00	1.10E-08	1.77E-05	0.00E+00	0.00E+00	7.16E-04
335	ALL	463049	3773149	NonCancer	0.00E+00	1.29E-07	0.00E+00	9.09E-09	9.09E-09	4.29E-06	6.00E-04	0.00E+00	3.96E-07	0.00E+00	9.09E-09	1.47E-05	0.00E+00	0.00E+00	6.00E-04
336	ALL	463059.2	3773233	NonCancer	0.00E+00	1.88E-07	0.00E+00	1.33E-08	1.33E-08	6.27E-06	6.70E-04	0.00E+00	5.79E-07	0.00E+00	1.33E-08	2.15E-05	0.00E+00	0.00E+00	6.70E-04
337	ALL	463059.1	3773224	NonCancer	0.00E+00	1.72E-07	0.00E+00	1.22E-08	1.22E-08	5.75E-06	6.52E-04	0.00E+00	5.31E-07	0.00E+00	1.22E-08	1.97E-05	0.00E+00	0.00E+00	6.52E-04
338	ALL	463059.1	3773215	NonCancer	0.00E+00	1.65E-07	0.00E+00	1.16E-08	1.16E-08	5.50E-06	6.53E-04	0.00E+00	5.07E-07	0.00E+00	1.16E-08	1.88E-05	0.00E+00	0.00E+00	6.53E-04
339	ALL	463059.1	3773205	NonCancer	0.00E+00	1.60E-07	0.00E+00	1.13E-08	1.13E-08	5.34E-06	6.60E-04	0.00E+00	4.93E-07	0.00E+00	1.13E-08	1.83E-05	0.00E+00	0.00E+00	6.60E-04
340	ALL	463059.1	3773196	NonCancer	0.00E+00	1.56E-07	0.00E+00	1.10E-08	1.10E-08	5.21E-06	6.64E-04	0.00E+00	4.81E-07	0.00E+00	1.10E-08	1.78E-05	0.00E+00	0.00E+00	6.64E-04
341	ALL	463059.1	3773186	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.07E-08	1.07E-08	5.03E-06	6.59E-04	0.00E+00	4.65E-07	0.00E+00	1.07E-08	1.72E-05	0.00E+00	0.00E+00	6.59E-04
342	ALL	463059.1	3773177	NonCancer	0.00E+00	1.43E-07	0.00E+00	1.01E-08	1.01E-08	4.77E-06	6.37E-04	0.00E+00	4.40E-07	0.00E+00	1.01E-08	1.63E-05	0.00E+00	0.00E+00	6.37E-04
343	ALL	463059	3773167	NonCancer	0.00E+00	1.31E-07	0.00E+00	9.27E-09	9.27E-09	4.37E-06	5.94E-04	0.00E+00	4.04E-07	0.00E+00	9.27E-09	1.50E-05	0.00E+00	0.00E+00	5.94E-04
344	ALL	463059	3773158	NonCancer	0.00E+00	1.16E-07	0.00E+00	8.22E-09	8.22E-09	3.88E-06	5.32E-04	0.00E+00	3.58E-07	0.00E+00	8.22E-09	1.33E-05	0.00E+00	0.00E+00	5.32E-04
345	ALL	463059	3773149	NonCancer	0.00E+00	1.01E-07	0.00E+00	7.12E-09	7.12E-09	3.36E-06	4.62E-04	0.00E+00	3.10E-07	0.00E+00	7.12E-09	1.15E-05	0.00E+00	0.00E+00	4.62E-04
346	ALL	463069.2	3773233	NonCancer	0.00E+00	1.66E-07	0.00E+00	1.17E-08	1.17E-08	5.52E-06	5.76E-04	0.00E+00	5.10E-07	0.00E+00	1.17E-08	1.89E-05	0.00E+00	0.00E+00	5.76E-04
347	ALL	463069.1	3773224	NonCancer	0.00E+00	1.47E-07	0.00E+00	1.04E-08	1.04E-08	4.91E-06	5.46E-04	0.00E+00	4.54E-07	0.00E+00	1.04E-08	1.68E-05	0.00E+00	0.00E+00	5.46E-04
348	ALL	463069.1	3773214	NonCancer	0.00E+00	1.38E-07	0.00E+00	9.73E-09	9.73E-09	4.59E-06	5.36E-04	0.00E+00	4.24E-07	0.00E+00	9.73E-09	1.57E-05	0.00E+00	0.00E+00	5.36E-04
349	ALL	463069.1	3773205	NonCancer	0.00E+00	1.31E-07	0.00E+00	9.29E-09	9.29E-09	4.38E-06	5.33E-04	0.00E+00	4.05E-07	0.00E+00	9.29E-09	1.50E-05	0.00E+00	0.00E+00	5.33E-04
350	ALL	463069.1	3773196	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.91E-09	8.91E-09	4.21E-06	5.28E-04	0.00E+00	3.88E-07	0.00E+00	8.91E-09	1.44E-05	0.00E+00	0.00E+00	5.28E-04
351	ALL	463069.1	3773186	NonCancer	0.00E+00	1.20E-07	0.00E+00	8.50E-09	8.50E-09	4.01E-06	5.17E-04	0.00E+00	3.70E-07	0.00E+00	8.50E-09	1.37E-05	0.00E+00	0.00E+00	5.17E-04
352	ALL	463069.1	3773177	NonCancer	0.00E+00	1.13E-07	0.00E+00	7.99E-09	7.99E-09	3.77E-06	4.96E-04	0.00E+00	3.48E-07	0.00E+00	7.99E-09	1.29E-05	0.00E+00	0.00E+00	4.96E-04
353	ALL	463069	3773167	NonCancer	0.00E+00	1.04E-07	0.00E+00	7.34E-09	7.34E-09	3.46E-06	4.62E-04	0.00E+00	3.20E-07	0.00E+00	7.34E-09	1.19E-05	0.00E+00	0.00E+00	4.62E-04
354	ALL	463069	3773158	NonCancer	0.00E+00	9.35E-08	0.00E+00	6.61E-09	6.61E-09	3.12E-06	4.19E-04	0.00E+00	2.88E-07	0.00E+00	6.61E-09	1.07E-05	0.00E+00	0.00E+00	4.19E-04
355	ALL	463069	3773149	NonCancer	0.00E+00	8.29E-08	0.00E+00	5.86E-09	5.86E-09	2.76E-06	3.73E-04	0.00E+00	2.55E-07	0.00E+00	5.86E-09	9.46E-06	0.00E+00	0.00E+00	3.73E-04
356	ALL	463079.2	3773233	NonCancer	0.00E+00	1.51E-07	0.00E+00	1.07E-08	1.07E-08	5.03E-06	5.13E-04	0.00E+00	4.65E-07	0.00E+00	1.07E-08	1.72E-05	0.00E+00	0.00E+00	5.13E-04
357	ALL	463079.1	3773224	NonCancer	0.00E+00	1.31E-07	0.00E+00	9.27E-09	9.27E-09	4.37E-06	4.75E-04	0.00E+00	4.04E-07	0.00E+00	9.27E-09	1.50E-05	0.00E+00	0.00E+00	4.75E-04
358	ALL	463079.1	3773214	NonCancer	0.00E+00	1.20E-07	0.00E+00	8.49E-09	8.49E-09	4.01E-06	4.57E-04	0.00E+00	3.70E-07	0.00E+00	8.49E-09	1.37E-05	0.00E+00	0.00E+00	4.57E-04
359	ALL	463079.1	3773205	NonCancer	0.00E+00	1.13E-07	0.00E+00	7.96E-09	7.96E-09	3.76E-06	4.47E-04	0.00E+00	3.47E-07	0.00E+00	7.96E-09	1.29E-05	0.00E+00	0.00E+00	4.47E-04
360	ALL	463079.1	3773196	NonCancer	0.00E+00	1.07E-07	0.00E+00	7.53E-09	7.53E-09	3.56E-06	4.37E-04	0.00E+00	3.28E-07	0.00E+00	7.53E-09	1.22E-05	0.00E+00	0.00E+00	4.37E-04
361	ALL	463079.1	3773186	NonCancer	0.00E+00	1.01E-07	0.00E+00	7.11E-09	7.11E-09	3.35E-06	4.23E-04	0.00E+00	3.10E-07	0.00E+00	7.11E-09	1.15E-05	0.00E+00	0.00E+00	4.23E-04
362	ALL	463079.1	3773177	NonCancer	0.00E+00	9.40E-08	0.00E+00	6.64E-09	6.64E-09	3.13E-06	4.03E-04	0.00E+00	2.89E-07	0.00E+00	6.64E-09	1.07E-05	0.00E+00	0.00E+00	4.03E-04
363	ALL	463079	3773167	NonCancer	0.00E+00	8.65E-08	0.00E+00	6.11E-09	6.11E-09	2.89E-06	3.76E-04	0.00E+00	2.66E-07	0.00E+00	6.11E-09	9.88E-06	0.00E+00	0.00E+00	3.76E-04
364	ALL	463079	3773158	NonCancer	0.00E+00	7.86E-08	0.00E+00	5.56E-09	5.56E-09	2.62E-06	3.44E-04	0.00E+00	2.42E-07	0.00E+00	5.56E-09	8.98E-06	0.00E+00	0.00E+00	3.44E-04
365	ALL	463079	3773149	NonCancer	0.00E+00	7.08E-08	0.00E+00	5.00E-09	5.00E-09	2.36E-06	3.11E-04	0.00E+00	2.18E-07	0.00E+00	5.00E-09	8.08E-06	0.00E+00	0.00E+00	3.11E-04
366	ALL	463073	3773286	NonCancer	0.00E+00	1.20E-07	0.00E+00	8.49E-09	8.49E-09	4.01E-06	3.60E-04	0.00E+00	3.70E-07	0.00E+00	8.49E-09	1.37E-05	0.00E+00	0.00E+00	3.60E-04
367	ALL	463089.2	3773233	NonCancer	0.00E+00	1.41E-07	0.00E+00	9.94E-09	9.94E-09	4.69E-06	4.67E-04	0.00E+00	4.33E-07	0.00E+00	9.94E-09	1.60E-05	0.00E+00	0.00E+00	4.67E-04
368	ALL	463089.1	3773224	NonCancer	0.00E+00	1.20E-07	0.00E+00	8.46E-09	8.46E-09	3.99E-06	4.23E-04	0.00E+00	3.69E-07	0.00E+00	8.46E-09	1.37E-05	0.00E+00	0.00E+00	4.23E-04
369	ALL	463089.1	3773214	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.62E-09	7.62E-09	3.60E-06	4.00E-04	0.00E+00	3.32E-07	0.00E+00	7.62E-09	1.23E-05	0.00E+00	0.00E+00	4.00E-04
370	ALL	463089.1	3773205	NonCancer	0.00E+00	9.96E-08	0.00E+00	7.04E-09	7.04E-09	3.32E-06	3.85E-04	0.00E+00	3.07E-07	0.00E+00	7.04E-09	1.14E-05	0.00E+00	0.00E+00	3.85E-04
371	ALL	463089.1	3773196	NonCancer	0.00E+00	9.31E-08	0.00E+00	6.58E-09	6.58E-09	3.11E-06	3.72E-04	0.00E+00	2.87E-07	0.00E+00	6.58E-09	1.06E-05	0.00E+00	0.00E+00	3.72E-04
372	ALL	463089.1	3773186	NonCancer	0.00E+00	8.71E-08	0.00E+00	6.15E-09	6.15E-09	2.90E-06	3.57E-04	0.00E+00	2.68E-07	0.00E+00	6.15E-09	9.94E-06	0.00E+00	0.00E+00	3.57E-04
373	ALL	463089.1	3773177	NonCancer	0.00E+00	8.10E-08	0.00E+00	5.72E-09	5.72E-09	2.70E-06	3.38E-04	0.00E+00	2.49E-07	0.00E+00	5.72E-09	9.25E-06	0.00E+00	0.00E+00	3.38E-04
374	ALL	463089	3773167	NonCancer	0.00E+00	7.47E-08	0.00E+00	5.28E-09	5.28E-09	2.49E-06	3.16E-04	0.00E+00	2.30E-07	0.00E+00	5.28E-09	8.52E-06	0.00E+00	0.00E+00	3.16E-04
375	ALL	463089	3773158	NonCancer	0.00E+00	6.83E-08	0.00E+00	4.83E-09	4.83E-09	2.28E-06	2.92E-04	0.00E+00	2.10E-07	0.00E+00	4.83E-09	7.80E-06	0.00E+00	0.00E+00	2.92E-04
376	ALL	463089	3773148	NonCancer	0.00E+00	6.21E-08	0.00E+00	4.39E-09	4.39E-09	2.07E-06	2.66E-04	0.00E+00	1.91E-07	0.00E+00	4.39E-09	7.09E-06	0.00E+00	0.00E+00	2.66E-04

377	ALL	463080.5	3773293	NonCancer	0.00E+00	9.80E-08	0.00E+00	6.92E-09	6.92E-09	3.27E-06	2.98E-04	0.00E+00	3.02E-07	0.00E+00	6.92E-09	1.12E-05	0.00E+00	0.00E+00	2.98E-04
378	ALL	463099.2	3773233	NonCancer	0.00E+00	1.33E-07	0.00E+00	9.39E-09	9.39E-09	4.43E-06	4.31E-04	0.00E+00	4.09E-07	0.00E+00	9.39E-09	1.52E-05	0.00E+00	0.00E+00	4.31E-04
379	ALL	463099.1	3773224	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.87E-09	7.87E-09	3.71E-06	3.83E-04	0.00E+00	3.43E-07	0.00E+00	7.87E-09	1.27E-05	0.00E+00	0.00E+00	3.83E-04
380	ALL	463099.1	3773214	NonCancer	0.00E+00	9.88E-08	0.00E+00	6.98E-09	6.98E-09	3.29E-06	3.57E-04	0.00E+00	3.04E-07	0.00E+00	6.98E-09	1.13E-05	0.00E+00	0.00E+00	3.57E-04
381	ALL	463099.1	3773205	NonCancer	0.00E+00	9.01E-08	0.00E+00	6.37E-09	6.37E-09	3.00E-06	3.39E-04	0.00E+00	2.77E-07	0.00E+00	6.37E-09	1.03E-05	0.00E+00	0.00E+00	3.39E-04
382	ALL	463099.1	3773196	NonCancer	0.00E+00	8.34E-08	0.00E+00	5.89E-09	5.89E-09	2.78E-06	3.24E-04	0.00E+00	2.57E-07	0.00E+00	5.89E-09	9.51E-06	0.00E+00	0.00E+00	3.24E-04
383	ALL	463099.1	3773186	NonCancer	0.00E+00	7.74E-08	0.00E+00	5.47E-09	5.47E-09	2.58E-06	3.08E-04	0.00E+00	2.38E-07	0.00E+00	5.47E-09	8.84E-06	0.00E+00	0.00E+00	3.08E-04
384	ALL	463099.1	3773177	NonCancer	0.00E+00	7.18E-08	0.00E+00	5.07E-09	5.07E-09	2.39E-06	2.91E-04	0.00E+00	2.21E-07	0.00E+00	5.07E-09	8.19E-06	0.00E+00	0.00E+00	2.91E-04
385	ALL	463099	3773167	NonCancer	0.00E+00	6.62E-08	0.00E+00	4.68E-09	4.68E-09	2.21E-06	2.73E-04	0.00E+00	2.04E-07	0.00E+00	4.68E-09	7.56E-06	0.00E+00	0.00E+00	2.73E-04
386	ALL	463099	3773158	NonCancer	0.00E+00	6.08E-08	0.00E+00	4.30E-09	4.30E-09	2.03E-06	2.53E-04	0.00E+00	1.87E-07	0.00E+00	4.30E-09	6.94E-06	0.00E+00	0.00E+00	2.53E-04
387	ALL	463099	3773148	NonCancer	0.00E+00	5.57E-08	0.00E+00	3.94E-09	3.94E-09	1.86E-06	2.33E-04	0.00E+00	1.72E-07	0.00E+00	3.94E-09	6.36E-06	0.00E+00	0.00E+00	2.33E-04
388	ALL	463094	3773284	NonCancer	0.00E+00	1.31E-07	0.00E+00	9.27E-09	9.27E-09	4.38E-06	3.74E-04	0.00E+00	4.04E-07	0.00E+00	9.27E-09	1.50E-05	0.00E+00	0.00E+00	3.74E-04
389	ALL	463109.2	3773233	NonCancer	0.00E+00	1.27E-07	0.00E+00	8.97E-09	8.97E-09	4.23E-06	4.03E-04	0.00E+00	3.91E-07	0.00E+00	8.97E-09	1.45E-05	0.00E+00	0.00E+00	4.03E-04
390	ALL	463109.1	3773224	NonCancer	0.00E+00	1.05E-07	0.00E+00	7.41E-09	7.41E-09	3.50E-06	3.52E-04	0.00E+00	3.23E-07	0.00E+00	7.41E-09	1.20E-05	0.00E+00	0.00E+00	3.52E-04
391	ALL	463109.1	3773214	NonCancer	0.00E+00	9.19E-08	0.00E+00	6.49E-09	6.49E-09	3.06E-06	3.24E-04	0.00E+00	2.83E-07	0.00E+00	6.49E-09	1.05E-05	0.00E+00	0.00E+00	3.24E-04
392	ALL	463109.1	3773205	NonCancer	0.00E+00	8.30E-08	0.00E+00	5.86E-09	5.86E-09	2.77E-06	3.04E-04	0.00E+00	2.55E-07	0.00E+00	5.86E-09	9.47E-06	0.00E+00	0.00E+00	3.04E-04
393	ALL	463109.1	3773196	NonCancer	0.00E+00	7.61E-08	0.00E+00	5.38E-09	5.38E-09	2.54E-06	2.88E-04	0.00E+00	2.34E-07	0.00E+00	5.38E-09	8.69E-06	0.00E+00	0.00E+00	2.88E-04
394	ALL	463109.1	3773186	NonCancer	0.00E+00	7.03E-08	0.00E+00	4.96E-09	4.96E-09	2.34E-06	2.72E-04	0.00E+00	2.16E-07	0.00E+00	4.96E-09	8.02E-06	0.00E+00	0.00E+00	2.72E-04
395	ALL	463109.1	3773177	NonCancer	0.00E+00	6.49E-08	0.00E+00	4.59E-09	4.59E-09	2.17E-06	2.56E-04	0.00E+00	2.00E-07	0.00E+00	4.59E-09	7.41E-06	0.00E+00	0.00E+00	2.56E-04
396	ALL	463109	3773167	NonCancer	0.00E+00	5.99E-08	0.00E+00	4.24E-09	4.24E-09	2.00E-06	2.40E-04	0.00E+00	1.85E-07	0.00E+00	4.24E-09	6.84E-06	0.00E+00	0.00E+00	2.40E-04
397	ALL	463109	3773158	NonCancer	0.00E+00	5.53E-08	0.00E+00	3.90E-09	3.90E-09	1.84E-06	2.23E-04	0.00E+00	1.70E-07	0.00E+00	3.90E-09	6.31E-06	0.00E+00	0.00E+00	2.23E-04
398	ALL	463109	3773148	NonCancer	0.00E+00	5.09E-08	0.00E+00	3.59E-09	3.59E-09	1.70E-06	2.07E-04	0.00E+00	1.57E-07	0.00E+00	3.59E-09	5.81E-06	0.00E+00	0.00E+00	2.07E-04
399	ALL	463113	3773286	NonCancer	0.00E+00	1.18E-07	0.00E+00	8.36E-09	8.36E-09	3.95E-06	3.33E-04	0.00E+00	3.64E-07	0.00E+00	8.36E-09	1.35E-05	0.00E+00	0.00E+00	3.33E-04
400	ALL	463109.8	3773295	NonCancer	0.00E+00	9.28E-08	0.00E+00	6.56E-09	6.56E-09	3.09E-06	2.72E-04	0.00E+00	2.86E-07	0.00E+00	6.56E-09	1.06E-05	0.00E+00	0.00E+00	2.72E-04
401	ALL	463106.5	3773304	NonCancer	0.00E+00	7.64E-08	0.00E+00	5.40E-09	5.40E-09	2.55E-06	2.31E-04	0.00E+00	2.35E-07	0.00E+00	5.40E-09	8.72E-06	0.00E+00	0.00E+00	2.31E-04
402	ALL	463103.3	3773313	NonCancer	0.00E+00	6.47E-08	0.00E+00	4.57E-09	4.57E-09	2.16E-06	2.00E-04	0.00E+00	1.99E-07	0.00E+00	4.57E-09	7.38E-06	0.00E+00	0.00E+00	2.00E-04
403	ALL	463129.2	3773233	NonCancer	0.00E+00	1.18E-07	0.00E+00	8.35E-09	8.35E-09	3.94E-06	3.61E-04	0.00E+00	3.64E-07	0.00E+00	8.35E-09	1.35E-05	0.00E+00	0.00E+00	3.61E-04
404	ALL	463129.1	3773224	NonCancer	0.00E+00	9.57E-08	0.00E+00	6.77E-09	6.77E-09	3.19E-06	3.07E-04	0.00E+00	2.95E-07	0.00E+00	6.77E-09	1.09E-05	0.00E+00	0.00E+00	3.07E-04
405	ALL	463129.1	3773214	NonCancer	0.00E+00	8.24E-08	0.00E+00	5.82E-09	5.82E-09	2.75E-06	2.76E-04	0.00E+00	2.54E-07	0.00E+00	5.82E-09	9.40E-06	0.00E+00	0.00E+00	2.76E-04
406	ALL	463129.1	3773205	NonCancer	0.00E+00	7.32E-08	0.00E+00	5.17E-09	5.17E-09	2.44E-06	2.54E-04	0.00E+00	2.25E-07	0.00E+00	5.17E-09	8.35E-06	0.00E+00	0.00E+00	2.54E-04
407	ALL	463129.1	3773196	NonCancer	0.00E+00	6.63E-08	0.00E+00	4.68E-09	4.68E-09	2.21E-06	2.37E-04	0.00E+00	2.04E-07	0.00E+00	4.68E-09	7.56E-06	0.00E+00	0.00E+00	2.37E-04
408	ALL	463129.1	3773186	NonCancer	0.00E+00	6.06E-08	0.00E+00	4.28E-09	4.28E-09	2.02E-06	2.22E-04	0.00E+00	1.87E-07	0.00E+00	4.28E-09	6.92E-06	0.00E+00	0.00E+00	2.22E-04
409	ALL	463129.1	3773177	NonCancer	0.00E+00	5.58E-08	0.00E+00	3.94E-09	3.94E-09	1.86E-06	2.09E-04	0.00E+00	1.72E-07	0.00E+00	3.94E-09	6.37E-06	0.00E+00	0.00E+00	2.09E-04
410	ALL	463129	3773167	NonCancer	0.00E+00	5.15E-08	0.00E+00	3.64E-09	3.64E-09	1.72E-06	1.95E-04	0.00E+00	1.59E-07	0.00E+00	3.64E-09	5.88E-06	0.00E+00	0.00E+00	1.95E-04
411	ALL	463129	3773158	NonCancer	0.00E+00	4.76E-08	0.00E+00	3.36E-09	3.36E-09	1.59E-06	1.83E-04	0.00E+00	1.47E-07	0.00E+00	3.36E-09	5.44E-06	0.00E+00	0.00E+00	1.83E-04
412	ALL	463129	3773148	NonCancer	0.00E+00	4.41E-08	0.00E+00	3.12E-09	3.12E-09	1.47E-06	1.70E-04	0.00E+00	1.36E-07	0.00E+00	3.12E-09	5.04E-06	0.00E+00	0.00E+00	1.70E-04
413	ALL	463130.7	3773293	NonCancer	0.00E+00	9.76E-08	0.00E+00	6.90E-09	6.90E-09	3.25E-06	2.76E-04	0.00E+00	3.00E-07	0.00E+00	6.90E-09	1.11E-05	0.00E+00	0.00E+00	2.76E-04
414	ALL	463127.6	3773301	NonCancer	0.00E+00	8.05E-08	0.00E+00	5.69E-09	5.69E-09	2.68E-06	2.35E-04	0.00E+00	2.48E-07	0.00E+00	5.69E-09	9.19E-06	0.00E+00	0.00E+00	2.35E-04
415	ALL	463121.4	3773318	NonCancer	0.00E+00	5.95E-08	0.00E+00	4.21E-09	4.21E-09	1.99E-06	1.82E-04	0.00E+00	1.83E-07	0.00E+00	4.21E-09	6.80E-06	0.00E+00	0.00E+00	1.82E-04
416	ALL	463149.2	3773233	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.91E-09	7.91E-09	3.73E-06	3.31E-04	0.00E+00	3.45E-07	0.00E+00	7.91E-09	1.28E-05	0.00E+00	0.00E+00	3.31E-04
417	ALL	463149.1	3773224	NonCancer	0.00E+00	8.96E-08	0.00E+00	6.33E-09	6.33E-09	2.99E-06	2.77E-04	0.00E+00	2.76E-07	0.00E+00	6.33E-09	1.02E-05	0.00E+00	0.00E+00	2.77E-04
418	ALL	463149.1	3773214	NonCancer	0.00E+00	7.62E-08	0.00E+00	5.38E-09	5.38E-09	2.54E-06	2.45E-04	0.00E+00	2.35E-07	0.00E+00	5.38E-09	8.70E-06	0.00E+00	0.00E+00	2.45E-04
419	ALL	463149.1	3773205	NonCancer	0.00E+00	6.70E-08	0.00E+00	4.73E-09	4.73E-09	2.23E-06	2.22E-04	0.00E+00	2.06E-07	0.00E+00	4.73E-09	7.64E-06	0.00E+00	0.00E+00	2.22E-04
420	ALL	463149.1	3773195	NonCancer	0.00E+00	6.01E-08	0.00E+00	4.25E-09	4.25E-09	2.00E-06	2.05E-04	0.00E+00	1.85E-07	0.00E+00	4.25E-09	6.86E-06	0.00E+00	0.00E+00	2.05E-04
421	ALL	463149.1	3773186	NonCancer	0.00E+00	5.47E-08	0.00E+00	3.86E-09	3.86E-09	1.82E-06	1.91E-04	0.00E+00	1.68E-07	0.00E+00	3.86E-09	6.24E-06	0.00E+00	0.00E+00	1.91E-04
422	ALL	463149.1	3773177	NonCancer	0.00E+00	5.01E-08	0.00E+00	3.54E-09	3.54E-09	1.67E-06	1.78E-04	0.00E+00	1.54E-07	0.00E+00	3.54E-09	5.72E-06	0.00E+00	0.00E+00	1.78E-04
423	ALL	463149	3773167	NonCancer	0.00E+00	4.62E-08	0.00E+00	3.27E-09	3.27E-09	1.54E-06	1.67E-04	0.00E+00	1.42E-07	0.00E+00	3.27E-09	5.28E-06	0.00E+00	0.00E+00	1.67E-04
424	ALL	463149	3773158	NonCancer	0.00E+00	4.28E-08	0.00E+00	3.03E-09	3.03E-09	1.43E-06	1.56E-04	0.00E+00	1.32E-07	0.00E+00	3.03E-09	4.89E-06	0.00E+00	0.00E+00	1.56E-04
425	ALL	463149	3773148	NonCancer	0.00E+00	3.98E-08	0.00E+00	2.81E-09	2.81E-09	1.33E-06	1.47E-04	0.00E+00	1.23E-07	0.00E+00	2.81E-09	4.54E-06	0.00E+00	0.00E+00	1.47E-04
426	ALL	463153	3773286	NonCancer	0.00E+00	1.16E-07	0.00E+00	8.21E-09	8.21E-09	3.87E-06	3.12E-04	0.00E+00	3.58E-07	0.00E+00	8.21E-09	1.33E-05	0.00E+00	0.00E+00	3.12E-04
427	ALL	463149.8	3773295	NonCancer	0.00E+00	9.12E-08	0.00E+00	6.44E-09	6.44E-09	3.04E-06	2.55E-04	0.00E+00	2.81E-07	0.00E+00	6.44E-09	1.04E-05	0.00E+00	0.00E+00	2.55E-04
428	ALL	463146.5	3773304	NonCancer	0.00E+00	7.56E-08	0.00E+00	5.34E-09	5.34E-09	2.52E-06	2.18E-04	0.00E+00	2.33E-07	0.00E+00	5.34E-09	8.63E-06	0.00E+00	0.00E+00	2.18E-04
429	ALL	463143.3	3773312	NonCancer	0.00E+00	6.47E-08	0.00E+00	4.57E-09	4.57E-09	2.16E-06	1.91E-04	0.00E+00	1.99E-07	0.00E+00	4.57E-09	7.38E-06	0.00E+00	0.00E+00	1.91E-04
430	ALL	463140.1	3773321	NonCancer	0.00E+00	5.65E-08	0.00E+00	3.99E-09	3.99E-09	1.88E-06	1.70E-04	0.00E+00	1.74E-07	0.00E+00	3.99E-09	6.44E-06	0.00E+00	0.00E+00	1.70E-04

431	ALL	463136.8	3773330	NonCancer	0.00E+00	4.99E-08	0.00E+00	3.53E-09	3.53E-09	1.66E-06	1.53E-04	0.00E+00	1.54E-07	0.00E+00	3.53E-09	5.70E-06	0.00E+00	0.00E+00	1.53E-04
432	ALL	463133.6	3773339	NonCancer	0.00E+00	4.46E-08	0.00E+00	3.15E-09	3.15E-09	1.49E-06	1.38E-04	0.00E+00	1.37E-07	0.00E+00	3.15E-09	5.09E-06	0.00E+00	0.00E+00	1.38E-04
433	ALL	463169.2	3773233	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.64E-09	7.64E-09	3.61E-06	3.11E-04	0.00E+00	3.33E-07	0.00E+00	7.64E-09	1.23E-05	0.00E+00	0.00E+00	3.11E-04
434	ALL	463169.1	3773224	NonCancer	0.00E+00	8.56E-08	0.00E+00	6.05E-09	6.05E-09	2.86E-06	2.56E-04	0.00E+00	2.64E-07	0.00E+00	6.05E-09	9.77E-06	0.00E+00	0.00E+00	2.56E-04
435	ALL	463169.1	3773214	NonCancer	0.00E+00	7.21E-08	0.00E+00	5.09E-09	5.09E-09	2.40E-06	2.23E-04	0.00E+00	2.22E-07	0.00E+00	5.09E-09	8.23E-06	0.00E+00	0.00E+00	2.23E-04
436	ALL	463169.1	3773205	NonCancer	0.00E+00	6.28E-08	0.00E+00	4.44E-09	4.44E-09	2.10E-06	2.00E-04	0.00E+00	1.93E-07	0.00E+00	4.44E-09	7.17E-06	0.00E+00	0.00E+00	2.00E-04
437	ALL	463169.1	3773195	NonCancer	0.00E+00	5.61E-08	0.00E+00	3.96E-09	3.96E-09	1.87E-06	1.83E-04	0.00E+00	1.73E-07	0.00E+00	3.96E-09	6.40E-06	0.00E+00	0.00E+00	1.83E-04
438	ALL	463169.1	3773186	NonCancer	0.00E+00	5.08E-08	0.00E+00	3.59E-09	3.59E-09	1.69E-06	1.70E-04	0.00E+00	1.56E-07	0.00E+00	3.59E-09	5.79E-06	0.00E+00	0.00E+00	1.70E-04
439	ALL	463169.1	3773177	NonCancer	0.00E+00	4.64E-08	0.00E+00	3.28E-09	3.28E-09	1.55E-06	1.58E-04	0.00E+00	1.43E-07	0.00E+00	3.28E-09	5.30E-06	0.00E+00	0.00E+00	1.58E-04
440	ALL	463169	3773167	NonCancer	0.00E+00	4.28E-08	0.00E+00	3.02E-09	3.02E-09	1.43E-06	1.48E-04	0.00E+00	1.32E-07	0.00E+00	3.02E-09	4.88E-06	0.00E+00	0.00E+00	1.48E-04
441	ALL	463169	3773158	NonCancer	0.00E+00	3.97E-08	0.00E+00	2.80E-09	2.80E-09	1.32E-06	1.39E-04	0.00E+00	1.22E-07	0.00E+00	2.80E-09	4.53E-06	0.00E+00	0.00E+00	1.39E-04
442	ALL	463169	3773148	NonCancer	0.00E+00	3.69E-08	0.00E+00	2.61E-09	2.61E-09	1.23E-06	1.30E-04	0.00E+00	1.14E-07	0.00E+00	2.61E-09	4.21E-06	0.00E+00	0.00E+00	1.30E-04
443	ALL	463170.5	3773293	NonCancer	0.00E+00	9.48E-08	0.00E+00	6.70E-09	6.70E-09	3.16E-06	2.58E-04	0.00E+00	2.92E-07	0.00E+00	6.70E-09	1.08E-05	0.00E+00	0.00E+00	2.58E-04
444	ALL	463167.3	3773301	NonCancer	0.00E+00	7.84E-08	0.00E+00	5.54E-09	5.54E-09	2.62E-06	2.20E-04	0.00E+00	2.41E-07	0.00E+00	5.54E-09	8.95E-06	0.00E+00	0.00E+00	2.20E-04
445	ALL	463164.2	3773310	NonCancer	0.00E+00	6.72E-08	0.00E+00	4.75E-09	4.75E-09	2.24E-06	1.93E-04	0.00E+00	2.07E-07	0.00E+00	4.75E-09	7.67E-06	0.00E+00	0.00E+00	1.93E-04
446	ALL	463158	3773327	NonCancer	0.00E+00	5.22E-08	0.00E+00	3.69E-09	3.69E-09	1.74E-06	1.56E-04	0.00E+00	1.61E-07	0.00E+00	3.69E-09	5.96E-06	0.00E+00	0.00E+00	1.56E-04
447	ALL	463154.9	3773335	NonCancer	0.00E+00	4.69E-08	0.00E+00	3.31E-09	3.31E-09	1.56E-06	1.42E-04	0.00E+00	1.44E-07	0.00E+00	3.31E-09	5.35E-06	0.00E+00	0.00E+00	1.42E-04
448	ALL	463148.6	3773352	NonCancer	0.00E+00	3.87E-08	0.00E+00	2.73E-09	2.73E-09	1.29E-06	1.19E-04	0.00E+00	1.19E-07	0.00E+00	2.73E-09	4.42E-06	0.00E+00	0.00E+00	1.19E-04
449	ALL	463189.2	3773233	NonCancer	0.00E+00	1.05E-07	0.00E+00	7.42E-09	7.42E-09	3.50E-06	2.96E-04	0.00E+00	3.23E-07	0.00E+00	7.42E-09	1.20E-05	0.00E+00	0.00E+00	2.96E-04
450	ALL	463189.1	3773224	NonCancer	0.00E+00	8.27E-08	0.00E+00	5.84E-09	5.84E-09	2.76E-06	2.40E-04	0.00E+00	2.55E-07	0.00E+00	5.84E-09	9.44E-06	0.00E+00	0.00E+00	2.40E-04
451	ALL	463189.1	3773214	NonCancer	0.00E+00	6.92E-08	0.00E+00	4.89E-09	4.89E-09	2.31E-06	2.07E-04	0.00E+00	2.13E-07	0.00E+00	4.89E-09	7.90E-06	0.00E+00	0.00E+00	2.07E-04
452	ALL	463189.1	3773205	NonCancer	0.00E+00	6.00E-08	0.00E+00	4.24E-09	4.24E-09	2.00E-06	1.85E-04	0.00E+00	1.85E-07	0.00E+00	4.24E-09	6.85E-06	0.00E+00	0.00E+00	1.85E-04
453	ALL	463189.1	3773195	NonCancer	0.00E+00	5.33E-08	0.00E+00	3.77E-09	3.77E-09	1.78E-06	1.68E-04	0.00E+00	1.64E-07	0.00E+00	3.77E-09	6.08E-06	0.00E+00	0.00E+00	1.68E-04
454	ALL	463189.1	3773186	NonCancer	0.00E+00	4.81E-08	0.00E+00	3.40E-09	3.40E-09	1.60E-06	1.55E-04	0.00E+00	1.48E-07	0.00E+00	3.40E-09	5.49E-06	0.00E+00	0.00E+00	1.55E-04
455	ALL	463189.1	3773177	NonCancer	0.00E+00	4.39E-08	0.00E+00	3.10E-09	3.10E-09	1.46E-06	1.44E-04	0.00E+00	1.35E-07	0.00E+00	3.10E-09	5.01E-06	0.00E+00	0.00E+00	1.44E-04
456	ALL	463189	3773167	NonCancer	0.00E+00	4.04E-08	0.00E+00	2.86E-09	2.86E-09	1.35E-06	1.34E-04	0.00E+00	1.24E-07	0.00E+00	2.86E-09	4.62E-06	0.00E+00	0.00E+00	1.34E-04
457	ALL	463189	3773158	NonCancer	0.00E+00	3.75E-08	0.00E+00	2.65E-09	2.65E-09	1.25E-06	1.26E-04	0.00E+00	1.15E-07	0.00E+00	2.65E-09	4.28E-06	0.00E+00	0.00E+00	1.26E-04
458	ALL	463189	3773148	NonCancer	0.00E+00	3.49E-08	0.00E+00	2.47E-09	2.47E-09	1.17E-06	1.19E-04	0.00E+00	1.08E-07	0.00E+00	2.47E-09	3.99E-06	0.00E+00	0.00E+00	1.19E-04
459	ALL	463193	3773286	NonCancer	0.00E+00	1.15E-07	0.00E+00	8.13E-09	8.13E-09	3.84E-06	2.99E-04	0.00E+00	3.54E-07	0.00E+00	8.13E-09	1.31E-05	0.00E+00	0.00E+00	2.99E-04
460	ALL	463189.8	3773295	NonCancer	0.00E+00	9.00E-08	0.00E+00	6.36E-09	6.36E-09	3.00E-06	2.42E-04	0.00E+00	2.77E-07	0.00E+00	6.36E-09	1.03E-05	0.00E+00	0.00E+00	2.42E-04
461	ALL	463186.5	3773304	NonCancer	0.00E+00	7.47E-08	0.00E+00	5.28E-09	5.28E-09	2.49E-06	2.07E-04	0.00E+00	2.30E-07	0.00E+00	5.28E-09	8.53E-06	0.00E+00	0.00E+00	2.07E-04
462	ALL	463183.3	3773312	NonCancer	0.00E+00	6.42E-08	0.00E+00	4.54E-09	4.54E-09	2.14E-06	1.82E-04	0.00E+00	1.98E-07	0.00E+00	4.54E-09	7.33E-06	0.00E+00	0.00E+00	1.82E-04
463	ALL	463180.1	3773321	NonCancer	0.00E+00	5.64E-08	0.00E+00	3.98E-09	3.98E-09	1.88E-06	1.63E-04	0.00E+00	1.74E-07	0.00E+00	3.98E-09	6.44E-06	0.00E+00	0.00E+00	1.63E-04
464	ALL	463176.8	3773330	NonCancer	0.00E+00	5.02E-08	0.00E+00	3.55E-09	3.55E-09	1.67E-06	1.48E-04	0.00E+00	1.55E-07	0.00E+00	3.55E-09	5.73E-06	0.00E+00	0.00E+00	1.48E-04
465	ALL	463173.6	3773339	NonCancer	0.00E+00	4.52E-08	0.00E+00	3.20E-09	3.20E-09	1.51E-06	1.35E-04	0.00E+00	1.39E-07	0.00E+00	3.20E-09	5.16E-06	0.00E+00	0.00E+00	1.35E-04
466	ALL	463170.4	3773347	NonCancer	0.00E+00	4.11E-08	0.00E+00	2.90E-09	2.90E-09	1.37E-06	1.24E-04	0.00E+00	1.26E-07	0.00E+00	2.90E-09	4.69E-06	0.00E+00	0.00E+00	1.24E-04
467	ALL	463167.1	3773356	NonCancer	0.00E+00	3.75E-08	0.00E+00	2.65E-09	2.65E-09	1.25E-06	1.14E-04	0.00E+00	1.16E-07	0.00E+00	2.65E-09	4.29E-06	0.00E+00	0.00E+00	1.14E-04
468	ALL	463163.9	3773365	NonCancer	0.00E+00	3.45E-08	0.00E+00	2.44E-09	2.44E-09	1.15E-06	1.06E-04	0.00E+00	1.06E-07	0.00E+00	2.44E-09	3.94E-06	0.00E+00	0.00E+00	1.06E-04
469	ALL	463209.2	3773233	NonCancer	0.00E+00	1.03E-07	0.00E+00	7.25E-09	7.25E-09	3.42E-06	2.84E-04	0.00E+00	3.16E-07	0.00E+00	7.25E-09	1.17E-05	0.00E+00	0.00E+00	2.84E-04
470	ALL	463209.1	3773224	NonCancer	0.00E+00	8.05E-08	0.00E+00	5.69E-09	5.69E-09	2.68E-06	2.29E-04	0.00E+00	2.48E-07	0.00E+00	5.69E-09	9.19E-06	0.00E+00	0.00E+00	2.29E-04
471	ALL	463209.1	3773214	NonCancer	0.00E+00	6.71E-08	0.00E+00	4.74E-09	4.74E-09	2.24E-06	1.96E-04	0.00E+00	2.07E-07	0.00E+00	4.74E-09	7.66E-06	0.00E+00	0.00E+00	1.96E-04
472	ALL	463209.1	3773205	NonCancer	0.00E+00	5.80E-08	0.00E+00	4.10E-09	4.10E-09	1.93E-06	1.74E-04	0.00E+00	1.78E-07	0.00E+00	4.10E-09	6.62E-06	0.00E+00	0.00E+00	1.74E-04
473	ALL	463209.1	3773195	NonCancer	0.00E+00	5.13E-08	0.00E+00	3.63E-09	3.63E-09	1.71E-06	1.57E-04	0.00E+00	1.58E-07	0.00E+00	3.63E-09	5.86E-06	0.00E+00	0.00E+00	1.57E-04
474	ALL	463209.1	3773186	NonCancer	0.00E+00	4.62E-08	0.00E+00	3.26E-09	3.26E-09	1.54E-06	1.44E-04	0.00E+00	1.42E-07	0.00E+00	3.26E-09	5.27E-06	0.00E+00	0.00E+00	1.44E-04
475	ALL	463209.1	3773177	NonCancer	0.00E+00	4.21E-08	0.00E+00	2.98E-09	2.98E-09	1.40E-06	1.34E-04	0.00E+00	1.30E-07	0.00E+00	2.98E-09	4.81E-06	0.00E+00	0.00E+00	1.34E-04
476	ALL	463209	3773167	NonCancer	0.00E+00	3.88E-08	0.00E+00	2.74E-09	2.74E-09	1.29E-06	1.25E-04	0.00E+00	1.19E-07	0.00E+00	2.74E-09	4.43E-06	0.00E+00	0.00E+00	1.25E-04
477	ALL	463209	3773158	NonCancer	0.00E+00	3.60E-08	0.00E+00	2.54E-09	2.54E-09	1.20E-06	1.17E-04	0.00E+00	1.11E-07	0.00E+00	2.54E-09	4.10E-06	0.00E+00	0.00E+00	1.17E-04
478	ALL	463209	3773148	NonCancer	0.00E+00	3.35E-08	0.00E+00	2.37E-09	2.37E-09	1.12E-06	1.10E-04	0.00E+00	1.03E-07	0.00E+00	2.37E-09	3.83E-06	0.00E+00	0.00E+00	1.10E-04
479	ALL	463213.5	3773285	NonCancer	0.00E+00	1.20E-07	0.00E+00	8.48E-09	8.48E-09	4.00E-06	3.06E-04	0.00E+00	3.70E-07	0.00E+00	8.48E-09	1.37E-05	0.00E+00	0.00E+00	3.06E-04
480	ALL	463210.3	3773293	NonCancer	0.00E+00	9.31E-08	0.00E+00	6.58E-09	6.58E-09	3.11E-06	2.46E-04	0.00E+00	2.87E-07	0.00E+00	6.58E-09	1.06E-05	0.00E+00	0.00E+00	2.46E-04
481	ALL	463207.2	3773302	NonCancer	0.00E+00	7.71E-08	0.00E+00	5.45E-09	5.45E-09	2.57E-06	2.09E-04	0.00E+00	2.37E-07	0.00E+00	5.45E-09	8.80E-06	0.00E+00	0.00E+00	2.09E-04
482	ALL	463204.1	3773310	NonCancer	0.00E+00	6.62E-08	0.00E+00	4.68E-09	4.68E-09	2.21E-06	1.84E-04	0.00E+00	2.04E-07	0.00E+00	4.68E-09	7.56E-06	0.00E+00	0.00E+00	1.84E-04
483	ALL	463200.9	3773319	NonCancer	0.00E+00	5.82E-08	0.00E+00	4.11E-09	4.11E-09	1.94E-06	1.65E-04	0.00E+00	1.79E-07	0.00E+00	4.11E-09	6.64E-06	0.00E+00	0.00E+00	1.65E-04
484	ALL	463197.8	3773327	NonCancer	0.00E+00	5.19E-08	0.00E+00	3.67E-09	3.67E-09	1.73E-06	1.49E-04	0.00E+00	1.60E-07	0.00E+00	3.67E-09	5.93E-06	0.00E+00	0.00E+00	1.49E-04

485	ALL	463194.6	3773336	NonCancer	0.00E+00	4.69E-08	0.00E+00	3.31E-09	3.31E-09	1.56E-06	1.37E-04	0.00E+00	1.44E-07	0.00E+00	3.31E-09	5.35E-06	0.00E+00	0.00E+00	1.37E-04
486	ALL	463191.5	3773344	NonCancer	0.00E+00	4.27E-08	0.00E+00	3.02E-09	3.02E-09	1.42E-06	1.26E-04	0.00E+00	1.32E-07	0.00E+00	3.02E-09	4.88E-06	0.00E+00	0.00E+00	1.26E-04
487	ALL	463188.4	3773353	NonCancer	0.00E+00	3.92E-08	0.00E+00	2.77E-09	2.77E-09	1.31E-06	1.17E-04	0.00E+00	1.21E-07	0.00E+00	2.77E-09	4.47E-06	0.00E+00	0.00E+00	1.17E-04
488	ALL	463182.1	3773370	NonCancer	0.00E+00	3.35E-08	0.00E+00	2.37E-09	2.37E-09	1.12E-06	1.02E-04	0.00E+00	1.03E-07	0.00E+00	2.37E-09	3.82E-06	0.00E+00	0.00E+00	1.02E-04
489	ALL	463178.9	3773378	NonCancer	0.00E+00	3.11E-08	0.00E+00	2.20E-09	2.20E-09	1.04E-06	9.52E-05	0.00E+00	9.59E-08	0.00E+00	2.20E-09	3.55E-06	0.00E+00	0.00E+00	9.52E-05
490	ALL	463229.2	3773233	NonCancer	0.00E+00	1.01E-07	0.00E+00	7.13E-09	7.13E-09	3.36E-06	2.75E-04	0.00E+00	3.10E-07	0.00E+00	7.13E-09	1.15E-05	0.00E+00	0.00E+00	2.75E-04
491	ALL	463229.1	3773224	NonCancer	0.00E+00	7.89E-08	0.00E+00	5.57E-09	5.57E-09	2.63E-06	2.20E-04	0.00E+00	2.43E-07	0.00E+00	5.57E-09	9.00E-06	0.00E+00	0.00E+00	2.20E-04
492	ALL	463229.1	3773214	NonCancer	0.00E+00	6.55E-08	0.00E+00	4.63E-09	4.63E-09	2.19E-06	1.87E-04	0.00E+00	2.02E-07	0.00E+00	4.63E-09	7.48E-06	0.00E+00	0.00E+00	1.87E-04
493	ALL	463229.1	3773205	NonCancer	0.00E+00	5.65E-08	0.00E+00	3.99E-09	3.99E-09	1.88E-06	1.65E-04	0.00E+00	1.74E-07	0.00E+00	3.99E-09	6.45E-06	0.00E+00	0.00E+00	1.65E-04
494	ALL	463229.1	3773195	NonCancer	0.00E+00	4.99E-08	0.00E+00	3.53E-09	3.53E-09	1.66E-06	1.49E-04	0.00E+00	1.54E-07	0.00E+00	3.53E-09	5.70E-06	0.00E+00	0.00E+00	1.49E-04
495	ALL	463229.1	3773186	NonCancer	0.00E+00	4.49E-08	0.00E+00	3.17E-09	3.17E-09	1.50E-06	1.36E-04	0.00E+00	1.38E-07	0.00E+00	3.17E-09	5.12E-06	0.00E+00	0.00E+00	1.36E-04
496	ALL	463229.1	3773176	NonCancer	0.00E+00	4.09E-08	0.00E+00	2.89E-09	2.89E-09	1.36E-06	1.26E-04	0.00E+00	1.26E-07	0.00E+00	2.89E-09	4.67E-06	0.00E+00	0.00E+00	1.26E-04
497	ALL	463229	3773167	NonCancer	0.00E+00	3.76E-08	0.00E+00	2.66E-09	2.66E-09	1.25E-06	1.18E-04	0.00E+00	1.16E-07	0.00E+00	2.66E-09	4.29E-06	0.00E+00	0.00E+00	1.18E-04
498	ALL	463229	3773158	NonCancer	0.00E+00	3.49E-08	0.00E+00	2.47E-09	2.47E-09	1.16E-06	1.10E-04	0.00E+00	1.07E-07	0.00E+00	2.47E-09	3.98E-06	0.00E+00	0.00E+00	1.10E-04
499	ALL	463229	3773148	NonCancer	0.00E+00	3.26E-08	0.00E+00	2.30E-09	2.30E-09	1.09E-06	1.04E-04	0.00E+00	1.00E-07	0.00E+00	2.30E-09	3.72E-06	0.00E+00	0.00E+00	1.04E-04
500	ALL	463233	3773286	NonCancer	0.00E+00	1.15E-07	0.00E+00	8.11E-09	8.11E-09	3.83E-06	2.91E-04	0.00E+00	3.53E-07	0.00E+00	8.11E-09	1.31E-05	0.00E+00	0.00E+00	2.91E-04
501	ALL	463229.8	3773295	NonCancer	0.00E+00	8.95E-08	0.00E+00	6.32E-09	6.32E-09	2.98E-06	2.34E-04	0.00E+00	2.75E-07	0.00E+00	6.32E-09	1.02E-05	0.00E+00	0.00E+00	2.34E-04
502	ALL	463226.5	3773304	NonCancer	0.00E+00	7.43E-08	0.00E+00	5.25E-09	5.25E-09	2.48E-06	1.99E-04	0.00E+00	2.29E-07	0.00E+00	5.25E-09	8.48E-06	0.00E+00	0.00E+00	1.99E-04
503	ALL	463223.3	3773312	NonCancer	0.00E+00	6.39E-08	0.00E+00	4.52E-09	4.52E-09	2.13E-06	1.75E-04	0.00E+00	1.97E-07	0.00E+00	4.52E-09	7.29E-06	0.00E+00	0.00E+00	1.75E-04
504	ALL	463220.1	3773321	NonCancer	0.00E+00	5.63E-08	0.00E+00	3.98E-09	3.98E-09	1.88E-06	1.57E-04	0.00E+00	1.73E-07	0.00E+00	3.98E-09	6.42E-06	0.00E+00	0.00E+00	1.57E-04
505	ALL	463216.8	3773330	NonCancer	0.00E+00	5.03E-08	0.00E+00	3.56E-09	3.56E-09	1.68E-06	1.43E-04	0.00E+00	1.55E-07	0.00E+00	3.56E-09	5.75E-06	0.00E+00	0.00E+00	1.43E-04
506	ALL	463213.6	3773338	NonCancer	0.00E+00	4.56E-08	0.00E+00	3.22E-09	3.22E-09	1.52E-06	1.31E-04	0.00E+00	1.40E-07	0.00E+00	3.22E-09	5.20E-06	0.00E+00	0.00E+00	1.31E-04
507	ALL	463210.4	3773347	NonCancer	0.00E+00	4.16E-08	0.00E+00	2.94E-09	2.94E-09	1.39E-06	1.22E-04	0.00E+00	1.28E-07	0.00E+00	2.94E-09	4.75E-06	0.00E+00	0.00E+00	1.22E-04
508	ALL	463207.1	3773356	NonCancer	0.00E+00	3.83E-08	0.00E+00	2.71E-09	2.71E-09	1.28E-06	1.13E-04	0.00E+00	1.18E-07	0.00E+00	2.71E-09	4.37E-06	0.00E+00	0.00E+00	1.13E-04
509	ALL	463203.9	3773365	NonCancer	0.00E+00	3.54E-08	0.00E+00	2.50E-09	2.50E-09	1.18E-06	1.05E-04	0.00E+00	1.09E-07	0.00E+00	2.50E-09	4.04E-06	0.00E+00	0.00E+00	1.05E-04
510	ALL	463200.6	3773373	NonCancer	0.00E+00	3.29E-08	0.00E+00	2.32E-09	2.32E-09	1.10E-06	9.86E-05	0.00E+00	1.01E-07	0.00E+00	2.32E-09	3.75E-06	0.00E+00	0.00E+00	9.86E-05
511	ALL	463197.4	3773382	NonCancer	0.00E+00	3.07E-08	0.00E+00	2.17E-09	2.17E-09	1.02E-06	9.25E-05	0.00E+00	9.44E-08	0.00E+00	2.17E-09	3.50E-06	0.00E+00	0.00E+00	9.25E-05
512	ALL	463194.2	3773391	NonCancer	0.00E+00	2.87E-08	0.00E+00	2.03E-09	2.03E-09	9.57E-07	8.71E-05	0.00E+00	8.83E-08	0.00E+00	2.03E-09	3.28E-06	0.00E+00	0.00E+00	8.71E-05
513	ALL	463249.2	3773233	NonCancer	0.00E+00	9.94E-08	0.00E+00	7.02E-09	7.02E-09	3.31E-06	2.68E-04	0.00E+00	3.06E-07	0.00E+00	7.02E-09	1.13E-05	0.00E+00	0.00E+00	2.68E-04
514	ALL	463249.1	3773224	NonCancer	0.00E+00	7.76E-08	0.00E+00	5.48E-09	5.48E-09	2.59E-06	2.14E-04	0.00E+00	2.39E-07	0.00E+00	5.48E-09	8.86E-06	0.00E+00	0.00E+00	2.14E-04
515	ALL	463249.1	3773214	NonCancer	0.00E+00	6.44E-08	0.00E+00	4.55E-09	4.55E-09	2.15E-06	1.81E-04	0.00E+00	1.98E-07	0.00E+00	4.55E-09	7.35E-06	0.00E+00	0.00E+00	1.81E-04
516	ALL	463249.1	3773205	NonCancer	0.00E+00	5.54E-08	0.00E+00	3.92E-09	3.92E-09	1.85E-06	1.59E-04	0.00E+00	1.71E-07	0.00E+00	3.92E-09	6.33E-06	0.00E+00	0.00E+00	1.59E-04
517	ALL	463249.1	3773195	NonCancer	0.00E+00	4.89E-08	0.00E+00	3.46E-09	3.46E-09	1.63E-06	1.43E-04	0.00E+00	1.51E-07	0.00E+00	3.46E-09	5.58E-06	0.00E+00	0.00E+00	1.43E-04
518	ALL	463249.1	3773186	NonCancer	0.00E+00	4.39E-08	0.00E+00	3.10E-09	3.10E-09	1.47E-06	1.31E-04	0.00E+00	1.35E-07	0.00E+00	3.10E-09	5.02E-06	0.00E+00	0.00E+00	1.31E-04
519	ALL	463249.1	3773176	NonCancer	0.00E+00	4.00E-08	0.00E+00	2.83E-09	2.83E-09	1.33E-06	1.21E-04	0.00E+00	1.23E-07	0.00E+00	2.83E-09	4.57E-06	0.00E+00	0.00E+00	1.21E-04
520	ALL	463249	3773167	NonCancer	0.00E+00	3.68E-08	0.00E+00	2.60E-09	2.60E-09	1.23E-06	1.13E-04	0.00E+00	1.13E-07	0.00E+00	2.60E-09	4.20E-06	0.00E+00	0.00E+00	1.13E-04
521	ALL	463249	3773158	NonCancer	0.00E+00	3.42E-08	0.00E+00	2.41E-09	2.41E-09	1.14E-06	1.06E-04	0.00E+00	1.05E-07	0.00E+00	2.41E-09	3.90E-06	0.00E+00	0.00E+00	1.06E-04
522	ALL	463249	3773148	NonCancer	0.00E+00	3.19E-08	0.00E+00	2.25E-09	2.25E-09	1.06E-06	9.98E-05	0.00E+00	9.82E-08	0.00E+00	2.25E-09	3.64E-06	0.00E+00	0.00E+00	9.98E-05
523	ALL	463253.4	3773285	NonCancer	0.00E+00	1.20E-07	0.00E+00	8.45E-09	8.45E-09	3.99E-06	2.98E-04	0.00E+00	3.68E-07	0.00E+00	8.45E-09	1.36E-05	0.00E+00	0.00E+00	2.98E-04
524	ALL	463250.3	3773293	NonCancer	0.00E+00	9.24E-08	0.00E+00	6.53E-09	6.53E-09	3.08E-06	2.38E-04	0.00E+00	2.85E-07	0.00E+00	6.53E-09	1.06E-05	0.00E+00	0.00E+00	2.38E-04
525	ALL	463247.1	3773302	NonCancer	0.00E+00	7.64E-08	0.00E+00	5.40E-09	5.40E-09	2.55E-06	2.02E-04	0.00E+00	2.35E-07	0.00E+00	5.40E-09	8.72E-06	0.00E+00	0.00E+00	2.02E-04
526	ALL	463243.9	3773310	NonCancer	0.00E+00	6.57E-08	0.00E+00	4.64E-09	4.64E-09	2.19E-06	1.77E-04	0.00E+00	2.02E-07	0.00E+00	4.64E-09	7.50E-06	0.00E+00	0.00E+00	1.77E-04
527	ALL	463240.8	3773319	NonCancer	0.00E+00	5.78E-08	0.00E+00	4.09E-09	4.09E-09	1.93E-06	1.59E-04	0.00E+00	1.78E-07	0.00E+00	4.09E-09	6.60E-06	0.00E+00	0.00E+00	1.59E-04
528	ALL	463237.6	3773328	NonCancer	0.00E+00	5.18E-08	0.00E+00	3.66E-09	3.66E-09	1.73E-06	1.45E-04	0.00E+00	1.60E-07	0.00E+00	3.66E-09	5.91E-06	0.00E+00	0.00E+00	1.45E-04
529	ALL	463234.5	3773336	NonCancer	0.00E+00	4.70E-08	0.00E+00	3.32E-09	3.32E-09	1.57E-06	1.33E-04	0.00E+00	1.45E-07	0.00E+00	3.32E-09	5.36E-06	0.00E+00	0.00E+00	1.33E-04
530	ALL	463231.3	3773345	NonCancer	0.00E+00	4.30E-08	0.00E+00	3.04E-09	3.04E-09	1.43E-06	1.23E-04	0.00E+00	1.32E-07	0.00E+00	3.04E-09	4.91E-06	0.00E+00	0.00E+00	1.23E-04
531	ALL	463228.2	3773353	NonCancer	0.00E+00	3.96E-08	0.00E+00	2.80E-09	2.80E-09	1.32E-06	1.15E-04	0.00E+00	1.22E-07	0.00E+00	2.80E-09	4.52E-06	0.00E+00	0.00E+00	1.15E-04
532	ALL	463225	3773362	NonCancer	0.00E+00	3.68E-08	0.00E+00	2.60E-09	2.60E-09	1.23E-06	1.08E-04	0.00E+00	1.13E-07	0.00E+00	2.60E-09	4.20E-06	0.00E+00	0.00E+00	1.08E-04
533	ALL	463221.9	3773370	NonCancer	0.00E+00	3.43E-08	0.00E+00	2.42E-09	2.42E-09	1.14E-06	1.01E-04	0.00E+00	1.05E-07	0.00E+00	2.42E-09	3.91E-06	0.00E+00	0.00E+00	1.01E-04
534	ALL	463218.7	3773379	NonCancer	0.00E+00	3.20E-08	0.00E+00	2.26E-09	2.26E-09	1.07E-06	9.51E-05	0.00E+00	9.86E-08	0.00E+00	2.26E-09	3.66E-06	0.00E+00	0.00E+00	9.51E-05
535	ALL	463215.6	3773387	NonCancer	0.00E+00	3.01E-08	0.00E+00	2.13E-09	2.13E-09	1.00E-06	8.98E-05	0.00E+00	9.26E-08	0.00E+00	2.13E-09	3.43E-06	0.00E+00	0.00E+00	8.98E-05
536	ALL	463212.4	3773396	NonCancer	0.00E+00	2.83E-08	0.00E+00	2.00E-09	2.00E-09	9.45E-07	8.50E-05	0.00E+00	8.72E-08	0.00E+00	2.00E-09	3.23E-06	0.00E+00	0.00E+00	8.50E-05
537	ALL	463209.2	3773404	NonCancer	0.00E+00	2.68E-08	0.00E+00	1.89E-09	1.89E-09	8.93E-07	8.06E-05	0.00E+00	8.24E-08	0.00E+00	1.89E-09	3.06E-06	0.00E+00	0.00E+00	8.06E-05
538	ALL	463269.2	3773233	NonCancer	0.00E+00	9.80E-08	0.00E+00	6.93E-09	6.93E-09	3.27E-06	2.62E-04	0.00E+00	3.02E-07	0.00E+00	6.93E-09	1.12E-05	0.00E+00	0.00E+00	2.62E-04

539	ALL	463269.1	3773224	NonCancer	0.00E+00	7.66E-08	0.00E+00	5.41E-09	5.41E-09	2.55E-06	2.08E-04	0.00E+00	2.36E-07	0.00E+00	5.41E-09	8.74E-06	0.00E+00	0.00E+00	2.08E-04
540	ALL	463269.1	3773214	NonCancer	0.00E+00	6.35E-08	0.00E+00	4.49E-09	4.49E-09	2.12E-06	1.76E-04	0.00E+00	1.96E-07	0.00E+00	4.49E-09	7.25E-06	0.00E+00	0.00E+00	1.76E-04
541	ALL	463269.1	3773205	NonCancer	0.00E+00	5.47E-08	0.00E+00	3.86E-09	3.86E-09	1.82E-06	1.55E-04	0.00E+00	1.68E-07	0.00E+00	3.86E-09	6.24E-06	0.00E+00	0.00E+00	1.55E-04
542	ALL	463269.1	3773195	NonCancer	0.00E+00	4.82E-08	0.00E+00	3.41E-09	3.41E-09	1.61E-06	1.39E-04	0.00E+00	1.48E-07	0.00E+00	3.41E-09	5.50E-06	0.00E+00	0.00E+00	1.39E-04
543	ALL	463269.1	3773186	NonCancer	0.00E+00	4.33E-08	0.00E+00	3.06E-09	3.06E-09	1.44E-06	1.27E-04	0.00E+00	1.33E-07	0.00E+00	3.06E-09	4.94E-06	0.00E+00	0.00E+00	1.27E-04
544	ALL	463269.1	3773176	NonCancer	0.00E+00	3.94E-08	0.00E+00	2.79E-09	2.79E-09	1.31E-06	1.17E-04	0.00E+00	1.21E-07	0.00E+00	2.79E-09	4.50E-06	0.00E+00	0.00E+00	1.17E-04
545	ALL	463269	3773167	NonCancer	0.00E+00	3.63E-08	0.00E+00	2.56E-09	2.56E-09	1.21E-06	1.09E-04	0.00E+00	1.12E-07	0.00E+00	2.56E-09	4.14E-06	0.00E+00	0.00E+00	1.09E-04
546	ALL	463269	3773158	NonCancer	0.00E+00	3.37E-08	0.00E+00	2.38E-09	2.38E-09	1.12E-06	1.02E-04	0.00E+00	1.04E-07	0.00E+00	2.38E-09	3.85E-06	0.00E+00	0.00E+00	1.02E-04
547	ALL	463269	3773148	NonCancer	0.00E+00	3.15E-08	0.00E+00	2.23E-09	2.23E-09	1.05E-06	9.67E-05	0.00E+00	9.70E-08	0.00E+00	2.23E-09	3.59E-06	0.00E+00	0.00E+00	9.67E-05
548	ALL	463273	3773286	NonCancer	0.00E+00	1.15E-07	0.00E+00	8.16E-09	8.16E-09	3.85E-06	2.87E-04	0.00E+00	3.55E-07	0.00E+00	8.16E-09	1.32E-05	0.00E+00	0.00E+00	2.87E-04
549	ALL	463269.8	3773295	NonCancer	0.00E+00	8.96E-08	0.00E+00	6.33E-09	6.33E-09	2.99E-06	2.29E-04	0.00E+00	2.76E-07	0.00E+00	6.33E-09	1.02E-05	0.00E+00	0.00E+00	2.29E-04
550	ALL	463266.5	3773303	NonCancer	0.00E+00	7.43E-08	0.00E+00	5.25E-09	5.25E-09	2.48E-06	1.95E-04	0.00E+00	2.29E-07	0.00E+00	5.25E-09	8.49E-06	0.00E+00	0.00E+00	1.95E-04
551	ALL	463263.3	3773312	NonCancer	0.00E+00	6.40E-08	0.00E+00	4.52E-09	4.52E-09	2.14E-06	1.71E-04	0.00E+00	1.97E-07	0.00E+00	4.52E-09	7.31E-06	0.00E+00	0.00E+00	1.71E-04
552	ALL	463260.1	3773321	NonCancer	0.00E+00	5.65E-08	0.00E+00	3.99E-09	3.99E-09	1.88E-06	1.54E-04	0.00E+00	1.74E-07	0.00E+00	3.99E-09	6.45E-06	0.00E+00	0.00E+00	1.54E-04
553	ALL	463256.8	3773330	NonCancer	0.00E+00	5.07E-08	0.00E+00	3.58E-09	3.58E-09	1.69E-06	1.40E-04	0.00E+00	1.56E-07	0.00E+00	3.58E-09	5.79E-06	0.00E+00	0.00E+00	1.40E-04
554	ALL	463253.6	3773338	NonCancer	0.00E+00	4.61E-08	0.00E+00	3.26E-09	3.26E-09	1.54E-06	1.29E-04	0.00E+00	1.42E-07	0.00E+00	3.26E-09	5.26E-06	0.00E+00	0.00E+00	1.29E-04
555	ALL	463250.4	3773347	NonCancer	0.00E+00	4.23E-08	0.00E+00	2.99E-09	2.99E-09	1.41E-06	1.20E-04	0.00E+00	1.30E-07	0.00E+00	2.99E-09	4.82E-06	0.00E+00	0.00E+00	1.20E-04
556	ALL	463247.1	3773356	NonCancer	0.00E+00	3.90E-08	0.00E+00	2.76E-09	2.76E-09	1.30E-06	1.12E-04	0.00E+00	1.20E-07	0.00E+00	2.76E-09	4.45E-06	0.00E+00	0.00E+00	1.12E-04
557	ALL	463243.9	3773365	NonCancer	0.00E+00	3.63E-08	0.00E+00	2.56E-09	2.56E-09	1.21E-06	1.05E-04	0.00E+00	1.12E-07	0.00E+00	2.56E-09	4.14E-06	0.00E+00	0.00E+00	1.05E-04
558	ALL	463240.6	3773373	NonCancer	0.00E+00	3.39E-08	0.00E+00	2.40E-09	2.40E-09	1.13E-06	9.89E-05	0.00E+00	1.04E-07	0.00E+00	2.40E-09	3.87E-06	0.00E+00	0.00E+00	9.89E-05
559	ALL	463237.4	3773382	NonCancer	0.00E+00	3.18E-08	0.00E+00	2.25E-09	2.25E-09	1.06E-06	9.34E-05	0.00E+00	9.80E-08	0.00E+00	2.25E-09	3.63E-06	0.00E+00	0.00E+00	9.34E-05
560	ALL	463234.2	3773391	NonCancer	0.00E+00	3.00E-08	0.00E+00	2.12E-09	2.12E-09	9.99E-07	8.84E-05	0.00E+00	9.22E-08	0.00E+00	2.12E-09	3.42E-06	0.00E+00	0.00E+00	8.84E-05
561	ALL	463230.9	3773400	NonCancer	0.00E+00	2.83E-08	0.00E+00	2.00E-09	2.00E-09	9.43E-07	8.38E-05	0.00E+00	8.71E-08	0.00E+00	2.00E-09	3.23E-06	0.00E+00	0.00E+00	8.38E-05
562	ALL	463227.7	3773408	NonCancer	0.00E+00	2.68E-08	0.00E+00	1.89E-09	1.89E-09	8.93E-07	7.97E-05	0.00E+00	8.24E-08	0.00E+00	1.89E-09	3.06E-06	0.00E+00	0.00E+00	7.97E-05
563	ALL	463224.5	3773417	NonCancer	0.00E+00	2.54E-08	0.00E+00	1.80E-09	1.80E-09	8.48E-07	7.59E-05	0.00E+00	7.82E-08	0.00E+00	1.80E-09	2.90E-06	0.00E+00	0.00E+00	7.59E-05
564	ALL	463289.2	3773233	NonCancer	0.00E+00	9.71E-08	0.00E+00	6.86E-09	6.86E-09	3.24E-06	2.57E-04	0.00E+00	2.99E-07	0.00E+00	6.86E-09	1.11E-05	0.00E+00	0.00E+00	2.57E-04
565	ALL	463289.1	3773223	NonCancer	0.00E+00	7.59E-08	0.00E+00	5.36E-09	5.36E-09	2.53E-06	2.05E-04	0.00E+00	2.34E-07	0.00E+00	5.36E-09	8.66E-06	0.00E+00	0.00E+00	2.05E-04
566	ALL	463289.1	3773214	NonCancer	0.00E+00	6.29E-08	0.00E+00	4.45E-09	4.45E-09	2.10E-06	1.73E-04	0.00E+00	1.94E-07	0.00E+00	4.45E-09	7.18E-06	0.00E+00	0.00E+00	1.73E-04
567	ALL	463289.1	3773205	NonCancer	0.00E+00	5.41E-08	0.00E+00	3.82E-09	3.82E-09	1.80E-06	1.51E-04	0.00E+00	1.67E-07	0.00E+00	3.82E-09	6.18E-06	0.00E+00	0.00E+00	1.51E-04
568	ALL	463289.1	3773195	NonCancer	0.00E+00	4.77E-08	0.00E+00	3.37E-09	3.37E-09	1.59E-06	1.36E-04	0.00E+00	1.47E-07	0.00E+00	3.37E-09	5.45E-06	0.00E+00	0.00E+00	1.36E-04
569	ALL	463289.1	3773186	NonCancer	0.00E+00	4.29E-08	0.00E+00	3.03E-09	3.03E-09	1.43E-06	1.24E-04	0.00E+00	1.32E-07	0.00E+00	3.03E-09	4.89E-06	0.00E+00	0.00E+00	1.24E-04
570	ALL	463289.1	3773176	NonCancer	0.00E+00	3.91E-08	0.00E+00	2.76E-09	2.76E-09	1.30E-06	1.14E-04	0.00E+00	1.20E-07	0.00E+00	2.76E-09	4.46E-06	0.00E+00	0.00E+00	1.14E-04
571	ALL	463289	3773167	NonCancer	0.00E+00	3.60E-08	0.00E+00	2.54E-09	2.54E-09	1.20E-06	1.07E-04	0.00E+00	1.11E-07	0.00E+00	2.54E-09	4.11E-06	0.00E+00	0.00E+00	1.07E-04
572	ALL	463289	3773158	NonCancer	0.00E+00	3.35E-08	0.00E+00	2.37E-09	2.37E-09	1.12E-06	1.00E-04	0.00E+00	1.03E-07	0.00E+00	2.37E-09	3.82E-06	0.00E+00	0.00E+00	1.00E-04
573	ALL	463289	3773148	NonCancer	0.00E+00	3.13E-08	0.00E+00	2.21E-09	2.21E-09	1.05E-06	9.49E-05	0.00E+00	9.65E-08	0.00E+00	2.21E-09	3.58E-06	0.00E+00	0.00E+00	9.49E-05
574	ALL	463293.4	3773285	NonCancer	0.00E+00	1.20E-07	0.00E+00	8.48E-09	8.48E-09	4.00E-06	2.95E-04	0.00E+00	3.70E-07	0.00E+00	8.48E-09	1.37E-05	0.00E+00	0.00E+00	2.95E-04
575	ALL	463290.2	3773294	NonCancer	0.00E+00	9.26E-08	0.00E+00	6.55E-09	6.55E-09	3.09E-06	2.34E-04	0.00E+00	2.85E-07	0.00E+00	6.55E-09	1.06E-05	0.00E+00	0.00E+00	2.34E-04
576	ALL	463287	3773302	NonCancer	0.00E+00	7.66E-08	0.00E+00	5.41E-09	5.41E-09	2.55E-06	1.98E-04	0.00E+00	2.36E-07	0.00E+00	5.41E-09	8.74E-06	0.00E+00	0.00E+00	1.98E-04
577	ALL	463283.9	3773311	NonCancer	0.00E+00	6.59E-08	0.00E+00	4.66E-09	4.66E-09	2.20E-06	1.74E-04	0.00E+00	2.03E-07	0.00E+00	4.66E-09	7.52E-06	0.00E+00	0.00E+00	1.74E-04
578	ALL	463280.7	3773319	NonCancer	0.00E+00	5.82E-08	0.00E+00	4.11E-09	4.11E-09	1.94E-06	1.56E-04	0.00E+00	1.79E-07	0.00E+00	4.11E-09	6.64E-06	0.00E+00	0.00E+00	1.56E-04
579	ALL	463277.5	3773328	NonCancer	0.00E+00	5.23E-08	0.00E+00	3.69E-09	3.69E-09	1.74E-06	1.42E-04	0.00E+00	1.61E-07	0.00E+00	3.69E-09	5.97E-06	0.00E+00	0.00E+00	1.42E-04
580	ALL	463274.4	3773336	NonCancer	0.00E+00	4.76E-08	0.00E+00	3.36E-09	3.36E-09	1.59E-06	1.31E-04	0.00E+00	1.47E-07	0.00E+00	3.36E-09	5.43E-06	0.00E+00	0.00E+00	1.31E-04
581	ALL	463271.2	3773345	NonCancer	0.00E+00	4.37E-08	0.00E+00	3.09E-09	3.09E-09	1.46E-06	1.22E-04	0.00E+00	1.35E-07	0.00E+00	3.09E-09	4.99E-06	0.00E+00	0.00E+00	1.22E-04
582	ALL	463268	3773353	NonCancer	0.00E+00	4.05E-08	0.00E+00	2.86E-09	2.86E-09	1.35E-06	1.14E-04	0.00E+00	1.25E-07	0.00E+00	2.86E-09	4.62E-06	0.00E+00	0.00E+00	1.14E-04
583	ALL	463264.9	3773362	NonCancer	0.00E+00	3.77E-08	0.00E+00	2.67E-09	2.67E-09	1.26E-06	1.07E-04	0.00E+00	1.16E-07	0.00E+00	2.67E-09	4.31E-06	0.00E+00	0.00E+00	1.07E-04
584	ALL	463261.7	3773370	NonCancer	0.00E+00	3.53E-08	0.00E+00	2.50E-09	2.50E-09	1.18E-06	1.01E-04	0.00E+00	1.09E-07	0.00E+00	2.50E-09	4.03E-06	0.00E+00	0.00E+00	1.01E-04
585	ALL	463258.5	3773379	NonCancer	0.00E+00	3.32E-08	0.00E+00	2.35E-09	2.35E-09	1.11E-06	9.60E-05	0.00E+00	1.02E-07	0.00E+00	2.35E-09	3.79E-06	0.00E+00	0.00E+00	9.60E-05
586	ALL	463255.4	3773388	NonCancer	0.00E+00	3.14E-08	0.00E+00	2.22E-09	2.22E-09	1.05E-06	9.11E-05	0.00E+00	9.66E-08	0.00E+00	2.22E-09	3.58E-06	0.00E+00	0.00E+00	9.11E-05
587	ALL	463252.2	3773396	NonCancer	0.00E+00	2.97E-08	0.00E+00	2.10E-09	2.10E-09	9.91E-07	8.67E-05	0.00E+00	9.15E-08	0.00E+00	2.10E-09	3.39E-06	0.00E+00	0.00E+00	8.67E-05
588	ALL	463249	3773405	NonCancer	0.00E+00	2.82E-08	0.00E+00	1.99E-09	1.99E-09	9.40E-07	8.26E-05	0.00E+00	8.68E-08	0.00E+00	1.99E-09	3.22E-06	0.00E+00	0.00E+00	8.26E-05
589	ALL	463245.9	3773413	NonCancer	0.00E+00	2.68E-08	0.00E+00	1.90E-09	1.90E-09	8.94E-07	7.89E-05	0.00E+00	8.26E-08	0.00E+00	1.90E-09	3.06E-06	0.00E+00	0.00E+00	7.89E-05
590	ALL	463242.7	3773422	NonCancer	0.00E+00	2.56E-08	0.00E+00	1.81E-09	1.81E-09	8.52E-07	7.54E-05	0.00E+00	7.87E-08	0.00E+00	1.81E-09	2.92E-06	0.00E+00	0.00E+00	7.54E-05
591	ALL	463239.5	3773430	NonCancer	0.00E+00	2.44E-08	0.00E+00	1.72E-09	1.72E-09	8.13E-07	7.21E-05	0.00E+00	7.51E-08	0.00E+00	1.72E-09	2.78E-06	0.00E+00	0.00E+00	7.21E-05
592	ALL	463309.2	3773233	NonCancer	0.00E+00	9.64E-08	0.00E+00	6.81E-09	6.81E-09	3.21E-06	2.54E-04	0.00E+00	2.97E-07	0.00E+00	6.81E-09	1.10E-05	0.00E+00	0.00E+00	2.54E-04

593	ALL	463309.1	3773223	NonCancer	0.00E+00	7.53E-08	0.00E+00	5.32E-09	5.32E-09	2.51E-06	2.02E-04	0.00E+00	2.32E-07	0.00E+00	5.32E-09	8.60E-06	0.00E+00	0.00E+00	2.02E-04
594	ALL	463309.1	3773214	NonCancer	0.00E+00	6.25E-08	0.00E+00	4.41E-09	4.41E-09	2.08E-06	1.70E-04	0.00E+00	1.92E-07	0.00E+00	4.41E-09	7.13E-06	0.00E+00	0.00E+00	1.70E-04
595	ALL	463309.1	3773205	NonCancer	0.00E+00	5.38E-08	0.00E+00	3.80E-09	3.80E-09	1.79E-06	1.49E-04	0.00E+00	1.66E-07	0.00E+00	3.80E-09	6.14E-06	0.00E+00	0.00E+00	1.49E-04
596	ALL	463309.1	3773195	NonCancer	0.00E+00	4.75E-08	0.00E+00	3.36E-09	3.36E-09	1.58E-06	1.34E-04	0.00E+00	1.46E-07	0.00E+00	3.36E-09	5.42E-06	0.00E+00	0.00E+00	1.34E-04
597	ALL	463309.1	3773186	NonCancer	0.00E+00	4.27E-08	0.00E+00	3.02E-09	3.02E-09	1.42E-06	1.22E-04	0.00E+00	1.32E-07	0.00E+00	3.02E-09	4.88E-06	0.00E+00	0.00E+00	1.22E-04
598	ALL	463309.1	3773176	NonCancer	0.00E+00	3.90E-08	0.00E+00	2.76E-09	2.76E-09	1.30E-06	1.13E-04	0.00E+00	1.20E-07	0.00E+00	2.76E-09	4.45E-06	0.00E+00	0.00E+00	1.13E-04
599	ALL	463309	3773167	NonCancer	0.00E+00	3.60E-08	0.00E+00	2.54E-09	2.54E-09	1.20E-06	1.06E-04	0.00E+00	1.11E-07	0.00E+00	2.54E-09	4.11E-06	0.00E+00	0.00E+00	1.06E-04
600	ALL	463309	3773157	NonCancer	0.00E+00	3.35E-08	0.00E+00	2.37E-09	2.37E-09	1.12E-06	9.96E-05	0.00E+00	1.03E-07	0.00E+00	2.37E-09	3.83E-06	0.00E+00	0.00E+00	9.96E-05
601	ALL	463309	3773148	NonCancer	0.00E+00	3.15E-08	0.00E+00	2.22E-09	2.22E-09	1.05E-06	9.45E-05	0.00E+00	9.69E-08	0.00E+00	2.22E-09	3.59E-06	0.00E+00	0.00E+00	9.45E-05
602	ALL	463323.2	3773285	NonCancer	0.00E+00	1.20E-07	0.00E+00	8.45E-09	8.45E-09	3.99E-06	2.92E-04	0.00E+00	3.68E-07	0.00E+00	8.45E-09	1.36E-05	0.00E+00	0.00E+00	2.92E-04
603	ALL	463320	3773294	NonCancer	0.00E+00	9.24E-08	0.00E+00	6.53E-09	6.53E-09	3.08E-06	2.32E-04	0.00E+00	2.84E-07	0.00E+00	6.53E-09	1.05E-05	0.00E+00	0.00E+00	2.32E-04
604	ALL	463316.8	3773303	NonCancer	0.00E+00	7.66E-08	0.00E+00	5.41E-09	5.41E-09	2.55E-06	1.96E-04	0.00E+00	2.36E-07	0.00E+00	5.41E-09	8.74E-06	0.00E+00	0.00E+00	1.96E-04
605	ALL	463313.6	3773311	NonCancer	0.00E+00	6.62E-08	0.00E+00	4.68E-09	4.68E-09	2.21E-06	1.73E-04	0.00E+00	2.04E-07	0.00E+00	4.68E-09	7.55E-06	0.00E+00	0.00E+00	1.73E-04
606	ALL	463310.4	3773320	NonCancer	0.00E+00	5.86E-08	0.00E+00	4.14E-09	4.14E-09	1.96E-06	1.55E-04	0.00E+00	1.81E-07	0.00E+00	4.14E-09	6.69E-06	0.00E+00	0.00E+00	1.55E-04
607	ALL	463307.2	3773329	NonCancer	0.00E+00	5.29E-08	0.00E+00	3.74E-09	3.74E-09	1.76E-06	1.42E-04	0.00E+00	1.63E-07	0.00E+00	3.74E-09	6.04E-06	0.00E+00	0.00E+00	1.42E-04
608	ALL	463303.9	3773337	NonCancer	0.00E+00	4.84E-08	0.00E+00	3.42E-09	3.42E-09	1.61E-06	1.31E-04	0.00E+00	1.49E-07	0.00E+00	3.42E-09	5.52E-06	0.00E+00	0.00E+00	1.31E-04
609	ALL	463300.7	3773346	NonCancer	0.00E+00	4.47E-08	0.00E+00	3.16E-09	3.16E-09	1.49E-06	1.22E-04	0.00E+00	1.37E-07	0.00E+00	3.16E-09	5.10E-06	0.00E+00	0.00E+00	1.22E-04
610	ALL	463297.5	3773355	NonCancer	0.00E+00	4.15E-08	0.00E+00	2.94E-09	2.94E-09	1.39E-06	1.15E-04	0.00E+00	1.28E-07	0.00E+00	2.94E-09	4.74E-06	0.00E+00	0.00E+00	1.15E-04
611	ALL	463294.3	3773363	NonCancer	0.00E+00	3.88E-08	0.00E+00	2.75E-09	2.75E-09	1.30E-06	1.08E-04	0.00E+00	1.20E-07	0.00E+00	2.75E-09	4.43E-06	0.00E+00	0.00E+00	1.08E-04
612	ALL	463291.1	3773372	NonCancer	0.00E+00	3.65E-08	0.00E+00	2.58E-09	2.58E-09	1.22E-06	1.03E-04	0.00E+00	1.12E-07	0.00E+00	2.58E-09	4.17E-06	0.00E+00	0.00E+00	1.03E-04
613	ALL	463287.9	3773381	NonCancer	0.00E+00	3.44E-08	0.00E+00	2.43E-09	2.43E-09	1.15E-06	9.75E-05	0.00E+00	1.06E-07	0.00E+00	2.43E-09	3.93E-06	0.00E+00	0.00E+00	9.75E-05
614	ALL	463284.7	3773389	NonCancer	0.00E+00	3.26E-08	0.00E+00	2.30E-09	2.30E-09	1.09E-06	9.28E-05	0.00E+00	1.00E-07	0.00E+00	2.30E-09	3.72E-06	0.00E+00	0.00E+00	9.28E-05
615	ALL	463281.5	3773398	NonCancer	0.00E+00	3.10E-08	0.00E+00	2.19E-09	2.19E-09	1.03E-06	8.86E-05	0.00E+00	9.54E-08	0.00E+00	2.19E-09	3.54E-06	0.00E+00	0.00E+00	8.86E-05
616	ALL	463278.3	3773406	NonCancer	0.00E+00	2.95E-08	0.00E+00	2.08E-09	2.08E-09	9.84E-07	8.47E-05	0.00E+00	9.08E-08	0.00E+00	2.08E-09	3.37E-06	0.00E+00	0.00E+00	8.47E-05
617	ALL	463275.1	3773415	NonCancer	0.00E+00	2.81E-08	0.00E+00	1.99E-09	1.99E-09	9.38E-07	8.11E-05	0.00E+00	8.66E-08	0.00E+00	1.99E-09	3.21E-06	0.00E+00	0.00E+00	8.11E-05
618	ALL	463271.9	3773424	NonCancer	0.00E+00	2.69E-08	0.00E+00	1.90E-09	1.90E-09	8.96E-07	7.77E-05	0.00E+00	8.27E-08	0.00E+00	1.90E-09	3.07E-06	0.00E+00	0.00E+00	7.77E-05
619	ALL	463268.7	3773432	NonCancer	0.00E+00	2.57E-08	0.00E+00	1.82E-09	1.82E-09	8.57E-07	7.45E-05	0.00E+00	7.92E-08	0.00E+00	1.82E-09	2.93E-06	0.00E+00	0.00E+00	7.45E-05
620	ALL	463265.5	3773441	NonCancer	0.00E+00	2.46E-08	0.00E+00	1.74E-09	1.74E-09	8.21E-07	7.15E-05	0.00E+00	7.58E-08	0.00E+00	1.74E-09	2.81E-06	0.00E+00	0.00E+00	7.15E-05
621	ALL	463262.3	3773450	NonCancer	0.00E+00	2.36E-08	0.00E+00	1.67E-09	1.67E-09	7.88E-07	6.88E-05	0.00E+00	7.28E-08	0.00E+00	1.67E-09	2.70E-06	0.00E+00	0.00E+00	6.88E-05
622	ALL	463339.2	3773233	NonCancer	0.00E+00	9.55E-08	0.00E+00	6.75E-09	6.75E-09	3.18E-06	2.51E-04	0.00E+00	2.94E-07	0.00E+00	6.75E-09	1.09E-05	0.00E+00	0.00E+00	2.51E-04
623	ALL	463339.1	3773223	NonCancer	0.00E+00	7.48E-08	0.00E+00	5.28E-09	5.28E-09	2.49E-06	2.00E-04	0.00E+00	2.30E-07	0.00E+00	5.28E-09	8.54E-06	0.00E+00	0.00E+00	2.00E-04
624	ALL	463339.1	3773214	NonCancer	0.00E+00	6.22E-08	0.00E+00	4.40E-09	4.40E-09	2.08E-06	1.69E-04	0.00E+00	1.92E-07	0.00E+00	4.40E-09	7.10E-06	0.00E+00	0.00E+00	1.69E-04
625	ALL	463339.1	3773205	NonCancer	0.00E+00	5.38E-08	0.00E+00	3.80E-09	3.80E-09	1.79E-06	1.49E-04	0.00E+00	1.66E-07	0.00E+00	3.80E-09	6.14E-06	0.00E+00	0.00E+00	1.49E-04
626	ALL	463339.1	3773195	NonCancer	0.00E+00	4.77E-08	0.00E+00	3.37E-09	3.37E-09	1.59E-06	1.34E-04	0.00E+00	1.47E-07	0.00E+00	3.37E-09	5.45E-06	0.00E+00	0.00E+00	1.34E-04
627	ALL	463339.1	3773186	NonCancer	0.00E+00	4.32E-08	0.00E+00	3.05E-09	3.05E-09	1.44E-06	1.23E-04	0.00E+00	1.33E-07	0.00E+00	3.05E-09	4.93E-06	0.00E+00	0.00E+00	1.23E-04
628	ALL	463339.1	3773176	NonCancer	0.00E+00	3.97E-08	0.00E+00	2.80E-09	2.80E-09	1.32E-06	1.15E-04	0.00E+00	1.22E-07	0.00E+00	2.80E-09	4.53E-06	0.00E+00	0.00E+00	1.15E-04
629	ALL	463339	3773167	NonCancer	0.00E+00	3.69E-08	0.00E+00	2.61E-09	2.61E-09	1.23E-06	1.08E-04	0.00E+00	1.14E-07	0.00E+00	2.61E-09	4.21E-06	0.00E+00	0.00E+00	1.08E-04
630	ALL	463339	3773157	NonCancer	0.00E+00	3.46E-08	0.00E+00	2.44E-09	2.44E-09	1.15E-06	1.02E-04	0.00E+00	1.07E-07	0.00E+00	2.44E-09	3.95E-06	0.00E+00	0.00E+00	1.02E-04
631	ALL	463339	3773148	NonCancer	0.00E+00	3.27E-08	0.00E+00	2.31E-09	2.31E-09	1.09E-06	9.76E-05	0.00E+00	1.01E-07	0.00E+00	2.31E-09	3.73E-06	0.00E+00	0.00E+00	9.76E-05
632	ALL	463353	3773286	NonCancer	0.00E+00	1.20E-07	0.00E+00	8.49E-09	8.49E-09	4.01E-06	2.93E-04	0.00E+00	3.70E-07	0.00E+00	8.49E-09	1.37E-05	0.00E+00	0.00E+00	2.93E-04
633	ALL	463349.8	3773295	NonCancer	0.00E+00	9.37E-08	0.00E+00	6.62E-09	6.62E-09	3.12E-06	2.34E-04	0.00E+00	2.88E-07	0.00E+00	6.62E-09	1.07E-05	0.00E+00	0.00E+00	2.34E-04
634	ALL	463346.5	3773303	NonCancer	0.00E+00	7.83E-08	0.00E+00	5.53E-09	5.53E-09	2.61E-06	1.99E-04	0.00E+00	2.41E-07	0.00E+00	5.53E-09	8.94E-06	0.00E+00	0.00E+00	1.99E-04
635	ALL	463343.3	3773312	NonCancer	0.00E+00	6.82E-08	0.00E+00	4.82E-09	4.82E-09	2.27E-06	1.76E-04	0.00E+00	2.10E-07	0.00E+00	4.82E-09	7.78E-06	0.00E+00	0.00E+00	1.76E-04
636	ALL	463340.1	3773321	NonCancer	0.00E+00	6.08E-08	0.00E+00	4.30E-09	4.30E-09	2.03E-06	1.59E-04	0.00E+00	1.87E-07	0.00E+00	4.30E-09	6.95E-06	0.00E+00	0.00E+00	1.59E-04
637	ALL	463336.8	3773329	NonCancer	0.00E+00	5.52E-08	0.00E+00	3.90E-09	3.90E-09	1.84E-06	1.46E-04	0.00E+00	1.70E-07	0.00E+00	3.90E-09	6.30E-06	0.00E+00	0.00E+00	1.46E-04
638	ALL	463333.6	3773338	NonCancer	0.00E+00	5.08E-08	0.00E+00	3.59E-09	3.59E-09	1.69E-06	1.36E-04	0.00E+00	1.56E-07	0.00E+00	3.59E-09	5.80E-06	0.00E+00	0.00E+00	1.36E-04
639	ALL	463330.4	3773347	NonCancer	0.00E+00	4.71E-08	0.00E+00	3.33E-09	3.33E-09	1.57E-06	1.27E-04	0.00E+00	1.45E-07	0.00E+00	3.33E-09	5.38E-06	0.00E+00	0.00E+00	1.27E-04
640	ALL	463327.1	3773356	NonCancer	0.00E+00	4.40E-08	0.00E+00	3.11E-09	3.11E-09	1.47E-06	1.19E-04	0.00E+00	1.35E-07	0.00E+00	3.11E-09	5.02E-06	0.00E+00	0.00E+00	1.19E-04
641	ALL	463323.9	3773364	NonCancer	0.00E+00	4.13E-08	0.00E+00	2.92E-09	2.92E-09	1.38E-06	1.13E-04	0.00E+00	1.27E-07	0.00E+00	2.92E-09	4.72E-06	0.00E+00	0.00E+00	1.13E-04
642	ALL	463320.6	3773373	NonCancer	0.00E+00	3.90E-08	0.00E+00	2.75E-09	2.75E-09	1.30E-06	1.07E-04	0.00E+00	1.20E-07	0.00E+00	2.75E-09	4.45E-06	0.00E+00	0.00E+00	1.07E-04
643	ALL	463317.4	3773382	NonCancer	0.00E+00	3.69E-08	0.00E+00	2.60E-09	2.60E-09	1.23E-06	1.02E-04	0.00E+00	1.13E-07	0.00E+00	2.60E-09	4.21E-06	0.00E+00	0.00E+00	1.02E-04
644	ALL	463314.2	3773391	NonCancer	0.00E+00	3.50E-08	0.00E+00	2.47E-09	2.47E-09	1.17E-06	9.74E-05	0.00E+00	1.08E-07	0.00E+00	2.47E-09	3.99E-06	0.00E+00	0.00E+00	9.74E-05
645	ALL	463310.9	3773399	NonCancer	0.00E+00	3.33E-08	0.00E+00	2.35E-09	2.35E-09	1.11E-06	9.31E-05	0.00E+00	1.03E-07	0.00E+00	2.35E-09	3.80E-06	0.00E+00	0.00E+00	9.31E-05
646	ALL	463307.7	3773408	NonCancer	0.00E+00	3.18E-08	0.00E+00	2.25E-09	2.25E-09	1.06E-06	8.92E-05	0.00E+00	9.79E-08	0.00E+00	2.25E-09	3.63E-06	0.00E+00	0.00E+00	8.92E-05

647	ALL	463304.5	3773417	NonCancer	0.00E+00	3.04E-08	0.00E+00	2.15E-09	2.15E-09	1.01E-06	8.56E-05	0.00E+00	9.36E-08	0.00E+00	2.15E-09	3.47E-06	0.00E+00	0.00E+00	8.56E-05
648	ALL	463301.2	3773426	NonCancer	0.00E+00	2.91E-08	0.00E+00	2.05E-09	2.05E-09	9.70E-07	8.21E-05	0.00E+00	8.95E-08	0.00E+00	2.05E-09	3.32E-06	0.00E+00	0.00E+00	8.21E-05
649	ALL	463298	3773434	NonCancer	0.00E+00	2.79E-08	0.00E+00	1.97E-09	1.97E-09	9.29E-07	7.89E-05	0.00E+00	8.58E-08	0.00E+00	1.97E-09	3.18E-06	0.00E+00	0.00E+00	7.89E-05
650	ALL	463294.8	3773443	NonCancer	0.00E+00	2.67E-08	0.00E+00	1.89E-09	1.89E-09	8.91E-07	7.59E-05	0.00E+00	8.23E-08	0.00E+00	1.89E-09	3.05E-06	0.00E+00	0.00E+00	7.59E-05
651	ALL	463291.5	3773452	NonCancer	0.00E+00	2.57E-08	0.00E+00	1.82E-09	1.82E-09	8.57E-07	7.31E-05	0.00E+00	7.91E-08	0.00E+00	1.82E-09	2.93E-06	0.00E+00	0.00E+00	7.31E-05
652	ALL	463369.2	3773233	NonCancer	0.00E+00	9.46E-08	0.00E+00	6.68E-09	6.68E-09	3.15E-06	2.52E-04	0.00E+00	2.91E-07	0.00E+00	6.68E-09	1.08E-05	0.00E+00	0.00E+00	2.52E-04
653	ALL	463369.1	3773223	NonCancer	0.00E+00	7.51E-08	0.00E+00	5.30E-09	5.30E-09	2.50E-06	2.04E-04	0.00E+00	2.31E-07	0.00E+00	5.30E-09	8.57E-06	0.00E+00	0.00E+00	2.04E-04
654	ALL	463369.1	3773214	NonCancer	0.00E+00	6.35E-08	0.00E+00	4.48E-09	4.48E-09	2.12E-06	1.75E-04	0.00E+00	1.95E-07	0.00E+00	4.48E-09	7.24E-06	0.00E+00	0.00E+00	1.75E-04
655	ALL	463369.1	3773204	NonCancer	0.00E+00	5.58E-08	0.00E+00	3.94E-09	3.94E-09	1.86E-06	1.57E-04	0.00E+00	1.72E-07	0.00E+00	3.94E-09	6.37E-06	0.00E+00	0.00E+00	1.57E-04
656	ALL	463369.1	3773195	NonCancer	0.00E+00	5.04E-08	0.00E+00	3.56E-09	3.56E-09	1.68E-06	1.44E-04	0.00E+00	1.55E-07	0.00E+00	3.56E-09	5.75E-06	0.00E+00	0.00E+00	1.44E-04
657	ALL	463369.1	3773186	NonCancer	0.00E+00	4.64E-08	0.00E+00	3.28E-09	3.28E-09	1.55E-06	1.35E-04	0.00E+00	1.43E-07	0.00E+00	3.28E-09	5.30E-06	0.00E+00	0.00E+00	1.35E-04
658	ALL	463369.1	3773176	NonCancer	0.00E+00	4.33E-08	0.00E+00	3.06E-09	3.06E-09	1.44E-06	1.27E-04	0.00E+00	1.33E-07	0.00E+00	3.06E-09	4.94E-06	0.00E+00	0.00E+00	1.27E-04
659	ALL	463369	3773167	NonCancer	0.00E+00	4.08E-08	0.00E+00	2.88E-09	2.88E-09	1.36E-06	1.21E-04	0.00E+00	1.26E-07	0.00E+00	2.88E-09	4.66E-06	0.00E+00	0.00E+00	1.21E-04
660	ALL	463369	3773157	NonCancer	0.00E+00	3.87E-08	0.00E+00	2.74E-09	2.74E-09	1.29E-06	1.16E-04	0.00E+00	1.19E-07	0.00E+00	2.74E-09	4.42E-06	0.00E+00	0.00E+00	1.16E-04
661	ALL	463369	3773148	NonCancer	0.00E+00	3.70E-08	0.00E+00	2.62E-09	2.62E-09	1.23E-06	1.12E-04	0.00E+00	1.14E-07	0.00E+00	2.62E-09	4.23E-06	0.00E+00	0.00E+00	1.12E-04
662	ALL	463382.9	3773286	NonCancer	0.00E+00	1.26E-07	0.00E+00	8.89E-09	8.89E-09	4.20E-06	3.07E-04	0.00E+00	3.87E-07	0.00E+00	8.89E-09	1.44E-05	0.00E+00	0.00E+00	3.07E-04
663	ALL	463379.6	3773295	NonCancer	0.00E+00	1.01E-07	0.00E+00	7.16E-09	7.16E-09	3.38E-06	2.52E-04	0.00E+00	3.12E-07	0.00E+00	7.16E-09	1.16E-05	0.00E+00	0.00E+00	2.52E-04
664	ALL	463376.3	3773304	NonCancer	0.00E+00	8.67E-08	0.00E+00	6.13E-09	6.13E-09	2.89E-06	2.18E-04	0.00E+00	2.67E-07	0.00E+00	6.13E-09	9.89E-06	0.00E+00	0.00E+00	2.18E-04
665	ALL	463373.1	3773313	NonCancer	0.00E+00	7.66E-08	0.00E+00	5.41E-09	5.41E-09	2.56E-06	1.95E-04	0.00E+00	2.36E-07	0.00E+00	5.41E-09	8.75E-06	0.00E+00	0.00E+00	1.95E-04
666	ALL	463369.8	3773321	NonCancer	0.00E+00	6.91E-08	0.00E+00	4.88E-09	4.88E-09	2.30E-06	1.77E-04	0.00E+00	2.13E-07	0.00E+00	4.88E-09	7.88E-06	0.00E+00	0.00E+00	1.77E-04
667	ALL	463366.5	3773330	NonCancer	0.00E+00	6.30E-08	0.00E+00	4.46E-09	4.46E-09	2.10E-06	1.63E-04	0.00E+00	1.94E-07	0.00E+00	4.46E-09	7.20E-06	0.00E+00	0.00E+00	1.63E-04
668	ALL	463363.3	3773339	NonCancer	0.00E+00	5.82E-08	0.00E+00	4.11E-09	4.11E-09	1.94E-06	1.52E-04	0.00E+00	1.79E-07	0.00E+00	4.11E-09	6.64E-06	0.00E+00	0.00E+00	1.52E-04
669	ALL	463360	3773348	NonCancer	0.00E+00	5.40E-08	0.00E+00	3.82E-09	3.82E-09	1.80E-06	1.42E-04	0.00E+00	1.66E-07	0.00E+00	3.82E-09	6.17E-06	0.00E+00	0.00E+00	1.42E-04
670	ALL	463356.8	3773357	NonCancer	0.00E+00	5.05E-08	0.00E+00	3.57E-09	3.57E-09	1.68E-06	1.34E-04	0.00E+00	1.56E-07	0.00E+00	3.57E-09	5.77E-06	0.00E+00	0.00E+00	1.34E-04
671	ALL	463353.5	3773365	NonCancer	0.00E+00	4.74E-08	0.00E+00	3.35E-09	3.35E-09	1.58E-06	1.26E-04	0.00E+00	1.46E-07	0.00E+00	3.35E-09	5.41E-06	0.00E+00	0.00E+00	1.26E-04
672	ALL	463350.2	3773374	NonCancer	0.00E+00	4.47E-08	0.00E+00	3.16E-09	3.16E-09	1.49E-06	1.20E-04	0.00E+00	1.38E-07	0.00E+00	3.16E-09	5.10E-06	0.00E+00	0.00E+00	1.20E-04
673	ALL	463347	3773383	NonCancer	0.00E+00	4.22E-08	0.00E+00	2.98E-09	2.98E-09	1.41E-06	1.14E-04	0.00E+00	1.30E-07	0.00E+00	2.98E-09	4.82E-06	0.00E+00	0.00E+00	1.14E-04
674	ALL	463343.7	3773392	NonCancer	0.00E+00	4.00E-08	0.00E+00	2.83E-09	2.83E-09	1.34E-06	1.08E-04	0.00E+00	1.23E-07	0.00E+00	2.83E-09	4.57E-06	0.00E+00	0.00E+00	1.08E-04
675	ALL	463340.4	3773401	NonCancer	0.00E+00	3.81E-08	0.00E+00	2.69E-09	2.69E-09	1.27E-06	1.04E-04	0.00E+00	1.17E-07	0.00E+00	2.69E-09	4.35E-06	0.00E+00	0.00E+00	1.04E-04
676	ALL	463337.2	3773409	NonCancer	0.00E+00	3.63E-08	0.00E+00	2.57E-09	2.57E-09	1.21E-06	9.91E-05	0.00E+00	1.12E-07	0.00E+00	2.57E-09	4.14E-06	0.00E+00	0.00E+00	9.91E-05
677	ALL	463333.9	3773418	NonCancer	0.00E+00	3.47E-08	0.00E+00	2.45E-09	2.45E-09	1.16E-06	9.49E-05	0.00E+00	1.07E-07	0.00E+00	2.45E-09	3.96E-06	0.00E+00	0.00E+00	9.49E-05
678	ALL	463330.6	3773427	NonCancer	0.00E+00	3.32E-08	0.00E+00	2.34E-09	2.34E-09	1.11E-06	9.11E-05	0.00E+00	1.02E-07	0.00E+00	2.34E-09	3.78E-06	0.00E+00	0.00E+00	9.11E-05
679	ALL	463327.4	3773436	NonCancer	0.00E+00	3.18E-08	0.00E+00	2.24E-09	2.24E-09	1.06E-06	8.75E-05	0.00E+00	9.78E-08	0.00E+00	2.24E-09	3.62E-06	0.00E+00	0.00E+00	8.75E-05
680	ALL	463324.1	3773445	NonCancer	0.00E+00	3.05E-08	0.00E+00	2.15E-09	2.15E-09	1.02E-06	8.41E-05	0.00E+00	9.38E-08	0.00E+00	2.15E-09	3.48E-06	0.00E+00	0.00E+00	8.41E-05
681	ALL	463320.9	3773454	NonCancer	0.00E+00	2.92E-08	0.00E+00	2.07E-09	2.07E-09	9.75E-07	8.09E-05	0.00E+00	9.00E-08	0.00E+00	2.07E-09	3.34E-06	0.00E+00	0.00E+00	8.09E-05
682	ALL	463399.2	3773233	NonCancer	0.00E+00	1.03E-07	0.00E+00	7.28E-09	7.28E-09	3.43E-06	2.95E-04	0.00E+00	3.17E-07	0.00E+00	7.28E-09	1.18E-05	0.00E+00	0.00E+00	2.95E-04
683	ALL	463399.1	3773223	NonCancer	0.00E+00	8.99E-08	0.00E+00	6.35E-09	6.35E-09	3.00E-06	2.65E-04	0.00E+00	2.77E-07	0.00E+00	6.35E-09	1.03E-05	0.00E+00	0.00E+00	2.65E-04
684	ALL	463399.1	3773214	NonCancer	0.00E+00	8.19E-08	0.00E+00	5.78E-09	5.78E-09	2.73E-06	2.46E-04	0.00E+00	2.52E-07	0.00E+00	5.78E-09	9.34E-06	0.00E+00	0.00E+00	2.46E-04
685	ALL	463399.1	3773204	NonCancer	0.00E+00	7.63E-08	0.00E+00	5.39E-09	5.39E-09	2.55E-06	2.33E-04	0.00E+00	2.35E-07	0.00E+00	5.39E-09	8.71E-06	0.00E+00	0.00E+00	2.33E-04
686	ALL	463399.1	3773195	NonCancer	0.00E+00	7.22E-08	0.00E+00	5.10E-09	5.10E-09	2.41E-06	2.24E-04	0.00E+00	2.22E-07	0.00E+00	5.10E-09	8.24E-06	0.00E+00	0.00E+00	2.24E-04
687	ALL	463399.1	3773186	NonCancer	0.00E+00	6.88E-08	0.00E+00	4.86E-09	4.86E-09	2.29E-06	2.16E-04	0.00E+00	2.12E-07	0.00E+00	4.86E-09	7.85E-06	0.00E+00	0.00E+00	2.16E-04
688	ALL	463399.1	3773176	NonCancer	0.00E+00	6.58E-08	0.00E+00	4.65E-09	4.65E-09	2.19E-06	2.09E-04	0.00E+00	2.03E-07	0.00E+00	4.65E-09	7.51E-06	0.00E+00	0.00E+00	2.09E-04
689	ALL	463399	3773167	NonCancer	0.00E+00	6.32E-08	0.00E+00	4.47E-09	4.47E-09	2.11E-06	2.03E-04	0.00E+00	1.95E-07	0.00E+00	4.47E-09	7.22E-06	0.00E+00	0.00E+00	2.03E-04
690	ALL	463399	3773157	NonCancer	0.00E+00	6.11E-08	0.00E+00	4.32E-09	4.32E-09	2.04E-06	1.98E-04	0.00E+00	1.88E-07	0.00E+00	4.32E-09	6.97E-06	0.00E+00	0.00E+00	1.98E-04
691	ALL	463399	3773148	NonCancer	0.00E+00	5.93E-08	0.00E+00	4.19E-09	4.19E-09	1.98E-06	1.94E-04	0.00E+00	1.83E-07	0.00E+00	4.19E-09	6.77E-06	0.00E+00	0.00E+00	1.94E-04
692	ALL	463403.7	3773311	NonCancer	0.00E+00	1.60E-07	0.00E+00	1.13E-08	1.13E-08	5.35E-06	3.73E-04	0.00E+00	4.93E-07	0.00E+00	1.13E-08	1.83E-05	0.00E+00	0.00E+00	3.73E-04
693	ALL	463400.5	3773319	NonCancer	0.00E+00	1.30E-07	0.00E+00	9.21E-09	9.21E-09	4.35E-06	3.10E-04	0.00E+00	4.01E-07	0.00E+00	9.21E-09	1.49E-05	0.00E+00	0.00E+00	3.10E-04
694	ALL	463397.3	3773328	NonCancer	0.00E+00	1.11E-07	0.00E+00	7.81E-09	7.81E-09	3.69E-06	2.67E-04	0.00E+00	3.40E-07	0.00E+00	7.81E-09	1.26E-05	0.00E+00	0.00E+00	2.67E-04
695	ALL	463394.1	3773337	NonCancer	0.00E+00	9.63E-08	0.00E+00	6.81E-09	6.81E-09	3.21E-06	2.36E-04	0.00E+00	2.97E-07	0.00E+00	6.81E-09	1.10E-05	0.00E+00	0.00E+00	2.36E-04
696	ALL	463391	3773345	NonCancer	0.00E+00	8.56E-08	0.00E+00	6.05E-09	6.05E-09	2.85E-06	2.12E-04	0.00E+00	2.64E-07	0.00E+00	6.05E-09	9.77E-06	0.00E+00	0.00E+00	2.12E-04
697	ALL	463387.8	3773354	NonCancer	0.00E+00	7.72E-08	0.00E+00	5.45E-09	5.45E-09	2.57E-06	1.93E-04	0.00E+00	2.38E-07	0.00E+00	5.45E-09	8.81E-06	0.00E+00	0.00E+00	1.93E-04
698	ALL	463384.6	3773362	NonCancer	0.00E+00	7.03E-08	0.00E+00	4.97E-09	4.97E-09	2.35E-06	1.78E-04	0.00E+00	2.16E-07	0.00E+00	4.97E-09	8.03E-06	0.00E+00	0.00E+00	1.78E-04
699	ALL	463381.4	3773371	NonCancer	0.00E+00	6.46E-08	0.00E+00	4.57E-09	4.57E-09	2.16E-06	1.65E-04	0.00E+00	1.99E-07	0.00E+00	4.57E-09	7.38E-06	0.00E+00	0.00E+00	1.65E-04
700	ALL	463378.2	3773380	NonCancer	0.00E+00	5.98E-08	0.00E+00	4.23E-09	4.23E-09	1.99E-06	1.53E-04	0.00E+00	1.84E-07	0.00E+00	4.23E-09	6.83E-06	0.00E+00	0.00E+00	1.53E-04

701	ALL	463375	3773388	NonCancer	0.00E+00	5.57E-08	0.00E+00	3.93E-09	3.93E-09	1.86E-06	1.44E-04	0.00E+00	1.71E-07	0.00E+00	3.93E-09	6.35E-06	0.00E+00	0.00E+00	1.44E-04
702	ALL	463371.9	3773397	NonCancer	0.00E+00	5.21E-08	0.00E+00	3.68E-09	3.68E-09	1.74E-06	1.35E-04	0.00E+00	1.60E-07	0.00E+00	3.68E-09	5.94E-06	0.00E+00	0.00E+00	1.35E-04
703	ALL	463368.7	3773405	NonCancer	0.00E+00	4.89E-08	0.00E+00	3.45E-09	3.45E-09	1.63E-06	1.28E-04	0.00E+00	1.51E-07	0.00E+00	3.45E-09	5.58E-06	0.00E+00	0.00E+00	1.28E-04
704	ALL	463365.5	3773414	NonCancer	0.00E+00	4.61E-08	0.00E+00	3.26E-09	3.26E-09	1.54E-06	1.21E-04	0.00E+00	1.42E-07	0.00E+00	3.26E-09	5.26E-06	0.00E+00	0.00E+00	1.21E-04
705	ALL	463362.3	3773423	NonCancer	0.00E+00	4.36E-08	0.00E+00	3.08E-09	3.08E-09	1.45E-06	1.15E-04	0.00E+00	1.34E-07	0.00E+00	3.08E-09	4.98E-06	0.00E+00	0.00E+00	1.15E-04
706	ALL	463359.1	3773431	NonCancer	0.00E+00	4.14E-08	0.00E+00	2.92E-09	2.92E-09	1.38E-06	1.10E-04	0.00E+00	1.27E-07	0.00E+00	2.92E-09	4.72E-06	0.00E+00	0.00E+00	1.10E-04
707	ALL	463355.9	3773440	NonCancer	0.00E+00	3.93E-08	0.00E+00	2.78E-09	2.78E-09	1.31E-06	1.05E-04	0.00E+00	1.21E-07	0.00E+00	2.78E-09	4.49E-06	0.00E+00	0.00E+00	1.05E-04
708	ALL	463352.7	3773448	NonCancer	0.00E+00	3.75E-08	0.00E+00	2.65E-09	2.65E-09	1.25E-06	1.00E-04	0.00E+00	1.15E-07	0.00E+00	2.65E-09	4.28E-06	0.00E+00	0.00E+00	1.00E-04
709	ALL	463349.6	3773457	NonCancer	0.00E+00	3.58E-08	0.00E+00	2.53E-09	2.53E-09	1.19E-06	9.58E-05	0.00E+00	1.10E-07	0.00E+00	2.53E-09	4.08E-06	0.00E+00	0.00E+00	9.58E-05
710	ALL	463401.4	3773398	NonCancer	0.00E+00	1.20E-07	0.00E+00	8.45E-09	8.45E-09	3.99E-06	2.82E-04	0.00E+00	3.68E-07	0.00E+00	8.45E-09	1.36E-05	0.00E+00	0.00E+00	2.82E-04
711	ALL	463398.2	3773407	NonCancer	0.00E+00	1.00E-07	0.00E+00	7.09E-09	7.09E-09	3.35E-06	2.41E-04	0.00E+00	3.09E-07	0.00E+00	7.09E-09	1.15E-05	0.00E+00	0.00E+00	2.41E-04
712	ALL	463394.9	3773415	NonCancer	0.00E+00	8.68E-08	0.00E+00	6.14E-09	6.14E-09	2.90E-06	2.12E-04	0.00E+00	2.67E-07	0.00E+00	6.14E-09	9.91E-06	0.00E+00	0.00E+00	2.12E-04
713	ALL	463391.7	3773424	NonCancer	0.00E+00	7.69E-08	0.00E+00	5.43E-09	5.43E-09	2.56E-06	1.90E-04	0.00E+00	2.37E-07	0.00E+00	5.43E-09	8.77E-06	0.00E+00	0.00E+00	1.90E-04
714	ALL	463388.5	3773433	NonCancer	0.00E+00	6.91E-08	0.00E+00	4.88E-09	4.88E-09	2.30E-06	1.72E-04	0.00E+00	2.13E-07	0.00E+00	4.88E-09	7.89E-06	0.00E+00	0.00E+00	1.72E-04
715	ALL	463385.3	3773441	NonCancer	0.00E+00	6.29E-08	0.00E+00	4.44E-09	4.44E-09	2.10E-06	1.58E-04	0.00E+00	1.94E-07	0.00E+00	4.44E-09	7.18E-06	0.00E+00	0.00E+00	1.58E-04
716	ALL	463382.1	3773450	NonCancer	0.00E+00	5.78E-08	0.00E+00	4.08E-09	4.08E-09	1.93E-06	1.46E-04	0.00E+00	1.78E-07	0.00E+00	4.08E-09	6.59E-06	0.00E+00	0.00E+00	1.46E-04
717	ALL	463459.2	3773242	NonCancer	0.00E+00	4.63E-08	0.00E+00	3.27E-09	3.27E-09	1.54E-06	1.30E-04	0.00E+00	1.42E-07	0.00E+00	3.27E-09	5.28E-06	0.00E+00	0.00E+00	1.30E-04
718	ALL	463459.2	3773233	NonCancer	0.00E+00	4.48E-08	0.00E+00	3.17E-09	3.17E-09	1.49E-06	1.26E-04	0.00E+00	1.38E-07	0.00E+00	3.17E-09	5.12E-06	0.00E+00	0.00E+00	1.26E-04
719	ALL	463459.1	3773223	NonCancer	0.00E+00	4.35E-08	0.00E+00	3.07E-09	3.07E-09	1.45E-06	1.23E-04	0.00E+00	1.34E-07	0.00E+00	3.07E-09	4.97E-06	0.00E+00	0.00E+00	1.23E-04
720	ALL	463459.1	3773214	NonCancer	0.00E+00	4.23E-08	0.00E+00	2.99E-09	2.99E-09	1.41E-06	1.20E-04	0.00E+00	1.30E-07	0.00E+00	2.99E-09	4.83E-06	0.00E+00	0.00E+00	1.20E-04
721	ALL	463459.1	3773204	NonCancer	0.00E+00	4.13E-08	0.00E+00	2.92E-09	2.92E-09	1.38E-06	1.18E-04	0.00E+00	1.27E-07	0.00E+00	2.92E-09	4.72E-06	0.00E+00	0.00E+00	1.18E-04
722	ALL	463459.1	3773195	NonCancer	0.00E+00	4.05E-08	0.00E+00	2.86E-09	2.86E-09	1.35E-06	1.16E-04	0.00E+00	1.25E-07	0.00E+00	2.86E-09	4.62E-06	0.00E+00	0.00E+00	1.16E-04
723	ALL	463459.1	3773185	NonCancer	0.00E+00	3.98E-08	0.00E+00	2.81E-09	2.81E-09	1.33E-06	1.14E-04	0.00E+00	1.23E-07	0.00E+00	2.81E-09	4.54E-06	0.00E+00	0.00E+00	1.14E-04
724	ALL	463459.1	3773176	NonCancer	0.00E+00	3.92E-08	0.00E+00	2.77E-09	2.77E-09	1.31E-06	1.13E-04	0.00E+00	1.21E-07	0.00E+00	2.77E-09	4.48E-06	0.00E+00	0.00E+00	1.13E-04
725	ALL	463459	3773167	NonCancer	0.00E+00	3.87E-08	0.00E+00	2.74E-09	2.74E-09	1.29E-06	1.11E-04	0.00E+00	1.19E-07	0.00E+00	2.74E-09	4.42E-06	0.00E+00	0.00E+00	1.11E-04
726	ALL	463459	3773157	NonCancer	0.00E+00	3.83E-08	0.00E+00	2.70E-09	2.70E-09	1.28E-06	1.10E-04	0.00E+00	1.18E-07	0.00E+00	2.70E-09	4.37E-06	0.00E+00	0.00E+00	1.10E-04
727	ALL	463459	3773148	NonCancer	0.00E+00	3.78E-08	0.00E+00	2.67E-09	2.67E-09	1.26E-06	1.09E-04	0.00E+00	1.16E-07	0.00E+00	2.67E-09	4.32E-06	0.00E+00	0.00E+00	1.09E-04
728	ALL	463489.2	3773242	NonCancer	0.00E+00	3.13E-08	0.00E+00	2.21E-09	2.21E-09	1.05E-06	8.91E-05	0.00E+00	9.65E-08	0.00E+00	2.21E-09	3.58E-06	0.00E+00	0.00E+00	8.91E-05
729	ALL	463489.2	3773232	NonCancer	0.00E+00	3.06E-08	0.00E+00	2.16E-09	2.16E-09	1.02E-06	8.73E-05	0.00E+00	9.41E-08	0.00E+00	2.16E-09	3.49E-06	0.00E+00	0.00E+00	8.73E-05
730	ALL	463489.1	3773223	NonCancer	0.00E+00	2.98E-08	0.00E+00	2.11E-09	2.11E-09	9.95E-07	8.55E-05	0.00E+00	9.18E-08	0.00E+00	2.11E-09	3.40E-06	0.00E+00	0.00E+00	8.55E-05
731	ALL	463489.1	3773214	NonCancer	0.00E+00	2.92E-08	0.00E+00	2.06E-09	2.06E-09	9.73E-07	8.39E-05	0.00E+00	8.98E-08	0.00E+00	2.06E-09	3.33E-06	0.00E+00	0.00E+00	8.39E-05
732	ALL	463489.1	3773204	NonCancer	0.00E+00	2.86E-08	0.00E+00	2.02E-09	2.02E-09	9.52E-07	8.24E-05	0.00E+00	8.79E-08	0.00E+00	2.02E-09	3.26E-06	0.00E+00	0.00E+00	8.24E-05
733	ALL	463489.1	3773195	NonCancer	0.00E+00	2.80E-08	0.00E+00	1.98E-09	1.98E-09	9.33E-07	8.11E-05	0.00E+00	8.62E-08	0.00E+00	1.98E-09	3.19E-06	0.00E+00	0.00E+00	8.11E-05
734	ALL	463489.1	3773185	NonCancer	0.00E+00	2.75E-08	0.00E+00	1.94E-09	1.94E-09	9.16E-07	7.98E-05	0.00E+00	8.46E-08	0.00E+00	1.94E-09	3.14E-06	0.00E+00	0.00E+00	7.98E-05
735	ALL	463489.1	3773176	NonCancer	0.00E+00	2.70E-08	0.00E+00	1.91E-09	1.91E-09	9.00E-07	7.86E-05	0.00E+00	8.31E-08	0.00E+00	1.91E-09	3.08E-06	0.00E+00	0.00E+00	7.86E-05
736	ALL	463489	3773167	NonCancer	0.00E+00	2.66E-08	0.00E+00	1.88E-09	1.88E-09	8.86E-07	7.76E-05	0.00E+00	8.18E-08	0.00E+00	1.88E-09	3.03E-06	0.00E+00	0.00E+00	7.76E-05
737	ALL	463489	3773157	NonCancer	0.00E+00	2.62E-08	0.00E+00	1.85E-09	1.85E-09	8.72E-07	7.65E-05	0.00E+00	8.05E-08	0.00E+00	1.85E-09	2.99E-06	0.00E+00	0.00E+00	7.65E-05
738	ALL	463489	3773148	NonCancer	0.00E+00	2.58E-08	0.00E+00	1.82E-09	1.82E-09	8.60E-07	7.56E-05	0.00E+00	7.94E-08	0.00E+00	1.82E-09	2.94E-06	0.00E+00	0.00E+00	7.56E-05
739	ALL	463519.2	3773242	NonCancer	0.00E+00	2.39E-08	0.00E+00	1.69E-09	1.69E-09	7.97E-07	6.87E-05	0.00E+00	7.36E-08	0.00E+00	1.69E-09	2.73E-06	0.00E+00	0.00E+00	6.87E-05
740	ALL	463519.2	3773232	NonCancer	0.00E+00	2.34E-08	0.00E+00	1.66E-09	1.66E-09	7.81E-07	6.76E-05	0.00E+00	7.21E-08	0.00E+00	1.66E-09	2.67E-06	0.00E+00	0.00E+00	6.76E-05
741	ALL	463519.1	3773223	NonCancer	0.00E+00	2.30E-08	0.00E+00	1.62E-09	1.62E-09	7.66E-07	6.65E-05	0.00E+00	7.07E-08	0.00E+00	1.62E-09	2.62E-06	0.00E+00	0.00E+00	6.65E-05
742	ALL	463519.1	3773214	NonCancer	0.00E+00	2.25E-08	0.00E+00	1.59E-09	1.59E-09	7.52E-07	6.54E-05	0.00E+00	6.94E-08	0.00E+00	1.59E-09	2.57E-06	0.00E+00	0.00E+00	6.54E-05
743	ALL	463519.1	3773204	NonCancer	0.00E+00	2.21E-08	0.00E+00	1.56E-09	1.56E-09	7.38E-07	6.45E-05	0.00E+00	6.82E-08	0.00E+00	1.56E-09	2.53E-06	0.00E+00	0.00E+00	6.45E-05
744	ALL	463519.1	3773195	NonCancer	0.00E+00	2.18E-08	0.00E+00	1.54E-09	1.54E-09	7.26E-07	6.35E-05	0.00E+00	6.70E-08	0.00E+00	1.54E-09	2.48E-06	0.00E+00	0.00E+00	6.35E-05
745	ALL	463519.1	3773185	NonCancer	0.00E+00	2.14E-08	0.00E+00	1.51E-09	1.51E-09	7.14E-07	6.26E-05	0.00E+00	6.59E-08	0.00E+00	1.51E-09	2.44E-06	0.00E+00	0.00E+00	6.26E-05
746	ALL	463519.1	3773176	NonCancer	0.00E+00	2.11E-08	0.00E+00	1.49E-09	1.49E-09	7.02E-07	6.18E-05	0.00E+00	6.48E-08	0.00E+00	1.49E-09	2.40E-06	0.00E+00	0.00E+00	6.18E-05
747	ALL	463519	3773166	NonCancer	0.00E+00	2.07E-08	0.00E+00	1.47E-09	1.47E-09	6.92E-07	6.10E-05	0.00E+00	6.39E-08	0.00E+00	1.47E-09	2.37E-06	0.00E+00	0.00E+00	6.10E-05
748	ALL	463519	3773157	NonCancer	0.00E+00	2.04E-08	0.00E+00	1.44E-09	1.44E-09	6.82E-07	6.03E-05	0.00E+00	6.29E-08	0.00E+00	1.44E-09	2.33E-06	0.00E+00	0.00E+00	6.03E-05
749	ALL	463519	3773148	NonCancer	0.00E+00	2.02E-08	0.00E+00	1.42E-09	1.42E-09	6.72E-07	5.95E-05	0.00E+00	6.21E-08	0.00E+00	1.42E-09	2.30E-06	0.00E+00	0.00E+00	5.95E-05
750	ALL	463549.2	3773242	NonCancer	0.00E+00	1.93E-08	0.00E+00	1.37E-09	1.37E-09	6.45E-07	5.61E-05	0.00E+00	5.95E-08	0.00E+00	1.37E-09	2.21E-06	0.00E+00	0.00E+00	5.61E-05
751	ALL	463549.2	3773232	NonCancer	0.00E+00	1.90E-08	0.00E+00	1.34E-09	1.34E-09	6.34E-07	5.53E-05	0.00E+00	5.85E-08	0.00E+00	1.34E-09	2.17E-06	0.00E+00	0.00E+00	5.53E-05
752	ALL	463549.1	3773223	NonCancer	0.00E+00	1.87E-08	0.00E+00	1.32E-09	1.32E-09	6.23E-07	5.45E-05	0.00E+00	5.76E-08	0.00E+00	1.32E-09	2.13E-06	0.00E+00	0.00E+00	5.45E-05
753	ALL	463549.1	3773214	NonCancer	0.00E+00	1.84E-08	0.00E+00	1.30E-09	1.30E-09	6.13E-07	5.38E-05	0.00E+00	5.66E-08	0.00E+00	1.30E-09	2.10E-06	0.00E+00	0.00E+00	5.38E-05
754	ALL	463549.1	3773204	NonCancer	0.00E+00	1.81E-08	0.00E+00	1.28E-09	1.28E-09	6.04E-07	5.31E-05	0.00E+00	5.58E-08	0.00E+00	1.28E-09	2.07E-06	0.00E+00	0.00E+00	5.31E-05

755	ALL	463549.1	3773195	NonCancer	0.00E+00	1.78E-08	0.00E+00	1.26E-09	1.26E-09	5.95E-07	5.24E-05	0.00E+00	5.49E-08	0.00E+00	1.26E-09	2.04E-06	0.00E+00	0.00E+00	5.24E-05
756	ALL	463549.1	3773185	NonCancer	0.00E+00	1.76E-08	0.00E+00	1.24E-09	1.24E-09	5.86E-07	5.18E-05	0.00E+00	5.41E-08	0.00E+00	1.24E-09	2.01E-06	0.00E+00	0.00E+00	5.18E-05
757	ALL	463549.1	3773176	NonCancer	0.00E+00	1.73E-08	0.00E+00	1.22E-09	1.22E-09	5.78E-07	5.12E-05	0.00E+00	5.34E-08	0.00E+00	1.22E-09	1.98E-06	0.00E+00	0.00E+00	5.12E-05
758	ALL	463549	3773166	NonCancer	0.00E+00	1.71E-08	0.00E+00	1.21E-09	1.21E-09	5.70E-07	5.06E-05	0.00E+00	5.26E-08	0.00E+00	1.21E-09	1.95E-06	0.00E+00	0.00E+00	5.06E-05
759	ALL	463549	3773157	NonCancer	0.00E+00	1.69E-08	0.00E+00	1.19E-09	1.19E-09	5.63E-07	5.00E-05	0.00E+00	5.19E-08	0.00E+00	1.19E-09	1.93E-06	0.00E+00	0.00E+00	5.00E-05
760	ALL	463549	3773148	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.55E-07	4.94E-05	0.00E+00	5.13E-08	0.00E+00	1.18E-09	1.90E-06	0.00E+00	0.00E+00	4.94E-05
761	ALL	463579.2	3773242	NonCancer	0.00E+00	1.62E-08	0.00E+00	1.14E-09	1.14E-09	5.40E-07	4.73E-05	0.00E+00	4.99E-08	0.00E+00	1.14E-09	1.85E-06	0.00E+00	0.00E+00	4.73E-05
762	ALL	463579.2	3773232	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.32E-07	4.68E-05	0.00E+00	4.92E-08	0.00E+00	1.13E-09	1.82E-06	0.00E+00	0.00E+00	4.68E-05
763	ALL	463579.1	3773223	NonCancer	0.00E+00	1.57E-08	0.00E+00	1.11E-09	1.11E-09	5.25E-07	4.62E-05	0.00E+00	4.85E-08	0.00E+00	1.11E-09	1.80E-06	0.00E+00	0.00E+00	4.62E-05
764	ALL	463579.1	3773213	NonCancer	0.00E+00	1.55E-08	0.00E+00	1.10E-09	1.10E-09	5.17E-07	4.57E-05	0.00E+00	4.78E-08	0.00E+00	1.10E-09	1.77E-06	0.00E+00	0.00E+00	4.57E-05
765	ALL	463579.1	3773204	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.10E-07	4.51E-05	0.00E+00	4.71E-08	0.00E+00	1.08E-09	1.75E-06	0.00E+00	0.00E+00	4.51E-05
766	ALL	463579.1	3773195	NonCancer	0.00E+00	1.51E-08	0.00E+00	1.07E-09	1.07E-09	5.04E-07	4.46E-05	0.00E+00	4.65E-08	0.00E+00	1.07E-09	1.72E-06	0.00E+00	0.00E+00	4.46E-05
767	ALL	463579.1	3773185	NonCancer	0.00E+00	1.49E-08	0.00E+00	1.05E-09	1.05E-09	4.97E-07	4.42E-05	0.00E+00	4.59E-08	0.00E+00	1.05E-09	1.70E-06	0.00E+00	0.00E+00	4.42E-05
768	ALL	463579.1	3773176	NonCancer	0.00E+00	1.47E-08	0.00E+00	1.04E-09	1.04E-09	4.91E-07	4.37E-05	0.00E+00	4.53E-08	0.00E+00	1.04E-09	1.68E-06	0.00E+00	0.00E+00	4.37E-05
769	ALL	463579	3773166	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.03E-09	1.03E-09	4.85E-07	4.32E-05	0.00E+00	4.48E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	4.32E-05
770	ALL	463579	3773157	NonCancer	0.00E+00	1.44E-08	0.00E+00	1.02E-09	1.02E-09	4.79E-07	4.28E-05	0.00E+00	4.42E-08	0.00E+00	1.02E-09	1.64E-06	0.00E+00	0.00E+00	4.28E-05
771	ALL	463579	3773148	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.74E-07	4.23E-05	0.00E+00	4.37E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	4.23E-05
772	ALL	463609.2	3773242	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.83E-10	9.83E-10	4.64E-07	4.09E-05	0.00E+00	4.28E-08	0.00E+00	9.83E-10	1.59E-06	0.00E+00	0.00E+00	4.09E-05
773	ALL	463609.2	3773232	NonCancer	0.00E+00	1.37E-08	0.00E+00	9.71E-10	9.71E-10	4.58E-07	4.05E-05	0.00E+00	4.23E-08	0.00E+00	9.71E-10	1.57E-06	0.00E+00	0.00E+00	4.05E-05
774	ALL	463609.1	3773223	NonCancer	0.00E+00	1.36E-08	0.00E+00	9.58E-10	9.58E-10	4.52E-07	4.00E-05	0.00E+00	4.18E-08	0.00E+00	9.58E-10	1.55E-06	0.00E+00	0.00E+00	4.00E-05
775	ALL	463609.1	3773213	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.46E-10	9.46E-10	4.47E-07	3.96E-05	0.00E+00	4.12E-08	0.00E+00	9.46E-10	1.53E-06	0.00E+00	0.00E+00	3.96E-05
776	ALL	463609.1	3773204	NonCancer	0.00E+00	1.32E-08	0.00E+00	9.35E-10	9.35E-10	4.41E-07	3.92E-05	0.00E+00	4.07E-08	0.00E+00	9.35E-10	1.51E-06	0.00E+00	0.00E+00	3.92E-05
777	ALL	463609.1	3773195	NonCancer	0.00E+00	1.31E-08	0.00E+00	9.24E-10	9.24E-10	4.36E-07	3.88E-05	0.00E+00	4.03E-08	0.00E+00	9.24E-10	1.49E-06	0.00E+00	0.00E+00	3.88E-05
778	ALL	463609.1	3773185	NonCancer	0.00E+00	1.29E-08	0.00E+00	9.13E-10	9.13E-10	4.31E-07	3.84E-05	0.00E+00	3.98E-08	0.00E+00	9.13E-10	1.48E-06	0.00E+00	0.00E+00	3.84E-05
779	ALL	463609.1	3773176	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.03E-10	9.03E-10	4.26E-07	3.81E-05	0.00E+00	3.93E-08	0.00E+00	9.03E-10	1.46E-06	0.00E+00	0.00E+00	3.81E-05
780	ALL	463609	3773166	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.93E-10	8.93E-10	4.21E-07	3.77E-05	0.00E+00	3.89E-08	0.00E+00	8.93E-10	1.44E-06	0.00E+00	0.00E+00	3.77E-05
781	ALL	463609	3773157	NonCancer	0.00E+00	1.25E-08	0.00E+00	8.83E-10	8.83E-10	4.17E-07	3.74E-05	0.00E+00	3.85E-08	0.00E+00	8.83E-10	1.43E-06	0.00E+00	0.00E+00	3.74E-05
782	ALL	463609	3773147	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.74E-10	8.74E-10	4.12E-07	3.70E-05	0.00E+00	3.81E-08	0.00E+00	8.74E-10	1.41E-06	0.00E+00	0.00E+00	3.70E-05
783	ALL	463649.2	3773232	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.15E-10	8.15E-10	3.85E-07	3.42E-05	0.00E+00	3.55E-08	0.00E+00	8.15E-10	1.32E-06	0.00E+00	0.00E+00	3.42E-05
784	ALL	463649.1	3773223	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.07E-10	8.07E-10	3.81E-07	3.39E-05	0.00E+00	3.51E-08	0.00E+00	8.07E-10	1.30E-06	0.00E+00	0.00E+00	3.39E-05
785	ALL	463649.1	3773213	NonCancer	0.00E+00	1.13E-08	0.00E+00	7.98E-10	7.98E-10	3.77E-07	3.36E-05	0.00E+00	3.48E-08	0.00E+00	7.98E-10	1.29E-06	0.00E+00	0.00E+00	3.36E-05
786	ALL	463649.1	3773204	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.89E-10	7.89E-10	3.73E-07	3.33E-05	0.00E+00	3.44E-08	0.00E+00	7.89E-10	1.28E-06	0.00E+00	0.00E+00	3.33E-05
787	ALL	463649.1	3773194	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.81E-10	7.81E-10	3.69E-07	3.30E-05	0.00E+00	3.40E-08	0.00E+00	7.81E-10	1.26E-06	0.00E+00	0.00E+00	3.30E-05
788	ALL	463649.1	3773185	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.73E-10	7.73E-10	3.65E-07	3.27E-05	0.00E+00	3.37E-08	0.00E+00	7.73E-10	1.25E-06	0.00E+00	0.00E+00	3.27E-05
789	ALL	463649.1	3773176	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.66E-10	7.66E-10	3.61E-07	3.24E-05	0.00E+00	3.34E-08	0.00E+00	7.66E-10	1.24E-06	0.00E+00	0.00E+00	3.24E-05
790	ALL	463649	3773166	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.58E-10	7.58E-10	3.58E-07	3.21E-05	0.00E+00	3.30E-08	0.00E+00	7.58E-10	1.22E-06	0.00E+00	0.00E+00	3.21E-05
791	ALL	463649	3773157	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.51E-10	7.51E-10	3.54E-07	3.19E-05	0.00E+00	3.27E-08	0.00E+00	7.51E-10	1.21E-06	0.00E+00	0.00E+00	3.19E-05
792	ALL	463649	3773147	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.44E-10	7.44E-10	3.51E-07	3.16E-05	0.00E+00	3.24E-08	0.00E+00	7.44E-10	1.20E-06	0.00E+00	0.00E+00	3.16E-05
793	ALL	463689.2	3773232	NonCancer	0.00E+00	9.91E-09	0.00E+00	7.00E-10	7.00E-10	3.31E-07	2.95E-05	0.00E+00	3.05E-08	0.00E+00	7.00E-10	1.13E-06	0.00E+00	0.00E+00	2.95E-05
794	ALL	463689.1	3773223	NonCancer	0.00E+00	9.81E-09	0.00E+00	6.94E-10	6.94E-10	3.27E-07	2.93E-05	0.00E+00	3.02E-08	0.00E+00	6.94E-10	1.12E-06	0.00E+00	0.00E+00	2.93E-05
795	ALL	463689.1	3773213	NonCancer	0.00E+00	9.72E-09	0.00E+00	6.87E-10	6.87E-10	3.24E-07	2.91E-05	0.00E+00	2.99E-08	0.00E+00	6.87E-10	1.11E-06	0.00E+00	0.00E+00	2.91E-05
796	ALL	463689.1	3773204	NonCancer	0.00E+00	9.63E-09	0.00E+00	6.80E-10	6.80E-10	3.21E-07	2.88E-05	0.00E+00	2.96E-08	0.00E+00	6.80E-10	1.10E-06	0.00E+00	0.00E+00	2.88E-05
797	ALL	463689.1	3773194	NonCancer	0.00E+00	9.54E-09	0.00E+00	6.74E-10	6.74E-10	3.18E-07	2.86E-05	0.00E+00	2.94E-08	0.00E+00	6.74E-10	1.09E-06	0.00E+00	0.00E+00	2.86E-05
798	ALL	463689.1	3773185	NonCancer	0.00E+00	9.45E-09	0.00E+00	6.68E-10	6.68E-10	3.15E-07	2.84E-05	0.00E+00	2.91E-08	0.00E+00	6.68E-10	1.08E-06	0.00E+00	0.00E+00	2.84E-05
799	ALL	463689.1	3773176	NonCancer	0.00E+00	9.37E-09	0.00E+00	6.62E-10	6.62E-10	3.12E-07	2.81E-05	0.00E+00	2.88E-08	0.00E+00	6.62E-10	1.07E-06	0.00E+00	0.00E+00	2.81E-05
800	ALL	463689	3773166	NonCancer	0.00E+00	9.29E-09	0.00E+00	6.56E-10	6.56E-10	3.10E-07	2.79E-05	0.00E+00	2.86E-08	0.00E+00	6.56E-10	1.06E-06	0.00E+00	0.00E+00	2.79E-05
801	ALL	463689	3773157	NonCancer	0.00E+00	9.21E-09	0.00E+00	6.51E-10	6.51E-10	3.07E-07	2.77E-05	0.00E+00	2.83E-08	0.00E+00	6.51E-10	1.05E-06	0.00E+00	0.00E+00	2.77E-05
802	ALL	463689	3773147	NonCancer	0.00E+00	9.13E-09	0.00E+00	6.45E-10	6.45E-10	3.04E-07	2.75E-05	0.00E+00	2.81E-08	0.00E+00	6.45E-10	1.04E-06	0.00E+00	0.00E+00	2.75E-05
803	ALL	463729.2	3773232	NonCancer	0.00E+00	8.65E-09	0.00E+00	6.11E-10	6.11E-10	2.89E-07	2.59E-05	0.00E+00	2.66E-08	0.00E+00	6.11E-10	9.88E-07	0.00E+00	0.00E+00	2.59E-05
804	ALL	463729.1	3773223	NonCancer	0.00E+00	8.58E-09	0.00E+00	6.06E-10	6.06E-10	2.86E-07	2.57E-05	0.00E+00	2.64E-08	0.00E+00	6.06E-10	9.79E-07	0.00E+00	0.00E+00	2.57E-05
805	ALL	463729.1	3773213	NonCancer	0.00E+00	8.51E-09	0.00E+00	6.01E-10	6.01E-10	2.84E-07	2.55E-05	0.00E+00	2.62E-08	0.00E+00	6.01E-10	9.71E-07	0.00E+00	0.00E+00	2.55E-05
806	ALL	463729.1	3773204	NonCancer	0.00E+00	8.43E-09	0.00E+00	5.96E-10	5.96E-10	2.81E-07	2.53E-05	0.00E+00	2.60E-08	0.00E+00	5.96E-10	9.63E-07	0.00E+00	0.00E+00	2.53E-05
807	ALL	463729.1	3773194	NonCancer	0.00E+00	8.36E-09	0.00E+00	5.91E-10	5.91E-10	2.79E-07	2.52E-05	0.00E+00	2.57E-08	0.00E+00	5.91E-10	9.55E-07	0.00E+00	0.00E+00	2.52E-05
808	ALL	463729.1	3773185	NonCancer	0.00E+00	8.29E-09	0.00E+00	5.86E-10	5.86E-10	2.77E-07	2.50E-05	0.00E+00	2.55E-08	0.00E+00	5.86E-10	9.47E-07	0.00E+00	0.00E+00	2.50E-05

809	ALL	463729.1	3773175	NonCancer	0.00E+00	8.23E-09	0.00E+00	5.81E-10	5.81E-10	2.74E-07	2.48E-05	0.00E+00	2.53E-08	0.00E+00	5.81E-10	9.39E-07	0.00E+00	0.00E+00	2.48E-05
810	ALL	463729	3773166	NonCancer	0.00E+00	8.16E-09	0.00E+00	5.77E-10	5.77E-10	2.72E-07	2.46E-05	0.00E+00	2.51E-08	0.00E+00	5.77E-10	9.31E-07	0.00E+00	0.00E+00	2.46E-05
811	ALL	463729	3773157	NonCancer	0.00E+00	8.10E-09	0.00E+00	5.72E-10	5.72E-10	2.70E-07	2.44E-05	0.00E+00	2.49E-08	0.00E+00	5.72E-10	9.24E-07	0.00E+00	0.00E+00	2.44E-05
812	ALL	463729	3773147	NonCancer	0.00E+00	8.03E-09	0.00E+00	5.68E-10	5.68E-10	2.68E-07	2.43E-05	0.00E+00	2.47E-08	0.00E+00	5.68E-10	9.17E-07	0.00E+00	0.00E+00	2.43E-05
813	ALL	463769.2	3773232	NonCancer	0.00E+00	7.65E-09	0.00E+00	5.41E-10	5.41E-10	2.55E-07	2.30E-05	0.00E+00	2.36E-08	0.00E+00	5.41E-10	8.73E-07	0.00E+00	0.00E+00	2.30E-05
814	ALL	463769.1	3773222	NonCancer	0.00E+00	7.59E-09	0.00E+00	5.37E-10	5.37E-10	2.53E-07	2.28E-05	0.00E+00	2.34E-08	0.00E+00	5.37E-10	8.67E-07	0.00E+00	0.00E+00	2.28E-05
815	ALL	463769.1	3773213	NonCancer	0.00E+00	7.53E-09	0.00E+00	5.32E-10	5.32E-10	2.51E-07	2.27E-05	0.00E+00	2.32E-08	0.00E+00	5.32E-10	8.60E-07	0.00E+00	0.00E+00	2.27E-05
816	ALL	463769.1	3773204	NonCancer	0.00E+00	7.48E-09	0.00E+00	5.28E-10	5.28E-10	2.49E-07	2.25E-05	0.00E+00	2.30E-08	0.00E+00	5.28E-10	8.53E-07	0.00E+00	0.00E+00	2.25E-05
817	ALL	463769.1	3773194	NonCancer	0.00E+00	7.42E-09	0.00E+00	5.24E-10	5.24E-10	2.47E-07	2.24E-05	0.00E+00	2.28E-08	0.00E+00	5.24E-10	8.47E-07	0.00E+00	0.00E+00	2.24E-05
818	ALL	463769.1	3773185	NonCancer	0.00E+00	7.36E-09	0.00E+00	5.20E-10	5.20E-10	2.46E-07	2.22E-05	0.00E+00	2.27E-08	0.00E+00	5.20E-10	8.41E-07	0.00E+00	0.00E+00	2.22E-05
819	ALL	463769.1	3773175	NonCancer	0.00E+00	7.31E-09	0.00E+00	5.16E-10	5.16E-10	2.44E-07	2.21E-05	0.00E+00	2.25E-08	0.00E+00	5.16E-10	8.34E-07	0.00E+00	0.00E+00	2.21E-05
820	ALL	463769	3773166	NonCancer	0.00E+00	7.26E-09	0.00E+00	5.13E-10	5.13E-10	2.42E-07	2.19E-05	0.00E+00	2.23E-08	0.00E+00	5.13E-10	8.28E-07	0.00E+00	0.00E+00	2.19E-05
821	ALL	463769	3773157	NonCancer	0.00E+00	7.20E-09	0.00E+00	5.09E-10	5.09E-10	2.40E-07	2.18E-05	0.00E+00	2.22E-08	0.00E+00	5.09E-10	8.22E-07	0.00E+00	0.00E+00	2.18E-05
822	ALL	463769	3773147	NonCancer	0.00E+00	7.15E-09	0.00E+00	5.05E-10	5.05E-10	2.39E-07	2.17E-05	0.00E+00	2.20E-08	0.00E+00	5.05E-10	8.16E-07	0.00E+00	0.00E+00	2.17E-05
823	ALL	463809.2	3773232	NonCancer	0.00E+00	6.84E-09	0.00E+00	4.83E-10	4.83E-10	2.28E-07	2.06E-05	0.00E+00	2.11E-08	0.00E+00	4.83E-10	7.81E-07	0.00E+00	0.00E+00	2.06E-05
824	ALL	463809.1	3773222	NonCancer	0.00E+00	6.79E-09	0.00E+00	4.80E-10	4.80E-10	2.26E-07	2.05E-05	0.00E+00	2.09E-08	0.00E+00	4.80E-10	7.75E-07	0.00E+00	0.00E+00	2.05E-05
825	ALL	463809.1	3773213	NonCancer	0.00E+00	6.74E-09	0.00E+00	4.76E-10	4.76E-10	2.25E-07	2.04E-05	0.00E+00	2.08E-08	0.00E+00	4.76E-10	7.70E-07	0.00E+00	0.00E+00	2.04E-05
826	ALL	463809.1	3773204	NonCancer	0.00E+00	6.69E-09	0.00E+00	4.73E-10	4.73E-10	2.23E-07	2.02E-05	0.00E+00	2.06E-08	0.00E+00	4.73E-10	7.64E-07	0.00E+00	0.00E+00	2.02E-05
827	ALL	463809.1	3773194	NonCancer	0.00E+00	6.65E-09	0.00E+00	4.70E-10	4.70E-10	2.22E-07	2.01E-05	0.00E+00	2.05E-08	0.00E+00	4.70E-10	7.59E-07	0.00E+00	0.00E+00	2.01E-05
828	ALL	463809.1	3773185	NonCancer	0.00E+00	6.60E-09	0.00E+00	4.67E-10	4.67E-10	2.20E-07	2.00E-05	0.00E+00	2.03E-08	0.00E+00	4.67E-10	7.54E-07	0.00E+00	0.00E+00	2.00E-05
829	ALL	463809.1	3773175	NonCancer	0.00E+00	6.56E-09	0.00E+00	4.63E-10	4.63E-10	2.19E-07	1.99E-05	0.00E+00	2.02E-08	0.00E+00	4.63E-10	7.48E-07	0.00E+00	0.00E+00	1.99E-05
830	ALL	463809	3773166	NonCancer	0.00E+00	6.51E-09	0.00E+00	4.60E-10	4.60E-10	2.17E-07	1.97E-05	0.00E+00	2.01E-08	0.00E+00	4.60E-10	7.43E-07	0.00E+00	0.00E+00	1.97E-05
831	ALL	463809	3773156	NonCancer	0.00E+00	6.47E-09	0.00E+00	4.57E-10	4.57E-10	2.16E-07	1.96E-05	0.00E+00	1.99E-08	0.00E+00	4.57E-10	7.39E-07	0.00E+00	0.00E+00	1.96E-05
832	ALL	463809	3773147	NonCancer	0.00E+00	6.43E-09	0.00E+00	4.54E-10	4.54E-10	2.14E-07	1.95E-05	0.00E+00	1.98E-08	0.00E+00	4.54E-10	7.34E-07	0.00E+00	0.00E+00	1.95E-05
833	ALL	463849.2	3773232	NonCancer	0.00E+00	6.16E-09	0.00E+00	4.36E-10	4.36E-10	2.06E-07	1.86E-05	0.00E+00	1.90E-08	0.00E+00	4.36E-10	7.04E-07	0.00E+00	0.00E+00	1.86E-05
834	ALL	463849.1	3773222	NonCancer	0.00E+00	6.12E-09	0.00E+00	4.33E-10	4.33E-10	2.04E-07	1.85E-05	0.00E+00	1.89E-08	0.00E+00	4.33E-10	6.99E-07	0.00E+00	0.00E+00	1.85E-05
835	ALL	463849.1	3773213	NonCancer	0.00E+00	6.08E-09	0.00E+00	4.30E-10	4.30E-10	2.03E-07	1.84E-05	0.00E+00	1.87E-08	0.00E+00	4.30E-10	6.94E-07	0.00E+00	0.00E+00	1.84E-05
836	ALL	463849.1	3773203	NonCancer	0.00E+00	6.04E-09	0.00E+00	4.27E-10	4.27E-10	2.02E-07	1.83E-05	0.00E+00	1.86E-08	0.00E+00	4.27E-10	6.90E-07	0.00E+00	0.00E+00	1.83E-05
837	ALL	463849.1	3773194	NonCancer	0.00E+00	6.01E-09	0.00E+00	4.24E-10	4.24E-10	2.00E-07	1.82E-05	0.00E+00	1.85E-08	0.00E+00	4.24E-10	6.85E-07	0.00E+00	0.00E+00	1.82E-05
838	ALL	463849.1	3773185	NonCancer	0.00E+00	5.97E-09	0.00E+00	4.22E-10	4.22E-10	1.99E-07	1.81E-05	0.00E+00	1.84E-08	0.00E+00	4.22E-10	6.81E-07	0.00E+00	0.00E+00	1.81E-05
839	ALL	463849.1	3773175	NonCancer	0.00E+00	5.93E-09	0.00E+00	4.19E-10	4.19E-10	1.98E-07	1.80E-05	0.00E+00	1.83E-08	0.00E+00	4.19E-10	6.77E-07	0.00E+00	0.00E+00	1.80E-05
840	ALL	463849	3773166	NonCancer	0.00E+00	5.89E-09	0.00E+00	4.16E-10	4.16E-10	1.97E-07	1.79E-05	0.00E+00	1.81E-08	0.00E+00	4.16E-10	6.73E-07	0.00E+00	0.00E+00	1.79E-05
841	ALL	463849	3773156	NonCancer	0.00E+00	5.86E-09	0.00E+00	4.14E-10	4.14E-10	1.95E-07	1.78E-05	0.00E+00	1.80E-08	0.00E+00	4.14E-10	6.68E-07	0.00E+00	0.00E+00	1.78E-05
842	ALL	463849	3773147	NonCancer	0.00E+00	5.82E-09	0.00E+00	4.11E-10	4.11E-10	1.94E-07	1.77E-05	0.00E+00	1.79E-08	0.00E+00	4.11E-10	6.64E-07	0.00E+00	0.00E+00	1.77E-05
843	ALL	463889.2	3773241	NonCancer	0.00E+00	5.63E-09	0.00E+00	3.98E-10	3.98E-10	1.88E-07	1.70E-05	0.00E+00	1.73E-08	0.00E+00	3.98E-10	6.43E-07	0.00E+00	0.00E+00	1.70E-05
844	ALL	463889.2	3773232	NonCancer	0.00E+00	5.60E-09	0.00E+00	3.96E-10	3.96E-10	1.87E-07	1.70E-05	0.00E+00	1.72E-08	0.00E+00	3.96E-10	6.39E-07	0.00E+00	0.00E+00	1.70E-05
845	ALL	463889.1	3773222	NonCancer	0.00E+00	5.56E-09	0.00E+00	3.93E-10	3.93E-10	1.86E-07	1.69E-05	0.00E+00	1.71E-08	0.00E+00	3.93E-10	6.35E-07	0.00E+00	0.00E+00	1.69E-05
846	ALL	463889.1	3773213	NonCancer	0.00E+00	5.53E-09	0.00E+00	3.91E-10	3.91E-10	1.84E-07	1.68E-05	0.00E+00	1.70E-08	0.00E+00	3.91E-10	6.31E-07	0.00E+00	0.00E+00	1.68E-05
847	ALL	463889.1	3773203	NonCancer	0.00E+00	5.50E-09	0.00E+00	3.88E-10	3.88E-10	1.83E-07	1.67E-05	0.00E+00	1.69E-08	0.00E+00	3.88E-10	6.27E-07	0.00E+00	0.00E+00	1.67E-05
848	ALL	463889.1	3773194	NonCancer	0.00E+00	5.46E-09	0.00E+00	3.86E-10	3.86E-10	1.82E-07	1.66E-05	0.00E+00	1.68E-08	0.00E+00	3.86E-10	6.24E-07	0.00E+00	0.00E+00	1.66E-05
849	ALL	463889.1	3773185	NonCancer	0.00E+00	5.43E-09	0.00E+00	3.84E-10	3.84E-10	1.81E-07	1.65E-05	0.00E+00	1.67E-08	0.00E+00	3.84E-10	6.20E-07	0.00E+00	0.00E+00	1.65E-05
850	ALL	463889.1	3773175	NonCancer	0.00E+00	5.40E-09	0.00E+00	3.82E-10	3.82E-10	1.80E-07	1.64E-05	0.00E+00	1.66E-08	0.00E+00	3.82E-10	6.16E-07	0.00E+00	0.00E+00	1.64E-05
851	ALL	463889	3773166	NonCancer	0.00E+00	5.37E-09	0.00E+00	3.79E-10	3.79E-10	1.79E-07	1.63E-05	0.00E+00	1.65E-08	0.00E+00	3.79E-10	6.13E-07	0.00E+00	0.00E+00	1.63E-05
852	ALL	463889	3773156	NonCancer	0.00E+00	5.34E-09	0.00E+00	3.77E-10	3.77E-10	1.78E-07	1.62E-05	0.00E+00	1.64E-08	0.00E+00	3.77E-10	6.09E-07	0.00E+00	0.00E+00	1.62E-05
853	ALL	463889	3773147	NonCancer	0.00E+00	5.31E-09	0.00E+00	3.75E-10	3.75E-10	1.77E-07	1.62E-05	0.00E+00	1.63E-08	0.00E+00	3.75E-10	6.06E-07	0.00E+00	0.00E+00	1.62E-05
854	ALL	463929.2	3773241	NonCancer	0.00E+00	5.14E-09	0.00E+00	3.63E-10	3.63E-10	1.71E-07	1.56E-05	0.00E+00	1.58E-08	0.00E+00	3.63E-10	5.87E-07	0.00E+00	0.00E+00	1.56E-05
855	ALL	463929.2	3773232	NonCancer	0.00E+00	5.11E-09	0.00E+00	3.61E-10	3.61E-10	1.70E-07	1.55E-05	0.00E+00	1.57E-08	0.00E+00	3.61E-10	5.83E-07	0.00E+00	0.00E+00	1.55E-05
856	ALL	463929.1	3773222	NonCancer	0.00E+00	5.08E-09	0.00E+00	3.59E-10	3.59E-10	1.70E-07	1.54E-05	0.00E+00	1.57E-08	0.00E+00	3.59E-10	5.80E-07	0.00E+00	0.00E+00	1.54E-05
857	ALL	463929.1	3773213	NonCancer	0.00E+00	5.06E-09	0.00E+00	3.57E-10	3.57E-10	1.69E-07	1.54E-05	0.00E+00	1.56E-08	0.00E+00	3.57E-10	5.77E-07	0.00E+00	0.00E+00	1.54E-05
858	ALL	463929.1	3773203	NonCancer	0.00E+00	5.03E-09	0.00E+00	3.55E-10	3.55E-10	1.68E-07	1.53E-05	0.00E+00	1.55E-08	0.00E+00	3.55E-10	5.74E-07	0.00E+00	0.00E+00	1.53E-05
859	ALL	463929.1	3773194	NonCancer	0.00E+00	5.00E-09	0.00E+00	3.53E-10	3.53E-10	1.67E-07	1.52E-05	0.00E+00	1.54E-08	0.00E+00	3.53E-10	5.71E-07	0.00E+00	0.00E+00	1.52E-05
860	ALL	463929.1	3773184	NonCancer	0.00E+00	4.97E-09	0.00E+00	3.51E-10	3.51E-10	1.66E-07	1.51E-05	0.00E+00	1.53E-08	0.00E+00	3.51E-10	5.68E-07	0.00E+00	0.00E+00	1.51E-05
861	ALL	463929.1	3773175	NonCancer	0.00E+00	4.95E-09	0.00E+00	3.50E-10	3.50E-10	1.65E-07	1.51E-05	0.00E+00	1.52E-08	0.00E+00	3.50E-10	5.65E-07	0.00E+00	0.00E+00	1.51E-05
862	ALL	463929	3773166	NonCancer	0.00E+00	4.92E-09	0.00E+00	3.48E-10	3.48E-10	1.64E-07	1.50E-05	0.00E+00	1.51E-08	0.00E+00	3.48E-10	5.61E-07	0.00E+00	0.00E+00	1.50E-05

863	ALL	463929	3773156	NonCancer	0.00E+00	4.89E-09	0.00E+00	3.46E-10	3.46E-10	1.63E-07	1.49E-05	0.00E+00	1.51E-08	0.00E+00	3.46E-10	5.58E-07	0.00E+00	0.00E+00	1.49E-05
864	ALL	463929	3773147	NonCancer	0.00E+00	4.86E-09	0.00E+00	3.44E-10	3.44E-10	1.62E-07	1.48E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.55E-07	0.00E+00	0.00E+00	1.48E-05
865	ALL	463969.2	3773241	NonCancer	0.00E+00	4.72E-09	0.00E+00	3.34E-10	3.34E-10	1.57E-07	1.43E-05	0.00E+00	1.45E-08	0.00E+00	3.34E-10	5.39E-07	0.00E+00	0.00E+00	1.43E-05
866	ALL	463969.2	3773232	NonCancer	0.00E+00	4.70E-09	0.00E+00	3.32E-10	3.32E-10	1.57E-07	1.43E-05	0.00E+00	1.45E-08	0.00E+00	3.32E-10	5.36E-07	0.00E+00	0.00E+00	1.43E-05
867	ALL	463969.1	3773222	NonCancer	0.00E+00	4.67E-09	0.00E+00	3.30E-10	3.30E-10	1.56E-07	1.42E-05	0.00E+00	1.44E-08	0.00E+00	3.30E-10	5.33E-07	0.00E+00	0.00E+00	1.42E-05
868	ALL	463969.1	3773213	NonCancer	0.00E+00	4.65E-09	0.00E+00	3.28E-10	3.28E-10	1.55E-07	1.41E-05	0.00E+00	1.43E-08	0.00E+00	3.28E-10	5.30E-07	0.00E+00	0.00E+00	1.41E-05
869	ALL	463969.1	3773203	NonCancer	0.00E+00	4.62E-09	0.00E+00	3.27E-10	3.27E-10	1.54E-07	1.41E-05	0.00E+00	1.42E-08	0.00E+00	3.27E-10	5.28E-07	0.00E+00	0.00E+00	1.41E-05
870	ALL	463969.1	3773194	NonCancer	0.00E+00	4.60E-09	0.00E+00	3.25E-10	3.25E-10	1.53E-07	1.40E-05	0.00E+00	1.42E-08	0.00E+00	3.25E-10	5.25E-07	0.00E+00	0.00E+00	1.40E-05
871	ALL	463969.1	3773184	NonCancer	0.00E+00	4.58E-09	0.00E+00	3.23E-10	3.23E-10	1.53E-07	1.39E-05	0.00E+00	1.41E-08	0.00E+00	3.23E-10	5.22E-07	0.00E+00	0.00E+00	1.39E-05
872	ALL	463969.1	3773175	NonCancer	0.00E+00	4.55E-09	0.00E+00	3.22E-10	3.22E-10	1.52E-07	1.39E-05	0.00E+00	1.40E-08	0.00E+00	3.22E-10	5.20E-07	0.00E+00	0.00E+00	1.39E-05
873	ALL	463969	3773166	NonCancer	0.00E+00	4.53E-09	0.00E+00	3.20E-10	3.20E-10	1.51E-07	1.38E-05	0.00E+00	1.39E-08	0.00E+00	3.20E-10	5.17E-07	0.00E+00	0.00E+00	1.38E-05
874	ALL	463969	3773156	NonCancer	0.00E+00	4.51E-09	0.00E+00	3.19E-10	3.19E-10	1.50E-07	1.38E-05	0.00E+00	1.39E-08	0.00E+00	3.19E-10	5.15E-07	0.00E+00	0.00E+00	1.38E-05
875	ALL	463969	3773147	NonCancer	0.00E+00	4.49E-09	0.00E+00	3.17E-10	3.17E-10	1.50E-07	1.37E-05	0.00E+00	1.38E-08	0.00E+00	3.17E-10	5.12E-07	0.00E+00	0.00E+00	1.37E-05
876	ALL	464009.2	3773241	NonCancer	0.00E+00	4.35E-09	0.00E+00	3.08E-10	3.08E-10	1.45E-07	1.32E-05	0.00E+00	1.34E-08	0.00E+00	3.08E-10	4.97E-07	0.00E+00	0.00E+00	1.32E-05
877	ALL	464009.2	3773231	NonCancer	0.00E+00	4.33E-09	0.00E+00	3.06E-10	3.06E-10	1.44E-07	1.32E-05	0.00E+00	1.33E-08	0.00E+00	3.06E-10	4.95E-07	0.00E+00	0.00E+00	1.32E-05
878	ALL	464009.1	3773222	NonCancer	0.00E+00	4.31E-09	0.00E+00	3.05E-10	3.05E-10	1.44E-07	1.31E-05	0.00E+00	1.33E-08	0.00E+00	3.05E-10	4.92E-07	0.00E+00	0.00E+00	1.31E-05
879	ALL	464009.1	3773213	NonCancer	0.00E+00	4.29E-09	0.00E+00	3.03E-10	3.03E-10	1.43E-07	1.31E-05	0.00E+00	1.32E-08	0.00E+00	3.03E-10	4.90E-07	0.00E+00	0.00E+00	1.31E-05
880	ALL	464009.1	3773203	NonCancer	0.00E+00	4.27E-09	0.00E+00	3.02E-10	3.02E-10	1.42E-07	1.30E-05	0.00E+00	1.31E-08	0.00E+00	3.02E-10	4.87E-07	0.00E+00	0.00E+00	1.30E-05
881	ALL	464009.1	3773194	NonCancer	0.00E+00	4.25E-09	0.00E+00	3.00E-10	3.00E-10	1.42E-07	1.30E-05	0.00E+00	1.31E-08	0.00E+00	3.00E-10	4.85E-07	0.00E+00	0.00E+00	1.30E-05
882	ALL	464009.1	3773184	NonCancer	0.00E+00	4.23E-09	0.00E+00	2.99E-10	2.99E-10	1.41E-07	1.29E-05	0.00E+00	1.30E-08	0.00E+00	2.99E-10	4.82E-07	0.00E+00	0.00E+00	1.29E-05
883	ALL	464009	3773175	NonCancer	0.00E+00	4.21E-09	0.00E+00	2.97E-10	2.97E-10	1.40E-07	1.28E-05	0.00E+00	1.29E-08	0.00E+00	2.97E-10	4.80E-07	0.00E+00	0.00E+00	1.28E-05
884	ALL	464009	3773165	NonCancer	0.00E+00	4.19E-09	0.00E+00	2.96E-10	2.96E-10	1.40E-07	1.28E-05	0.00E+00	1.29E-08	0.00E+00	2.96E-10	4.78E-07	0.00E+00	0.00E+00	1.28E-05
885	ALL	464009	3773156	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.94E-10	2.94E-10	1.39E-07	1.27E-05	0.00E+00	1.28E-08	0.00E+00	2.94E-10	4.76E-07	0.00E+00	0.00E+00	1.27E-05
886	ALL	464009	3773147	NonCancer	0.00E+00	4.15E-09	0.00E+00	2.93E-10	2.93E-10	1.38E-07	1.27E-05	0.00E+00	1.28E-08	0.00E+00	2.93E-10	4.73E-07	0.00E+00	0.00E+00	1.27E-05
887	ALL	463009	3773139	NonCancer	0.00E+00	2.83E-07	0.00E+00	2.00E-08	2.00E-08	9.44E-06	1.43E-03	0.00E+00	8.72E-07	0.00E+00	2.00E-08	3.23E-05	0.00E+00	0.00E+00	1.43E-03
888	ALL	462999.9	3773139	NonCancer	0.00E+00	3.00E-07	0.00E+00	2.12E-08	2.12E-08	1.00E-05	1.55E-03	0.00E+00	9.24E-07	0.00E+00	2.12E-08	3.43E-05	0.00E+00	0.00E+00	1.55E-03
889	ALL	462990.8	3773139	NonCancer	0.00E+00	2.77E-07	0.00E+00	1.96E-08	1.96E-08	9.23E-06	1.46E-03	0.00E+00	8.52E-07	0.00E+00	1.96E-08	3.16E-05	0.00E+00	0.00E+00	1.46E-03
890	ALL	462981.7	3773139	NonCancer	0.00E+00	2.21E-07	0.00E+00	1.56E-08	1.56E-08	7.37E-06	1.19E-03	0.00E+00	6.80E-07	0.00E+00	1.56E-08	2.52E-05	0.00E+00	0.00E+00	1.19E-03
891	ALL	462972.6	3773139	NonCancer	0.00E+00	1.59E-07	0.00E+00	1.13E-08	1.13E-08	5.31E-06	8.68E-04	0.00E+00	4.90E-07	0.00E+00	1.13E-08	1.82E-05	0.00E+00	0.00E+00	8.68E-04
892	ALL	462963.5	3773139	NonCancer	0.00E+00	1.15E-07	0.00E+00	8.10E-09	8.10E-09	3.82E-06	6.30E-04	0.00E+00	3.53E-07	0.00E+00	8.10E-09	1.31E-05	0.00E+00	0.00E+00	6.30E-04
893	ALL	462954.4	3773139	NonCancer	0.00E+00	8.64E-08	0.00E+00	6.10E-09	6.10E-09	2.88E-06	4.73E-04	0.00E+00	2.66E-07	0.00E+00	6.10E-09	9.86E-06	0.00E+00	0.00E+00	4.73E-04
894	ALL	462945.3	3773139	NonCancer	0.00E+00	6.82E-08	0.00E+00	4.82E-09	4.82E-09	2.27E-06	3.69E-04	0.00E+00	2.10E-07	0.00E+00	4.82E-09	7.78E-06	0.00E+00	0.00E+00	3.69E-04
895	ALL	462936.2	3773139	NonCancer	0.00E+00	5.58E-08	0.00E+00	3.95E-09	3.95E-09	1.86E-06	2.97E-04	0.00E+00	1.72E-07	0.00E+00	3.95E-09	6.37E-06	0.00E+00	0.00E+00	2.97E-04
896	ALL	462927.1	3773139	NonCancer	0.00E+00	4.70E-08	0.00E+00	3.32E-09	3.32E-09	1.57E-06	2.45E-04	0.00E+00	1.45E-07	0.00E+00	3.32E-09	5.37E-06	0.00E+00	0.00E+00	2.45E-04
897	ALL	462918	3773139	NonCancer	0.00E+00	4.04E-08	0.00E+00	2.86E-09	2.86E-09	1.35E-06	2.07E-04	0.00E+00	1.24E-07	0.00E+00	2.86E-09	4.61E-06	0.00E+00	0.00E+00	2.07E-04
898	ALL	462999.9	3773129	NonCancer	0.00E+00	1.69E-07	0.00E+00	1.19E-08	1.19E-08	5.63E-06	8.76E-04	0.00E+00	5.20E-07	0.00E+00	1.19E-08	1.93E-05	0.00E+00	0.00E+00	8.76E-04
899	ALL	462990.8	3773129	NonCancer	0.00E+00	1.61E-07	0.00E+00	1.13E-08	1.13E-08	5.36E-06	8.46E-04	0.00E+00	4.94E-07	0.00E+00	1.13E-08	1.83E-05	0.00E+00	0.00E+00	8.46E-04
900	ALL	462981.7	3773129	NonCancer	0.00E+00	1.40E-07	0.00E+00	9.93E-09	9.93E-09	4.68E-06	7.50E-04	0.00E+00	4.32E-07	0.00E+00	9.93E-09	1.60E-05	0.00E+00	0.00E+00	7.50E-04
901	ALL	462972.6	3773129	NonCancer	0.00E+00	1.15E-07	0.00E+00	8.16E-09	8.16E-09	3.85E-06	6.21E-04	0.00E+00	3.55E-07	0.00E+00	8.16E-09	1.32E-05	0.00E+00	0.00E+00	6.21E-04
902	ALL	462963.5	3773129	NonCancer	0.00E+00	9.25E-08	0.00E+00	6.54E-09	6.54E-09	3.09E-06	4.99E-04	0.00E+00	2.85E-07	0.00E+00	6.54E-09	1.06E-05	0.00E+00	0.00E+00	4.99E-04
903	ALL	462954.4	3773129	NonCancer	0.00E+00	7.46E-08	0.00E+00	5.27E-09	5.27E-09	2.49E-06	4.01E-04	0.00E+00	2.30E-07	0.00E+00	5.27E-09	8.51E-06	0.00E+00	0.00E+00	4.01E-04
904	ALL	462945.3	3773129	NonCancer	0.00E+00	6.13E-08	0.00E+00	4.33E-09	4.33E-09	2.04E-06	3.26E-04	0.00E+00	1.89E-07	0.00E+00	4.33E-09	6.99E-06	0.00E+00	0.00E+00	3.26E-04
905	ALL	462936.2	3773129	NonCancer	0.00E+00	5.14E-08	0.00E+00	3.63E-09	3.63E-09	1.71E-06	2.70E-04	0.00E+00	1.58E-07	0.00E+00	3.63E-09	5.87E-06	0.00E+00	0.00E+00	2.70E-04
906	ALL	462927.1	3773129	NonCancer	0.00E+00	4.40E-08	0.00E+00	3.11E-09	3.11E-09	1.47E-06	2.27E-04	0.00E+00	1.35E-07	0.00E+00	3.11E-09	5.02E-06	0.00E+00	0.00E+00	2.27E-04
907	ALL	462918	3773129	NonCancer	0.00E+00	3.82E-08	0.00E+00	2.70E-09	2.70E-09	1.28E-06	1.94E-04	0.00E+00	1.18E-07	0.00E+00	2.70E-09	4.37E-06	0.00E+00	0.00E+00	1.94E-04
908	ALL	463033.1	3773134	NonCancer	0.00E+00	1.35E-07	0.00E+00	9.53E-09	9.53E-09	4.50E-06	6.52E-04	0.00E+00	4.15E-07	0.00E+00	9.53E-09	1.54E-05	0.00E+00	0.00E+00	6.52E-04
909	ALL	462999.8	3773119	NonCancer	0.00E+00	1.12E-07	0.00E+00	7.91E-09	7.91E-09	3.73E-06	5.76E-04	0.00E+00	3.45E-07	0.00E+00	7.91E-09	1.28E-05	0.00E+00	0.00E+00	5.76E-04
910	ALL	462990.7	3773119	NonCancer	0.00E+00	1.08E-07	0.00E+00	7.66E-09	7.66E-09	3.61E-06	5.65E-04	0.00E+00	3.34E-07	0.00E+00	7.66E-09	1.24E-05	0.00E+00	0.00E+00	5.65E-04
911	ALL	462981.6	3773119	NonCancer	0.00E+00	9.94E-08	0.00E+00	7.03E-09	7.03E-09	3.32E-06	5.23E-04	0.00E+00	3.06E-07	0.00E+00	7.03E-09	1.14E-05	0.00E+00	0.00E+00	5.23E-04
912	ALL	462972.5	3773119	NonCancer	0.00E+00	8.74E-08	0.00E+00	6.18E-09	6.18E-09	2.92E-06	4.63E-04	0.00E+00	2.69E-07	0.00E+00	6.18E-09	9.98E-06	0.00E+00	0.00E+00	4.63E-04
913	ALL	462963.4	3773119	NonCancer	0.00E+00	7.49E-08	0.00E+00	5.29E-09	5.29E-09	2.50E-06	3.97E-04	0.00E+00	2.31E-07	0.00E+00	5.29E-09	8.55E-06	0.00E+00	0.00E+00	3.97E-04
914	ALL	462954.3	3773119	NonCancer	0.00E+00	6.36E-08	0.00E+00	4.49E-09	4.49E-09	2.12E-06	3.35E-04	0.00E+00	1.96E-07	0.00E+00	4.49E-09	7.26E-06	0.00E+00	0.00E+00	3.35E-04
915	ALL	462945.2	3773119	NonCancer	0.00E+00	5.43E-08	0.00E+00	3.83E-09	3.83E-09	1.81E-06	2.84E-04	0.00E+00	1.67E-07	0.00E+00	3.83E-09	6.19E-06	0.00E+00	0.00E+00	2.84E-04
916	ALL	462936.1	3773119	NonCancer	0.00E+00	4.67E-08	0.00E+00	3.30E-09	3.30E-09	1.56E-06	2.42E-04	0.00E+00	1.44E-07	0.00E+00	3.30E-09	5.33E-06	0.00E+00	0.00E+00	2.42E-04

917	ALL	462927	3773119	NonCancer	0.00E+00	4.07E-08	0.00E+00	2.88E-09	2.88E-09	1.36E-06	2.08E-04	0.00E+00	1.25E-07	0.00E+00	2.88E-09	4.65E-06	0.00E+00	0.00E+00	2.08E-04
918	ALL	462917.9	3773119	NonCancer	0.00E+00	3.59E-08	0.00E+00	2.54E-09	2.54E-09	1.20E-06	1.80E-04	0.00E+00	1.10E-07	0.00E+00	2.54E-09	4.10E-06	0.00E+00	0.00E+00	1.80E-04
919	ALL	463040.2	3773127	NonCancer	0.00E+00	9.62E-08	0.00E+00	6.79E-09	6.79E-09	3.21E-06	4.60E-04	0.00E+00	2.96E-07	0.00E+00	6.79E-09	1.10E-05	0.00E+00	0.00E+00	4.60E-04
920	ALL	462999.8	3773109	NonCancer	0.00E+00	8.15E-08	0.00E+00	5.76E-09	5.76E-09	2.72E-06	4.13E-04	0.00E+00	2.51E-07	0.00E+00	5.76E-09	9.30E-06	0.00E+00	0.00E+00	4.13E-04
921	ALL	462990.7	3773109	NonCancer	0.00E+00	7.97E-08	0.00E+00	5.63E-09	5.63E-09	2.66E-06	4.09E-04	0.00E+00	2.45E-07	0.00E+00	5.63E-09	9.10E-06	0.00E+00	0.00E+00	4.09E-04
922	ALL	462981.6	3773109	NonCancer	0.00E+00	7.52E-08	0.00E+00	5.32E-09	5.32E-09	2.51E-06	3.89E-04	0.00E+00	2.32E-07	0.00E+00	5.32E-09	8.59E-06	0.00E+00	0.00E+00	3.89E-04
923	ALL	462972.5	3773109	NonCancer	0.00E+00	6.88E-08	0.00E+00	4.86E-09	4.86E-09	2.29E-06	3.57E-04	0.00E+00	2.12E-07	0.00E+00	4.86E-09	7.85E-06	0.00E+00	0.00E+00	3.57E-04
924	ALL	462963.4	3773109	NonCancer	0.00E+00	6.15E-08	0.00E+00	4.35E-09	4.35E-09	2.05E-06	3.20E-04	0.00E+00	1.89E-07	0.00E+00	4.35E-09	7.02E-06	0.00E+00	0.00E+00	3.20E-04
925	ALL	462954.3	3773109	NonCancer	0.00E+00	5.43E-08	0.00E+00	3.84E-09	3.84E-09	1.81E-06	2.81E-04	0.00E+00	1.67E-07	0.00E+00	3.84E-09	6.20E-06	0.00E+00	0.00E+00	2.81E-04
926	ALL	462945.2	3773109	NonCancer	0.00E+00	4.78E-08	0.00E+00	3.38E-09	3.38E-09	1.59E-06	2.46E-04	0.00E+00	1.47E-07	0.00E+00	3.38E-09	5.46E-06	0.00E+00	0.00E+00	2.46E-04
927	ALL	462936.1	3773109	NonCancer	0.00E+00	4.22E-08	0.00E+00	2.98E-09	2.98E-09	1.41E-06	2.15E-04	0.00E+00	1.30E-07	0.00E+00	2.98E-09	4.82E-06	0.00E+00	0.00E+00	2.15E-04
928	ALL	462927	3773109	NonCancer	0.00E+00	3.74E-08	0.00E+00	2.65E-09	2.65E-09	1.25E-06	1.89E-04	0.00E+00	1.15E-07	0.00E+00	2.65E-09	4.27E-06	0.00E+00	0.00E+00	1.89E-04
929	ALL	462917.9	3773109	NonCancer	0.00E+00	3.34E-08	0.00E+00	2.36E-09	2.36E-09	1.12E-06	1.66E-04	0.00E+00	1.03E-07	0.00E+00	2.36E-09	3.82E-06	0.00E+00	0.00E+00	1.66E-04
930	ALL	463047.2	3773120	NonCancer	0.00E+00	7.40E-08	0.00E+00	5.23E-09	5.23E-09	2.47E-06	3.48E-04	0.00E+00	2.28E-07	0.00E+00	5.23E-09	8.45E-06	0.00E+00	0.00E+00	3.48E-04
931	ALL	463053.1	3773134	NonCancer	0.00E+00	8.84E-08	0.00E+00	6.25E-09	6.25E-09	2.95E-06	4.12E-04	0.00E+00	2.72E-07	0.00E+00	6.25E-09	1.01E-05	0.00E+00	0.00E+00	4.12E-04
932	ALL	462999.8	3773099	NonCancer	0.00E+00	6.31E-08	0.00E+00	4.46E-09	4.46E-09	2.11E-06	3.15E-04	0.00E+00	1.94E-07	0.00E+00	4.46E-09	7.21E-06	0.00E+00	0.00E+00	3.15E-04
933	ALL	462990.7	3773099	NonCancer	0.00E+00	6.22E-08	0.00E+00	4.39E-09	4.39E-09	2.07E-06	3.13E-04	0.00E+00	1.91E-07	0.00E+00	4.39E-09	7.10E-06	0.00E+00	0.00E+00	3.13E-04
934	ALL	462981.6	3773099	NonCancer	0.00E+00	5.97E-08	0.00E+00	4.22E-09	4.22E-09	1.99E-06	3.03E-04	0.00E+00	1.84E-07	0.00E+00	4.22E-09	6.81E-06	0.00E+00	0.00E+00	3.03E-04
935	ALL	462972.5	3773099	NonCancer	0.00E+00	5.59E-08	0.00E+00	3.95E-09	3.95E-09	1.87E-06	2.85E-04	0.00E+00	1.72E-07	0.00E+00	3.95E-09	6.38E-06	0.00E+00	0.00E+00	2.85E-04
936	ALL	462963.4	3773099	NonCancer	0.00E+00	5.15E-08	0.00E+00	3.64E-09	3.64E-09	1.72E-06	2.62E-04	0.00E+00	1.58E-07	0.00E+00	3.64E-09	5.87E-06	0.00E+00	0.00E+00	2.62E-04
937	ALL	462954.3	3773099	NonCancer	0.00E+00	4.68E-08	0.00E+00	3.30E-09	3.30E-09	1.56E-06	2.38E-04	0.00E+00	1.44E-07	0.00E+00	3.30E-09	5.34E-06	0.00E+00	0.00E+00	2.38E-04
938	ALL	462945.2	3773099	NonCancer	0.00E+00	4.22E-08	0.00E+00	2.98E-09	2.98E-09	1.41E-06	2.13E-04	0.00E+00	1.30E-07	0.00E+00	2.98E-09	4.82E-06	0.00E+00	0.00E+00	2.13E-04
939	ALL	462936.1	3773099	NonCancer	0.00E+00	3.80E-08	0.00E+00	2.69E-09	2.69E-09	1.27E-06	1.91E-04	0.00E+00	1.17E-07	0.00E+00	2.69E-09	4.34E-06	0.00E+00	0.00E+00	1.91E-04
940	ALL	462927	3773099	NonCancer	0.00E+00	3.43E-08	0.00E+00	2.42E-09	2.42E-09	1.14E-06	1.70E-04	0.00E+00	1.06E-07	0.00E+00	2.42E-09	3.92E-06	0.00E+00	0.00E+00	1.70E-04
941	ALL	462917.9	3773099	NonCancer	0.00E+00	3.11E-08	0.00E+00	2.19E-09	2.19E-09	1.04E-06	1.53E-04	0.00E+00	9.56E-08	0.00E+00	2.19E-09	3.54E-06	0.00E+00	0.00E+00	1.53E-04
942	ALL	463044.3	3773103	NonCancer	0.00E+00	5.59E-08	0.00E+00	3.95E-09	3.95E-09	1.86E-06	2.61E-04	0.00E+00	1.72E-07	0.00E+00	3.95E-09	6.38E-06	0.00E+00	0.00E+00	2.61E-04
943	ALL	463054.3	3773113	NonCancer	0.00E+00	5.99E-08	0.00E+00	4.24E-09	4.24E-09	2.00E-06	2.77E-04	0.00E+00	1.85E-07	0.00E+00	4.24E-09	6.84E-06	0.00E+00	0.00E+00	2.77E-04
944	ALL	463060.2	3773127	NonCancer	0.00E+00	6.98E-08	0.00E+00	4.94E-09	4.94E-09	2.33E-06	3.20E-04	0.00E+00	2.15E-07	0.00E+00	4.94E-09	7.97E-06	0.00E+00	0.00E+00	3.20E-04
945	ALL	462999.8	3773089	NonCancer	0.00E+00	5.11E-08	0.00E+00	3.61E-09	3.61E-09	1.70E-06	2.50E-04	0.00E+00	1.57E-07	0.00E+00	3.61E-09	5.83E-06	0.00E+00	0.00E+00	2.50E-04
946	ALL	462990.7	3773089	NonCancer	0.00E+00	5.05E-08	0.00E+00	3.57E-09	3.57E-09	1.69E-06	2.50E-04	0.00E+00	1.56E-07	0.00E+00	3.57E-09	5.77E-06	0.00E+00	0.00E+00	2.50E-04
947	ALL	462981.6	3773089	NonCancer	0.00E+00	4.90E-08	0.00E+00	3.46E-09	3.46E-09	1.63E-06	2.44E-04	0.00E+00	1.51E-07	0.00E+00	3.46E-09	5.60E-06	0.00E+00	0.00E+00	2.44E-04
948	ALL	462972.5	3773089	NonCancer	0.00E+00	4.67E-08	0.00E+00	3.30E-09	3.30E-09	1.56E-06	2.33E-04	0.00E+00	1.44E-07	0.00E+00	3.30E-09	5.33E-06	0.00E+00	0.00E+00	2.33E-04
949	ALL	462963.4	3773089	NonCancer	0.00E+00	4.38E-08	0.00E+00	3.10E-09	3.10E-09	1.46E-06	2.19E-04	0.00E+00	1.35E-07	0.00E+00	3.10E-09	5.00E-06	0.00E+00	0.00E+00	2.19E-04
950	ALL	462954.3	3773089	NonCancer	0.00E+00	4.06E-08	0.00E+00	2.87E-09	2.87E-09	1.36E-06	2.03E-04	0.00E+00	1.25E-07	0.00E+00	2.87E-09	4.64E-06	0.00E+00	0.00E+00	2.03E-04
951	ALL	462945.2	3773089	NonCancer	0.00E+00	3.74E-08	0.00E+00	2.64E-09	2.64E-09	1.25E-06	1.86E-04	0.00E+00	1.15E-07	0.00E+00	2.64E-09	4.27E-06	0.00E+00	0.00E+00	1.86E-04
952	ALL	462936.1	3773089	NonCancer	0.00E+00	3.43E-08	0.00E+00	2.42E-09	2.42E-09	1.14E-06	1.69E-04	0.00E+00	1.06E-07	0.00E+00	2.42E-09	3.91E-06	0.00E+00	0.00E+00	1.69E-04
953	ALL	462927	3773089	NonCancer	0.00E+00	3.14E-08	0.00E+00	2.22E-09	2.22E-09	1.05E-06	1.54E-04	0.00E+00	9.67E-08	0.00E+00	2.22E-09	3.58E-06	0.00E+00	0.00E+00	1.54E-04
954	ALL	462917.9	3773089	NonCancer	0.00E+00	2.88E-08	0.00E+00	2.03E-09	2.03E-09	9.60E-07	1.40E-04	0.00E+00	8.86E-08	0.00E+00	2.03E-09	3.28E-06	0.00E+00	0.00E+00	1.40E-04
955	ALL	463033.6	3773089	NonCancer	0.00E+00	4.70E-08	0.00E+00	3.32E-09	3.32E-09	1.57E-06	2.20E-04	0.00E+00	1.45E-07	0.00E+00	3.32E-09	5.36E-06	0.00E+00	0.00E+00	2.20E-04
956	ALL	463050.1	3773096	NonCancer	0.00E+00	4.73E-08	0.00E+00	3.34E-09	3.34E-09	1.58E-06	2.17E-04	0.00E+00	1.46E-07	0.00E+00	3.34E-09	5.40E-06	0.00E+00	0.00E+00	2.17E-04
957	ALL	463061.8	3773107	NonCancer	0.00E+00	5.09E-08	0.00E+00	3.60E-09	3.60E-09	1.70E-06	2.30E-04	0.00E+00	1.57E-07	0.00E+00	3.60E-09	5.81E-06	0.00E+00	0.00E+00	2.30E-04
958	ALL	463068.7	3773124	NonCancer	0.00E+00	5.94E-08	0.00E+00	4.20E-09	4.20E-09	1.98E-06	2.67E-04	0.00E+00	1.83E-07	0.00E+00	4.20E-09	6.78E-06	0.00E+00	0.00E+00	2.67E-04
959	ALL	462999.7	3773079	NonCancer	0.00E+00	4.28E-08	0.00E+00	3.02E-09	3.02E-09	1.43E-06	2.06E-04	0.00E+00	1.32E-07	0.00E+00	3.02E-09	4.88E-06	0.00E+00	0.00E+00	2.06E-04
960	ALL	462990.7	3773079	NonCancer	0.00E+00	4.24E-08	0.00E+00	2.99E-09	2.99E-09	1.41E-06	2.06E-04	0.00E+00	1.30E-07	0.00E+00	2.99E-09	4.84E-06	0.00E+00	0.00E+00	2.06E-04
961	ALL	462981.6	3773079	NonCancer	0.00E+00	4.14E-08	0.00E+00	2.92E-09	2.92E-09	1.38E-06	2.02E-04	0.00E+00	1.27E-07	0.00E+00	2.92E-09	4.72E-06	0.00E+00	0.00E+00	2.02E-04
962	ALL	462972.5	3773079	NonCancer	0.00E+00	3.99E-08	0.00E+00	2.82E-09	2.82E-09	1.33E-06	1.95E-04	0.00E+00	1.23E-07	0.00E+00	2.82E-09	4.55E-06	0.00E+00	0.00E+00	1.95E-04
963	ALL	462963.4	3773079	NonCancer	0.00E+00	3.79E-08	0.00E+00	2.68E-09	2.68E-09	1.26E-06	1.86E-04	0.00E+00	1.17E-07	0.00E+00	2.68E-09	4.33E-06	0.00E+00	0.00E+00	1.86E-04
964	ALL	462954.3	3773079	NonCancer	0.00E+00	3.57E-08	0.00E+00	2.52E-09	2.52E-09	1.19E-06	1.75E-04	0.00E+00	1.10E-07	0.00E+00	2.52E-09	4.07E-06	0.00E+00	0.00E+00	1.75E-04
965	ALL	462945.2	3773079	NonCancer	0.00E+00	3.34E-08	0.00E+00	2.36E-09	2.36E-09	1.11E-06	1.63E-04	0.00E+00	1.03E-07	0.00E+00	2.36E-09	3.81E-06	0.00E+00	0.00E+00	1.63E-04
966	ALL	462936.1	3773079	NonCancer	0.00E+00	3.10E-08	0.00E+00	2.19E-09	2.19E-09	1.03E-06	1.51E-04	0.00E+00	9.55E-08	0.00E+00	2.19E-09	3.54E-06	0.00E+00	0.00E+00	1.51E-04
967	ALL	462927	3773079	NonCancer	0.00E+00	2.88E-08	0.00E+00	2.03E-09	2.03E-09	9.59E-07	1.39E-04	0.00E+00	8.86E-08	0.00E+00	2.03E-09	3.28E-06	0.00E+00	0.00E+00	1.39E-04
968	ALL	462917.9	3773079	NonCancer	0.00E+00	2.66E-08	0.00E+00	1.88E-09	1.88E-09	8.89E-07	1.28E-04	0.00E+00	8.20E-08	0.00E+00	1.88E-09	3.04E-06	0.00E+00	0.00E+00	1.28E-04
969	ALL	463033.1	3773079	NonCancer	0.00E+00	4.03E-08	0.00E+00	2.85E-09	2.85E-09	1.34E-06	1.86E-04	0.00E+00	1.24E-07	0.00E+00	2.85E-09	4.60E-06	0.00E+00	0.00E+00	1.86E-04
970	ALL	463049.3	3773085	NonCancer	0.00E+00	4.11E-08	0.00E+00	2.91E-09	2.91E-09	1.37E-06	1.87E-04	0.00E+00	1.27E-07	0.00E+00	2.91E-09	4.69E-06	0.00E+00	0.00E+00	1.87E-04

971	ALL	463068.8	3773100	NonCancer	0.00E+00	4.38E-08	0.00E+00	3.09E-09	3.09E-09	1.46E-06	1.94E-04	0.00E+00	1.35E-07	0.00E+00	3.09E-09	5.00E-06	0.00E+00	0.00E+00	1.94E-04
972	ALL	463075.5	3773116	NonCancer	0.00E+00	5.02E-08	0.00E+00	3.54E-09	3.54E-09	1.67E-06	2.21E-04	0.00E+00	1.54E-07	0.00E+00	3.54E-09	5.73E-06	0.00E+00	0.00E+00	2.21E-04
973	ALL	463082.3	3773132	NonCancer	0.00E+00	5.64E-08	0.00E+00	3.98E-09	3.98E-09	1.88E-06	2.46E-04	0.00E+00	1.74E-07	0.00E+00	3.98E-09	6.44E-06	0.00E+00	0.00E+00	2.46E-04
974	ALL	462999.7	3773069	NonCancer	0.00E+00	3.67E-08	0.00E+00	2.59E-09	2.59E-09	1.22E-06	1.74E-04	0.00E+00	1.13E-07	0.00E+00	2.59E-09	4.19E-06	0.00E+00	0.00E+00	1.74E-04
975	ALL	462990.6	3773069	NonCancer	0.00E+00	3.64E-08	0.00E+00	2.57E-09	2.57E-09	1.21E-06	1.74E-04	0.00E+00	1.12E-07	0.00E+00	2.57E-09	4.15E-06	0.00E+00	0.00E+00	1.74E-04
976	ALL	462981.5	3773069	NonCancer	0.00E+00	3.57E-08	0.00E+00	2.52E-09	2.52E-09	1.19E-06	1.71E-04	0.00E+00	1.10E-07	0.00E+00	2.52E-09	4.07E-06	0.00E+00	0.00E+00	1.71E-04
977	ALL	462972.4	3773069	NonCancer	0.00E+00	3.46E-08	0.00E+00	2.45E-09	2.45E-09	1.15E-06	1.67E-04	0.00E+00	1.07E-07	0.00E+00	2.45E-09	3.95E-06	0.00E+00	0.00E+00	1.67E-04
978	ALL	462963.3	3773069	NonCancer	0.00E+00	3.33E-08	0.00E+00	2.35E-09	2.35E-09	1.11E-06	1.60E-04	0.00E+00	1.02E-07	0.00E+00	2.35E-09	3.80E-06	0.00E+00	0.00E+00	1.60E-04
979	ALL	462954.2	3773069	NonCancer	0.00E+00	3.17E-08	0.00E+00	2.24E-09	2.24E-09	1.06E-06	1.52E-04	0.00E+00	9.75E-08	0.00E+00	2.24E-09	3.61E-06	0.00E+00	0.00E+00	1.52E-04
980	ALL	462945.1	3773069	NonCancer	0.00E+00	2.99E-08	0.00E+00	2.12E-09	2.12E-09	9.98E-07	1.44E-04	0.00E+00	9.22E-08	0.00E+00	2.12E-09	3.42E-06	0.00E+00	0.00E+00	1.44E-04
981	ALL	462936	3773069	NonCancer	0.00E+00	2.82E-08	0.00E+00	1.99E-09	1.99E-09	9.39E-07	1.35E-04	0.00E+00	8.67E-08	0.00E+00	1.99E-09	3.21E-06	0.00E+00	0.00E+00	1.35E-04
982	ALL	462926.9	3773069	NonCancer	0.00E+00	2.64E-08	0.00E+00	1.87E-09	1.87E-09	8.80E-07	1.26E-04	0.00E+00	8.13E-08	0.00E+00	1.87E-09	3.01E-06	0.00E+00	0.00E+00	1.26E-04
983	ALL	462917.8	3773069	NonCancer	0.00E+00	2.47E-08	0.00E+00	1.74E-09	1.74E-09	8.23E-07	1.17E-04	0.00E+00	7.60E-08	0.00E+00	1.74E-09	2.82E-06	0.00E+00	0.00E+00	1.17E-04
984	ALL	463048.6	3773075	NonCancer	0.00E+00	3.62E-08	0.00E+00	2.56E-09	2.56E-09	1.21E-06	1.63E-04	0.00E+00	1.11E-07	0.00E+00	2.56E-09	4.13E-06	0.00E+00	0.00E+00	1.63E-04
985	ALL	463064.5	3773082	NonCancer	0.00E+00	3.63E-08	0.00E+00	2.56E-09	2.56E-09	1.21E-06	1.60E-04	0.00E+00	1.12E-07	0.00E+00	2.56E-09	4.14E-06	0.00E+00	0.00E+00	1.60E-04
986	ALL	463075.8	3773093	NonCancer	0.00E+00	3.85E-08	0.00E+00	2.72E-09	2.72E-09	1.28E-06	1.67E-04	0.00E+00	1.18E-07	0.00E+00	2.72E-09	4.39E-06	0.00E+00	0.00E+00	1.67E-04
987	ALL	463082.4	3773109	NonCancer	0.00E+00	4.35E-08	0.00E+00	3.07E-09	3.07E-09	1.45E-06	1.88E-04	0.00E+00	1.34E-07	0.00E+00	3.07E-09	4.96E-06	0.00E+00	0.00E+00	1.88E-04
988	ALL	463089.1	3773125	NonCancer	0.00E+00	4.85E-08	0.00E+00	3.42E-09	3.42E-09	1.62E-06	2.08E-04	0.00E+00	1.49E-07	0.00E+00	3.42E-09	5.53E-06	0.00E+00	0.00E+00	2.08E-04
989	ALL	463048.1	3773065	NonCancer	0.00E+00	3.22E-08	0.00E+00	2.27E-09	2.27E-09	1.07E-06	1.43E-04	0.00E+00	9.90E-08	0.00E+00	2.27E-09	3.67E-06	0.00E+00	0.00E+00	1.43E-04
990	ALL	463063.8	3773071	NonCancer	0.00E+00	3.26E-08	0.00E+00	2.30E-09	2.30E-09	1.09E-06	1.42E-04	0.00E+00	1.00E-07	0.00E+00	2.30E-09	3.72E-06	0.00E+00	0.00E+00	1.42E-04
991	ALL	463082.8	3773086	NonCancer	0.00E+00	3.44E-08	0.00E+00	2.43E-09	2.43E-09	1.15E-06	1.46E-04	0.00E+00	1.06E-07	0.00E+00	2.43E-09	3.92E-06	0.00E+00	0.00E+00	1.46E-04
992	ALL	463089.4	3773101	NonCancer	0.00E+00	3.84E-08	0.00E+00	2.71E-09	2.71E-09	1.28E-06	1.63E-04	0.00E+00	1.18E-07	0.00E+00	2.71E-09	4.38E-06	0.00E+00	0.00E+00	1.63E-04
993	ALL	463095.9	3773117	NonCancer	0.00E+00	4.25E-08	0.00E+00	3.00E-09	3.00E-09	1.42E-06	1.79E-04	0.00E+00	1.31E-07	0.00E+00	3.00E-09	4.85E-06	0.00E+00	0.00E+00	1.79E-04
994	ALL	463102.5	3773133	NonCancer	0.00E+00	4.67E-08	0.00E+00	3.30E-09	3.30E-09	1.56E-06	1.94E-04	0.00E+00	1.44E-07	0.00E+00	3.30E-09	5.33E-06	0.00E+00	0.00E+00	1.94E-04
995	ALL	463047.3	3773045	NonCancer	0.00E+00	2.62E-08	0.00E+00	1.85E-09	1.85E-09	8.73E-07	1.14E-04	0.00E+00	8.06E-08	0.00E+00	1.85E-09	2.99E-06	0.00E+00	0.00E+00	1.14E-04
996	ALL	463062.8	3773051	NonCancer	0.00E+00	2.68E-08	0.00E+00	1.90E-09	1.90E-09	8.95E-07	1.15E-04	0.00E+00	8.26E-08	0.00E+00	1.90E-09	3.06E-06	0.00E+00	0.00E+00	1.15E-04
997	ALL	463078.2	3773057	NonCancer	0.00E+00	2.72E-08	0.00E+00	1.92E-09	1.92E-09	9.05E-07	1.14E-04	0.00E+00	8.36E-08	0.00E+00	1.92E-09	3.10E-06	0.00E+00	0.00E+00	1.14E-04
998	ALL	463096.9	3773071	NonCancer	0.00E+00	2.85E-08	0.00E+00	2.01E-09	2.01E-09	9.51E-07	1.17E-04	0.00E+00	8.78E-08	0.00E+00	2.01E-09	3.25E-06	0.00E+00	0.00E+00	1.17E-04
999	ALL	463103.3	3773087	NonCancer	0.00E+00	3.13E-08	0.00E+00	2.21E-09	2.21E-09	1.04E-06	1.28E-04	0.00E+00	9.64E-08	0.00E+00	2.21E-09	3.58E-06	0.00E+00	0.00E+00	1.28E-04
1000	ALL	463109.7	3773102	NonCancer	0.00E+00	3.43E-08	0.00E+00	2.42E-09	2.42E-09	1.14E-06	1.39E-04	0.00E+00	1.06E-07	0.00E+00	2.42E-09	3.91E-06	0.00E+00	0.00E+00	1.39E-04
1001	ALL	463116.2	3773118	NonCancer	0.00E+00	3.73E-08	0.00E+00	2.64E-09	2.64E-09	1.25E-06	1.50E-04	0.00E+00	1.15E-07	0.00E+00	2.64E-09	4.26E-06	0.00E+00	0.00E+00	1.50E-04
1002	ALL	463122.6	3773133	NonCancer	0.00E+00	4.06E-08	0.00E+00	2.87E-09	2.87E-09	1.35E-06	1.60E-04	0.00E+00	1.25E-07	0.00E+00	2.87E-09	4.63E-06	0.00E+00	0.00E+00	1.60E-04
1003	ALL	463050	3773026	NonCancer	0.00E+00	2.22E-08	0.00E+00	1.57E-09	1.57E-09	7.39E-07	9.38E-05	0.00E+00	6.82E-08	0.00E+00	1.57E-09	2.53E-06	0.00E+00	0.00E+00	9.38E-05
1004	ALL	463066.5	3773032	NonCancer	0.00E+00	2.28E-08	0.00E+00	1.61E-09	1.61E-09	7.61E-07	9.54E-05	0.00E+00	7.02E-08	0.00E+00	1.61E-09	2.60E-06	0.00E+00	0.00E+00	9.54E-05
1005	ALL	463083	3773039	NonCancer	0.00E+00	2.33E-08	0.00E+00	1.64E-09	1.64E-09	7.76E-07	9.57E-05	0.00E+00	7.16E-08	0.00E+00	1.64E-09	2.65E-06	0.00E+00	0.00E+00	9.57E-05
1006	ALL	463099.5	3773046	NonCancer	0.00E+00	2.35E-08	0.00E+00	1.66E-09	1.66E-09	7.83E-07	9.47E-05	0.00E+00	7.23E-08	0.00E+00	1.66E-09	2.68E-06	0.00E+00	0.00E+00	9.47E-05
1007	ALL	463111.2	3773058	NonCancer	0.00E+00	2.46E-08	0.00E+00	1.74E-09	1.74E-09	8.22E-07	9.82E-05	0.00E+00	7.59E-08	0.00E+00	1.74E-09	2.81E-06	0.00E+00	0.00E+00	9.82E-05
1008	ALL	463118.1	3773074	NonCancer	0.00E+00	2.69E-08	0.00E+00	1.90E-09	1.90E-09	8.98E-07	1.07E-04	0.00E+00	8.29E-08	0.00E+00	1.90E-09	3.07E-06	0.00E+00	0.00E+00	1.07E-04
1009	ALL	463125	3773091	NonCancer	0.00E+00	2.94E-08	0.00E+00	2.07E-09	2.07E-09	9.79E-07	1.15E-04	0.00E+00	9.04E-08	0.00E+00	2.07E-09	3.35E-06	0.00E+00	0.00E+00	1.15E-04
1010	ALL	463131.8	3773107	NonCancer	0.00E+00	3.20E-08	0.00E+00	2.26E-09	2.26E-09	1.07E-06	1.24E-04	0.00E+00	9.84E-08	0.00E+00	2.26E-09	3.65E-06	0.00E+00	0.00E+00	1.24E-04
1011	ALL	463138.7	3773124	NonCancer	0.00E+00	3.48E-08	0.00E+00	2.46E-09	2.46E-09	1.16E-06	1.33E-04	0.00E+00	1.07E-07	0.00E+00	2.46E-09	3.97E-06	0.00E+00	0.00E+00	1.33E-04
1012	ALL	463049.1	3773005	NonCancer	0.00E+00	1.91E-08	0.00E+00	1.35E-09	1.35E-09	6.36E-07	7.91E-05	0.00E+00	5.87E-08	0.00E+00	1.35E-09	2.18E-06	0.00E+00	0.00E+00	7.91E-05
1013	ALL	463065.3	3773012	NonCancer	0.00E+00	1.97E-08	0.00E+00	1.39E-09	1.39E-09	6.57E-07	8.09E-05	0.00E+00	6.07E-08	0.00E+00	1.39E-09	2.25E-06	0.00E+00	0.00E+00	8.09E-05
1014	ALL	463081.5	3773019	NonCancer	0.00E+00	2.02E-08	0.00E+00	1.43E-09	1.43E-09	6.74E-07	8.18E-05	0.00E+00	6.22E-08	0.00E+00	1.43E-09	2.31E-06	0.00E+00	0.00E+00	8.18E-05
1015	ALL	463097.6	3773025	NonCancer	0.00E+00	2.06E-08	0.00E+00	1.45E-09	1.45E-09	6.86E-07	8.20E-05	0.00E+00	6.33E-08	0.00E+00	1.45E-09	2.35E-06	0.00E+00	0.00E+00	8.20E-05
1016	ALL	463113.8	3773032	NonCancer	0.00E+00	2.08E-08	0.00E+00	1.47E-09	1.47E-09	6.94E-07	8.15E-05	0.00E+00	6.41E-08	0.00E+00	1.47E-09	2.38E-06	0.00E+00	0.00E+00	8.15E-05
1017	ALL	463125.3	3773043	NonCancer	0.00E+00	2.18E-08	0.00E+00	1.54E-09	1.54E-09	7.26E-07	8.42E-05	0.00E+00	6.70E-08	0.00E+00	1.54E-09	2.48E-06	0.00E+00	0.00E+00	8.42E-05
1018	ALL	463132	3773060	NonCancer	0.00E+00	2.36E-08	0.00E+00	1.66E-09	1.66E-09	7.85E-07	9.07E-05	0.00E+00	7.25E-08	0.00E+00	1.66E-09	2.69E-06	0.00E+00	0.00E+00	9.07E-05
1019	ALL	463138.7	3773076	NonCancer	0.00E+00	2.55E-08	0.00E+00	1.80E-09	1.80E-09	8.49E-07	9.73E-05	0.00E+00	7.84E-08	0.00E+00	1.80E-09	2.91E-06	0.00E+00	0.00E+00	9.73E-05
1020	ALL	463145.4	3773092	NonCancer	0.00E+00	2.75E-08	0.00E+00	1.94E-09	1.94E-09	9.17E-07	1.04E-04	0.00E+00	8.47E-08	0.00E+00	1.94E-09	3.14E-06	0.00E+00	0.00E+00	1.04E-04
1021	ALL	463152.2	3773108	NonCancer	0.00E+00	2.97E-08	0.00E+00	2.10E-09	2.10E-09	9.91E-07	1.11E-04	0.00E+00	9.15E-08	0.00E+00	2.10E-09	3.39E-06	0.00E+00	0.00E+00	1.11E-04
1022	ALL	463158.9	3773124	NonCancer	0.00E+00	3.22E-08	0.00E+00	2.28E-09	2.28E-09	1.08E-06	1.18E-04	0.00E+00	9.93E-08	0.00E+00	2.28E-09	3.68E-06	0.00E+00	0.00E+00	1.18E-04
1023	ALL	463048.4	3772985	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.58E-07	6.81E-05	0.00E+00	5.15E-08	0.00E+00	1.18E-09	1.91E-06	0.00E+00	0.00E+00	6.81E-05
1024	ALL	463064.4	3772992	NonCancer	0.00E+00	1.73E-08	0.00E+00	1.22E-09	1.22E-09	5.77E-07	6.99E-05	0.00E+00	5.33E-08	0.00E+00	1.22E-09	1.98E-06	0.00E+00	0.00E+00	6.99E-05

1025	ALL	463080.3	3772998	NonCancer	0.00E+00	1.78E-08	0.00E+00	1.26E-09	1.26E-09	5.94E-07	7.11E-05	0.00E+00	5.48E-08	0.00E+00	1.26E-09	2.03E-06	0.00E+00	0.00E+00	7.11E-05
1026	ALL	463096.2	3773005	NonCancer	0.00E+00	1.82E-08	0.00E+00	1.29E-09	1.29E-09	6.08E-07	7.18E-05	0.00E+00	5.61E-08	0.00E+00	1.29E-09	2.08E-06	0.00E+00	0.00E+00	7.18E-05
1027	ALL	463112.1	3773011	NonCancer	0.00E+00	1.86E-08	0.00E+00	1.31E-09	1.31E-09	6.19E-07	7.20E-05	0.00E+00	5.71E-08	0.00E+00	1.31E-09	2.12E-06	0.00E+00	0.00E+00	7.20E-05
1028	ALL	463128.1	3773018	NonCancer	0.00E+00	1.88E-08	0.00E+00	1.33E-09	1.33E-09	6.27E-07	7.18E-05	0.00E+00	5.79E-08	0.00E+00	1.33E-09	2.15E-06	0.00E+00	0.00E+00	7.18E-05
1029	ALL	463139.3	3773029	NonCancer	0.00E+00	1.96E-08	0.00E+00	1.39E-09	1.39E-09	6.54E-07	7.40E-05	0.00E+00	6.04E-08	0.00E+00	1.39E-09	2.24E-06	0.00E+00	0.00E+00	7.40E-05
1030	ALL	463145.9	3773045	NonCancer	0.00E+00	2.11E-08	0.00E+00	1.49E-09	1.49E-09	7.02E-07	7.91E-05	0.00E+00	6.48E-08	0.00E+00	1.49E-09	2.40E-06	0.00E+00	0.00E+00	7.91E-05
1031	ALL	463152.6	3773061	NonCancer	0.00E+00	2.26E-08	0.00E+00	1.60E-09	1.60E-09	7.54E-07	8.43E-05	0.00E+00	6.96E-08	0.00E+00	1.60E-09	2.58E-06	0.00E+00	0.00E+00	8.43E-05
1032	ALL	463159.2	3773077	NonCancer	0.00E+00	2.43E-08	0.00E+00	1.72E-09	1.72E-09	8.10E-07	8.96E-05	0.00E+00	7.47E-08	0.00E+00	1.72E-09	2.77E-06	0.00E+00	0.00E+00	8.96E-05
1033	ALL	463165.8	3773093	NonCancer	0.00E+00	2.61E-08	0.00E+00	1.84E-09	1.84E-09	8.70E-07	9.51E-05	0.00E+00	8.04E-08	0.00E+00	1.84E-09	2.98E-06	0.00E+00	0.00E+00	9.51E-05
1034	ALL	463172.4	3773109	NonCancer	0.00E+00	2.81E-08	0.00E+00	1.99E-09	1.99E-09	9.38E-07	1.01E-04	0.00E+00	8.66E-08	0.00E+00	1.99E-09	3.21E-06	0.00E+00	0.00E+00	1.01E-04
1035	ALL	463179.1	3773124	NonCancer	0.00E+00	3.05E-08	0.00E+00	2.15E-09	2.15E-09	1.02E-06	1.07E-04	0.00E+00	9.38E-08	0.00E+00	2.15E-09	3.48E-06	0.00E+00	0.00E+00	1.07E-04
1036	ALL	463050.2	3772966	NonCancer	0.00E+00	1.50E-08	0.00E+00	1.06E-09	1.06E-09	5.00E-07	5.99E-05	0.00E+00	4.62E-08	0.00E+00	1.06E-09	1.71E-06	0.00E+00	0.00E+00	5.99E-05
1037	ALL	463058.5	3772969	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.10E-07	6.08E-05	0.00E+00	4.70E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	6.08E-05
1038	ALL	463066.9	3772973	NonCancer	0.00E+00	1.55E-08	0.00E+00	1.10E-09	1.10E-09	5.18E-07	6.16E-05	0.00E+00	4.78E-08	0.00E+00	1.10E-09	1.77E-06	0.00E+00	0.00E+00	6.16E-05
1039	ALL	463083.5	3772980	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.34E-07	6.28E-05	0.00E+00	4.93E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	6.28E-05
1040	ALL	463091.8	3772983	NonCancer	0.00E+00	1.62E-08	0.00E+00	1.15E-09	1.15E-09	5.42E-07	6.33E-05	0.00E+00	5.00E-08	0.00E+00	1.15E-09	1.85E-06	0.00E+00	0.00E+00	6.33E-05
1041	ALL	463108.5	3772990	NonCancer	0.00E+00	1.66E-08	0.00E+00	1.18E-09	1.18E-09	5.55E-07	6.40E-05	0.00E+00	5.12E-08	0.00E+00	1.18E-09	1.90E-06	0.00E+00	0.00E+00	6.40E-05
1042	ALL	463116.8	3772993	NonCancer	0.00E+00	1.68E-08	0.00E+00	1.19E-09	1.19E-09	5.61E-07	6.42E-05	0.00E+00	5.18E-08	0.00E+00	1.19E-09	1.92E-06	0.00E+00	0.00E+00	6.42E-05
1043	ALL	463125.1	3772997	NonCancer	0.00E+00	1.70E-08	0.00E+00	1.20E-09	1.20E-09	5.66E-07	6.44E-05	0.00E+00	5.23E-08	0.00E+00	1.20E-09	1.94E-06	0.00E+00	0.00E+00	6.44E-05
1044	ALL	463141.8	3773004	NonCancer	0.00E+00	1.73E-08	0.00E+00	1.22E-09	1.22E-09	5.76E-07	6.44E-05	0.00E+00	5.31E-08	0.00E+00	1.22E-09	1.97E-06	0.00E+00	0.00E+00	6.44E-05
1045	ALL	463153.6	3773015	NonCancer	0.00E+00	1.80E-08	0.00E+00	1.27E-09	1.27E-09	6.01E-07	6.65E-05	0.00E+00	5.54E-08	0.00E+00	1.27E-09	2.06E-06	0.00E+00	0.00E+00	6.65E-05
1046	ALL	463160.5	3773032	NonCancer	0.00E+00	1.93E-08	0.00E+00	1.36E-09	1.36E-09	6.43E-07	7.08E-05	0.00E+00	5.94E-08	0.00E+00	1.36E-09	2.20E-06	0.00E+00	0.00E+00	7.08E-05
1047	ALL	463167.4	3773049	NonCancer	0.00E+00	2.07E-08	0.00E+00	1.46E-09	1.46E-09	6.89E-07	7.53E-05	0.00E+00	6.36E-08	0.00E+00	1.46E-09	2.36E-06	0.00E+00	0.00E+00	7.53E-05
1048	ALL	463174.4	3773065	NonCancer	0.00E+00	2.22E-08	0.00E+00	1.57E-09	1.57E-09	7.39E-07	8.00E-05	0.00E+00	6.82E-08	0.00E+00	1.57E-09	2.53E-06	0.00E+00	0.00E+00	8.00E-05
1049	ALL	463177.8	3773073	NonCancer	0.00E+00	2.30E-08	0.00E+00	1.62E-09	1.62E-09	7.66E-07	8.24E-05	0.00E+00	7.07E-08	0.00E+00	1.62E-09	2.62E-06	0.00E+00	0.00E+00	8.24E-05
1050	ALL	463184.8	3773090	NonCancer	0.00E+00	2.47E-08	0.00E+00	1.75E-09	1.75E-09	8.24E-07	8.74E-05	0.00E+00	7.61E-08	0.00E+00	1.75E-09	2.82E-06	0.00E+00	0.00E+00	8.74E-05
1051	ALL	463191.7	3773107	NonCancer	0.00E+00	2.67E-08	0.00E+00	1.89E-09	1.89E-09	8.90E-07	9.28E-05	0.00E+00	8.21E-08	0.00E+00	1.89E-09	3.04E-06	0.00E+00	0.00E+00	9.28E-05
1052	ALL	463198.6	3773123	NonCancer	0.00E+00	2.90E-08	0.00E+00	2.05E-09	2.05E-09	9.67E-07	9.89E-05	0.00E+00	8.93E-08	0.00E+00	2.05E-09	3.31E-06	0.00E+00	0.00E+00	9.89E-05
1053	ALL	463049.5	3772946	NonCancer	0.00E+00	1.35E-08	0.00E+00	9.56E-10	9.56E-10	4.51E-07	5.32E-05	0.00E+00	4.17E-08	0.00E+00	9.56E-10	1.54E-06	0.00E+00	0.00E+00	5.32E-05
1054	ALL	463065.9	3772952	NonCancer	0.00E+00	1.40E-08	0.00E+00	9.90E-10	9.90E-10	4.67E-07	5.47E-05	0.00E+00	4.32E-08	0.00E+00	9.90E-10	1.60E-06	0.00E+00	0.00E+00	5.47E-05
1055	ALL	463082.3	3772959	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.02E-09	1.02E-09	4.82E-07	5.60E-05	0.00E+00	4.45E-08	0.00E+00	1.02E-09	1.65E-06	0.00E+00	0.00E+00	5.60E-05
1056	ALL	463098.7	3772966	NonCancer	0.00E+00	1.49E-08	0.00E+00	1.05E-09	1.05E-09	4.96E-07	5.70E-05	0.00E+00	4.58E-08	0.00E+00	1.05E-09	1.70E-06	0.00E+00	0.00E+00	5.70E-05
1057	ALL	463115.1	3772973	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.09E-07	5.77E-05	0.00E+00	4.70E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	5.77E-05
1058	ALL	463131.5	3772979	NonCancer	0.00E+00	1.56E-08	0.00E+00	1.10E-09	1.10E-09	5.20E-07	5.83E-05	0.00E+00	4.80E-08	0.00E+00	1.10E-09	1.78E-06	0.00E+00	0.00E+00	5.83E-05
1059	ALL	463147.8	3772986	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.12E-09	1.12E-09	5.30E-07	5.86E-05	0.00E+00	4.90E-08	0.00E+00	1.12E-09	1.82E-06	0.00E+00	0.00E+00	5.86E-05
1060	ALL	463167.6	3773001	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.58E-07	6.05E-05	0.00E+00	5.15E-08	0.00E+00	1.18E-09	1.91E-06	0.00E+00	0.00E+00	6.05E-05
1061	ALL	463174.5	3773017	NonCancer	0.00E+00	1.78E-08	0.00E+00	1.26E-09	1.26E-09	5.94E-07	6.41E-05	0.00E+00	5.48E-08	0.00E+00	1.26E-09	2.03E-06	0.00E+00	0.00E+00	6.41E-05
1062	ALL	463181.3	3773034	NonCancer	0.00E+00	1.90E-08	0.00E+00	1.34E-09	1.34E-09	6.33E-07	6.79E-05	0.00E+00	5.84E-08	0.00E+00	1.34E-09	2.17E-06	0.00E+00	0.00E+00	6.79E-05
1063	ALL	463188.1	3773050	NonCancer	0.00E+00	2.02E-08	0.00E+00	1.43E-09	1.43E-09	6.75E-07	7.18E-05	0.00E+00	6.23E-08	0.00E+00	1.43E-09	2.31E-06	0.00E+00	0.00E+00	7.18E-05
1064	ALL	463194.9	3773066	NonCancer	0.00E+00	2.16E-08	0.00E+00	1.53E-09	1.53E-09	7.21E-07	7.58E-05	0.00E+00	6.66E-08	0.00E+00	1.53E-09	2.47E-06	0.00E+00	0.00E+00	7.58E-05
1065	ALL	463201.7	3773083	NonCancer	0.00E+00	2.32E-08	0.00E+00	1.64E-09	1.64E-09	7.73E-07	8.02E-05	0.00E+00	7.13E-08	0.00E+00	1.64E-09	2.65E-06	0.00E+00	0.00E+00	8.02E-05
1066	ALL	463208.5	3773099	NonCancer	0.00E+00	2.49E-08	0.00E+00	1.76E-09	1.76E-09	8.31E-07	8.49E-05	0.00E+00	7.67E-08	0.00E+00	1.76E-09	2.84E-06	0.00E+00	0.00E+00	8.49E-05
1067	ALL	463215.4	3773115	NonCancer	0.00E+00	2.70E-08	0.00E+00	1.91E-09	1.91E-09	8.99E-07	9.03E-05	0.00E+00	8.30E-08	0.00E+00	1.91E-09	3.08E-06	0.00E+00	0.00E+00	9.03E-05
1068	ALL	463222.2	3773132	NonCancer	0.00E+00	2.95E-08	0.00E+00	2.08E-09	2.08E-09	9.82E-07	9.65E-05	0.00E+00	9.07E-08	0.00E+00	2.08E-09	3.36E-06	0.00E+00	0.00E+00	9.65E-05
1069	ALL	463048.9	3772925	NonCancer	0.00E+00	1.23E-08	0.00E+00	8.72E-10	8.72E-10	4.12E-07	4.78E-05	0.00E+00	3.80E-08	0.00E+00	8.72E-10	1.41E-06	0.00E+00	0.00E+00	4.78E-05
1070	ALL	463065.1	3772932	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.03E-10	9.03E-10	4.26E-07	4.91E-05	0.00E+00	3.93E-08	0.00E+00	9.03E-10	1.46E-06	0.00E+00	0.00E+00	4.91E-05
1071	ALL	463081.3	3772939	NonCancer	0.00E+00	1.32E-08	0.00E+00	9.32E-10	9.32E-10	4.40E-07	5.04E-05	0.00E+00	4.06E-08	0.00E+00	9.32E-10	1.51E-06	0.00E+00	0.00E+00	5.04E-05
1072	ALL	463097.5	3772945	NonCancer	0.00E+00	1.36E-08	0.00E+00	9.60E-10	9.60E-10	4.53E-07	5.14E-05	0.00E+00	4.18E-08	0.00E+00	9.60E-10	1.55E-06	0.00E+00	0.00E+00	5.14E-05
1073	ALL	463113.6	3772952	NonCancer	0.00E+00	1.40E-08	0.00E+00	9.86E-10	9.86E-10	4.65E-07	5.23E-05	0.00E+00	4.30E-08	0.00E+00	9.86E-10	1.59E-06	0.00E+00	0.00E+00	5.23E-05
1074	ALL	463129.8	3772959	NonCancer	0.00E+00	1.43E-08	0.00E+00	1.01E-09	1.01E-09	4.77E-07	5.30E-05	0.00E+00	4.40E-08	0.00E+00	1.01E-09	1.63E-06	0.00E+00	0.00E+00	5.30E-05
1075	ALL	463146	3772965	NonCancer	0.00E+00	1.46E-08	0.00E+00	1.03E-09	1.03E-09	4.88E-07	5.36E-05	0.00E+00	4.50E-08	0.00E+00	1.03E-09	1.67E-06	0.00E+00	0.00E+00	5.36E-05
1076	ALL	463162.2	3772972	NonCancer	0.00E+00	1.49E-08	0.00E+00	1.06E-09	1.06E-09	4.99E-07	5.40E-05	0.00E+00	4.60E-08	0.00E+00	1.06E-09	1.71E-06	0.00E+00	0.00E+00	5.40E-05
1077	ALL	463181.7	3772987	NonCancer	0.00E+00	1.57E-08	0.00E+00	1.11E-09	1.11E-09	5.24E-07	5.59E-05	0.00E+00	4.84E-08	0.00E+00	1.11E-09	1.79E-06	0.00E+00	0.00E+00	5.59E-05
1078	ALL	463188.4	3773003	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.55E-07	5.90E-05	0.00E+00	5.13E-08	0.00E+00	1.18E-09	1.90E-06	0.00E+00	0.00E+00	5.90E-05

1079	ALL	463195.2	3773019	NonCancer	0.00E+00	1.77E-08	0.00E+00	1.25E-09	1.25E-09	5.89E-07	6.22E-05	0.00E+00	5.44E-08	0.00E+00	1.25E-09	2.02E-06	0.00E+00	0.00E+00	6.22E-05
1080	ALL	463201.9	3773035	NonCancer	0.00E+00	1.88E-08	0.00E+00	1.33E-09	1.33E-09	6.26E-07	6.55E-05	0.00E+00	5.78E-08	0.00E+00	1.33E-09	2.14E-06	0.00E+00	0.00E+00	6.55E-05
1081	ALL	463208.6	3773051	NonCancer	0.00E+00	1.99E-08	0.00E+00	1.41E-09	1.41E-09	6.65E-07	6.90E-05	0.00E+00	6.14E-08	0.00E+00	1.41E-09	2.28E-06	0.00E+00	0.00E+00	6.90E-05
1082	ALL	463215.4	3773067	NonCancer	0.00E+00	2.13E-08	0.00E+00	1.50E-09	1.50E-09	7.09E-07	7.27E-05	0.00E+00	6.55E-08	0.00E+00	1.50E-09	2.43E-06	0.00E+00	0.00E+00	7.27E-05
1083	ALL	463222.1	3773084	NonCancer	0.00E+00	2.27E-08	0.00E+00	1.61E-09	1.61E-09	7.58E-07	7.67E-05	0.00E+00	7.00E-08	0.00E+00	1.61E-09	2.60E-06	0.00E+00	0.00E+00	7.67E-05
1084	ALL	463228.8	3773100	NonCancer	0.00E+00	2.44E-08	0.00E+00	1.73E-09	1.73E-09	8.15E-07	8.11E-05	0.00E+00	7.52E-08	0.00E+00	1.73E-09	2.79E-06	0.00E+00	0.00E+00	8.11E-05
1085	ALL	463235.5	3773116	NonCancer	0.00E+00	2.64E-08	0.00E+00	1.87E-09	1.87E-09	8.81E-07	8.62E-05	0.00E+00	8.14E-08	0.00E+00	1.87E-09	3.02E-06	0.00E+00	0.00E+00	8.62E-05
1086	ALL	463242.3	3773132	NonCancer	0.00E+00	2.89E-08	0.00E+00	2.04E-09	2.04E-09	9.63E-07	9.23E-05	0.00E+00	8.89E-08	0.00E+00	2.04E-09	3.29E-06	0.00E+00	0.00E+00	9.23E-05
1087	ALL	463075.4	3772916	NonCancer	0.00E+00	1.20E-08	0.00E+00	8.49E-10	8.49E-10	4.01E-07	4.54E-05	0.00E+00	3.70E-08	0.00E+00	8.49E-10	1.37E-06	0.00E+00	0.00E+00	4.54E-05
1088	ALL	463083.7	3772920	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.63E-10	8.63E-10	4.07E-07	4.60E-05	0.00E+00	3.76E-08	0.00E+00	8.63E-10	1.39E-06	0.00E+00	0.00E+00	4.60E-05
1089	ALL	463100.5	3772927	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.90E-10	8.90E-10	4.20E-07	4.71E-05	0.00E+00	3.88E-08	0.00E+00	8.90E-10	1.44E-06	0.00E+00	0.00E+00	4.71E-05
1090	ALL	463108.8	3772930	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.03E-10	9.03E-10	4.26E-07	4.75E-05	0.00E+00	3.93E-08	0.00E+00	9.03E-10	1.46E-06	0.00E+00	0.00E+00	4.75E-05
1091	ALL	463117.2	3772933	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.16E-10	9.16E-10	4.32E-07	4.80E-05	0.00E+00	3.99E-08	0.00E+00	9.16E-10	1.48E-06	0.00E+00	0.00E+00	4.80E-05
1092	ALL	463133.9	3772940	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.41E-10	9.41E-10	4.44E-07	4.88E-05	0.00E+00	4.10E-08	0.00E+00	9.41E-10	1.52E-06	0.00E+00	0.00E+00	4.88E-05
1093	ALL	463142.3	3772944	NonCancer	0.00E+00	1.35E-08	0.00E+00	9.53E-10	9.53E-10	4.50E-07	4.92E-05	0.00E+00	4.15E-08	0.00E+00	9.53E-10	1.54E-06	0.00E+00	0.00E+00	4.92E-05
1094	ALL	463150.6	3772947	NonCancer	0.00E+00	1.37E-08	0.00E+00	9.65E-10	9.65E-10	4.56E-07	4.95E-05	0.00E+00	4.21E-08	0.00E+00	9.65E-10	1.56E-06	0.00E+00	0.00E+00	4.95E-05
1095	ALL	463159	3772951	NonCancer	0.00E+00	1.38E-08	0.00E+00	9.77E-10	9.77E-10	4.61E-07	4.98E-05	0.00E+00	4.26E-08	0.00E+00	9.77E-10	1.58E-06	0.00E+00	0.00E+00	4.98E-05
1096	ALL	463175.7	3772958	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.73E-07	5.04E-05	0.00E+00	4.36E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	5.04E-05
1097	ALL	463184.1	3772961	NonCancer	0.00E+00	1.43E-08	0.00E+00	1.01E-09	1.01E-09	4.79E-07	5.07E-05	0.00E+00	4.42E-08	0.00E+00	1.01E-09	1.64E-06	0.00E+00	0.00E+00	5.07E-05
1098	ALL	463195.9	3772973	NonCancer	0.00E+00	1.49E-08	0.00E+00	1.06E-09	1.06E-09	4.98E-07	5.23E-05	0.00E+00	4.60E-08	0.00E+00	1.06E-09	1.71E-06	0.00E+00	0.00E+00	5.23E-05
1099	ALL	463199.4	3772981	NonCancer	0.00E+00	1.54E-08	0.00E+00	1.09E-09	1.09E-09	5.13E-07	5.37E-05	0.00E+00	4.73E-08	0.00E+00	1.09E-09	1.75E-06	0.00E+00	0.00E+00	5.37E-05
1100	ALL	463206.4	3772998	NonCancer	0.00E+00	1.63E-08	0.00E+00	1.15E-09	1.15E-09	5.43E-07	5.66E-05	0.00E+00	5.01E-08	0.00E+00	1.15E-09	1.86E-06	0.00E+00	0.00E+00	5.66E-05
1101	ALL	463209.9	3773006	NonCancer	0.00E+00	1.68E-08	0.00E+00	1.18E-09	1.18E-09	5.59E-07	5.81E-05	0.00E+00	5.16E-08	0.00E+00	1.18E-09	1.91E-06	0.00E+00	0.00E+00	5.81E-05
1102	ALL	463216.8	3773023	NonCancer	0.00E+00	1.78E-08	0.00E+00	1.26E-09	1.26E-09	5.93E-07	6.11E-05	0.00E+00	5.47E-08	0.00E+00	1.26E-09	2.03E-06	0.00E+00	0.00E+00	6.11E-05
1103	ALL	463223.8	3773040	NonCancer	0.00E+00	1.89E-08	0.00E+00	1.33E-09	1.33E-09	6.29E-07	6.43E-05	0.00E+00	5.81E-08	0.00E+00	1.33E-09	2.15E-06	0.00E+00	0.00E+00	6.43E-05
1104	ALL	463227.3	3773048	NonCancer	0.00E+00	1.95E-08	0.00E+00	1.38E-09	1.38E-09	6.49E-07	6.60E-05	0.00E+00	5.99E-08	0.00E+00	1.38E-09	2.22E-06	0.00E+00	0.00E+00	6.60E-05
1105	ALL	463234.2	3773065	NonCancer	0.00E+00	2.08E-08	0.00E+00	1.47E-09	1.47E-09	6.92E-07	6.95E-05	0.00E+00	6.39E-08	0.00E+00	1.47E-09	2.37E-06	0.00E+00	0.00E+00	6.95E-05
1106	ALL	463241.2	3773081	NonCancer	0.00E+00	2.22E-08	0.00E+00	1.57E-09	1.57E-09	7.41E-07	7.35E-05	0.00E+00	6.84E-08	0.00E+00	1.57E-09	2.54E-06	0.00E+00	0.00E+00	7.35E-05
1107	ALL	463244.6	3773090	NonCancer	0.00E+00	2.30E-08	0.00E+00	1.63E-09	1.63E-09	7.68E-07	7.56E-05	0.00E+00	7.09E-08	0.00E+00	1.63E-09	2.63E-06	0.00E+00	0.00E+00	7.56E-05
1108	ALL	463251.6	3773106	NonCancer	0.00E+00	2.49E-08	0.00E+00	1.76E-09	1.76E-09	8.30E-07	8.03E-05	0.00E+00	7.66E-08	0.00E+00	1.76E-09	2.84E-06	0.00E+00	0.00E+00	8.03E-05
1109	ALL	463258.6	3773123	NonCancer	0.00E+00	2.71E-08	0.00E+00	1.91E-09	1.91E-09	9.03E-07	8.59E-05	0.00E+00	8.34E-08	0.00E+00	1.91E-09	3.09E-06	0.00E+00	0.00E+00	8.59E-05
1110	ALL	463262	3773131	NonCancer	0.00E+00	2.84E-08	0.00E+00	2.01E-09	2.01E-09	9.47E-07	8.91E-05	0.00E+00	8.74E-08	0.00E+00	2.01E-09	3.24E-06	0.00E+00	0.00E+00	8.91E-05
1111	ALL	463115.8	3772913	NonCancer	0.00E+00	1.20E-08	0.00E+00	8.49E-10	8.49E-10	4.01E-07	4.41E-05	0.00E+00	3.70E-08	0.00E+00	8.49E-10	1.37E-06	0.00E+00	0.00E+00	4.41E-05
1112	ALL	463132.3	3772920	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.74E-10	8.74E-10	4.12E-07	4.50E-05	0.00E+00	3.81E-08	0.00E+00	8.74E-10	1.41E-06	0.00E+00	0.00E+00	4.50E-05
1113	ALL	463148.8	3772926	NonCancer	0.00E+00	1.27E-08	0.00E+00	8.98E-10	8.98E-10	4.24E-07	4.58E-05	0.00E+00	3.91E-08	0.00E+00	8.98E-10	1.45E-06	0.00E+00	0.00E+00	4.58E-05
1114	ALL	463165.3	3772933	NonCancer	0.00E+00	1.30E-08	0.00E+00	9.22E-10	9.22E-10	4.35E-07	4.65E-05	0.00E+00	4.02E-08	0.00E+00	9.22E-10	1.49E-06	0.00E+00	0.00E+00	4.65E-05
1115	ALL	463181.8	3772940	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.47E-10	9.47E-10	4.47E-07	4.72E-05	0.00E+00	4.12E-08	0.00E+00	9.47E-10	1.53E-06	0.00E+00	0.00E+00	4.72E-05
1116	ALL	463198.3	3772947	NonCancer	0.00E+00	1.38E-08	0.00E+00	9.73E-10	9.73E-10	4.59E-07	4.79E-05	0.00E+00	4.24E-08	0.00E+00	9.73E-10	1.57E-06	0.00E+00	0.00E+00	4.79E-05
1117	ALL	463210	3772959	NonCancer	0.00E+00	1.43E-08	0.00E+00	1.01E-09	1.01E-09	4.78E-07	4.95E-05	0.00E+00	4.41E-08	0.00E+00	1.01E-09	1.64E-06	0.00E+00	0.00E+00	4.95E-05
1118	ALL	463216.9	3772975	NonCancer	0.00E+00	1.51E-08	0.00E+00	1.07E-09	1.07E-09	5.04E-07	5.20E-05	0.00E+00	4.65E-08	0.00E+00	1.07E-09	1.73E-06	0.00E+00	0.00E+00	5.20E-05
1119	ALL	463223.7	3772991	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.32E-07	5.46E-05	0.00E+00	4.91E-08	0.00E+00	1.13E-09	1.82E-06	0.00E+00	0.00E+00	5.46E-05
1120	ALL	463230.6	3773008	NonCancer	0.00E+00	1.69E-08	0.00E+00	1.19E-09	1.19E-09	5.62E-07	5.73E-05	0.00E+00	5.19E-08	0.00E+00	1.19E-09	1.92E-06	0.00E+00	0.00E+00	5.73E-05
1121	ALL	463237.5	3773024	NonCancer	0.00E+00	1.78E-08	0.00E+00	1.26E-09	1.26E-09	5.95E-07	6.02E-05	0.00E+00	5.49E-08	0.00E+00	1.26E-09	2.04E-06	0.00E+00	0.00E+00	6.02E-05
1122	ALL	463244.4	3773041	NonCancer	0.00E+00	1.89E-08	0.00E+00	1.34E-09	1.34E-09	6.31E-07	6.32E-05	0.00E+00	5.82E-08	0.00E+00	1.34E-09	2.16E-06	0.00E+00	0.00E+00	6.32E-05
1123	ALL	463251.2	3773057	NonCancer	0.00E+00	2.01E-08	0.00E+00	1.42E-09	1.42E-09	6.70E-07	6.64E-05	0.00E+00	6.19E-08	0.00E+00	1.42E-09	2.29E-06	0.00E+00	0.00E+00	6.64E-05
1124	ALL	463258.1	3773074	NonCancer	0.00E+00	2.15E-08	0.00E+00	1.52E-09	1.52E-09	7.15E-07	7.00E-05	0.00E+00	6.60E-08	0.00E+00	1.52E-09	2.45E-06	0.00E+00	0.00E+00	7.00E-05
1125	ALL	463265	3773090	NonCancer	0.00E+00	2.30E-08	0.00E+00	1.63E-09	1.63E-09	7.67E-07	7.41E-05	0.00E+00	7.08E-08	0.00E+00	1.63E-09	2.63E-06	0.00E+00	0.00E+00	7.41E-05
1126	ALL	463271.8	3773107	NonCancer	0.00E+00	2.48E-08	0.00E+00	1.75E-09	1.75E-09	8.28E-07	7.87E-05	0.00E+00	7.64E-08	0.00E+00	1.75E-09	2.83E-06	0.00E+00	0.00E+00	7.87E-05
1127	ALL	463278.7	3773123	NonCancer	0.00E+00	2.70E-08	0.00E+00	1.91E-09	1.91E-09	9.01E-07	8.42E-05	0.00E+00	8.32E-08	0.00E+00	1.91E-09	3.08E-06	0.00E+00	0.00E+00	8.42E-05
1128	ALL	463179.9	3772919	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.88E-10	8.88E-10	4.19E-07	4.41E-05	0.00E+00	3.87E-08	0.00E+00	8.88E-10	1.43E-06	0.00E+00	0.00E+00	4.41E-05
1129	ALL	463196.2	3772926	NonCancer	0.00E+00	1.29E-08	0.00E+00	9.14E-10	9.14E-10	4.31E-07	4.49E-05	0.00E+00	3.98E-08	0.00E+00	9.14E-10	1.48E-06	0.00E+00	0.00E+00	4.49E-05
1130	ALL	463212.5	3772933	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.42E-10	9.42E-10	4.45E-07	4.58E-05	0.00E+00	4.10E-08	0.00E+00	9.42E-10	1.52E-06	0.00E+00	0.00E+00	4.58E-05
1131	ALL	463224.1	3772944	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.81E-10	9.81E-10	4.63E-07	4.74E-05	0.00E+00	4.27E-08	0.00E+00	9.81E-10	1.58E-06	0.00E+00	0.00E+00	4.74E-05
1132	ALL	463230.9	3772961	NonCancer	0.00E+00	1.46E-08	0.00E+00	1.03E-09	1.03E-09	4.87E-07	4.96E-05	0.00E+00	4.49E-08	0.00E+00	1.03E-09	1.67E-06	0.00E+00	0.00E+00	4.96E-05

1133	ALL	463237.7	3772977	NonCancer	0.00E+00	1.54E-08	0.00E+00	1.09E-09	1.09E-09	5.12E-07	5.20E-05	0.00E+00	4.73E-08	0.00E+00	1.09E-09	1.75E-06	0.00E+00	0.00E+00	5.20E-05
1134	ALL	463244.5	3772993	NonCancer	0.00E+00	1.62E-08	0.00E+00	1.14E-09	1.14E-09	5.40E-07	5.45E-05	0.00E+00	4.98E-08	0.00E+00	1.14E-09	1.85E-06	0.00E+00	0.00E+00	5.45E-05
1135	ALL	463251.3	3773009	NonCancer	0.00E+00	1.71E-08	0.00E+00	1.21E-09	1.21E-09	5.69E-07	5.71E-05	0.00E+00	5.26E-08	0.00E+00	1.21E-09	1.95E-06	0.00E+00	0.00E+00	5.71E-05
1136	ALL	463258.1	3773026	NonCancer	0.00E+00	1.80E-08	0.00E+00	1.27E-09	1.27E-09	6.02E-07	5.98E-05	0.00E+00	5.55E-08	0.00E+00	1.27E-09	2.06E-06	0.00E+00	0.00E+00	5.98E-05
1137	ALL	463264.8	3773042	NonCancer	0.00E+00	1.91E-08	0.00E+00	1.35E-09	1.35E-09	6.37E-07	6.28E-05	0.00E+00	5.88E-08	0.00E+00	1.35E-09	2.18E-06	0.00E+00	0.00E+00	6.28E-05
1138	ALL	463271.6	3773058	NonCancer	0.00E+00	2.03E-08	0.00E+00	1.43E-09	1.43E-09	6.77E-07	6.60E-05	0.00E+00	6.25E-08	0.00E+00	1.43E-09	2.32E-06	0.00E+00	0.00E+00	6.60E-05
1139	ALL	463278.4	3773075	NonCancer	0.00E+00	2.16E-08	0.00E+00	1.53E-09	1.53E-09	7.22E-07	6.95E-05	0.00E+00	6.66E-08	0.00E+00	1.53E-09	2.47E-06	0.00E+00	0.00E+00	6.95E-05
1140	ALL	463285.2	3773091	NonCancer	0.00E+00	2.32E-08	0.00E+00	1.64E-09	1.64E-09	7.73E-07	7.36E-05	0.00E+00	7.14E-08	0.00E+00	1.64E-09	2.65E-06	0.00E+00	0.00E+00	7.36E-05
1141	ALL	463292	3773107	NonCancer	0.00E+00	2.50E-08	0.00E+00	1.77E-09	1.77E-09	8.34E-07	7.82E-05	0.00E+00	7.70E-08	0.00E+00	1.77E-09	2.85E-06	0.00E+00	0.00E+00	7.82E-05
1142	ALL	463298.8	3773124	NonCancer	0.00E+00	2.72E-08	0.00E+00	1.92E-09	1.92E-09	9.07E-07	8.38E-05	0.00E+00	8.37E-08	0.00E+00	1.92E-09	3.10E-06	0.00E+00	0.00E+00	8.38E-05
1143	ALL	463041.7	3772832	NonCancer	0.00E+00	8.84E-09	0.00E+00	6.24E-10	6.24E-10	2.95E-07	3.25E-05	0.00E+00	2.72E-08	0.00E+00	6.24E-10	1.01E-06	0.00E+00	0.00E+00	3.25E-05
1144	ALL	463058.4	3772839	NonCancer	0.00E+00	9.15E-09	0.00E+00	6.46E-10	6.46E-10	3.05E-07	3.35E-05	0.00E+00	2.82E-08	0.00E+00	6.46E-10	1.04E-06	0.00E+00	0.00E+00	3.35E-05
1145	ALL	463066.7	3772843	NonCancer	0.00E+00	9.30E-09	0.00E+00	6.57E-10	6.57E-10	3.10E-07	3.40E-05	0.00E+00	2.86E-08	0.00E+00	6.57E-10	1.06E-06	0.00E+00	0.00E+00	3.40E-05
1146	ALL	463075	3772846	NonCancer	0.00E+00	9.46E-09	0.00E+00	6.69E-10	6.69E-10	3.15E-07	3.45E-05	0.00E+00	2.91E-08	0.00E+00	6.69E-10	1.08E-06	0.00E+00	0.00E+00	3.45E-05
1147	ALL	463091.7	3772853	NonCancer	0.00E+00	9.78E-09	0.00E+00	6.91E-10	6.91E-10	3.26E-07	3.55E-05	0.00E+00	3.01E-08	0.00E+00	6.91E-10	1.12E-06	0.00E+00	0.00E+00	3.55E-05
1148	ALL	463100.1	3772856	NonCancer	0.00E+00	9.94E-09	0.00E+00	7.02E-10	7.02E-10	3.32E-07	3.59E-05	0.00E+00	3.06E-08	0.00E+00	7.02E-10	1.13E-06	0.00E+00	0.00E+00	3.59E-05
1149	ALL	463245.3	3772923	NonCancer	0.00E+00	1.35E-08	0.00E+00	9.53E-10	9.53E-10	4.50E-07	4.53E-05	0.00E+00	4.15E-08	0.00E+00	9.53E-10	1.54E-06	0.00E+00	0.00E+00	4.53E-05
1150	ALL	463252.3	3772940	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.73E-07	4.75E-05	0.00E+00	4.36E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	4.75E-05
1151	ALL	463255.7	3772948	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.03E-09	1.03E-09	4.84E-07	4.85E-05	0.00E+00	4.47E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	4.85E-05
1152	ALL	463262.7	3772965	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.09E-07	5.08E-05	0.00E+00	4.70E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	5.08E-05
1153	ALL	463269.6	3772981	NonCancer	0.00E+00	1.61E-08	0.00E+00	1.14E-09	1.14E-09	5.36E-07	5.32E-05	0.00E+00	4.95E-08	0.00E+00	1.14E-09	1.84E-06	0.00E+00	0.00E+00	5.32E-05
1154	ALL	463276.6	3772998	NonCancer	0.00E+00	1.70E-08	0.00E+00	1.20E-09	1.20E-09	5.66E-07	5.58E-05	0.00E+00	5.22E-08	0.00E+00	1.20E-09	1.94E-06	0.00E+00	0.00E+00	5.58E-05
1155	ALL	463280	3773006	NonCancer	0.00E+00	1.74E-08	0.00E+00	1.23E-09	1.23E-09	5.81E-07	5.71E-05	0.00E+00	5.37E-08	0.00E+00	1.23E-09	1.99E-06	0.00E+00	0.00E+00	5.71E-05
1156	ALL	463287	3773023	NonCancer	0.00E+00	1.84E-08	0.00E+00	1.30E-09	1.30E-09	6.15E-07	6.00E-05	0.00E+00	5.68E-08	0.00E+00	1.30E-09	2.10E-06	0.00E+00	0.00E+00	6.00E-05
1157	ALL	463290.4	3773031	NonCancer	0.00E+00	1.90E-08	0.00E+00	1.34E-09	1.34E-09	6.33E-07	6.15E-05	0.00E+00	5.85E-08	0.00E+00	1.34E-09	2.17E-06	0.00E+00	0.00E+00	6.15E-05
1158	ALL	463297.4	3773048	NonCancer	0.00E+00	2.02E-08	0.00E+00	1.43E-09	1.43E-09	6.73E-07	6.47E-05	0.00E+00	6.21E-08	0.00E+00	1.43E-09	2.30E-06	0.00E+00	0.00E+00	6.47E-05
1159	ALL	463300.8	3773056	NonCancer	0.00E+00	2.08E-08	0.00E+00	1.47E-09	1.47E-09	6.94E-07	6.65E-05	0.00E+00	6.41E-08	0.00E+00	1.47E-09	2.38E-06	0.00E+00	0.00E+00	6.65E-05
1160	ALL	463307.8	3773073	NonCancer	0.00E+00	2.22E-08	0.00E+00	1.57E-09	1.57E-09	7.42E-07	7.03E-05	0.00E+00	6.85E-08	0.00E+00	1.57E-09	2.54E-06	0.00E+00	0.00E+00	7.03E-05
1161	ALL	463314.7	3773090	NonCancer	0.00E+00	2.39E-08	0.00E+00	1.69E-09	1.69E-09	7.96E-07	7.47E-05	0.00E+00	7.35E-08	0.00E+00	1.69E-09	2.73E-06	0.00E+00	0.00E+00	7.47E-05
1162	ALL	463321.6	3773106	NonCancer	0.00E+00	2.58E-08	0.00E+00	1.82E-09	1.82E-09	8.61E-07	7.98E-05	0.00E+00	7.95E-08	0.00E+00	1.82E-09	2.95E-06	0.00E+00	0.00E+00	7.98E-05
1163	ALL	463325.1	3773115	NonCancer	0.00E+00	2.69E-08	0.00E+00	1.90E-09	1.90E-09	8.98E-07	8.27E-05	0.00E+00	8.29E-08	0.00E+00	1.90E-09	3.07E-06	0.00E+00	0.00E+00	8.27E-05
1164	ALL	463332.1	3773131	NonCancer	0.00E+00	2.95E-08	0.00E+00	2.08E-09	2.08E-09	9.83E-07	8.94E-05	0.00E+00	9.08E-08	0.00E+00	2.08E-09	3.37E-06	0.00E+00	0.00E+00	8.94E-05
1165	ALL	463049.3	3772806	NonCancer	0.00E+00	8.26E-09	0.00E+00	5.84E-10	5.84E-10	2.76E-07	2.99E-05	0.00E+00	2.54E-08	0.00E+00	5.84E-10	9.43E-07	0.00E+00	0.00E+00	2.99E-05
1166	ALL	463065.8	3772812	NonCancer	0.00E+00	8.54E-09	0.00E+00	6.04E-10	6.04E-10	2.85E-07	3.08E-05	0.00E+00	2.63E-08	0.00E+00	6.04E-10	9.75E-07	0.00E+00	0.00E+00	3.08E-05
1167	ALL	463082.2	3772819	NonCancer	0.00E+00	8.83E-09	0.00E+00	6.24E-10	6.24E-10	2.95E-07	3.17E-05	0.00E+00	2.72E-08	0.00E+00	6.24E-10	1.01E-06	0.00E+00	0.00E+00	3.17E-05
1168	ALL	463098.7	3772826	NonCancer	0.00E+00	9.13E-09	0.00E+00	6.45E-10	6.45E-10	3.04E-07	3.26E-05	0.00E+00	2.81E-08	0.00E+00	6.45E-10	1.04E-06	0.00E+00	0.00E+00	3.26E-05
1169	ALL	463115.1	3772833	NonCancer	0.00E+00	9.43E-09	0.00E+00	6.66E-10	6.66E-10	3.14E-07	3.35E-05	0.00E+00	2.90E-08	0.00E+00	6.66E-10	1.08E-06	0.00E+00	0.00E+00	3.35E-05
1170	ALL	463131.5	3772839	NonCancer	0.00E+00	9.74E-09	0.00E+00	6.88E-10	6.88E-10	3.25E-07	3.44E-05	0.00E+00	3.00E-08	0.00E+00	6.88E-10	1.11E-06	0.00E+00	0.00E+00	3.44E-05
1171	ALL	463148	3772846	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.11E-10	7.11E-10	3.35E-07	3.53E-05	0.00E+00	3.10E-08	0.00E+00	7.11E-10	1.15E-06	0.00E+00	0.00E+00	3.53E-05
1172	ALL	463164.4	3772853	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.34E-10	7.34E-10	3.47E-07	3.62E-05	0.00E+00	3.20E-08	0.00E+00	7.34E-10	1.19E-06	0.00E+00	0.00E+00	3.62E-05
1173	ALL	463180.8	3772860	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.59E-10	7.59E-10	3.58E-07	3.72E-05	0.00E+00	3.31E-08	0.00E+00	7.59E-10	1.23E-06	0.00E+00	0.00E+00	3.72E-05
1174	ALL	463280.1	3772935	NonCancer	0.00E+00	1.48E-08	0.00E+00	1.04E-09	1.04E-09	4.92E-07	4.87E-05	0.00E+00	4.55E-08	0.00E+00	1.04E-09	1.69E-06	0.00E+00	0.00E+00	4.87E-05
1175	ALL	463287	3772951	NonCancer	0.00E+00	1.55E-08	0.00E+00	1.10E-09	1.10E-09	5.18E-07	5.10E-05	0.00E+00	4.78E-08	0.00E+00	1.10E-09	1.77E-06	0.00E+00	0.00E+00	5.10E-05
1176	ALL	463293.8	3772967	NonCancer	0.00E+00	1.63E-08	0.00E+00	1.15E-09	1.15E-09	5.45E-07	5.34E-05	0.00E+00	5.03E-08	0.00E+00	1.15E-09	1.86E-06	0.00E+00	0.00E+00	5.34E-05
1177	ALL	463300.6	3772984	NonCancer	0.00E+00	1.72E-08	0.00E+00	1.22E-09	1.22E-09	5.75E-07	5.60E-05	0.00E+00	5.31E-08	0.00E+00	1.22E-09	1.97E-06	0.00E+00	0.00E+00	5.60E-05
1178	ALL	463307.5	3773000	NonCancer	0.00E+00	1.82E-08	0.00E+00	1.29E-09	1.29E-09	6.07E-07	5.89E-05	0.00E+00	5.61E-08	0.00E+00	1.29E-09	2.08E-06	0.00E+00	0.00E+00	5.89E-05
1179	ALL	463314.3	3773017	NonCancer	0.00E+00	1.93E-08	0.00E+00	1.36E-09	1.36E-09	6.43E-07	6.20E-05	0.00E+00	5.94E-08	0.00E+00	1.36E-09	2.20E-06	0.00E+00	0.00E+00	6.20E-05
1180	ALL	463321.1	3773033	NonCancer	0.00E+00	2.05E-08	0.00E+00	1.45E-09	1.45E-09	6.83E-07	6.54E-05	0.00E+00	6.31E-08	0.00E+00	1.45E-09	2.34E-06	0.00E+00	0.00E+00	6.54E-05
1181	ALL	463328	3773049	NonCancer	0.00E+00	2.19E-08	0.00E+00	1.54E-09	1.54E-09	7.29E-07	6.93E-05	0.00E+00	6.73E-08	0.00E+00	1.54E-09	2.50E-06	0.00E+00	0.00E+00	6.93E-05
1182	ALL	463334.8	3773066	NonCancer	0.00E+00	2.34E-08	0.00E+00	1.65E-09	1.65E-09	7.81E-07	7.37E-05	0.00E+00	7.21E-08	0.00E+00	1.65E-09	2.67E-06	0.00E+00	0.00E+00	7.37E-05
1183	ALL	463341.6	3773082	NonCancer	0.00E+00	2.52E-08	0.00E+00	1.78E-09	1.78E-09	8.41E-07	7.88E-05	0.00E+00	7.76E-08	0.00E+00	1.78E-09	2.88E-06	0.00E+00	0.00E+00	7.88E-05
1184	ALL	463348.5	3773099	NonCancer	0.00E+00	2.73E-08	0.00E+00	1.93E-09	1.93E-09	9.12E-07	8.48E-05	0.00E+00	8.42E-08	0.00E+00	1.93E-09	3.12E-06	0.00E+00	0.00E+00	8.48E-05
1185	ALL	463355.3	3773115	NonCancer	0.00E+00	2.99E-08	0.00E+00	2.11E-09	2.11E-09	9.98E-07	9.20E-05	0.00E+00	9.21E-08	0.00E+00	2.11E-09	3.41E-06	0.00E+00	0.00E+00	9.20E-05
1186	ALL	463362.2	3773132	NonCancer	0.00E+00	3.31E-08	0.00E+00	2.34E-09	2.34E-09	1.10E-06	1.01E-04	0.00E+00	1.02E-07	0.00E+00	2.34E-09	3.77E-06	0.00E+00	0.00E+00	1.01E-04

1187	ALL	463041.6	3772772	NonCancer	0.00E+00	7.55E-09	0.00E+00	5.33E-10	5.33E-10	2.52E-07	2.70E-05	0.00E+00	2.32E-08	0.00E+00	5.33E-10	8.62E-07	0.00E+00	0.00E+00	2.70E-05
1188	ALL	463058.4	3772779	NonCancer	0.00E+00	7.81E-09	0.00E+00	5.52E-10	5.52E-10	2.60E-07	2.79E-05	0.00E+00	2.40E-08	0.00E+00	5.52E-10	8.91E-07	0.00E+00	0.00E+00	2.79E-05
1189	ALL	463066.7	3772783	NonCancer	0.00E+00	7.94E-09	0.00E+00	5.61E-10	5.61E-10	2.65E-07	2.83E-05	0.00E+00	2.45E-08	0.00E+00	5.61E-10	9.06E-07	0.00E+00	0.00E+00	2.83E-05
1190	ALL	463075.1	3772786	NonCancer	0.00E+00	8.08E-09	0.00E+00	5.71E-10	5.71E-10	2.69E-07	2.87E-05	0.00E+00	2.49E-08	0.00E+00	5.71E-10	9.22E-07	0.00E+00	0.00E+00	2.87E-05
1191	ALL	463083.5	3772790	NonCancer	0.00E+00	8.21E-09	0.00E+00	5.80E-10	5.80E-10	2.74E-07	2.91E-05	0.00E+00	2.53E-08	0.00E+00	5.80E-10	9.38E-07	0.00E+00	0.00E+00	2.91E-05
1192	ALL	463100.2	3772797	NonCancer	0.00E+00	8.50E-09	0.00E+00	6.00E-10	6.00E-10	2.83E-07	3.00E-05	0.00E+00	2.62E-08	0.00E+00	6.00E-10	9.70E-07	0.00E+00	0.00E+00	3.00E-05
1193	ALL	463108.6	3772800	NonCancer	0.00E+00	8.64E-09	0.00E+00	6.11E-10	6.11E-10	2.88E-07	3.04E-05	0.00E+00	2.66E-08	0.00E+00	6.11E-10	9.86E-07	0.00E+00	0.00E+00	3.04E-05
1194	ALL	463116.9	3772803	NonCancer	0.00E+00	8.79E-09	0.00E+00	6.21E-10	6.21E-10	2.93E-07	3.09E-05	0.00E+00	2.71E-08	0.00E+00	6.21E-10	1.00E-06	0.00E+00	0.00E+00	3.09E-05
1195	ALL	463133.6	3772810	NonCancer	0.00E+00	9.09E-09	0.00E+00	6.43E-10	6.43E-10	3.03E-07	3.18E-05	0.00E+00	2.80E-08	0.00E+00	6.43E-10	1.04E-06	0.00E+00	0.00E+00	3.18E-05
1196	ALL	463142	3772814	NonCancer	0.00E+00	9.25E-09	0.00E+00	6.54E-10	6.54E-10	3.08E-07	3.22E-05	0.00E+00	2.85E-08	0.00E+00	6.54E-10	1.06E-06	0.00E+00	0.00E+00	3.22E-05
1197	ALL	463150.4	3772817	NonCancer	0.00E+00	9.41E-09	0.00E+00	6.65E-10	6.65E-10	3.14E-07	3.27E-05	0.00E+00	2.90E-08	0.00E+00	6.65E-10	1.07E-06	0.00E+00	0.00E+00	3.27E-05
1198	ALL	463158.7	3772821	NonCancer	0.00E+00	9.58E-09	0.00E+00	6.77E-10	6.77E-10	3.19E-07	3.32E-05	0.00E+00	2.95E-08	0.00E+00	6.77E-10	1.09E-06	0.00E+00	0.00E+00	3.32E-05
1199	ALL	463175.5	3772828	NonCancer	0.00E+00	9.92E-09	0.00E+00	7.01E-10	7.01E-10	3.31E-07	3.42E-05	0.00E+00	3.05E-08	0.00E+00	7.01E-10	1.13E-06	0.00E+00	0.00E+00	3.42E-05
1200	ALL	463183.8	3772831	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.14E-10	7.14E-10	3.37E-07	3.47E-05	0.00E+00	3.11E-08	0.00E+00	7.14E-10	1.15E-06	0.00E+00	0.00E+00	3.47E-05
1201	ALL	463192.2	3772834	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.27E-10	7.27E-10	3.43E-07	3.52E-05	0.00E+00	3.17E-08	0.00E+00	7.27E-10	1.18E-06	0.00E+00	0.00E+00	3.52E-05
1202	ALL	463208.9	3772841	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.56E-10	7.56E-10	3.57E-07	3.63E-05	0.00E+00	3.29E-08	0.00E+00	7.56E-10	1.22E-06	0.00E+00	0.00E+00	3.63E-05
1203	ALL	463217.3	3772845	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.72E-10	7.72E-10	3.64E-07	3.69E-05	0.00E+00	3.36E-08	0.00E+00	7.72E-10	1.25E-06	0.00E+00	0.00E+00	3.69E-05
1204	ALL	463225.7	3772848	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.88E-10	7.88E-10	3.72E-07	3.76E-05	0.00E+00	3.43E-08	0.00E+00	7.88E-10	1.27E-06	0.00E+00	0.00E+00	3.76E-05
1205	ALL	463234	3772852	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.06E-10	8.06E-10	3.80E-07	3.83E-05	0.00E+00	3.51E-08	0.00E+00	8.06E-10	1.30E-06	0.00E+00	0.00E+00	3.83E-05
1206	ALL	463250.7	3772859	NonCancer	0.00E+00	1.20E-08	0.00E+00	8.44E-10	8.44E-10	3.99E-07	3.98E-05	0.00E+00	3.68E-08	0.00E+00	8.44E-10	1.36E-06	0.00E+00	0.00E+00	3.98E-05
1207	ALL	463259.1	3772862	NonCancer	0.00E+00	1.23E-08	0.00E+00	8.66E-10	8.66E-10	4.09E-07	4.07E-05	0.00E+00	3.77E-08	0.00E+00	8.66E-10	1.40E-06	0.00E+00	0.00E+00	4.07E-05
1208	ALL	463305.1	3772922	NonCancer	0.00E+00	1.56E-08	0.00E+00	1.10E-09	1.10E-09	5.19E-07	5.07E-05	0.00E+00	4.79E-08	0.00E+00	1.10E-09	1.78E-06	0.00E+00	0.00E+00	5.07E-05
1209	ALL	463312	3772939	NonCancer	0.00E+00	1.64E-08	0.00E+00	1.16E-09	1.16E-09	5.48E-07	5.34E-05	0.00E+00	5.06E-08	0.00E+00	1.16E-09	1.88E-06	0.00E+00	0.00E+00	5.34E-05
1210	ALL	463315.5	3772947	NonCancer	0.00E+00	1.69E-08	0.00E+00	1.19E-09	1.19E-09	5.64E-07	5.48E-05	0.00E+00	5.20E-08	0.00E+00	1.19E-09	1.93E-06	0.00E+00	0.00E+00	5.48E-05
1211	ALL	463322.5	3772964	NonCancer	0.00E+00	1.79E-08	0.00E+00	1.27E-09	1.27E-09	5.97E-07	5.78E-05	0.00E+00	5.51E-08	0.00E+00	1.27E-09	2.04E-06	0.00E+00	0.00E+00	5.78E-05
1212	ALL	463329.4	3772981	NonCancer	0.00E+00	1.90E-08	0.00E+00	1.35E-09	1.35E-09	6.35E-07	6.12E-05	0.00E+00	5.86E-08	0.00E+00	1.35E-09	2.17E-06	0.00E+00	0.00E+00	6.12E-05
1213	ALL	463332.9	3772989	NonCancer	0.00E+00	1.97E-08	0.00E+00	1.39E-09	1.39E-09	6.55E-07	6.31E-05	0.00E+00	6.05E-08	0.00E+00	1.39E-09	2.24E-06	0.00E+00	0.00E+00	6.31E-05
1214	ALL	463339.9	3773006	NonCancer	0.00E+00	2.10E-08	0.00E+00	1.48E-09	1.48E-09	7.01E-07	6.71E-05	0.00E+00	6.47E-08	0.00E+00	1.48E-09	2.40E-06	0.00E+00	0.00E+00	6.71E-05
1215	ALL	463346.8	3773023	NonCancer	0.00E+00	2.26E-08	0.00E+00	1.59E-09	1.59E-09	7.52E-07	7.18E-05	0.00E+00	6.94E-08	0.00E+00	1.59E-09	2.57E-06	0.00E+00	0.00E+00	7.18E-05
1216	ALL	463350.3	3773031	NonCancer	0.00E+00	2.34E-08	0.00E+00	1.66E-09	1.66E-09	7.81E-07	7.44E-05	0.00E+00	7.21E-08	0.00E+00	1.66E-09	2.67E-06	0.00E+00	0.00E+00	7.44E-05
1217	ALL	463357.3	3773048	NonCancer	0.00E+00	2.54E-08	0.00E+00	1.80E-09	1.80E-09	8.48E-07	8.05E-05	0.00E+00	7.83E-08	0.00E+00	1.80E-09	2.90E-06	0.00E+00	0.00E+00	8.05E-05
1218	ALL	463364.2	3773064	NonCancer	0.00E+00	2.78E-08	0.00E+00	1.97E-09	1.97E-09	9.28E-07	8.78E-05	0.00E+00	8.57E-08	0.00E+00	1.97E-09	3.18E-06	0.00E+00	0.00E+00	8.78E-05
1219	ALL	463367.7	3773073	NonCancer	0.00E+00	2.92E-08	0.00E+00	2.06E-09	2.06E-09	9.74E-07	9.21E-05	0.00E+00	8.99E-08	0.00E+00	2.06E-09	3.33E-06	0.00E+00	0.00E+00	9.21E-05
1220	ALL	463374.6	3773089	NonCancer	0.00E+00	3.25E-08	0.00E+00	2.30E-09	2.30E-09	1.08E-06	1.02E-04	0.00E+00	1.00E-07	0.00E+00	2.30E-09	3.71E-06	0.00E+00	0.00E+00	1.02E-04
1221	ALL	463381.6	3773106	NonCancer	0.00E+00	3.69E-08	0.00E+00	2.61E-09	2.61E-09	1.23E-06	1.17E-04	0.00E+00	1.14E-07	0.00E+00	2.61E-09	4.21E-06	0.00E+00	0.00E+00	1.17E-04
1222	ALL	463385.1	3773114	NonCancer	0.00E+00	3.97E-08	0.00E+00	2.81E-09	2.81E-09	1.32E-06	1.26E-04	0.00E+00	1.22E-07	0.00E+00	2.81E-09	4.53E-06	0.00E+00	0.00E+00	1.26E-04
1223	ALL	463392	3773131	NonCancer	0.00E+00	4.71E-08	0.00E+00	3.33E-09	3.33E-09	1.57E-06	1.50E-04	0.00E+00	1.45E-07	0.00E+00	3.33E-09	5.38E-06	0.00E+00	0.00E+00	1.50E-04
1224	ALL	463032.9	3772739	NonCancer	0.00E+00	6.93E-09	0.00E+00	4.90E-10	4.90E-10	2.31E-07	2.46E-05	0.00E+00	2.13E-08	0.00E+00	4.90E-10	7.91E-07	0.00E+00	0.00E+00	2.46E-05
1225	ALL	463049.4	3772746	NonCancer	0.00E+00	7.17E-09	0.00E+00	5.06E-10	5.06E-10	2.39E-07	2.53E-05	0.00E+00	2.21E-08	0.00E+00	5.06E-10	8.18E-07	0.00E+00	0.00E+00	2.53E-05
1226	ALL	463065.9	3772752	NonCancer	0.00E+00	7.41E-09	0.00E+00	5.23E-10	5.23E-10	2.47E-07	2.61E-05	0.00E+00	2.28E-08	0.00E+00	5.23E-10	8.46E-07	0.00E+00	0.00E+00	2.61E-05
1227	ALL	463082.4	3772759	NonCancer	0.00E+00	7.66E-09	0.00E+00	5.41E-10	5.41E-10	2.55E-07	2.69E-05	0.00E+00	2.36E-08	0.00E+00	5.41E-10	8.74E-07	0.00E+00	0.00E+00	2.69E-05
1228	ALL	463098.9	3772766	NonCancer	0.00E+00	7.92E-09	0.00E+00	5.60E-10	5.60E-10	2.64E-07	2.77E-05	0.00E+00	2.44E-08	0.00E+00	5.60E-10	9.04E-07	0.00E+00	0.00E+00	2.77E-05
1229	ALL	463115.5	3772773	NonCancer	0.00E+00	8.20E-09	0.00E+00	5.79E-10	5.79E-10	2.73E-07	2.86E-05	0.00E+00	2.52E-08	0.00E+00	5.79E-10	9.36E-07	0.00E+00	0.00E+00	2.86E-05
1230	ALL	463132	3772780	NonCancer	0.00E+00	8.49E-09	0.00E+00	6.00E-10	6.00E-10	2.83E-07	2.94E-05	0.00E+00	2.61E-08	0.00E+00	6.00E-10	9.69E-07	0.00E+00	0.00E+00	2.94E-05
1231	ALL	463148.5	3772786	NonCancer	0.00E+00	8.79E-09	0.00E+00	6.21E-10	6.21E-10	2.93E-07	3.03E-05	0.00E+00	2.71E-08	0.00E+00	6.21E-10	1.00E-06	0.00E+00	0.00E+00	3.03E-05
1232	ALL	463165	3772793	NonCancer	0.00E+00	9.11E-09	0.00E+00	6.44E-10	6.44E-10	3.04E-07	3.12E-05	0.00E+00	2.80E-08	0.00E+00	6.44E-10	1.04E-06	0.00E+00	0.00E+00	3.12E-05
1233	ALL	463181.5	3772800	NonCancer	0.00E+00	9.46E-09	0.00E+00	6.68E-10	6.68E-10	3.15E-07	3.22E-05	0.00E+00	2.91E-08	0.00E+00	6.68E-10	1.08E-06	0.00E+00	0.00E+00	3.22E-05
1234	ALL	463198	3772807	NonCancer	0.00E+00	9.83E-09	0.00E+00	6.95E-10	6.95E-10	3.28E-07	3.33E-05	0.00E+00	3.03E-08	0.00E+00	6.95E-10	1.12E-06	0.00E+00	0.00E+00	3.33E-05
1235	ALL	463214.5	3772814	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.24E-10	7.24E-10	3.42E-07	3.45E-05	0.00E+00	3.15E-08	0.00E+00	7.24E-10	1.17E-06	0.00E+00	0.00E+00	3.45E-05
1236	ALL	463231.1	3772820	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.57E-10	7.57E-10	3.57E-07	3.58E-05	0.00E+00	3.30E-08	0.00E+00	7.57E-10	1.22E-06	0.00E+00	0.00E+00	3.58E-05
1237	ALL	463247.6	3772827	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.94E-10	7.94E-10	3.75E-07	3.74E-05	0.00E+00	3.46E-08	0.00E+00	7.94E-10	1.28E-06	0.00E+00	0.00E+00	3.74E-05
1238	ALL	463264.1	3772834	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.38E-10	8.38E-10	3.96E-07	3.92E-05	0.00E+00	3.65E-08	0.00E+00	8.38E-10	1.35E-06	0.00E+00	0.00E+00	3.92E-05
1239	ALL	463280.6	3772841	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.90E-10	8.90E-10	4.20E-07	4.14E-05	0.00E+00	3.88E-08	0.00E+00	8.90E-10	1.44E-06	0.00E+00	0.00E+00	4.14E-05
1240	ALL	463297.1	3772848	NonCancer	0.00E+00	1.35E-08	0.00E+00	9.55E-10	9.55E-10	4.51E-07	4.41E-05	0.00E+00	4.16E-08	0.00E+00	9.55E-10	1.54E-06	0.00E+00	0.00E+00	4.41E-05

1241	ALL	463308.8	3772859	NonCancer	0.00E+00	1.44E-08	0.00E+00	1.02E-09	1.02E-09	4.81E-07	4.69E-05	0.00E+00	4.44E-08	0.00E+00	1.02E-09	1.65E-06	0.00E+00	0.00E+00	4.69E-05
1242	ALL	463336.3	3772925	NonCancer	0.00E+00	1.82E-08	0.00E+00	1.29E-09	1.29E-09	6.07E-07	5.87E-05	0.00E+00	5.60E-08	0.00E+00	1.29E-09	2.08E-06	0.00E+00	0.00E+00	5.87E-05
1243	ALL	463343.1	3772942	NonCancer	0.00E+00	1.94E-08	0.00E+00	1.37E-09	1.37E-09	6.49E-07	6.26E-05	0.00E+00	5.99E-08	0.00E+00	1.37E-09	2.22E-06	0.00E+00	0.00E+00	6.26E-05
1244	ALL	463350	3772958	NonCancer	0.00E+00	2.09E-08	0.00E+00	1.48E-09	1.48E-09	6.97E-07	6.71E-05	0.00E+00	6.43E-08	0.00E+00	1.48E-09	2.38E-06	0.00E+00	0.00E+00	6.71E-05
1245	ALL	463356.9	3772975	NonCancer	0.00E+00	2.26E-08	0.00E+00	1.60E-09	1.60E-09	7.54E-07	7.25E-05	0.00E+00	6.96E-08	0.00E+00	1.60E-09	2.58E-06	0.00E+00	0.00E+00	7.25E-05
1246	ALL	463363.7	3772991	NonCancer	0.00E+00	2.47E-08	0.00E+00	1.74E-09	1.74E-09	8.22E-07	7.90E-05	0.00E+00	7.59E-08	0.00E+00	1.74E-09	2.81E-06	0.00E+00	0.00E+00	7.90E-05
1247	ALL	463370.6	3773008	NonCancer	0.00E+00	2.72E-08	0.00E+00	1.92E-09	1.92E-09	9.06E-07	8.71E-05	0.00E+00	8.37E-08	0.00E+00	1.92E-09	3.10E-06	0.00E+00	0.00E+00	8.71E-05
1248	ALL	463377.5	3773024	NonCancer	0.00E+00	3.04E-08	0.00E+00	2.15E-09	2.15E-09	1.01E-06	9.76E-05	0.00E+00	9.35E-08	0.00E+00	2.15E-09	3.47E-06	0.00E+00	0.00E+00	9.76E-05
1249	ALL	463384.4	3773041	NonCancer	0.00E+00	3.47E-08	0.00E+00	2.45E-09	2.45E-09	1.16E-06	1.12E-04	0.00E+00	1.07E-07	0.00E+00	2.45E-09	3.96E-06	0.00E+00	0.00E+00	1.12E-04
1250	ALL	463391.2	3773057	NonCancer	0.00E+00	4.09E-08	0.00E+00	2.89E-09	2.89E-09	1.36E-06	1.34E-04	0.00E+00	1.26E-07	0.00E+00	2.89E-09	4.66E-06	0.00E+00	0.00E+00	1.34E-04
1251	ALL	463398.1	3773074	NonCancer	0.00E+00	5.07E-08	0.00E+00	3.58E-09	3.58E-09	1.69E-06	1.70E-04	0.00E+00	1.56E-07	0.00E+00	3.58E-09	5.79E-06	0.00E+00	0.00E+00	1.70E-04
1252	ALL	463405	3773090	NonCancer	0.00E+00	7.04E-08	0.00E+00	4.97E-09	4.97E-09	2.35E-06	2.47E-04	0.00E+00	2.17E-07	0.00E+00	4.97E-09	8.03E-06	0.00E+00	0.00E+00	2.47E-04
1253	ALL	463033.2	3772709	NonCancer	0.00E+00	6.52E-09	0.00E+00	4.61E-10	4.61E-10	2.17E-07	2.29E-05	0.00E+00	2.01E-08	0.00E+00	4.61E-10	7.44E-07	0.00E+00	0.00E+00	2.29E-05
1254	ALL	463041.6	3772712	NonCancer	0.00E+00	6.63E-09	0.00E+00	4.68E-10	4.68E-10	2.21E-07	2.32E-05	0.00E+00	2.04E-08	0.00E+00	4.68E-10	7.57E-07	0.00E+00	0.00E+00	2.32E-05
1255	ALL	463050	3772716	NonCancer	0.00E+00	6.74E-09	0.00E+00	4.76E-10	4.76E-10	2.25E-07	2.36E-05	0.00E+00	2.08E-08	0.00E+00	4.76E-10	7.69E-07	0.00E+00	0.00E+00	2.36E-05
1256	ALL	463066.7	3772723	NonCancer	0.00E+00	6.97E-09	0.00E+00	4.93E-10	4.93E-10	2.32E-07	2.43E-05	0.00E+00	2.15E-08	0.00E+00	4.93E-10	7.96E-07	0.00E+00	0.00E+00	2.43E-05
1257	ALL	463075.1	3772726	NonCancer	0.00E+00	7.09E-09	0.00E+00	5.01E-10	5.01E-10	2.36E-07	2.47E-05	0.00E+00	2.18E-08	0.00E+00	5.01E-10	8.09E-07	0.00E+00	0.00E+00	2.47E-05
1258	ALL	463083.5	3772730	NonCancer	0.00E+00	7.21E-09	0.00E+00	5.10E-10	5.10E-10	2.41E-07	2.51E-05	0.00E+00	2.22E-08	0.00E+00	5.10E-10	8.23E-07	0.00E+00	0.00E+00	2.51E-05
1259	ALL	463091.9	3772733	NonCancer	0.00E+00	7.34E-09	0.00E+00	5.19E-10	5.19E-10	2.45E-07	2.55E-05	0.00E+00	2.26E-08	0.00E+00	5.19E-10	8.38E-07	0.00E+00	0.00E+00	2.55E-05
1260	ALL	463108.6	3772740	NonCancer	0.00E+00	7.60E-09	0.00E+00	5.37E-10	5.37E-10	2.54E-07	2.63E-05	0.00E+00	2.34E-08	0.00E+00	5.37E-10	8.68E-07	0.00E+00	0.00E+00	2.63E-05
1261	ALL	463117	3772744	NonCancer	0.00E+00	7.74E-09	0.00E+00	5.47E-10	5.47E-10	2.58E-07	2.67E-05	0.00E+00	2.38E-08	0.00E+00	5.47E-10	8.83E-07	0.00E+00	0.00E+00	2.67E-05
1262	ALL	463125.4	3772747	NonCancer	0.00E+00	7.88E-09	0.00E+00	5.57E-10	5.57E-10	2.63E-07	2.71E-05	0.00E+00	2.43E-08	0.00E+00	5.57E-10	8.99E-07	0.00E+00	0.00E+00	2.71E-05
1263	ALL	463133.8	3772750	NonCancer	0.00E+00	8.02E-09	0.00E+00	5.67E-10	5.67E-10	2.68E-07	2.76E-05	0.00E+00	2.47E-08	0.00E+00	5.67E-10	9.16E-07	0.00E+00	0.00E+00	2.76E-05
1264	ALL	463150.5	3772757	NonCancer	0.00E+00	8.32E-09	0.00E+00	5.88E-10	5.88E-10	2.78E-07	2.85E-05	0.00E+00	2.56E-08	0.00E+00	5.88E-10	9.50E-07	0.00E+00	0.00E+00	2.85E-05
1265	ALL	463158.9	3772761	NonCancer	0.00E+00	8.48E-09	0.00E+00	5.99E-10	5.99E-10	2.83E-07	2.89E-05	0.00E+00	2.61E-08	0.00E+00	5.99E-10	9.68E-07	0.00E+00	0.00E+00	2.89E-05
1266	ALL	463167.3	3772764	NonCancer	0.00E+00	8.65E-09	0.00E+00	6.11E-10	6.11E-10	2.88E-07	2.94E-05	0.00E+00	2.66E-08	0.00E+00	6.11E-10	9.87E-07	0.00E+00	0.00E+00	2.94E-05
1267	ALL	463175.7	3772768	NonCancer	0.00E+00	8.82E-09	0.00E+00	6.23E-10	6.23E-10	2.94E-07	2.99E-05	0.00E+00	2.71E-08	0.00E+00	6.23E-10	1.01E-06	0.00E+00	0.00E+00	2.99E-05
1268	ALL	463184.1	3772771	NonCancer	0.00E+00	9.00E-09	0.00E+00	6.36E-10	6.36E-10	3.00E-07	3.05E-05	0.00E+00	2.77E-08	0.00E+00	6.36E-10	1.03E-06	0.00E+00	0.00E+00	3.05E-05
1269	ALL	463200.8	3772778	NonCancer	0.00E+00	9.38E-09	0.00E+00	6.63E-10	6.63E-10	3.13E-07	3.16E-05	0.00E+00	2.89E-08	0.00E+00	6.63E-10	1.07E-06	0.00E+00	0.00E+00	3.16E-05
1270	ALL	463209.2	3772781	NonCancer	0.00E+00	9.59E-09	0.00E+00	6.78E-10	6.78E-10	3.20E-07	3.22E-05	0.00E+00	2.95E-08	0.00E+00	6.78E-10	1.09E-06	0.00E+00	0.00E+00	3.22E-05
1271	ALL	463217.6	3772785	NonCancer	0.00E+00	9.81E-09	0.00E+00	6.93E-10	6.93E-10	3.27E-07	3.28E-05	0.00E+00	3.02E-08	0.00E+00	6.93E-10	1.12E-06	0.00E+00	0.00E+00	3.28E-05
1272	ALL	463226	3772788	NonCancer	0.00E+00	1.00E-08	0.00E+00	7.10E-10	7.10E-10	3.35E-07	3.35E-05	0.00E+00	3.09E-08	0.00E+00	7.10E-10	1.15E-06	0.00E+00	0.00E+00	3.35E-05
1273	ALL	463242.7	3772795	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.46E-10	7.46E-10	3.52E-07	3.50E-05	0.00E+00	3.25E-08	0.00E+00	7.46E-10	1.21E-06	0.00E+00	0.00E+00	3.50E-05
1274	ALL	463251.1	3772799	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.66E-10	7.66E-10	3.62E-07	3.59E-05	0.00E+00	3.34E-08	0.00E+00	7.66E-10	1.24E-06	0.00E+00	0.00E+00	3.59E-05
1275	ALL	463259.5	3772802	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.89E-10	7.89E-10	3.72E-07	3.68E-05	0.00E+00	3.44E-08	0.00E+00	7.89E-10	1.27E-06	0.00E+00	0.00E+00	3.68E-05
1276	ALL	463267.9	3772806	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.13E-10	8.13E-10	3.84E-07	3.78E-05	0.00E+00	3.54E-08	0.00E+00	8.13E-10	1.31E-06	0.00E+00	0.00E+00	3.78E-05
1277	ALL	463284.6	3772813	NonCancer	0.00E+00	1.23E-08	0.00E+00	8.69E-10	8.69E-10	4.10E-07	4.02E-05	0.00E+00	3.79E-08	0.00E+00	8.69E-10	1.40E-06	0.00E+00	0.00E+00	4.02E-05
1278	ALL	463293	3772816	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.02E-10	9.02E-10	4.26E-07	4.16E-05	0.00E+00	3.93E-08	0.00E+00	9.02E-10	1.46E-06	0.00E+00	0.00E+00	4.16E-05
1279	ALL	463301.4	3772819	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.39E-10	9.39E-10	4.43E-07	4.32E-05	0.00E+00	4.09E-08	0.00E+00	9.39E-10	1.52E-06	0.00E+00	0.00E+00	4.32E-05
1280	ALL	463309.8	3772823	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.80E-10	9.80E-10	4.63E-07	4.50E-05	0.00E+00	4.27E-08	0.00E+00	9.80E-10	1.58E-06	0.00E+00	0.00E+00	4.50E-05
1281	ALL	463330	3772838	NonCancer	0.00E+00	1.58E-08	0.00E+00	1.12E-09	1.12E-09	5.28E-07	5.11E-05	0.00E+00	4.87E-08	0.00E+00	1.12E-09	1.81E-06	0.00E+00	0.00E+00	5.11E-05
1282	ALL	463337	3772855	NonCancer	0.00E+00	1.69E-08	0.00E+00	1.19E-09	1.19E-09	5.63E-07	5.44E-05	0.00E+00	5.20E-08	0.00E+00	1.19E-09	1.93E-06	0.00E+00	0.00E+00	5.44E-05
1283	ALL	463368.4	3772930	NonCancer	0.00E+00	2.44E-08	0.00E+00	1.72E-09	1.72E-09	8.12E-07	7.85E-05	0.00E+00	7.50E-08	0.00E+00	1.72E-09	2.78E-06	0.00E+00	0.00E+00	7.85E-05
1284	ALL	463375.3	3772947	NonCancer	0.00E+00	2.72E-08	0.00E+00	1.92E-09	1.92E-09	9.07E-07	8.80E-05	0.00E+00	8.37E-08	0.00E+00	1.92E-09	3.10E-06	0.00E+00	0.00E+00	8.80E-05
1285	ALL	463382.3	3772964	NonCancer	0.00E+00	3.10E-08	0.00E+00	2.19E-09	2.19E-09	1.03E-06	1.01E-04	0.00E+00	9.53E-08	0.00E+00	2.19E-09	3.53E-06	0.00E+00	0.00E+00	1.01E-04
1286	ALL	463389.3	3772980	NonCancer	0.00E+00	3.63E-08	0.00E+00	2.57E-09	2.57E-09	1.21E-06	1.19E-04	0.00E+00	1.12E-07	0.00E+00	2.57E-09	4.14E-06	0.00E+00	0.00E+00	1.19E-04
1287	ALL	463396.3	3772997	NonCancer	0.00E+00	4.47E-08	0.00E+00	3.16E-09	3.16E-09	1.49E-06	1.49E-04	0.00E+00	1.37E-07	0.00E+00	3.16E-09	5.10E-06	0.00E+00	0.00E+00	1.49E-04
1288	ALL	463403.2	3773014	NonCancer	0.00E+00	6.03E-08	0.00E+00	4.26E-09	4.26E-09	2.01E-06	2.10E-04	0.00E+00	1.86E-07	0.00E+00	4.26E-09	6.88E-06	0.00E+00	0.00E+00	2.10E-04
1289	ALL	463448.5	3773123	NonCancer	0.00E+00	4.63E-08	0.00E+00	3.27E-09	3.27E-09	1.54E-06	1.32E-04	0.00E+00	1.43E-07	0.00E+00	3.27E-09	5.29E-06	0.00E+00	0.00E+00	1.32E-04
1290	ALL	463032.8	3772679	NonCancer	0.00E+00	6.15E-09	0.00E+00	4.35E-10	4.35E-10	2.05E-07	2.14E-05	0.00E+00	1.89E-08	0.00E+00	4.35E-10	7.02E-07	0.00E+00	0.00E+00	2.14E-05
1291	ALL	463049.4	3772686	NonCancer	0.00E+00	6.36E-09	0.00E+00	4.49E-10	4.49E-10	2.12E-07	2.21E-05	0.00E+00	1.96E-08	0.00E+00	4.49E-10	7.26E-07	0.00E+00	0.00E+00	2.21E-05
1292	ALL	463066	3772693	NonCancer	0.00E+00	6.57E-09	0.00E+00	4.65E-10	4.65E-10	2.19E-07	2.28E-05	0.00E+00	2.02E-08	0.00E+00	4.65E-10	7.50E-07	0.00E+00	0.00E+00	2.28E-05
1293	ALL	463082.6	3772699	NonCancer	0.00E+00	6.80E-09	0.00E+00	4.81E-10	4.81E-10	2.27E-07	2.35E-05	0.00E+00	2.09E-08	0.00E+00	4.81E-10	7.76E-07	0.00E+00	0.00E+00	2.35E-05
1294	ALL	463099.1	3772706	NonCancer	0.00E+00	7.04E-09	0.00E+00	4.98E-10	4.98E-10	2.35E-07	2.42E-05	0.00E+00	2.17E-08	0.00E+00	4.98E-10	8.04E-07	0.00E+00	0.00E+00	2.42E-05

1295	ALL	463115.7	3772713	NonCancer	0.00E+00	7.30E-09	0.00E+00	5.16E-10	5.16E-10	2.43E-07	2.50E-05	0.00E+00	2.25E-08	0.00E+00	5.16E-10	8.33E-07	0.00E+00	0.00E+00	2.50E-05
1296	ALL	463124	3772716	NonCancer	0.00E+00	7.43E-09	0.00E+00	5.25E-10	5.25E-10	2.48E-07	2.54E-05	0.00E+00	2.29E-08	0.00E+00	5.25E-10	8.48E-07	0.00E+00	0.00E+00	2.54E-05
1297	ALL	463140.6	3772723	NonCancer	0.00E+00	7.71E-09	0.00E+00	5.45E-10	5.45E-10	2.57E-07	2.63E-05	0.00E+00	2.37E-08	0.00E+00	5.45E-10	8.80E-07	0.00E+00	0.00E+00	2.63E-05
1298	ALL	463157.1	3772730	NonCancer	0.00E+00	8.01E-09	0.00E+00	5.66E-10	5.66E-10	2.67E-07	2.72E-05	0.00E+00	2.47E-08	0.00E+00	5.66E-10	9.14E-07	0.00E+00	0.00E+00	2.72E-05
1299	ALL	463173.7	3772737	NonCancer	0.00E+00	8.33E-09	0.00E+00	5.89E-10	5.89E-10	2.78E-07	2.81E-05	0.00E+00	2.57E-08	0.00E+00	5.89E-10	9.51E-07	0.00E+00	0.00E+00	2.81E-05
1300	ALL	463190.3	3772744	NonCancer	0.00E+00	8.69E-09	0.00E+00	6.14E-10	6.14E-10	2.90E-07	2.92E-05	0.00E+00	2.67E-08	0.00E+00	6.14E-10	9.91E-07	0.00E+00	0.00E+00	2.92E-05
1301	ALL	463206.9	3772751	NonCancer	0.00E+00	9.08E-09	0.00E+00	6.41E-10	6.41E-10	3.03E-07	3.03E-05	0.00E+00	2.79E-08	0.00E+00	6.41E-10	1.04E-06	0.00E+00	0.00E+00	3.03E-05
1302	ALL	463223.4	3772757	NonCancer	0.00E+00	9.52E-09	0.00E+00	6.72E-10	6.72E-10	3.17E-07	3.17E-05	0.00E+00	2.93E-08	0.00E+00	6.72E-10	1.09E-06	0.00E+00	0.00E+00	3.17E-05
1303	ALL	463231.7	3772761	NonCancer	0.00E+00	9.76E-09	0.00E+00	6.90E-10	6.90E-10	3.25E-07	3.24E-05	0.00E+00	3.00E-08	0.00E+00	6.90E-10	1.11E-06	0.00E+00	0.00E+00	3.24E-05
1304	ALL	463248.3	3772768	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.28E-10	7.28E-10	3.43E-07	3.40E-05	0.00E+00	3.17E-08	0.00E+00	7.28E-10	1.18E-06	0.00E+00	0.00E+00	3.40E-05
1305	ALL	463264.9	3772774	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.72E-10	7.72E-10	3.64E-07	3.59E-05	0.00E+00	3.36E-08	0.00E+00	7.72E-10	1.25E-06	0.00E+00	0.00E+00	3.59E-05
1306	ALL	463281.4	3772781	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.26E-10	8.26E-10	3.90E-07	3.81E-05	0.00E+00	3.60E-08	0.00E+00	8.26E-10	1.33E-06	0.00E+00	0.00E+00	3.81E-05
1307	ALL	463289.7	3772785	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.57E-10	8.57E-10	4.04E-07	3.95E-05	0.00E+00	3.73E-08	0.00E+00	8.57E-10	1.38E-06	0.00E+00	0.00E+00	3.95E-05
1308	ALL	463306.3	3772791	NonCancer	0.00E+00	1.32E-08	0.00E+00	9.31E-10	9.31E-10	4.39E-07	4.27E-05	0.00E+00	4.06E-08	0.00E+00	9.31E-10	1.50E-06	0.00E+00	0.00E+00	4.27E-05
1309	ALL	463322.9	3772798	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.03E-09	1.03E-09	4.85E-07	4.70E-05	0.00E+00	4.48E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	4.70E-05
1310	ALL	463339.4	3772805	NonCancer	0.00E+00	1.64E-08	0.00E+00	1.16E-09	1.16E-09	5.48E-07	5.29E-05	0.00E+00	5.06E-08	0.00E+00	1.16E-09	1.88E-06	0.00E+00	0.00E+00	5.29E-05
1311	ALL	463351.2	3772817	NonCancer	0.00E+00	1.84E-08	0.00E+00	1.30E-09	1.30E-09	6.13E-07	5.92E-05	0.00E+00	5.66E-08	0.00E+00	1.30E-09	2.10E-06	0.00E+00	0.00E+00	5.92E-05
1312	ALL	463358	3772833	NonCancer	0.00E+00	2.00E-08	0.00E+00	1.41E-09	1.41E-09	6.66E-07	6.43E-05	0.00E+00	6.14E-08	0.00E+00	1.41E-09	2.28E-06	0.00E+00	0.00E+00	6.43E-05
1313	ALL	463361.5	3772842	NonCancer	0.00E+00	2.09E-08	0.00E+00	1.47E-09	1.47E-09	6.96E-07	6.73E-05	0.00E+00	6.42E-08	0.00E+00	1.47E-09	2.38E-06	0.00E+00	0.00E+00	6.73E-05
1314	ALL	463368.4	3772858	NonCancer	0.00E+00	2.30E-08	0.00E+00	1.63E-09	1.63E-09	7.68E-07	7.43E-05	0.00E+00	7.09E-08	0.00E+00	1.63E-09	2.63E-06	0.00E+00	0.00E+00	7.43E-05
1315	ALL	463402.8	3772941	NonCancer	0.00E+00	5.69E-08	0.00E+00	4.02E-09	4.02E-09	1.90E-06	1.98E-04	0.00E+00	1.75E-07	0.00E+00	4.02E-09	6.49E-06	0.00E+00	0.00E+00	1.98E-04
1316	ALL	463447.6	3773048	NonCancer	0.00E+00	4.50E-08	0.00E+00	3.18E-09	3.18E-09	1.50E-06	1.28E-04	0.00E+00	1.38E-07	0.00E+00	3.18E-09	5.13E-06	0.00E+00	0.00E+00	1.28E-04
1317	ALL	463454.5	3773065	NonCancer	0.00E+00	3.81E-08	0.00E+00	2.69E-09	2.69E-09	1.27E-06	1.10E-04	0.00E+00	1.17E-07	0.00E+00	2.69E-09	4.35E-06	0.00E+00	0.00E+00	1.10E-04
1318	ALL	463461.4	3773082	NonCancer	0.00E+00	3.37E-08	0.00E+00	2.38E-09	2.38E-09	1.12E-06	9.81E-05	0.00E+00	1.04E-07	0.00E+00	2.38E-09	3.85E-06	0.00E+00	0.00E+00	9.81E-05
1319	ALL	463468.3	3773098	NonCancer	0.00E+00	3.07E-08	0.00E+00	2.17E-09	2.17E-09	1.02E-06	8.99E-05	0.00E+00	9.45E-08	0.00E+00	2.17E-09	3.50E-06	0.00E+00	0.00E+00	8.99E-05
1320	ALL	463475.2	3773115	NonCancer	0.00E+00	2.86E-08	0.00E+00	2.02E-09	2.02E-09	9.54E-07	8.39E-05	0.00E+00	8.80E-08	0.00E+00	2.02E-09	3.26E-06	0.00E+00	0.00E+00	8.39E-05
1321	ALL	463482.1	3773131	NonCancer	0.00E+00	2.70E-08	0.00E+00	1.91E-09	1.91E-09	9.00E-07	7.92E-05	0.00E+00	8.31E-08	0.00E+00	1.91E-09	3.08E-06	0.00E+00	0.00E+00	7.92E-05
1322	ALL	463033.1	3772649	NonCancer	0.00E+00	5.83E-09	0.00E+00	4.12E-10	4.12E-10	1.95E-07	2.01E-05	0.00E+00	1.80E-08	0.00E+00	4.12E-10	6.66E-07	0.00E+00	0.00E+00	2.01E-05
1323	ALL	463041.5	3772652	NonCancer	0.00E+00	5.93E-09	0.00E+00	4.19E-10	4.19E-10	1.98E-07	2.05E-05	0.00E+00	1.83E-08	0.00E+00	4.19E-10	6.77E-07	0.00E+00	0.00E+00	2.05E-05
1324	ALL	463049.9	3772656	NonCancer	0.00E+00	6.03E-09	0.00E+00	4.26E-10	4.26E-10	2.01E-07	2.08E-05	0.00E+00	1.86E-08	0.00E+00	4.26E-10	6.88E-07	0.00E+00	0.00E+00	2.08E-05
1325	ALL	463058.3	3772659	NonCancer	0.00E+00	6.13E-09	0.00E+00	4.34E-10	4.34E-10	2.05E-07	2.11E-05	0.00E+00	1.89E-08	0.00E+00	4.34E-10	7.00E-07	0.00E+00	0.00E+00	2.11E-05
1326	ALL	463066.7	3772663	NonCancer	0.00E+00	6.24E-09	0.00E+00	4.41E-10	4.41E-10	2.08E-07	2.14E-05	0.00E+00	1.92E-08	0.00E+00	4.41E-10	7.12E-07	0.00E+00	0.00E+00	2.14E-05
1327	ALL	463075.1	3772666	NonCancer	0.00E+00	6.35E-09	0.00E+00	4.49E-10	4.49E-10	2.12E-07	2.18E-05	0.00E+00	1.95E-08	0.00E+00	4.49E-10	7.25E-07	0.00E+00	0.00E+00	2.18E-05
1328	ALL	463083.5	3772670	NonCancer	0.00E+00	6.46E-09	0.00E+00	4.57E-10	4.57E-10	2.16E-07	2.21E-05	0.00E+00	1.99E-08	0.00E+00	4.57E-10	7.38E-07	0.00E+00	0.00E+00	2.21E-05
1329	ALL	463091.9	3772673	NonCancer	0.00E+00	6.58E-09	0.00E+00	4.65E-10	4.65E-10	2.19E-07	2.25E-05	0.00E+00	2.03E-08	0.00E+00	4.65E-10	7.51E-07	0.00E+00	0.00E+00	2.25E-05
1330	ALL	463100.3	3772677	NonCancer	0.00E+00	6.70E-09	0.00E+00	4.73E-10	4.73E-10	2.23E-07	2.29E-05	0.00E+00	2.06E-08	0.00E+00	4.73E-10	7.65E-07	0.00E+00	0.00E+00	2.29E-05
1331	ALL	463108.7	3772680	NonCancer	0.00E+00	6.82E-09	0.00E+00	4.82E-10	4.82E-10	2.28E-07	2.33E-05	0.00E+00	2.10E-08	0.00E+00	4.82E-10	7.79E-07	0.00E+00	0.00E+00	2.33E-05
1332	ALL	463117.1	3772684	NonCancer	0.00E+00	6.95E-09	0.00E+00	4.91E-10	4.91E-10	2.32E-07	2.37E-05	0.00E+00	2.14E-08	0.00E+00	4.91E-10	7.93E-07	0.00E+00	0.00E+00	2.37E-05
1333	ALL	463125.4	3772687	NonCancer	0.00E+00	7.08E-09	0.00E+00	5.00E-10	5.00E-10	2.36E-07	2.41E-05	0.00E+00	2.18E-08	0.00E+00	5.00E-10	8.08E-07	0.00E+00	0.00E+00	2.41E-05
1334	ALL	463133.8	3772691	NonCancer	0.00E+00	7.22E-09	0.00E+00	5.10E-10	5.10E-10	2.41E-07	2.45E-05	0.00E+00	2.22E-08	0.00E+00	5.10E-10	8.24E-07	0.00E+00	0.00E+00	2.45E-05
1335	ALL	463142.2	3772694	NonCancer	0.00E+00	7.36E-09	0.00E+00	5.20E-10	5.20E-10	2.45E-07	2.49E-05	0.00E+00	2.27E-08	0.00E+00	5.20E-10	8.40E-07	0.00E+00	0.00E+00	2.49E-05
1336	ALL	463150.6	3772697	NonCancer	0.00E+00	7.50E-09	0.00E+00	5.30E-10	5.30E-10	2.50E-07	2.53E-05	0.00E+00	2.31E-08	0.00E+00	5.30E-10	8.57E-07	0.00E+00	0.00E+00	2.53E-05
1337	ALL	463159	3772701	NonCancer	0.00E+00	7.66E-09	0.00E+00	5.41E-10	5.41E-10	2.55E-07	2.58E-05	0.00E+00	2.36E-08	0.00E+00	5.41E-10	8.74E-07	0.00E+00	0.00E+00	2.58E-05
1338	ALL	463167.4	3772704	NonCancer	0.00E+00	7.82E-09	0.00E+00	5.52E-10	5.52E-10	2.61E-07	2.63E-05	0.00E+00	2.41E-08	0.00E+00	5.52E-10	8.92E-07	0.00E+00	0.00E+00	2.63E-05
1339	ALL	463175.8	3772708	NonCancer	0.00E+00	7.98E-09	0.00E+00	5.64E-10	5.64E-10	2.66E-07	2.68E-05	0.00E+00	2.46E-08	0.00E+00	5.64E-10	9.11E-07	0.00E+00	0.00E+00	2.68E-05
1340	ALL	463184.2	3772711	NonCancer	0.00E+00	8.16E-09	0.00E+00	5.77E-10	5.77E-10	2.72E-07	2.73E-05	0.00E+00	2.51E-08	0.00E+00	5.77E-10	9.31E-07	0.00E+00	0.00E+00	2.73E-05
1341	ALL	463192.6	3772715	NonCancer	0.00E+00	8.35E-09	0.00E+00	5.90E-10	5.90E-10	2.78E-07	2.79E-05	0.00E+00	2.57E-08	0.00E+00	5.90E-10	9.53E-07	0.00E+00	0.00E+00	2.79E-05
1342	ALL	463201	3772718	NonCancer	0.00E+00	8.54E-09	0.00E+00	6.03E-10	6.03E-10	2.85E-07	2.85E-05	0.00E+00	2.63E-08	0.00E+00	6.03E-10	9.75E-07	0.00E+00	0.00E+00	2.85E-05
1343	ALL	463217.8	3772725	NonCancer	0.00E+00	8.96E-09	0.00E+00	6.33E-10	6.33E-10	2.99E-07	2.97E-05	0.00E+00	2.76E-08	0.00E+00	6.33E-10	1.02E-06	0.00E+00	0.00E+00	2.97E-05
1344	ALL	463226.2	3772729	NonCancer	0.00E+00	9.20E-09	0.00E+00	6.50E-10	6.50E-10	3.07E-07	3.04E-05	0.00E+00	2.83E-08	0.00E+00	6.50E-10	1.05E-06	0.00E+00	0.00E+00	3.04E-05
1345	ALL	463234.6	3772732	NonCancer	0.00E+00	9.45E-09	0.00E+00	6.68E-10	6.68E-10	3.15E-07	3.12E-05	0.00E+00	2.91E-08	0.00E+00	6.68E-10	1.08E-06	0.00E+00	0.00E+00	3.12E-05
1346	ALL	463243	3772735	NonCancer	0.00E+00	9.72E-09	0.00E+00	6.87E-10	6.87E-10	3.24E-07	3.20E-05	0.00E+00	2.99E-08	0.00E+00	6.87E-10	1.11E-06	0.00E+00	0.00E+00	3.20E-05
1347	ALL	463251.4	3772739	NonCancer	0.00E+00	1.00E-08	0.00E+00	7.07E-10	7.07E-10	3.34E-07	3.29E-05	0.00E+00	3.08E-08	0.00E+00	7.07E-10	1.14E-06	0.00E+00	0.00E+00	3.29E-05
1348	ALL	463259.8	3772742	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.30E-10	7.30E-10	3.44E-07	3.38E-05	0.00E+00	3.18E-08	0.00E+00	7.30E-10	1.18E-06	0.00E+00	0.00E+00	3.38E-05

1349	ALL	463268.1	3772746	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.54E-10	7.54E-10	3.56E-07	3.49E-05	0.00E+00	3.28E-08	0.00E+00	7.54E-10	1.22E-06	0.00E+00	0.00E+00	3.49E-05
1350	ALL	463276.5	3772749	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.81E-10	7.81E-10	3.69E-07	3.60E-05	0.00E+00	3.40E-08	0.00E+00	7.81E-10	1.26E-06	0.00E+00	0.00E+00	3.60E-05
1351	ALL	463284.9	3772753	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.11E-10	8.11E-10	3.83E-07	3.73E-05	0.00E+00	3.53E-08	0.00E+00	8.11E-10	1.31E-06	0.00E+00	0.00E+00	3.73E-05
1352	ALL	463293.3	3772756	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.44E-10	8.44E-10	3.98E-07	3.88E-05	0.00E+00	3.68E-08	0.00E+00	8.44E-10	1.36E-06	0.00E+00	0.00E+00	3.88E-05
1353	ALL	463301.7	3772760	NonCancer	0.00E+00	1.25E-08	0.00E+00	8.81E-10	8.81E-10	4.16E-07	4.04E-05	0.00E+00	3.84E-08	0.00E+00	8.81E-10	1.42E-06	0.00E+00	0.00E+00	4.04E-05
1354	ALL	463310.1	3772763	NonCancer	0.00E+00	1.31E-08	0.00E+00	9.24E-10	9.24E-10	4.36E-07	4.23E-05	0.00E+00	4.02E-08	0.00E+00	9.24E-10	1.49E-06	0.00E+00	0.00E+00	4.23E-05
1355	ALL	463318.5	3772767	NonCancer	0.00E+00	1.38E-08	0.00E+00	9.72E-10	9.72E-10	4.59E-07	4.44E-05	0.00E+00	4.24E-08	0.00E+00	9.72E-10	1.57E-06	0.00E+00	0.00E+00	4.44E-05
1356	ALL	463326.9	3772770	NonCancer	0.00E+00	1.46E-08	0.00E+00	1.03E-09	1.03E-09	4.86E-07	4.69E-05	0.00E+00	4.48E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	4.69E-05
1357	ALL	463335.3	3772773	NonCancer	0.00E+00	1.55E-08	0.00E+00	1.10E-09	1.10E-09	5.18E-07	5.00E-05	0.00E+00	4.78E-08	0.00E+00	1.10E-09	1.77E-06	0.00E+00	0.00E+00	5.00E-05
1358	ALL	463343.7	3772777	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.56E-07	5.36E-05	0.00E+00	5.13E-08	0.00E+00	1.18E-09	1.90E-06	0.00E+00	0.00E+00	5.36E-05
1359	ALL	463352.1	3772780	NonCancer	0.00E+00	1.81E-08	0.00E+00	1.28E-09	1.28E-09	6.03E-07	5.82E-05	0.00E+00	5.56E-08	0.00E+00	1.28E-09	2.06E-06	0.00E+00	0.00E+00	5.82E-05
1360	ALL	463360.5	3772784	NonCancer	0.00E+00	1.99E-08	0.00E+00	1.40E-09	1.40E-09	6.62E-07	6.40E-05	0.00E+00	6.11E-08	0.00E+00	1.40E-09	2.27E-06	0.00E+00	0.00E+00	6.40E-05
1361	ALL	463372.4	3772796	NonCancer	0.00E+00	2.35E-08	0.00E+00	1.66E-09	1.66E-09	7.83E-07	7.60E-05	0.00E+00	7.23E-08	0.00E+00	1.66E-09	2.68E-06	0.00E+00	0.00E+00	7.60E-05
1362	ALL	463379.4	3772812	NonCancer	0.00E+00	2.67E-08	0.00E+00	1.89E-09	1.89E-09	8.90E-07	8.67E-05	0.00E+00	8.21E-08	0.00E+00	1.89E-09	3.05E-06	0.00E+00	0.00E+00	8.67E-05
1363	ALL	463386.3	3772829	NonCancer	0.00E+00	3.11E-08	0.00E+00	2.19E-09	2.19E-09	1.04E-06	1.02E-04	0.00E+00	9.56E-08	0.00E+00	2.19E-09	3.54E-06	0.00E+00	0.00E+00	1.02E-04
1364	ALL	463393.3	3772846	NonCancer	0.00E+00	3.76E-08	0.00E+00	2.66E-09	2.66E-09	1.25E-06	1.25E-04	0.00E+00	1.16E-07	0.00E+00	2.66E-09	4.29E-06	0.00E+00	0.00E+00	1.25E-04
1365	ALL	463400.3	3772863	NonCancer	0.00E+00	4.88E-08	0.00E+00	3.45E-09	3.45E-09	1.63E-06	1.67E-04	0.00E+00	1.50E-07	0.00E+00	3.45E-09	5.57E-06	0.00E+00	0.00E+00	1.67E-04
1366	ALL	463452.7	3772988	NonCancer	0.00E+00	3.78E-08	0.00E+00	2.67E-09	2.67E-09	1.26E-06	1.09E-04	0.00E+00	1.16E-07	0.00E+00	2.67E-09	4.32E-06	0.00E+00	0.00E+00	1.09E-04
1367	ALL	463459.6	3773005	NonCancer	0.00E+00	3.27E-08	0.00E+00	2.31E-09	2.31E-09	1.09E-06	9.58E-05	0.00E+00	1.01E-07	0.00E+00	2.31E-09	3.74E-06	0.00E+00	0.00E+00	9.58E-05
1368	ALL	463466.6	3773022	NonCancer	0.00E+00	2.93E-08	0.00E+00	2.07E-09	2.07E-09	9.77E-07	8.64E-05	0.00E+00	9.02E-08	0.00E+00	2.07E-09	3.35E-06	0.00E+00	0.00E+00	8.64E-05
1369	ALL	463473.6	3773039	NonCancer	0.00E+00	2.69E-08	0.00E+00	1.90E-09	1.90E-09	8.96E-07	7.96E-05	0.00E+00	8.28E-08	0.00E+00	1.90E-09	3.07E-06	0.00E+00	0.00E+00	7.96E-05
1370	ALL	463480.6	3773055	NonCancer	0.00E+00	2.51E-08	0.00E+00	1.77E-09	1.77E-09	8.36E-07	7.44E-05	0.00E+00	7.72E-08	0.00E+00	1.77E-09	2.86E-06	0.00E+00	0.00E+00	7.44E-05
1371	ALL	463487.6	3773072	NonCancer	0.00E+00	2.37E-08	0.00E+00	1.67E-09	1.67E-09	7.90E-07	7.03E-05	0.00E+00	7.29E-08	0.00E+00	1.67E-09	2.70E-06	0.00E+00	0.00E+00	7.03E-05
1372	ALL	463494.6	3773089	NonCancer	0.00E+00	2.26E-08	0.00E+00	1.60E-09	1.60E-09	7.53E-07	6.71E-05	0.00E+00	6.95E-08	0.00E+00	1.60E-09	2.58E-06	0.00E+00	0.00E+00	6.71E-05
1373	ALL	463501.5	3773106	NonCancer	0.00E+00	2.17E-08	0.00E+00	1.53E-09	1.53E-09	7.24E-07	6.44E-05	0.00E+00	6.68E-08	0.00E+00	1.53E-09	2.48E-06	0.00E+00	0.00E+00	6.44E-05
1374	ALL	463508.5	3773122	NonCancer	0.00E+00	2.10E-08	0.00E+00	1.48E-09	1.48E-09	7.00E-07	6.22E-05	0.00E+00	6.46E-08	0.00E+00	1.48E-09	2.40E-06	0.00E+00	0.00E+00	6.22E-05
1375	ALL	463032.8	3772619	NonCancer	0.00E+00	5.54E-09	0.00E+00	3.92E-10	3.92E-10	1.85E-07	1.90E-05	0.00E+00	1.71E-08	0.00E+00	3.92E-10	6.33E-07	0.00E+00	0.00E+00	1.90E-05
1376	ALL	463049.4	3772626	NonCancer	0.00E+00	5.73E-09	0.00E+00	4.05E-10	4.05E-10	1.91E-07	1.96E-05	0.00E+00	1.76E-08	0.00E+00	4.05E-10	6.54E-07	0.00E+00	0.00E+00	1.96E-05
1377	ALL	463057.7	3772629	NonCancer	0.00E+00	5.83E-09	0.00E+00	4.12E-10	4.12E-10	1.94E-07	1.99E-05	0.00E+00	1.79E-08	0.00E+00	4.12E-10	6.65E-07	0.00E+00	0.00E+00	1.99E-05
1378	ALL	463074.3	3772636	NonCancer	0.00E+00	6.03E-09	0.00E+00	4.26E-10	4.26E-10	2.01E-07	2.06E-05	0.00E+00	1.86E-08	0.00E+00	4.26E-10	6.89E-07	0.00E+00	0.00E+00	2.06E-05
1379	ALL	463091	3772643	NonCancer	0.00E+00	6.25E-09	0.00E+00	4.42E-10	4.42E-10	2.08E-07	2.12E-05	0.00E+00	1.92E-08	0.00E+00	4.42E-10	7.13E-07	0.00E+00	0.00E+00	2.12E-05
1380	ALL	463099.3	3772646	NonCancer	0.00E+00	6.37E-09	0.00E+00	4.50E-10	4.50E-10	2.12E-07	2.16E-05	0.00E+00	1.96E-08	0.00E+00	4.50E-10	7.27E-07	0.00E+00	0.00E+00	2.16E-05
1381	ALL	463107.6	3772650	NonCancer	0.00E+00	6.48E-09	0.00E+00	4.58E-10	4.58E-10	2.16E-07	2.20E-05	0.00E+00	2.00E-08	0.00E+00	4.58E-10	7.40E-07	0.00E+00	0.00E+00	2.20E-05
1382	ALL	463115.9	3772653	NonCancer	0.00E+00	6.61E-09	0.00E+00	4.67E-10	4.67E-10	2.20E-07	2.23E-05	0.00E+00	2.03E-08	0.00E+00	4.67E-10	7.54E-07	0.00E+00	0.00E+00	2.23E-05
1383	ALL	463132.5	3772660	NonCancer	0.00E+00	6.86E-09	0.00E+00	4.85E-10	4.85E-10	2.29E-07	2.31E-05	0.00E+00	2.11E-08	0.00E+00	4.85E-10	7.83E-07	0.00E+00	0.00E+00	2.31E-05
1384	ALL	463149.1	3772667	NonCancer	0.00E+00	7.14E-09	0.00E+00	5.05E-10	5.05E-10	2.38E-07	2.40E-05	0.00E+00	2.20E-08	0.00E+00	5.05E-10	8.15E-07	0.00E+00	0.00E+00	2.40E-05
1385	ALL	463157.4	3772670	NonCancer	0.00E+00	7.29E-09	0.00E+00	5.15E-10	5.15E-10	2.43E-07	2.44E-05	0.00E+00	2.24E-08	0.00E+00	5.15E-10	8.32E-07	0.00E+00	0.00E+00	2.44E-05
1386	ALL	463165.7	3772674	NonCancer	0.00E+00	7.44E-09	0.00E+00	5.26E-10	5.26E-10	2.48E-07	2.49E-05	0.00E+00	2.29E-08	0.00E+00	5.26E-10	8.49E-07	0.00E+00	0.00E+00	2.49E-05
1387	ALL	463182.3	3772681	NonCancer	0.00E+00	7.77E-09	0.00E+00	5.49E-10	5.49E-10	2.59E-07	2.59E-05	0.00E+00	2.39E-08	0.00E+00	5.49E-10	8.87E-07	0.00E+00	0.00E+00	2.59E-05
1388	ALL	463190.6	3772684	NonCancer	0.00E+00	7.95E-09	0.00E+00	5.62E-10	5.62E-10	2.65E-07	2.64E-05	0.00E+00	2.45E-08	0.00E+00	5.62E-10	9.08E-07	0.00E+00	0.00E+00	2.64E-05
1389	ALL	463207.3	3772691	NonCancer	0.00E+00	8.34E-09	0.00E+00	5.89E-10	5.89E-10	2.78E-07	2.76E-05	0.00E+00	2.57E-08	0.00E+00	5.89E-10	9.52E-07	0.00E+00	0.00E+00	2.76E-05
1390	ALL	463215.6	3772694	NonCancer	0.00E+00	8.55E-09	0.00E+00	6.04E-10	6.04E-10	2.85E-07	2.83E-05	0.00E+00	2.63E-08	0.00E+00	6.04E-10	9.76E-07	0.00E+00	0.00E+00	2.83E-05
1391	ALL	463232.2	3772701	NonCancer	0.00E+00	9.02E-09	0.00E+00	6.38E-10	6.38E-10	3.01E-07	2.97E-05	0.00E+00	2.78E-08	0.00E+00	6.38E-10	1.03E-06	0.00E+00	0.00E+00	2.97E-05
1392	ALL	463240.5	3772704	NonCancer	0.00E+00	9.28E-09	0.00E+00	6.56E-10	6.56E-10	3.10E-07	3.05E-05	0.00E+00	2.86E-08	0.00E+00	6.56E-10	1.06E-06	0.00E+00	0.00E+00	3.05E-05
1393	ALL	463257.1	3772711	NonCancer	0.00E+00	9.87E-09	0.00E+00	6.97E-10	6.97E-10	3.29E-07	3.23E-05	0.00E+00	3.04E-08	0.00E+00	6.97E-10	1.13E-06	0.00E+00	0.00E+00	3.23E-05
1394	ALL	463273.7	3772718	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.46E-10	7.46E-10	3.52E-07	3.44E-05	0.00E+00	3.25E-08	0.00E+00	7.46E-10	1.21E-06	0.00E+00	0.00E+00	3.44E-05
1395	ALL	463290.3	3772725	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.06E-10	8.06E-10	3.81E-07	3.70E-05	0.00E+00	3.51E-08	0.00E+00	8.06E-10	1.30E-06	0.00E+00	0.00E+00	3.70E-05
1396	ALL	463298.7	3772728	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.42E-10	8.42E-10	3.97E-07	3.85E-05	0.00E+00	3.67E-08	0.00E+00	8.42E-10	1.36E-06	0.00E+00	0.00E+00	3.85E-05
1397	ALL	463315.3	3772735	NonCancer	0.00E+00	1.31E-08	0.00E+00	9.28E-10	9.28E-10	4.38E-07	4.23E-05	0.00E+00	4.04E-08	0.00E+00	9.28E-10	1.50E-06	0.00E+00	0.00E+00	4.23E-05
1398	ALL	463331.9	3772742	NonCancer	0.00E+00	1.48E-08	0.00E+00	1.04E-09	1.04E-09	4.92E-07	4.75E-05	0.00E+00	4.55E-08	0.00E+00	1.04E-09	1.69E-06	0.00E+00	0.00E+00	4.75E-05
1399	ALL	463340.2	3772746	NonCancer	0.00E+00	1.58E-08	0.00E+00	1.12E-09	1.12E-09	5.28E-07	5.08E-05	0.00E+00	4.87E-08	0.00E+00	1.12E-09	1.81E-06	0.00E+00	0.00E+00	5.08E-05
1400	ALL	463348.5	3772749	NonCancer	0.00E+00	1.71E-08	0.00E+00	1.21E-09	1.21E-09	5.70E-07	5.50E-05	0.00E+00	5.26E-08	0.00E+00	1.21E-09	1.95E-06	0.00E+00	0.00E+00	5.50E-05
1401	ALL	463365.1	3772756	NonCancer	0.00E+00	2.08E-08	0.00E+00	1.47E-09	1.47E-09	6.92E-07	6.69E-05	0.00E+00	6.39E-08	0.00E+00	1.47E-09	2.37E-06	0.00E+00	0.00E+00	6.69E-05
1402	ALL	463373.4	3772759	NonCancer	0.00E+00	2.35E-08	0.00E+00	1.66E-09	1.66E-09	7.84E-07	7.61E-05	0.00E+00	7.23E-08	0.00E+00	1.66E-09	2.68E-06	0.00E+00	0.00E+00	7.61E-05

1403	ALL	463393.5	3772774	NonCancer	0.00E+00	3.69E-08	0.00E+00	2.61E-09	2.61E-09	1.23E-06	1.23E-04	0.00E+00	1.14E-07	0.00E+00	2.61E-09	4.22E-06	0.00E+00	0.00E+00	1.23E-04
1404	ALL	463400.4	3772791	NonCancer	0.00E+00	4.80E-08	0.00E+00	3.39E-09	3.39E-09	1.60E-06	1.64E-04	0.00E+00	1.48E-07	0.00E+00	3.39E-09	5.48E-06	0.00E+00	0.00E+00	1.64E-04
1405	ALL	463459.2	3772932	NonCancer	0.00E+00	3.18E-08	0.00E+00	2.24E-09	2.24E-09	1.06E-06	9.31E-05	0.00E+00	9.78E-08	0.00E+00	2.24E-09	3.63E-06	0.00E+00	0.00E+00	9.31E-05
1406	ALL	463466.1	3772949	NonCancer	0.00E+00	2.82E-08	0.00E+00	1.99E-09	1.99E-09	9.40E-07	8.34E-05	0.00E+00	8.68E-08	0.00E+00	1.99E-09	3.22E-06	0.00E+00	0.00E+00	8.34E-05
1407	ALL	463473	3772965	NonCancer	0.00E+00	2.56E-08	0.00E+00	1.81E-09	1.81E-09	8.55E-07	7.62E-05	0.00E+00	7.89E-08	0.00E+00	1.81E-09	2.93E-06	0.00E+00	0.00E+00	7.62E-05
1408	ALL	463476.4	3772973	NonCancer	0.00E+00	2.46E-08	0.00E+00	1.74E-09	1.74E-09	8.21E-07	7.34E-05	0.00E+00	7.58E-08	0.00E+00	1.74E-09	2.81E-06	0.00E+00	0.00E+00	7.34E-05
1409	ALL	463483.3	3772990	NonCancer	0.00E+00	2.30E-08	0.00E+00	1.62E-09	1.62E-09	7.65E-07	6.86E-05	0.00E+00	7.07E-08	0.00E+00	1.62E-09	2.62E-06	0.00E+00	0.00E+00	6.86E-05
1410	ALL	463490.3	3773007	NonCancer	0.00E+00	2.16E-08	0.00E+00	1.53E-09	1.53E-09	7.21E-07	6.48E-05	0.00E+00	6.66E-08	0.00E+00	1.53E-09	2.47E-06	0.00E+00	0.00E+00	6.48E-05
1411	ALL	463497.2	3773023	NonCancer	0.00E+00	2.06E-08	0.00E+00	1.45E-09	1.45E-09	6.86E-07	6.17E-05	0.00E+00	6.33E-08	0.00E+00	1.45E-09	2.35E-06	0.00E+00	0.00E+00	6.17E-05
1412	ALL	463504.1	3773040	NonCancer	0.00E+00	1.97E-08	0.00E+00	1.39E-09	1.39E-09	6.57E-07	5.91E-05	0.00E+00	6.07E-08	0.00E+00	1.39E-09	2.25E-06	0.00E+00	0.00E+00	5.91E-05
1413	ALL	463511	3773056	NonCancer	0.00E+00	1.90E-08	0.00E+00	1.34E-09	1.34E-09	6.34E-07	5.69E-05	0.00E+00	5.85E-08	0.00E+00	1.34E-09	2.17E-06	0.00E+00	0.00E+00	5.69E-05
1414	ALL	463517.9	3773073	NonCancer	0.00E+00	1.84E-08	0.00E+00	1.30E-09	1.30E-09	6.14E-07	5.51E-05	0.00E+00	5.67E-08	0.00E+00	1.30E-09	2.10E-06	0.00E+00	0.00E+00	5.51E-05
1415	ALL	463524.8	3773090	NonCancer	0.00E+00	1.79E-08	0.00E+00	1.27E-09	1.27E-09	5.97E-07	5.35E-05	0.00E+00	5.51E-08	0.00E+00	1.27E-09	2.04E-06	0.00E+00	0.00E+00	5.35E-05
1416	ALL	463531.7	3773106	NonCancer	0.00E+00	1.75E-08	0.00E+00	1.24E-09	1.24E-09	5.83E-07	5.22E-05	0.00E+00	5.38E-08	0.00E+00	1.24E-09	2.00E-06	0.00E+00	0.00E+00	5.22E-05
1417	ALL	463535.2	3773114	NonCancer	0.00E+00	1.73E-08	0.00E+00	1.22E-09	1.22E-09	5.77E-07	5.16E-05	0.00E+00	5.32E-08	0.00E+00	1.22E-09	1.97E-06	0.00E+00	0.00E+00	5.16E-05
1418	ALL	463542.1	3773131	NonCancer	0.00E+00	1.70E-08	0.00E+00	1.20E-09	1.20E-09	5.65E-07	5.04E-05	0.00E+00	5.22E-08	0.00E+00	1.20E-09	1.94E-06	0.00E+00	0.00E+00	5.04E-05
1419	ALL	463033	3772589	NonCancer	0.00E+00	5.29E-09	0.00E+00	3.74E-10	3.74E-10	1.76E-07	1.80E-05	0.00E+00	1.63E-08	0.00E+00	3.74E-10	6.03E-07	0.00E+00	0.00E+00	1.80E-05
1420	ALL	463041.4	3772592	NonCancer	0.00E+00	5.38E-09	0.00E+00	3.80E-10	3.80E-10	1.79E-07	1.83E-05	0.00E+00	1.66E-08	0.00E+00	3.80E-10	6.14E-07	0.00E+00	0.00E+00	1.83E-05
1421	ALL	463049.8	3772596	NonCancer	0.00E+00	5.47E-09	0.00E+00	3.86E-10	3.86E-10	1.82E-07	1.86E-05	0.00E+00	1.68E-08	0.00E+00	3.86E-10	6.24E-07	0.00E+00	0.00E+00	1.86E-05
1422	ALL	463058.2	3772599	NonCancer	0.00E+00	5.56E-09	0.00E+00	3.93E-10	3.93E-10	1.86E-07	1.89E-05	0.00E+00	1.71E-08	0.00E+00	3.93E-10	6.35E-07	0.00E+00	0.00E+00	1.89E-05
1423	ALL	463066.6	3772603	NonCancer	0.00E+00	5.66E-09	0.00E+00	4.00E-10	4.00E-10	1.89E-07	1.92E-05	0.00E+00	1.74E-08	0.00E+00	4.00E-10	6.46E-07	0.00E+00	0.00E+00	1.92E-05
1424	ALL	463075	3772606	NonCancer	0.00E+00	5.76E-09	0.00E+00	4.07E-10	4.07E-10	1.92E-07	1.95E-05	0.00E+00	1.77E-08	0.00E+00	4.07E-10	6.58E-07	0.00E+00	0.00E+00	1.95E-05
1425	ALL	463083.4	3772610	NonCancer	0.00E+00	5.87E-09	0.00E+00	4.15E-10	4.15E-10	1.96E-07	1.99E-05	0.00E+00	1.81E-08	0.00E+00	4.15E-10	6.70E-07	0.00E+00	0.00E+00	1.99E-05
1426	ALL	463091.8	3772613	NonCancer	0.00E+00	5.98E-09	0.00E+00	4.22E-10	4.22E-10	1.99E-07	2.02E-05	0.00E+00	1.84E-08	0.00E+00	4.22E-10	6.82E-07	0.00E+00	0.00E+00	2.02E-05
1427	ALL	463100.3	3772617	NonCancer	0.00E+00	6.09E-09	0.00E+00	4.30E-10	4.30E-10	2.03E-07	2.06E-05	0.00E+00	1.88E-08	0.00E+00	4.30E-10	6.95E-07	0.00E+00	0.00E+00	2.06E-05
1428	ALL	463108.7	3772620	NonCancer	0.00E+00	6.21E-09	0.00E+00	4.39E-10	4.39E-10	2.07E-07	2.09E-05	0.00E+00	1.91E-08	0.00E+00	4.39E-10	7.09E-07	0.00E+00	0.00E+00	2.09E-05
1429	ALL	463117.1	3772624	NonCancer	0.00E+00	6.33E-09	0.00E+00	4.47E-10	4.47E-10	2.11E-07	2.13E-05	0.00E+00	1.95E-08	0.00E+00	4.47E-10	7.22E-07	0.00E+00	0.00E+00	2.13E-05
1430	ALL	463125.5	3772627	NonCancer	0.00E+00	6.45E-09	0.00E+00	4.56E-10	4.56E-10	2.15E-07	2.17E-05	0.00E+00	1.99E-08	0.00E+00	4.56E-10	7.37E-07	0.00E+00	0.00E+00	2.17E-05
1431	ALL	463133.9	3772631	NonCancer	0.00E+00	6.58E-09	0.00E+00	4.65E-10	4.65E-10	2.20E-07	2.21E-05	0.00E+00	2.03E-08	0.00E+00	4.65E-10	7.51E-07	0.00E+00	0.00E+00	2.21E-05
1432	ALL	463142.3	3772634	NonCancer	0.00E+00	6.72E-09	0.00E+00	4.75E-10	4.75E-10	2.24E-07	2.25E-05	0.00E+00	2.07E-08	0.00E+00	4.75E-10	7.67E-07	0.00E+00	0.00E+00	2.25E-05
1433	ALL	463150.7	3772637	NonCancer	0.00E+00	6.86E-09	0.00E+00	4.85E-10	4.85E-10	2.29E-07	2.29E-05	0.00E+00	2.11E-08	0.00E+00	4.85E-10	7.83E-07	0.00E+00	0.00E+00	2.29E-05
1434	ALL	463159.1	3772641	NonCancer	0.00E+00	7.01E-09	0.00E+00	4.95E-10	4.95E-10	2.34E-07	2.34E-05	0.00E+00	2.16E-08	0.00E+00	4.95E-10	8.00E-07	0.00E+00	0.00E+00	2.34E-05
1435	ALL	463167.5	3772644	NonCancer	0.00E+00	7.17E-09	0.00E+00	5.06E-10	5.06E-10	2.39E-07	2.39E-05	0.00E+00	2.21E-08	0.00E+00	5.06E-10	8.18E-07	0.00E+00	0.00E+00	2.39E-05
1436	ALL	463175.9	3772648	NonCancer	0.00E+00	7.33E-09	0.00E+00	5.18E-10	5.18E-10	2.44E-07	2.44E-05	0.00E+00	2.26E-08	0.00E+00	5.18E-10	8.37E-07	0.00E+00	0.00E+00	2.44E-05
1437	ALL	463184.3	3772651	NonCancer	0.00E+00	7.50E-09	0.00E+00	5.30E-10	5.30E-10	2.50E-07	2.49E-05	0.00E+00	2.31E-08	0.00E+00	5.30E-10	8.56E-07	0.00E+00	0.00E+00	2.49E-05
1438	ALL	463192.7	3772655	NonCancer	0.00E+00	7.68E-09	0.00E+00	5.43E-10	5.43E-10	2.56E-07	2.54E-05	0.00E+00	2.37E-08	0.00E+00	5.43E-10	8.77E-07	0.00E+00	0.00E+00	2.54E-05
1439	ALL	463201.1	3772658	NonCancer	0.00E+00	7.88E-09	0.00E+00	5.56E-10	5.56E-10	2.63E-07	2.60E-05	0.00E+00	2.42E-08	0.00E+00	5.56E-10	8.99E-07	0.00E+00	0.00E+00	2.60E-05
1440	ALL	463209.5	3772662	NonCancer	0.00E+00	8.08E-09	0.00E+00	5.71E-10	5.71E-10	2.69E-07	2.66E-05	0.00E+00	2.49E-08	0.00E+00	5.71E-10	9.22E-07	0.00E+00	0.00E+00	2.66E-05
1441	ALL	463217.9	3772665	NonCancer	0.00E+00	8.30E-09	0.00E+00	5.86E-10	5.86E-10	2.77E-07	2.73E-05	0.00E+00	2.55E-08	0.00E+00	5.86E-10	9.47E-07	0.00E+00	0.00E+00	2.73E-05
1442	ALL	463226.3	3772669	NonCancer	0.00E+00	8.53E-09	0.00E+00	6.03E-10	6.03E-10	2.84E-07	2.80E-05	0.00E+00	2.63E-08	0.00E+00	6.03E-10	9.73E-07	0.00E+00	0.00E+00	2.80E-05
1443	ALL	463234.7	3772672	NonCancer	0.00E+00	8.78E-09	0.00E+00	6.20E-10	6.20E-10	2.93E-07	2.88E-05	0.00E+00	2.70E-08	0.00E+00	6.20E-10	1.00E-06	0.00E+00	0.00E+00	2.88E-05
1444	ALL	463243.1	3772676	NonCancer	0.00E+00	9.05E-09	0.00E+00	6.39E-10	6.39E-10	3.02E-07	2.96E-05	0.00E+00	2.79E-08	0.00E+00	6.39E-10	1.03E-06	0.00E+00	0.00E+00	2.96E-05
1445	ALL	463251.5	3772679	NonCancer	0.00E+00	9.34E-09	0.00E+00	6.60E-10	6.60E-10	3.11E-07	3.05E-05	0.00E+00	2.88E-08	0.00E+00	6.60E-10	1.07E-06	0.00E+00	0.00E+00	3.05E-05
1446	ALL	463259.9	3772682	NonCancer	0.00E+00	9.66E-09	0.00E+00	6.82E-10	6.82E-10	3.22E-07	3.15E-05	0.00E+00	2.97E-08	0.00E+00	6.82E-10	1.10E-06	0.00E+00	0.00E+00	3.15E-05
1447	ALL	463268.3	3772686	NonCancer	0.00E+00	1.00E-08	0.00E+00	7.07E-10	7.07E-10	3.34E-07	3.25E-05	0.00E+00	3.08E-08	0.00E+00	7.07E-10	1.14E-06	0.00E+00	0.00E+00	3.25E-05
1448	ALL	463276.7	3772689	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.34E-10	7.34E-10	3.46E-07	3.37E-05	0.00E+00	3.20E-08	0.00E+00	7.34E-10	1.19E-06	0.00E+00	0.00E+00	3.37E-05
1449	ALL	463285.2	3772693	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.64E-10	7.64E-10	3.61E-07	3.50E-05	0.00E+00	3.33E-08	0.00E+00	7.64E-10	1.23E-06	0.00E+00	0.00E+00	3.50E-05
1450	ALL	463293.6	3772696	NonCancer	0.00E+00	1.13E-08	0.00E+00	7.97E-10	7.97E-10	3.76E-07	3.65E-05	0.00E+00	3.47E-08	0.00E+00	7.97E-10	1.29E-06	0.00E+00	0.00E+00	3.65E-05
1451	ALL	463302	3772700	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.35E-10	8.35E-10	3.94E-07	3.81E-05	0.00E+00	3.64E-08	0.00E+00	8.35E-10	1.35E-06	0.00E+00	0.00E+00	3.81E-05
1452	ALL	463310.4	3772703	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.78E-10	8.78E-10	4.14E-07	4.00E-05	0.00E+00	3.83E-08	0.00E+00	8.78E-10	1.42E-06	0.00E+00	0.00E+00	4.00E-05
1453	ALL	463318.8	3772707	NonCancer	0.00E+00	1.31E-08	0.00E+00	9.27E-10	9.27E-10	4.38E-07	4.22E-05	0.00E+00	4.04E-08	0.00E+00	9.27E-10	1.50E-06	0.00E+00	0.00E+00	4.22E-05
1454	ALL	463327.2	3772710	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.85E-10	9.85E-10	4.65E-07	4.48E-05	0.00E+00	4.29E-08	0.00E+00	9.85E-10	1.59E-06	0.00E+00	0.00E+00	4.48E-05
1455	ALL	463335.6	3772714	NonCancer	0.00E+00	1.49E-08	0.00E+00	1.05E-09	1.05E-09	4.97E-07	4.79E-05	0.00E+00	4.59E-08	0.00E+00	1.05E-09	1.70E-06	0.00E+00	0.00E+00	4.79E-05
1456	ALL	463344	3772717	NonCancer	0.00E+00	1.61E-08	0.00E+00	1.13E-09	1.13E-09	5.36E-07	5.16E-05	0.00E+00	4.94E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	5.16E-05

1457	ALL	463352.4	3772721	NonCancer	0.00E+00	1.75E-08	0.00E+00	1.24E-09	1.24E-09	5.83E-07	5.62E-05	0.00E+00	5.38E-08	0.00E+00	1.24E-09	2.00E-06	0.00E+00	0.00E+00	5.62E-05
1458	ALL	463360.8	3772724	NonCancer	0.00E+00	1.93E-08	0.00E+00	1.36E-09	1.36E-09	6.44E-07	6.21E-05	0.00E+00	5.94E-08	0.00E+00	1.36E-09	2.20E-06	0.00E+00	0.00E+00	6.21E-05
1459	ALL	463369.2	3772727	NonCancer	0.00E+00	2.17E-08	0.00E+00	1.53E-09	1.53E-09	7.23E-07	7.00E-05	0.00E+00	6.67E-08	0.00E+00	1.53E-09	2.47E-06	0.00E+00	0.00E+00	7.00E-05
1460	ALL	463377.6	3772731	NonCancer	0.00E+00	2.50E-08	0.00E+00	1.76E-09	1.76E-09	8.32E-07	8.10E-05	0.00E+00	7.68E-08	0.00E+00	1.76E-09	2.85E-06	0.00E+00	0.00E+00	8.10E-05
1461	ALL	463386	3772734	NonCancer	0.00E+00	2.98E-08	0.00E+00	2.10E-09	2.10E-09	9.93E-07	9.77E-05	0.00E+00	9.17E-08	0.00E+00	2.10E-09	3.40E-06	0.00E+00	0.00E+00	9.77E-05
1462	ALL	463394.4	3772738	NonCancer	0.00E+00	3.77E-08	0.00E+00	2.66E-09	2.66E-09	1.26E-06	1.26E-04	0.00E+00	1.16E-07	0.00E+00	2.66E-09	4.30E-06	0.00E+00	0.00E+00	1.26E-04
1463	ALL	463402.8	3772741	NonCancer	0.00E+00	5.37E-08	0.00E+00	3.79E-09	3.79E-09	1.79E-06	1.87E-04	0.00E+00	1.65E-07	0.00E+00	3.79E-09	6.13E-06	0.00E+00	0.00E+00	1.87E-04
1464	ALL	463439.2	3772812	NonCancer	0.00E+00	5.78E-08	0.00E+00	4.08E-09	4.08E-09	1.93E-06	1.60E-04	0.00E+00	1.78E-07	0.00E+00	4.08E-09	6.59E-06	0.00E+00	0.00E+00	1.60E-04
1465	ALL	463446.2	3772829	NonCancer	0.00E+00	4.32E-08	0.00E+00	3.06E-09	3.06E-09	1.44E-06	1.23E-04	0.00E+00	1.33E-07	0.00E+00	3.06E-09	4.94E-06	0.00E+00	0.00E+00	1.23E-04
1466	ALL	463453.2	3772845	NonCancer	0.00E+00	3.52E-08	0.00E+00	2.49E-09	2.49E-09	1.17E-06	1.02E-04	0.00E+00	1.08E-07	0.00E+00	2.49E-09	4.02E-06	0.00E+00	0.00E+00	1.02E-04
1467	ALL	463460.2	3772862	NonCancer	0.00E+00	3.02E-08	0.00E+00	2.14E-09	2.14E-09	1.01E-06	8.87E-05	0.00E+00	9.30E-08	0.00E+00	2.14E-09	3.45E-06	0.00E+00	0.00E+00	8.87E-05
1468	ALL	463463.6	3772871	NonCancer	0.00E+00	2.83E-08	0.00E+00	2.00E-09	2.00E-09	9.45E-07	8.37E-05	0.00E+00	8.73E-08	0.00E+00	2.00E-09	3.24E-06	0.00E+00	0.00E+00	8.37E-05
1469	ALL	463491.6	3772938	NonCancer	0.00E+00	2.03E-08	0.00E+00	1.43E-09	1.43E-09	6.76E-07	6.10E-05	0.00E+00	6.24E-08	0.00E+00	1.43E-09	2.31E-06	0.00E+00	0.00E+00	6.10E-05
1470	ALL	463495.1	3772946	NonCancer	0.00E+00	1.97E-08	0.00E+00	1.39E-09	1.39E-09	6.57E-07	5.94E-05	0.00E+00	6.06E-08	0.00E+00	1.39E-09	2.25E-06	0.00E+00	0.00E+00	5.94E-05
1471	ALL	463502.1	3772963	NonCancer	0.00E+00	1.87E-08	0.00E+00	1.32E-09	1.32E-09	6.24E-07	5.65E-05	0.00E+00	5.76E-08	0.00E+00	1.32E-09	2.14E-06	0.00E+00	0.00E+00	5.65E-05
1472	ALL	463509.1	3772980	NonCancer	0.00E+00	1.79E-08	0.00E+00	1.27E-09	1.27E-09	5.98E-07	5.41E-05	0.00E+00	5.52E-08	0.00E+00	1.27E-09	2.05E-06	0.00E+00	0.00E+00	5.41E-05
1473	ALL	463516.1	3772996	NonCancer	0.00E+00	1.73E-08	0.00E+00	1.22E-09	1.22E-09	5.75E-07	5.21E-05	0.00E+00	5.31E-08	0.00E+00	1.22E-09	1.97E-06	0.00E+00	0.00E+00	5.21E-05
1474	ALL	463523.1	3773013	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.56E-07	5.04E-05	0.00E+00	5.14E-08	0.00E+00	1.18E-09	1.90E-06	0.00E+00	0.00E+00	5.04E-05
1475	ALL	463526.6	3773022	NonCancer	0.00E+00	1.64E-08	0.00E+00	1.16E-09	1.16E-09	5.48E-07	4.96E-05	0.00E+00	5.06E-08	0.00E+00	1.16E-09	1.88E-06	0.00E+00	0.00E+00	4.96E-05
1476	ALL	463533.6	3773038	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.33E-07	4.82E-05	0.00E+00	4.92E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	4.82E-05
1477	ALL	463540.5	3773055	NonCancer	0.00E+00	1.56E-08	0.00E+00	1.10E-09	1.10E-09	5.21E-07	4.70E-05	0.00E+00	4.81E-08	0.00E+00	1.10E-09	1.78E-06	0.00E+00	0.00E+00	4.70E-05
1478	ALL	463547.5	3773072	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.10E-07	4.60E-05	0.00E+00	4.71E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	4.60E-05
1479	ALL	463551	3773080	NonCancer	0.00E+00	1.51E-08	0.00E+00	1.07E-09	1.07E-09	5.05E-07	4.55E-05	0.00E+00	4.66E-08	0.00E+00	1.07E-09	1.73E-06	0.00E+00	0.00E+00	4.55E-05
1480	ALL	463558	3773097	NonCancer	0.00E+00	1.49E-08	0.00E+00	1.05E-09	1.05E-09	4.96E-07	4.46E-05	0.00E+00	4.58E-08	0.00E+00	1.05E-09	1.70E-06	0.00E+00	0.00E+00	4.46E-05
1481	ALL	463565	3773114	NonCancer	0.00E+00	1.46E-08	0.00E+00	1.03E-09	1.03E-09	4.88E-07	4.38E-05	0.00E+00	4.50E-08	0.00E+00	1.03E-09	1.67E-06	0.00E+00	0.00E+00	4.38E-05
1482	ALL	463572	3773131	NonCancer	0.00E+00	1.44E-08	0.00E+00	1.02E-09	1.02E-09	4.80E-07	4.30E-05	0.00E+00	4.43E-08	0.00E+00	1.02E-09	1.64E-06	0.00E+00	0.00E+00	4.30E-05
1483	ALL	463032.7	3772559	NonCancer	0.00E+00	5.05E-09	0.00E+00	3.57E-10	3.57E-10	1.68E-07	1.71E-05	0.00E+00	1.55E-08	0.00E+00	3.57E-10	5.76E-07	0.00E+00	0.00E+00	1.71E-05
1484	ALL	463049.4	3772566	NonCancer	0.00E+00	5.22E-09	0.00E+00	3.69E-10	3.69E-10	1.74E-07	1.77E-05	0.00E+00	1.61E-08	0.00E+00	3.69E-10	5.96E-07	0.00E+00	0.00E+00	1.77E-05
1485	ALL	463057.7	3772569	NonCancer	0.00E+00	5.31E-09	0.00E+00	3.75E-10	3.75E-10	1.77E-07	1.80E-05	0.00E+00	1.64E-08	0.00E+00	3.75E-10	6.06E-07	0.00E+00	0.00E+00	1.80E-05
1486	ALL	463066	3772573	NonCancer	0.00E+00	5.41E-09	0.00E+00	3.82E-10	3.82E-10	1.80E-07	1.82E-05	0.00E+00	1.66E-08	0.00E+00	3.82E-10	6.17E-07	0.00E+00	0.00E+00	1.82E-05
1487	ALL	463082.7	3772580	NonCancer	0.00E+00	5.61E-09	0.00E+00	3.96E-10	3.96E-10	1.87E-07	1.89E-05	0.00E+00	1.73E-08	0.00E+00	3.96E-10	6.40E-07	0.00E+00	0.00E+00	1.89E-05
1488	ALL	463091	3772583	NonCancer	0.00E+00	5.71E-09	0.00E+00	4.03E-10	4.03E-10	1.90E-07	1.92E-05	0.00E+00	1.76E-08	0.00E+00	4.03E-10	6.52E-07	0.00E+00	0.00E+00	1.92E-05
1489	ALL	463107.7	3772590	NonCancer	0.00E+00	5.93E-09	0.00E+00	4.19E-10	4.19E-10	1.98E-07	1.99E-05	0.00E+00	1.83E-08	0.00E+00	4.19E-10	6.77E-07	0.00E+00	0.00E+00	1.99E-05
1490	ALL	463116	3772593	NonCancer	0.00E+00	6.05E-09	0.00E+00	4.27E-10	4.27E-10	2.02E-07	2.02E-05	0.00E+00	1.86E-08	0.00E+00	4.27E-10	6.90E-07	0.00E+00	0.00E+00	2.02E-05
1491	ALL	463124.3	3772597	NonCancer	0.00E+00	6.17E-09	0.00E+00	4.36E-10	4.36E-10	2.06E-07	2.06E-05	0.00E+00	1.90E-08	0.00E+00	4.36E-10	7.04E-07	0.00E+00	0.00E+00	2.06E-05
1492	ALL	463141	3772604	NonCancer	0.00E+00	6.42E-09	0.00E+00	4.54E-10	4.54E-10	2.14E-07	2.14E-05	0.00E+00	1.98E-08	0.00E+00	4.54E-10	7.33E-07	0.00E+00	0.00E+00	2.14E-05
1493	ALL	463149.3	3772607	NonCancer	0.00E+00	6.56E-09	0.00E+00	4.64E-10	4.64E-10	2.19E-07	2.18E-05	0.00E+00	2.02E-08	0.00E+00	4.64E-10	7.49E-07	0.00E+00	0.00E+00	2.18E-05
1494	ALL	463165.9	3772614	NonCancer	0.00E+00	6.86E-09	0.00E+00	4.84E-10	4.84E-10	2.29E-07	2.27E-05	0.00E+00	2.11E-08	0.00E+00	4.84E-10	7.83E-07	0.00E+00	0.00E+00	2.27E-05
1495	ALL	463174.3	3772617	NonCancer	0.00E+00	7.01E-09	0.00E+00	4.96E-10	4.96E-10	2.34E-07	2.32E-05	0.00E+00	2.16E-08	0.00E+00	4.96E-10	8.01E-07	0.00E+00	0.00E+00	2.32E-05
1496	ALL	463182.6	3772621	NonCancer	0.00E+00	7.18E-09	0.00E+00	5.07E-10	5.07E-10	2.39E-07	2.37E-05	0.00E+00	2.21E-08	0.00E+00	5.07E-10	8.20E-07	0.00E+00	0.00E+00	2.37E-05
1497	ALL	463199.2	3772628	NonCancer	0.00E+00	7.54E-09	0.00E+00	5.33E-10	5.33E-10	2.52E-07	2.48E-05	0.00E+00	2.32E-08	0.00E+00	5.33E-10	8.61E-07	0.00E+00	0.00E+00	2.48E-05
1498	ALL	463207.6	3772631	NonCancer	0.00E+00	7.74E-09	0.00E+00	5.47E-10	5.47E-10	2.58E-07	2.54E-05	0.00E+00	2.38E-08	0.00E+00	5.47E-10	8.84E-07	0.00E+00	0.00E+00	2.54E-05
1499	ALL	463224.2	3772638	NonCancer	0.00E+00	8.18E-09	0.00E+00	5.78E-10	5.78E-10	2.73E-07	2.68E-05	0.00E+00	2.52E-08	0.00E+00	5.78E-10	9.34E-07	0.00E+00	0.00E+00	2.68E-05
1500	ALL	463232.6	3772641	NonCancer	0.00E+00	8.42E-09	0.00E+00	5.95E-10	5.95E-10	2.81E-07	2.75E-05	0.00E+00	2.59E-08	0.00E+00	5.95E-10	9.61E-07	0.00E+00	0.00E+00	2.75E-05
1501	ALL	463240.9	3772645	NonCancer	0.00E+00	8.68E-09	0.00E+00	6.14E-10	6.14E-10	2.90E-07	2.83E-05	0.00E+00	2.67E-08	0.00E+00	6.14E-10	9.91E-07	0.00E+00	0.00E+00	2.83E-05
1502	ALL	463257.5	3772652	NonCancer	0.00E+00	9.27E-09	0.00E+00	6.55E-10	6.55E-10	3.09E-07	3.01E-05	0.00E+00	2.85E-08	0.00E+00	6.55E-10	1.06E-06	0.00E+00	0.00E+00	3.01E-05
1503	ALL	463265.9	3772655	NonCancer	0.00E+00	9.61E-09	0.00E+00	6.79E-10	6.79E-10	3.20E-07	3.12E-05	0.00E+00	2.96E-08	0.00E+00	6.79E-10	1.10E-06	0.00E+00	0.00E+00	3.12E-05
1504	ALL	463282.5	3772662	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.33E-10	7.33E-10	3.46E-07	3.36E-05	0.00E+00	3.20E-08	0.00E+00	7.33E-10	1.18E-06	0.00E+00	0.00E+00	3.36E-05
1505	ALL	463290.8	3772665	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.65E-10	7.65E-10	3.61E-07	3.50E-05	0.00E+00	3.33E-08	0.00E+00	7.65E-10	1.24E-06	0.00E+00	0.00E+00	3.50E-05
1506	ALL	463299.2	3772669	NonCancer	0.00E+00	1.13E-08	0.00E+00	8.01E-10	8.01E-10	3.78E-07	3.65E-05	0.00E+00	3.49E-08	0.00E+00	8.01E-10	1.29E-06	0.00E+00	0.00E+00	3.65E-05
1507	ALL	463315.8	3772676	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.89E-10	8.89E-10	4.19E-07	4.04E-05	0.00E+00	3.87E-08	0.00E+00	8.89E-10	1.44E-06	0.00E+00	0.00E+00	4.04E-05
1508	ALL	463324.1	3772679	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.43E-10	9.43E-10	4.45E-07	4.28E-05	0.00E+00	4.11E-08	0.00E+00	9.43E-10	1.52E-06	0.00E+00	0.00E+00	4.28E-05
1509	ALL	463340.8	3772686	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.11E-07	4.91E-05	0.00E+00	4.71E-08	0.00E+00	1.08E-09	1.75E-06	0.00E+00	0.00E+00	4.91E-05
1510	ALL	463349.1	3772689	NonCancer	0.00E+00	1.66E-08	0.00E+00	1.17E-09	1.17E-09	5.54E-07	5.33E-05	0.00E+00	5.12E-08	0.00E+00	1.17E-09	1.90E-06	0.00E+00	0.00E+00	5.33E-05

1511	ALL	463357.5	3772693	NonCancer	0.00E+00	1.83E-08	0.00E+00	1.29E-09	1.29E-09	6.09E-07	5.87E-05	0.00E+00	5.62E-08	0.00E+00	1.29E-09	2.08E-06	0.00E+00	0.00E+00	5.87E-05
1512	ALL	463374.1	3772700	NonCancer	0.00E+00	2.32E-08	0.00E+00	1.64E-09	1.64E-09	7.74E-07	7.51E-05	0.00E+00	7.14E-08	0.00E+00	1.64E-09	2.65E-06	0.00E+00	0.00E+00	7.51E-05
1513	ALL	463382.4	3772703	NonCancer	0.00E+00	2.72E-08	0.00E+00	1.92E-09	1.92E-09	9.08E-07	8.89E-05	0.00E+00	8.38E-08	0.00E+00	1.92E-09	3.11E-06	0.00E+00	0.00E+00	8.89E-05
1514	ALL	463399.1	3772710	NonCancer	0.00E+00	4.47E-08	0.00E+00	3.16E-09	3.16E-09	1.49E-06	1.52E-04	0.00E+00	1.38E-07	0.00E+00	3.16E-09	5.10E-06	0.00E+00	0.00E+00	1.52E-04
1515	ALL	463439.3	3772740	NonCancer	0.00E+00	5.67E-08	0.00E+00	4.01E-09	4.01E-09	1.89E-06	1.56E-04	0.00E+00	1.75E-07	0.00E+00	4.01E-09	6.47E-06	0.00E+00	0.00E+00	1.56E-04
1516	ALL	463446.2	3772757	NonCancer	0.00E+00	4.25E-08	0.00E+00	3.00E-09	3.00E-09	1.42E-06	1.21E-04	0.00E+00	1.31E-07	0.00E+00	3.00E-09	4.85E-06	0.00E+00	0.00E+00	1.21E-04
1517	ALL	463453.2	3772773	NonCancer	0.00E+00	3.45E-08	0.00E+00	2.44E-09	2.44E-09	1.15E-06	9.99E-05	0.00E+00	1.06E-07	0.00E+00	2.44E-09	3.94E-06	0.00E+00	0.00E+00	9.99E-05
1518	ALL	463460.1	3772790	NonCancer	0.00E+00	2.95E-08	0.00E+00	2.08E-09	2.08E-09	9.83E-07	8.65E-05	0.00E+00	9.08E-08	0.00E+00	2.08E-09	3.37E-06	0.00E+00	0.00E+00	8.65E-05
1519	ALL	463467	3772807	NonCancer	0.00E+00	2.61E-08	0.00E+00	1.84E-09	1.84E-09	8.69E-07	7.72E-05	0.00E+00	8.02E-08	0.00E+00	1.84E-09	2.97E-06	0.00E+00	0.00E+00	7.72E-05
1520	ALL	463473.9	3772823	NonCancer	0.00E+00	2.35E-08	0.00E+00	1.66E-09	1.66E-09	7.85E-07	7.02E-05	0.00E+00	7.25E-08	0.00E+00	1.66E-09	2.69E-06	0.00E+00	0.00E+00	7.02E-05
1521	ALL	463480.9	3772840	NonCancer	0.00E+00	2.16E-08	0.00E+00	1.53E-09	1.53E-09	7.21E-07	6.48E-05	0.00E+00	6.65E-08	0.00E+00	1.53E-09	2.47E-06	0.00E+00	0.00E+00	6.48E-05
1522	ALL	463487.8	3772857	NonCancer	0.00E+00	2.01E-08	0.00E+00	1.42E-09	1.42E-09	6.70E-07	6.05E-05	0.00E+00	6.19E-08	0.00E+00	1.42E-09	2.29E-06	0.00E+00	0.00E+00	6.05E-05
1523	ALL	463494.7	3772873	NonCancer	0.00E+00	1.89E-08	0.00E+00	1.33E-09	1.33E-09	6.30E-07	5.71E-05	0.00E+00	5.82E-08	0.00E+00	1.33E-09	2.16E-06	0.00E+00	0.00E+00	5.71E-05
1524	ALL	463522.4	3772940	NonCancer	0.00E+00	1.57E-08	0.00E+00	1.11E-09	1.11E-09	5.25E-07	4.78E-05	0.00E+00	4.85E-08	0.00E+00	1.11E-09	1.80E-06	0.00E+00	0.00E+00	4.78E-05
1525	ALL	463529.3	3772956	NonCancer	0.00E+00	1.52E-08	0.00E+00	1.08E-09	1.08E-09	5.08E-07	4.63E-05	0.00E+00	4.69E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	4.63E-05
1526	ALL	463536.3	3772973	NonCancer	0.00E+00	1.48E-08	0.00E+00	1.05E-09	1.05E-09	4.93E-07	4.49E-05	0.00E+00	4.55E-08	0.00E+00	1.05E-09	1.69E-06	0.00E+00	0.00E+00	4.49E-05
1527	ALL	463543.2	3772990	NonCancer	0.00E+00	1.44E-08	0.00E+00	1.02E-09	1.02E-09	4.81E-07	4.37E-05	0.00E+00	4.44E-08	0.00E+00	1.02E-09	1.64E-06	0.00E+00	0.00E+00	4.37E-05
1528	ALL	463550.1	3773006	NonCancer	0.00E+00	1.41E-08	0.00E+00	9.95E-10	9.95E-10	4.69E-07	4.27E-05	0.00E+00	4.33E-08	0.00E+00	9.95E-10	1.61E-06	0.00E+00	0.00E+00	4.27E-05
1529	ALL	463557.1	3773023	NonCancer	0.00E+00	1.38E-08	0.00E+00	9.74E-10	9.74E-10	4.60E-07	4.18E-05	0.00E+00	4.24E-08	0.00E+00	9.74E-10	1.57E-06	0.00E+00	0.00E+00	4.18E-05
1530	ALL	463564	3773039	NonCancer	0.00E+00	1.35E-08	0.00E+00	9.56E-10	9.56E-10	4.51E-07	4.09E-05	0.00E+00	4.17E-08	0.00E+00	9.56E-10	1.54E-06	0.00E+00	0.00E+00	4.09E-05
1531	ALL	463570.9	3773056	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.40E-10	9.40E-10	4.44E-07	4.02E-05	0.00E+00	4.10E-08	0.00E+00	9.40E-10	1.52E-06	0.00E+00	0.00E+00	4.02E-05
1532	ALL	463577.8	3773073	NonCancer	0.00E+00	1.31E-08	0.00E+00	9.26E-10	9.26E-10	4.37E-07	3.95E-05	0.00E+00	4.03E-08	0.00E+00	9.26E-10	1.50E-06	0.00E+00	0.00E+00	3.95E-05
1533	ALL	463584.8	3773089	NonCancer	0.00E+00	1.29E-08	0.00E+00	9.12E-10	9.12E-10	4.31E-07	3.89E-05	0.00E+00	3.98E-08	0.00E+00	9.12E-10	1.47E-06	0.00E+00	0.00E+00	3.89E-05
1534	ALL	463591.7	3773106	NonCancer	0.00E+00	1.27E-08	0.00E+00	9.00E-10	9.00E-10	4.25E-07	3.83E-05	0.00E+00	3.92E-08	0.00E+00	9.00E-10	1.45E-06	0.00E+00	0.00E+00	3.83E-05
1535	ALL	463598.6	3773123	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.89E-10	8.89E-10	4.20E-07	3.78E-05	0.00E+00	3.87E-08	0.00E+00	8.89E-10	1.44E-06	0.00E+00	0.00E+00	3.78E-05
1536	ALL	463032.8	3772519	NonCancer	0.00E+00	4.76E-09	0.00E+00	3.37E-10	3.37E-10	1.59E-07	1.60E-05	0.00E+00	1.47E-08	0.00E+00	3.37E-10	5.44E-07	0.00E+00	0.00E+00	1.60E-05
1537	ALL	463041.2	3772522	NonCancer	0.00E+00	4.84E-09	0.00E+00	3.42E-10	3.42E-10	1.62E-07	1.63E-05	0.00E+00	1.49E-08	0.00E+00	3.42E-10	5.53E-07	0.00E+00	0.00E+00	1.63E-05
1538	ALL	463049.6	3772526	NonCancer	0.00E+00	4.93E-09	0.00E+00	3.48E-10	3.48E-10	1.64E-07	1.66E-05	0.00E+00	1.52E-08	0.00E+00	3.48E-10	5.63E-07	0.00E+00	0.00E+00	1.66E-05
1539	ALL	463058	3772529	NonCancer	0.00E+00	5.02E-09	0.00E+00	3.55E-10	3.55E-10	1.67E-07	1.68E-05	0.00E+00	1.54E-08	0.00E+00	3.55E-10	5.73E-07	0.00E+00	0.00E+00	1.68E-05
1540	ALL	463066.4	3772533	NonCancer	0.00E+00	5.11E-09	0.00E+00	3.61E-10	3.61E-10	1.70E-07	1.71E-05	0.00E+00	1.57E-08	0.00E+00	3.61E-10	5.83E-07	0.00E+00	0.00E+00	1.71E-05
1541	ALL	463074.8	3772536	NonCancer	0.00E+00	5.20E-09	0.00E+00	3.68E-10	3.68E-10	1.74E-07	1.74E-05	0.00E+00	1.60E-08	0.00E+00	3.68E-10	5.94E-07	0.00E+00	0.00E+00	1.74E-05
1542	ALL	463083.2	3772540	NonCancer	0.00E+00	5.30E-09	0.00E+00	3.75E-10	3.75E-10	1.77E-07	1.77E-05	0.00E+00	1.63E-08	0.00E+00	3.75E-10	6.05E-07	0.00E+00	0.00E+00	1.77E-05
1543	ALL	463091.5	3772543	NonCancer	0.00E+00	5.40E-09	0.00E+00	3.82E-10	3.82E-10	1.80E-07	1.80E-05	0.00E+00	1.66E-08	0.00E+00	3.82E-10	6.17E-07	0.00E+00	0.00E+00	1.80E-05
1544	ALL	463099.9	3772547	NonCancer	0.00E+00	5.51E-09	0.00E+00	3.89E-10	3.89E-10	1.84E-07	1.84E-05	0.00E+00	1.70E-08	0.00E+00	3.89E-10	6.29E-07	0.00E+00	0.00E+00	1.84E-05
1545	ALL	463116.7	3772554	NonCancer	0.00E+00	5.73E-09	0.00E+00	4.05E-10	4.05E-10	1.91E-07	1.91E-05	0.00E+00	1.76E-08	0.00E+00	4.05E-10	6.54E-07	0.00E+00	0.00E+00	1.91E-05
1546	ALL	463125.1	3772557	NonCancer	0.00E+00	5.85E-09	0.00E+00	4.13E-10	4.13E-10	1.95E-07	1.94E-05	0.00E+00	1.80E-08	0.00E+00	4.13E-10	6.68E-07	0.00E+00	0.00E+00	1.94E-05
1547	ALL	463133.5	3772560	NonCancer	0.00E+00	5.97E-09	0.00E+00	4.22E-10	4.22E-10	1.99E-07	1.98E-05	0.00E+00	1.84E-08	0.00E+00	4.22E-10	6.82E-07	0.00E+00	0.00E+00	1.98E-05
1548	ALL	463141.9	3772564	NonCancer	0.00E+00	6.10E-09	0.00E+00	4.31E-10	4.31E-10	2.04E-07	2.02E-05	0.00E+00	1.88E-08	0.00E+00	4.31E-10	6.97E-07	0.00E+00	0.00E+00	2.02E-05
1549	ALL	463158.6	3772571	NonCancer	0.00E+00	6.38E-09	0.00E+00	4.51E-10	4.51E-10	2.13E-07	2.11E-05	0.00E+00	1.97E-08	0.00E+00	4.51E-10	7.29E-07	0.00E+00	0.00E+00	2.11E-05
1550	ALL	463167	3772574	NonCancer	0.00E+00	6.53E-09	0.00E+00	4.62E-10	4.62E-10	2.18E-07	2.15E-05	0.00E+00	2.01E-08	0.00E+00	4.62E-10	7.46E-07	0.00E+00	0.00E+00	2.15E-05
1551	ALL	463175.4	3772578	NonCancer	0.00E+00	6.69E-09	0.00E+00	4.73E-10	4.73E-10	2.23E-07	2.20E-05	0.00E+00	2.06E-08	0.00E+00	4.73E-10	7.64E-07	0.00E+00	0.00E+00	2.20E-05
1552	ALL	463183.8	3772581	NonCancer	0.00E+00	6.86E-09	0.00E+00	4.85E-10	4.85E-10	2.29E-07	2.25E-05	0.00E+00	2.11E-08	0.00E+00	4.85E-10	7.83E-07	0.00E+00	0.00E+00	2.25E-05
1553	ALL	463192.2	3772585	NonCancer	0.00E+00	7.04E-09	0.00E+00	4.97E-10	4.97E-10	2.35E-07	2.31E-05	0.00E+00	2.17E-08	0.00E+00	4.97E-10	8.03E-07	0.00E+00	0.00E+00	2.31E-05
1554	ALL	463200.6	3772588	NonCancer	0.00E+00	7.23E-09	0.00E+00	5.11E-10	5.11E-10	2.41E-07	2.37E-05	0.00E+00	2.22E-08	0.00E+00	5.11E-10	8.25E-07	0.00E+00	0.00E+00	2.37E-05
1555	ALL	463209	3772592	NonCancer	0.00E+00	7.43E-09	0.00E+00	5.25E-10	5.25E-10	2.48E-07	2.43E-05	0.00E+00	2.29E-08	0.00E+00	5.25E-10	8.48E-07	0.00E+00	0.00E+00	2.43E-05
1556	ALL	463217.4	3772595	NonCancer	0.00E+00	7.64E-09	0.00E+00	5.40E-10	5.40E-10	2.55E-07	2.49E-05	0.00E+00	2.35E-08	0.00E+00	5.40E-10	8.72E-07	0.00E+00	0.00E+00	2.49E-05
1557	ALL	463225.7	3772598	NonCancer	0.00E+00	7.87E-09	0.00E+00	5.56E-10	5.56E-10	2.62E-07	2.56E-05	0.00E+00	2.42E-08	0.00E+00	5.56E-10	8.98E-07	0.00E+00	0.00E+00	2.56E-05
1558	ALL	463234.1	3772602	NonCancer	0.00E+00	8.12E-09	0.00E+00	5.73E-10	5.73E-10	2.71E-07	2.64E-05	0.00E+00	2.50E-08	0.00E+00	5.73E-10	9.26E-07	0.00E+00	0.00E+00	2.64E-05
1559	ALL	463242.5	3772605	NonCancer	0.00E+00	8.38E-09	0.00E+00	5.92E-10	5.92E-10	2.80E-07	2.72E-05	0.00E+00	2.58E-08	0.00E+00	5.92E-10	9.57E-07	0.00E+00	0.00E+00	2.72E-05
1560	ALL	463250.9	3772609	NonCancer	0.00E+00	8.67E-09	0.00E+00	6.13E-10	6.13E-10	2.89E-07	2.81E-05	0.00E+00	2.67E-08	0.00E+00	6.13E-10	9.90E-07	0.00E+00	0.00E+00	2.81E-05
1561	ALL	463259.3	3772612	NonCancer	0.00E+00	8.98E-09	0.00E+00	6.35E-10	6.35E-10	3.00E-07	2.91E-05	0.00E+00	2.77E-08	0.00E+00	6.35E-10	1.03E-06	0.00E+00	0.00E+00	2.91E-05
1562	ALL	463267.7	3772616	NonCancer	0.00E+00	9.33E-09	0.00E+00	6.59E-10	6.59E-10	3.11E-07	3.02E-05	0.00E+00	2.87E-08	0.00E+00	6.59E-10	1.06E-06	0.00E+00	0.00E+00	3.02E-05
1563	ALL	463276.1	3772619	NonCancer	0.00E+00	9.71E-09	0.00E+00	6.86E-10	6.86E-10	3.24E-07	3.13E-05	0.00E+00	2.99E-08	0.00E+00	6.86E-10	1.11E-06	0.00E+00	0.00E+00	3.13E-05
1564	ALL	463284.5	3772623	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.16E-10	7.16E-10	3.38E-07	3.26E-05	0.00E+00	3.12E-08	0.00E+00	7.16E-10	1.16E-06	0.00E+00	0.00E+00	3.26E-05

1565	ALL	463301.2	3772630	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.86E-10	7.86E-10	3.71E-07	3.58E-05	0.00E+00	3.43E-08	0.00E+00	7.86E-10	1.27E-06	0.00E+00	0.00E+00	3.58E-05
1566	ALL	463309.6	3772633	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.29E-10	8.29E-10	3.91E-07	3.76E-05	0.00E+00	3.61E-08	0.00E+00	8.29E-10	1.34E-06	0.00E+00	0.00E+00	3.76E-05
1567	ALL	463318	3772636	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.78E-10	8.78E-10	4.14E-07	3.98E-05	0.00E+00	3.82E-08	0.00E+00	8.78E-10	1.42E-06	0.00E+00	0.00E+00	3.98E-05
1568	ALL	463326.4	3772640	NonCancer	0.00E+00	1.32E-08	0.00E+00	9.35E-10	9.35E-10	4.41E-07	4.24E-05	0.00E+00	4.07E-08	0.00E+00	9.35E-10	1.51E-06	0.00E+00	0.00E+00	4.24E-05
1569	ALL	463343.2	3772647	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.11E-07	4.91E-05	0.00E+00	4.72E-08	0.00E+00	1.08E-09	1.75E-06	0.00E+00	0.00E+00	4.91E-05
1570	ALL	463351.6	3772650	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.58E-07	5.36E-05	0.00E+00	5.15E-08	0.00E+00	1.18E-09	1.91E-06	0.00E+00	0.00E+00	5.36E-05
1571	ALL	463360	3772654	NonCancer	0.00E+00	1.85E-08	0.00E+00	1.31E-09	1.31E-09	6.17E-07	5.94E-05	0.00E+00	5.69E-08	0.00E+00	1.31E-09	2.11E-06	0.00E+00	0.00E+00	5.94E-05
1572	ALL	463368.3	3772657	NonCancer	0.00E+00	2.08E-08	0.00E+00	1.47E-09	1.47E-09	6.94E-07	6.71E-05	0.00E+00	6.41E-08	0.00E+00	1.47E-09	2.37E-06	0.00E+00	0.00E+00	6.71E-05
1573	ALL	463376.7	3772661	NonCancer	0.00E+00	2.40E-08	0.00E+00	1.69E-09	1.69E-09	8.00E-07	7.78E-05	0.00E+00	7.38E-08	0.00E+00	1.69E-09	2.74E-06	0.00E+00	0.00E+00	7.78E-05
1574	ALL	463385.1	3772664	NonCancer	0.00E+00	2.86E-08	0.00E+00	2.02E-09	2.02E-09	9.54E-07	9.37E-05	0.00E+00	8.80E-08	0.00E+00	2.02E-09	3.26E-06	0.00E+00	0.00E+00	9.37E-05
1575	ALL	463393.5	3772668	NonCancer	0.00E+00	3.61E-08	0.00E+00	2.55E-09	2.55E-09	1.20E-06	1.20E-04	0.00E+00	1.11E-07	0.00E+00	2.55E-09	4.12E-06	0.00E+00	0.00E+00	1.20E-04
1576	ALL	463401.9	3772671	NonCancer	0.00E+00	5.08E-08	0.00E+00	3.59E-09	3.59E-09	1.69E-06	1.76E-04	0.00E+00	1.56E-07	0.00E+00	3.59E-09	5.79E-06	0.00E+00	0.00E+00	1.76E-04
1577	ALL	463443.8	3772688	NonCancer	0.00E+00	4.58E-08	0.00E+00	3.24E-09	3.24E-09	1.53E-06	1.29E-04	0.00E+00	1.41E-07	0.00E+00	3.24E-09	5.23E-06	0.00E+00	0.00E+00	1.29E-04
1578	ALL	463452.2	3772692	NonCancer	0.00E+00	3.47E-08	0.00E+00	2.45E-09	2.45E-09	1.16E-06	1.00E-04	0.00E+00	1.07E-07	0.00E+00	2.45E-09	3.96E-06	0.00E+00	0.00E+00	1.00E-04
1579	ALL	463464.1	3772704	NonCancer	0.00E+00	2.65E-08	0.00E+00	1.88E-09	1.88E-09	8.85E-07	7.81E-05	0.00E+00	8.17E-08	0.00E+00	1.88E-09	3.03E-06	0.00E+00	0.00E+00	7.81E-05
1580	ALL	463467.6	3772712	NonCancer	0.00E+00	2.50E-08	0.00E+00	1.77E-09	1.77E-09	8.33E-07	7.39E-05	0.00E+00	7.69E-08	0.00E+00	1.77E-09	2.85E-06	0.00E+00	0.00E+00	7.39E-05
1581	ALL	463474.6	3772729	NonCancer	0.00E+00	2.25E-08	0.00E+00	1.59E-09	1.59E-09	7.50E-07	6.70E-05	0.00E+00	6.92E-08	0.00E+00	1.59E-09	2.57E-06	0.00E+00	0.00E+00	6.70E-05
1582	ALL	463481.5	3772745	NonCancer	0.00E+00	2.06E-08	0.00E+00	1.45E-09	1.45E-09	6.87E-07	6.17E-05	0.00E+00	6.34E-08	0.00E+00	1.45E-09	2.35E-06	0.00E+00	0.00E+00	6.17E-05
1583	ALL	463488.5	3772762	NonCancer	0.00E+00	1.91E-08	0.00E+00	1.35E-09	1.35E-09	6.36E-07	5.74E-05	0.00E+00	5.88E-08	0.00E+00	1.35E-09	2.18E-06	0.00E+00	0.00E+00	5.74E-05
1584	ALL	463495.5	3772779	NonCancer	0.00E+00	1.79E-08	0.00E+00	1.26E-09	1.26E-09	5.95E-07	5.40E-05	0.00E+00	5.50E-08	0.00E+00	1.26E-09	2.04E-06	0.00E+00	0.00E+00	5.40E-05
1585	ALL	463502.5	3772796	NonCancer	0.00E+00	1.68E-08	0.00E+00	1.19E-09	1.19E-09	5.62E-07	5.11E-05	0.00E+00	5.19E-08	0.00E+00	1.19E-09	1.92E-06	0.00E+00	0.00E+00	5.11E-05
1586	ALL	463509.5	3772812	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.34E-07	4.86E-05	0.00E+00	4.93E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	4.86E-05
1587	ALL	463516.4	3772829	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.10E-07	4.65E-05	0.00E+00	4.71E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	4.65E-05
1588	ALL	463523.4	3772846	NonCancer	0.00E+00	1.47E-08	0.00E+00	1.04E-09	1.04E-09	4.89E-07	4.47E-05	0.00E+00	4.52E-08	0.00E+00	1.04E-09	1.67E-06	0.00E+00	0.00E+00	4.47E-05
1589	ALL	463530.4	3772863	NonCancer	0.00E+00	1.41E-08	0.00E+00	9.99E-10	9.99E-10	4.72E-07	4.32E-05	0.00E+00	4.35E-08	0.00E+00	9.99E-10	1.61E-06	0.00E+00	0.00E+00	4.32E-05
1590	ALL	463558.3	3772930	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.92E-10	8.92E-10	4.21E-07	3.86E-05	0.00E+00	3.89E-08	0.00E+00	8.92E-10	1.44E-06	0.00E+00	0.00E+00	3.86E-05
1591	ALL	463565.3	3772946	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.73E-10	8.73E-10	4.12E-07	3.77E-05	0.00E+00	3.80E-08	0.00E+00	8.73E-10	1.41E-06	0.00E+00	0.00E+00	3.77E-05
1592	ALL	463572.2	3772963	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.56E-10	8.56E-10	4.04E-07	3.69E-05	0.00E+00	3.73E-08	0.00E+00	8.56E-10	1.38E-06	0.00E+00	0.00E+00	3.69E-05
1593	ALL	463579.2	3772980	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.40E-10	8.40E-10	3.97E-07	3.62E-05	0.00E+00	3.66E-08	0.00E+00	8.40E-10	1.36E-06	0.00E+00	0.00E+00	3.62E-05
1594	ALL	463586.2	3772997	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.27E-10	8.27E-10	3.90E-07	3.56E-05	0.00E+00	3.60E-08	0.00E+00	8.27E-10	1.34E-06	0.00E+00	0.00E+00	3.56E-05
1595	ALL	463593.2	3773013	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.14E-10	8.14E-10	3.84E-07	3.50E-05	0.00E+00	3.55E-08	0.00E+00	8.14E-10	1.32E-06	0.00E+00	0.00E+00	3.50E-05
1596	ALL	463600.2	3773030	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.03E-10	8.03E-10	3.79E-07	3.45E-05	0.00E+00	3.50E-08	0.00E+00	8.03E-10	1.30E-06	0.00E+00	0.00E+00	3.45E-05
1597	ALL	463607.1	3773047	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.93E-10	7.93E-10	3.74E-07	3.40E-05	0.00E+00	3.45E-08	0.00E+00	7.93E-10	1.28E-06	0.00E+00	0.00E+00	3.40E-05
1598	ALL	463610.6	3773055	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.88E-10	7.88E-10	3.72E-07	3.38E-05	0.00E+00	3.43E-08	0.00E+00	7.88E-10	1.27E-06	0.00E+00	0.00E+00	3.38E-05
1599	ALL	463617.6	3773072	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.79E-10	7.79E-10	3.68E-07	3.33E-05	0.00E+00	3.39E-08	0.00E+00	7.79E-10	1.26E-06	0.00E+00	0.00E+00	3.33E-05
1600	ALL	463624.6	3773089	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.70E-10	7.70E-10	3.64E-07	3.29E-05	0.00E+00	3.36E-08	0.00E+00	7.70E-10	1.24E-06	0.00E+00	0.00E+00	3.29E-05
1601	ALL	463631.6	3773105	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.62E-10	7.62E-10	3.60E-07	3.25E-05	0.00E+00	3.32E-08	0.00E+00	7.62E-10	1.23E-06	0.00E+00	0.00E+00	3.25E-05
1602	ALL	463638.5	3773122	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.54E-10	7.54E-10	3.56E-07	3.21E-05	0.00E+00	3.29E-08	0.00E+00	7.54E-10	1.22E-06	0.00E+00	0.00E+00	3.21E-05
1603	ALL	463032.5	3772479	NonCancer	0.00E+00	4.50E-09	0.00E+00	3.18E-10	3.18E-10	1.50E-07	1.51E-05	0.00E+00	1.38E-08	0.00E+00	3.18E-10	5.13E-07	0.00E+00	0.00E+00	1.51E-05
1604	ALL	463049.1	3772486	NonCancer	0.00E+00	4.66E-09	0.00E+00	3.29E-10	3.29E-10	1.55E-07	1.56E-05	0.00E+00	1.43E-08	0.00E+00	3.29E-10	5.31E-07	0.00E+00	0.00E+00	1.56E-05
1605	ALL	463065.7	3772493	NonCancer	0.00E+00	4.83E-09	0.00E+00	3.41E-10	3.41E-10	1.61E-07	1.61E-05	0.00E+00	1.49E-08	0.00E+00	3.41E-10	5.51E-07	0.00E+00	0.00E+00	1.61E-05
1606	ALL	463082.3	3772499	NonCancer	0.00E+00	5.01E-09	0.00E+00	3.54E-10	3.54E-10	1.67E-07	1.67E-05	0.00E+00	1.54E-08	0.00E+00	3.54E-10	5.72E-07	0.00E+00	0.00E+00	1.67E-05
1607	ALL	463098.8	3772506	NonCancer	0.00E+00	5.20E-09	0.00E+00	3.68E-10	3.68E-10	1.74E-07	1.73E-05	0.00E+00	1.60E-08	0.00E+00	3.68E-10	5.94E-07	0.00E+00	0.00E+00	1.73E-05
1608	ALL	463107.1	3772510	NonCancer	0.00E+00	5.31E-09	0.00E+00	3.75E-10	3.75E-10	1.77E-07	1.76E-05	0.00E+00	1.63E-08	0.00E+00	3.75E-10	6.06E-07	0.00E+00	0.00E+00	1.76E-05
1609	ALL	463123.7	3772516	NonCancer	0.00E+00	5.53E-09	0.00E+00	3.91E-10	3.91E-10	1.84E-07	1.83E-05	0.00E+00	1.70E-08	0.00E+00	3.91E-10	6.31E-07	0.00E+00	0.00E+00	1.83E-05
1610	ALL	463140.3	3772523	NonCancer	0.00E+00	5.78E-09	0.00E+00	4.08E-10	4.08E-10	1.93E-07	1.90E-05	0.00E+00	1.78E-08	0.00E+00	4.08E-10	6.59E-07	0.00E+00	0.00E+00	1.90E-05
1611	ALL	463156.9	3772530	NonCancer	0.00E+00	6.04E-09	0.00E+00	4.27E-10	4.27E-10	2.02E-07	1.99E-05	0.00E+00	1.86E-08	0.00E+00	4.27E-10	6.90E-07	0.00E+00	0.00E+00	1.99E-05
1612	ALL	463173.5	3772537	NonCancer	0.00E+00	6.34E-09	0.00E+00	4.48E-10	4.48E-10	2.11E-07	2.08E-05	0.00E+00	1.95E-08	0.00E+00	4.48E-10	7.24E-07	0.00E+00	0.00E+00	2.08E-05
1613	ALL	463190.1	3772544	NonCancer	0.00E+00	6.67E-09	0.00E+00	4.72E-10	4.72E-10	2.23E-07	2.18E-05	0.00E+00	2.05E-08	0.00E+00	4.72E-10	7.62E-07	0.00E+00	0.00E+00	2.18E-05
1614	ALL	463206.7	3772551	NonCancer	0.00E+00	7.05E-09	0.00E+00	4.98E-10	4.98E-10	2.35E-07	2.30E-05	0.00E+00	2.17E-08	0.00E+00	4.98E-10	8.04E-07	0.00E+00	0.00E+00	2.30E-05
1615	ALL	463223.3	3772557	NonCancer	0.00E+00	7.48E-09	0.00E+00	5.28E-10	5.28E-10	2.49E-07	2.43E-05	0.00E+00	2.30E-08	0.00E+00	5.28E-10	8.53E-07	0.00E+00	0.00E+00	2.43E-05
1616	ALL	463239.9	3772564	NonCancer	0.00E+00	7.97E-09	0.00E+00	5.63E-10	5.63E-10	2.66E-07	2.58E-05	0.00E+00	2.45E-08	0.00E+00	5.63E-10	9.10E-07	0.00E+00	0.00E+00	2.58E-05
1617	ALL	463256.5	3772571	NonCancer	0.00E+00	8.55E-09	0.00E+00	6.04E-10	6.04E-10	2.85E-07	2.76E-05	0.00E+00	2.63E-08	0.00E+00	6.04E-10	9.76E-07	0.00E+00	0.00E+00	2.76E-05
1618	ALL	463273.1	3772578	NonCancer	0.00E+00	9.24E-09	0.00E+00	6.53E-10	6.53E-10	3.08E-07	2.98E-05	0.00E+00	2.85E-08	0.00E+00	6.53E-10	1.05E-06	0.00E+00	0.00E+00	2.98E-05

1619	ALL	463281.4	3772581	NonCancer	0.00E+00	9.64E-09	0.00E+00	6.81E-10	6.81E-10	3.22E-07	3.10E-05	0.00E+00	2.97E-08	0.00E+00	6.81E-10	1.10E-06	0.00E+00	0.00E+00	3.10E-05
1620	ALL	463298	3772588	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.48E-10	7.48E-10	3.53E-07	3.40E-05	0.00E+00	3.26E-08	0.00E+00	7.48E-10	1.21E-06	0.00E+00	0.00E+00	3.40E-05
1621	ALL	463314.6	3772595	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.34E-10	8.34E-10	3.94E-07	3.78E-05	0.00E+00	3.63E-08	0.00E+00	8.34E-10	1.35E-06	0.00E+00	0.00E+00	3.78E-05
1622	ALL	463331.2	3772602	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.48E-10	9.48E-10	4.48E-07	4.29E-05	0.00E+00	4.13E-08	0.00E+00	9.48E-10	1.53E-06	0.00E+00	0.00E+00	4.29E-05
1623	ALL	463347.8	3772609	NonCancer	0.00E+00	1.57E-08	0.00E+00	1.11E-09	1.11E-09	5.24E-07	5.04E-05	0.00E+00	4.84E-08	0.00E+00	1.11E-09	1.80E-06	0.00E+00	0.00E+00	5.04E-05
1624	ALL	463364.4	3772616	NonCancer	0.00E+00	1.93E-08	0.00E+00	1.37E-09	1.37E-09	6.44E-07	6.22E-05	0.00E+00	5.95E-08	0.00E+00	1.37E-09	2.21E-06	0.00E+00	0.00E+00	6.22E-05
1625	ALL	463381	3772622	NonCancer	0.00E+00	2.58E-08	0.00E+00	1.82E-09	1.82E-09	8.60E-07	8.41E-05	0.00E+00	7.94E-08	0.00E+00	1.82E-09	2.94E-06	0.00E+00	0.00E+00	8.41E-05
1626	ALL	463397.6	3772629	NonCancer	0.00E+00	4.15E-08	0.00E+00	2.93E-09	2.93E-09	1.38E-06	1.41E-04	0.00E+00	1.28E-07	0.00E+00	2.93E-09	4.74E-06	0.00E+00	0.00E+00	1.41E-04
1627	ALL	463439.1	3772646	NonCancer	0.00E+00	5.66E-08	0.00E+00	4.00E-09	4.00E-09	1.89E-06	1.55E-04	0.00E+00	1.74E-07	0.00E+00	4.00E-09	6.46E-06	0.00E+00	0.00E+00	1.55E-04
1628	ALL	463455.6	3772653	NonCancer	0.00E+00	3.15E-08	0.00E+00	2.22E-09	2.22E-09	1.05E-06	9.12E-05	0.00E+00	9.69E-08	0.00E+00	2.22E-09	3.59E-06	0.00E+00	0.00E+00	9.12E-05
1629	ALL	463472.2	3772660	NonCancer	0.00E+00	2.28E-08	0.00E+00	1.61E-09	1.61E-09	7.61E-07	6.77E-05	0.00E+00	7.02E-08	0.00E+00	1.61E-09	2.60E-06	0.00E+00	0.00E+00	6.77E-05
1630	ALL	463492.3	3772675	NonCancer	0.00E+00	1.77E-08	0.00E+00	1.25E-09	1.25E-09	5.90E-07	5.32E-05	0.00E+00	5.45E-08	0.00E+00	1.25E-09	2.02E-06	0.00E+00	0.00E+00	5.32E-05
1631	ALL	463495.7	3772683	NonCancer	0.00E+00	1.71E-08	0.00E+00	1.21E-09	1.21E-09	5.70E-07	5.16E-05	0.00E+00	5.27E-08	0.00E+00	1.21E-09	1.95E-06	0.00E+00	0.00E+00	5.16E-05
1632	ALL	463502.6	3772700	NonCancer	0.00E+00	1.61E-08	0.00E+00	1.14E-09	1.14E-09	5.37E-07	4.87E-05	0.00E+00	4.95E-08	0.00E+00	1.14E-09	1.84E-06	0.00E+00	0.00E+00	4.87E-05
1633	ALL	463509.5	3772717	NonCancer	0.00E+00	1.52E-08	0.00E+00	1.08E-09	1.08E-09	5.08E-07	4.63E-05	0.00E+00	4.69E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	4.63E-05
1634	ALL	463516.4	3772733	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.03E-09	1.03E-09	4.84E-07	4.42E-05	0.00E+00	4.47E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	4.42E-05
1635	ALL	463519.9	3772741	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.74E-07	4.33E-05	0.00E+00	4.37E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	4.33E-05
1636	ALL	463526.8	3772758	NonCancer	0.00E+00	1.36E-08	0.00E+00	9.63E-10	9.63E-10	4.54E-07	4.16E-05	0.00E+00	4.19E-08	0.00E+00	9.63E-10	1.55E-06	0.00E+00	0.00E+00	4.16E-05
1637	ALL	463533.7	3772775	NonCancer	0.00E+00	1.31E-08	0.00E+00	9.27E-10	9.27E-10	4.38E-07	4.01E-05	0.00E+00	4.04E-08	0.00E+00	9.27E-10	1.50E-06	0.00E+00	0.00E+00	4.01E-05
1638	ALL	463540.6	3772791	NonCancer	0.00E+00	1.27E-08	0.00E+00	8.96E-10	8.96E-10	4.23E-07	3.88E-05	0.00E+00	3.91E-08	0.00E+00	8.96E-10	1.45E-06	0.00E+00	0.00E+00	3.88E-05
1639	ALL	463547.5	3772808	NonCancer	0.00E+00	1.23E-08	0.00E+00	8.69E-10	8.69E-10	4.10E-07	3.77E-05	0.00E+00	3.79E-08	0.00E+00	8.69E-10	1.40E-06	0.00E+00	0.00E+00	3.77E-05
1640	ALL	463554.4	3772824	NonCancer	0.00E+00	1.20E-08	0.00E+00	8.45E-10	8.45E-10	3.99E-07	3.67E-05	0.00E+00	3.68E-08	0.00E+00	8.45E-10	1.36E-06	0.00E+00	0.00E+00	3.67E-05
1641	ALL	463561.3	3772841	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.24E-10	8.24E-10	3.89E-07	3.57E-05	0.00E+00	3.59E-08	0.00E+00	8.24E-10	1.33E-06	0.00E+00	0.00E+00	3.57E-05
1642	ALL	463568.2	3772857	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.04E-10	8.04E-10	3.80E-07	3.49E-05	0.00E+00	3.50E-08	0.00E+00	8.04E-10	1.30E-06	0.00E+00	0.00E+00	3.49E-05
1643	ALL	463571.7	3772866	NonCancer	0.00E+00	1.13E-08	0.00E+00	7.96E-10	7.96E-10	3.75E-07	3.45E-05	0.00E+00	3.47E-08	0.00E+00	7.96E-10	1.29E-06	0.00E+00	0.00E+00	3.45E-05
1644	ALL	463599.3	3772932	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.40E-10	7.40E-10	3.49E-07	3.21E-05	0.00E+00	3.22E-08	0.00E+00	7.40E-10	1.20E-06	0.00E+00	0.00E+00	3.21E-05
1645	ALL	463606.2	3772948	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.29E-10	7.29E-10	3.44E-07	3.16E-05	0.00E+00	3.18E-08	0.00E+00	7.29E-10	1.18E-06	0.00E+00	0.00E+00	3.16E-05
1646	ALL	463613.1	3772965	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.19E-10	7.19E-10	3.39E-07	3.11E-05	0.00E+00	3.13E-08	0.00E+00	7.19E-10	1.16E-06	0.00E+00	0.00E+00	3.11E-05
1647	ALL	463620	3772982	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.10E-10	7.10E-10	3.35E-07	3.07E-05	0.00E+00	3.09E-08	0.00E+00	7.10E-10	1.15E-06	0.00E+00	0.00E+00	3.07E-05
1648	ALL	463623.4	3772990	NonCancer	0.00E+00	9.99E-09	0.00E+00	7.06E-10	7.06E-10	3.33E-07	3.05E-05	0.00E+00	3.08E-08	0.00E+00	7.06E-10	1.14E-06	0.00E+00	0.00E+00	3.05E-05
1649	ALL	463630.3	3773006	NonCancer	0.00E+00	9.88E-09	0.00E+00	6.98E-10	6.98E-10	3.29E-07	3.01E-05	0.00E+00	3.04E-08	0.00E+00	6.98E-10	1.13E-06	0.00E+00	0.00E+00	3.01E-05
1650	ALL	463637.2	3773023	NonCancer	0.00E+00	9.77E-09	0.00E+00	6.91E-10	6.91E-10	3.26E-07	2.97E-05	0.00E+00	3.01E-08	0.00E+00	6.91E-10	1.12E-06	0.00E+00	0.00E+00	2.97E-05
1651	ALL	463644.1	3773040	NonCancer	0.00E+00	9.67E-09	0.00E+00	6.84E-10	6.84E-10	3.23E-07	2.94E-05	0.00E+00	2.98E-08	0.00E+00	6.84E-10	1.10E-06	0.00E+00	0.00E+00	2.94E-05
1652	ALL	463647.6	3773048	NonCancer	0.00E+00	9.63E-09	0.00E+00	6.80E-10	6.80E-10	3.21E-07	2.92E-05	0.00E+00	2.96E-08	0.00E+00	6.80E-10	1.10E-06	0.00E+00	0.00E+00	2.92E-05
1653	ALL	463654.5	3773064	NonCancer	0.00E+00	9.53E-09	0.00E+00	6.74E-10	6.74E-10	3.18E-07	2.89E-05	0.00E+00	2.94E-08	0.00E+00	6.74E-10	1.09E-06	0.00E+00	0.00E+00	2.89E-05
1654	ALL	463661.4	3773081	NonCancer	0.00E+00	9.45E-09	0.00E+00	6.67E-10	6.67E-10	3.15E-07	2.86E-05	0.00E+00	2.91E-08	0.00E+00	6.67E-10	1.08E-06	0.00E+00	0.00E+00	2.86E-05
1655	ALL	463668.3	3773098	NonCancer	0.00E+00	9.36E-09	0.00E+00	6.62E-10	6.62E-10	3.12E-07	2.83E-05	0.00E+00	2.88E-08	0.00E+00	6.62E-10	1.07E-06	0.00E+00	0.00E+00	2.83E-05
1656	ALL	463675.2	3773114	NonCancer	0.00E+00	9.28E-09	0.00E+00	6.56E-10	6.56E-10	3.10E-07	2.80E-05	0.00E+00	2.86E-08	0.00E+00	6.56E-10	1.06E-06	0.00E+00	0.00E+00	2.80E-05
1657	ALL	463682.1	3773131	NonCancer	0.00E+00	9.20E-09	0.00E+00	6.50E-10	6.50E-10	3.07E-07	2.78E-05	0.00E+00	2.83E-08	0.00E+00	6.50E-10	1.05E-06	0.00E+00	0.00E+00	2.78E-05
1658	ALL	463032.6	3772439	NonCancer	0.00E+00	4.26E-09	0.00E+00	3.01E-10	3.01E-10	1.42E-07	1.42E-05	0.00E+00	1.31E-08	0.00E+00	3.01E-10	4.86E-07	0.00E+00	0.00E+00	1.42E-05
1659	ALL	463040.9	3772442	NonCancer	0.00E+00	4.33E-09	0.00E+00	3.06E-10	3.06E-10	1.44E-07	1.44E-05	0.00E+00	1.33E-08	0.00E+00	3.06E-10	4.94E-07	0.00E+00	0.00E+00	1.44E-05
1660	ALL	463124.4	3772477	NonCancer	0.00E+00	5.26E-09	0.00E+00	3.72E-10	3.72E-10	1.75E-07	1.73E-05	0.00E+00	1.62E-08	0.00E+00	3.72E-10	6.01E-07	0.00E+00	0.00E+00	1.73E-05
1661	ALL	463132.8	3772480	NonCancer	0.00E+00	5.38E-09	0.00E+00	3.80E-10	3.80E-10	1.79E-07	1.77E-05	0.00E+00	1.66E-08	0.00E+00	3.80E-10	6.14E-07	0.00E+00	0.00E+00	1.77E-05
1662	ALL	463141.2	3772484	NonCancer	0.00E+00	5.50E-09	0.00E+00	3.89E-10	3.89E-10	1.83E-07	1.81E-05	0.00E+00	1.69E-08	0.00E+00	3.89E-10	6.28E-07	0.00E+00	0.00E+00	1.81E-05
1663	ALL	463149.5	3772487	NonCancer	0.00E+00	5.63E-09	0.00E+00	3.98E-10	3.98E-10	1.88E-07	1.85E-05	0.00E+00	1.73E-08	0.00E+00	3.98E-10	6.43E-07	0.00E+00	0.00E+00	1.85E-05
1664	ALL	463166.2	3772494	NonCancer	0.00E+00	5.91E-09	0.00E+00	4.18E-10	4.18E-10	1.97E-07	1.93E-05	0.00E+00	1.82E-08	0.00E+00	4.18E-10	6.75E-07	0.00E+00	0.00E+00	1.93E-05
1665	ALL	463174.6	3772497	NonCancer	0.00E+00	6.06E-09	0.00E+00	4.28E-10	4.28E-10	2.02E-07	1.98E-05	0.00E+00	1.87E-08	0.00E+00	4.28E-10	6.92E-07	0.00E+00	0.00E+00	1.98E-05
1666	ALL	463182.9	3772501	NonCancer	0.00E+00	6.22E-09	0.00E+00	4.40E-10	4.40E-10	2.08E-07	2.03E-05	0.00E+00	1.92E-08	0.00E+00	4.40E-10	7.11E-07	0.00E+00	0.00E+00	2.03E-05
1667	ALL	463199.6	3772508	NonCancer	0.00E+00	6.58E-09	0.00E+00	4.65E-10	4.65E-10	2.19E-07	2.14E-05	0.00E+00	2.03E-08	0.00E+00	4.65E-10	7.51E-07	0.00E+00	0.00E+00	2.14E-05
1668	ALL	463208	3772511	NonCancer	0.00E+00	6.77E-09	0.00E+00	4.79E-10	4.79E-10	2.26E-07	2.20E-05	0.00E+00	2.09E-08	0.00E+00	4.79E-10	7.73E-07	0.00E+00	0.00E+00	2.20E-05
1669	ALL	463216.3	3772515	NonCancer	0.00E+00	6.98E-09	0.00E+00	4.93E-10	4.93E-10	2.33E-07	2.26E-05	0.00E+00	2.15E-08	0.00E+00	4.93E-10	7.97E-07	0.00E+00	0.00E+00	2.26E-05
1670	ALL	463233	3772522	NonCancer	0.00E+00	7.45E-09	0.00E+00	5.26E-10	5.26E-10	2.48E-07	2.41E-05	0.00E+00	2.29E-08	0.00E+00	5.26E-10	8.50E-07	0.00E+00	0.00E+00	2.41E-05
1671	ALL	463241.4	3772525	NonCancer	0.00E+00	7.71E-09	0.00E+00	5.45E-10	5.45E-10	2.57E-07	2.49E-05	0.00E+00	2.37E-08	0.00E+00	5.45E-10	8.80E-07	0.00E+00	0.00E+00	2.49E-05
1672	ALL	463249.7	3772528	NonCancer	0.00E+00	7.99E-09	0.00E+00	5.65E-10	5.65E-10	2.66E-07	2.58E-05	0.00E+00	2.46E-08	0.00E+00	5.65E-10	9.12E-07	0.00E+00	0.00E+00	2.58E-05

1673	ALL	463266.5	3772535	NonCancer	0.00E+00	8.64E-09	0.00E+00	6.10E-10	6.10E-10	2.88E-07	2.78E-05	0.00E+00	2.66E-08	0.00E+00	6.10E-10	9.86E-07	0.00E+00	0.00E+00	2.78E-05
1674	ALL	463274.8	3772539	NonCancer	0.00E+00	9.01E-09	0.00E+00	6.37E-10	6.37E-10	3.00E-07	2.89E-05	0.00E+00	2.77E-08	0.00E+00	6.37E-10	1.03E-06	0.00E+00	0.00E+00	2.89E-05
1675	ALL	463283.2	3772542	NonCancer	0.00E+00	9.42E-09	0.00E+00	6.66E-10	6.66E-10	3.14E-07	3.02E-05	0.00E+00	2.90E-08	0.00E+00	6.66E-10	1.08E-06	0.00E+00	0.00E+00	3.02E-05
1676	ALL	463299.9	3772549	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.35E-10	7.35E-10	3.47E-07	3.33E-05	0.00E+00	3.20E-08	0.00E+00	7.35E-10	1.19E-06	0.00E+00	0.00E+00	3.33E-05
1677	ALL	463308.2	3772552	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.76E-10	7.76E-10	3.66E-07	3.51E-05	0.00E+00	3.38E-08	0.00E+00	7.76E-10	1.25E-06	0.00E+00	0.00E+00	3.51E-05
1678	ALL	463316.6	3772556	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.24E-10	8.24E-10	3.89E-07	3.73E-05	0.00E+00	3.59E-08	0.00E+00	8.24E-10	1.33E-06	0.00E+00	0.00E+00	3.73E-05
1679	ALL	463333.3	3772563	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.45E-10	9.45E-10	4.46E-07	4.27E-05	0.00E+00	4.12E-08	0.00E+00	9.45E-10	1.53E-06	0.00E+00	0.00E+00	4.27E-05
1680	ALL	463341.6	3772566	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.02E-09	1.02E-09	4.83E-07	4.63E-05	0.00E+00	4.46E-08	0.00E+00	1.02E-09	1.65E-06	0.00E+00	0.00E+00	4.63E-05
1681	ALL	463350	3772570	NonCancer	0.00E+00	1.58E-08	0.00E+00	1.12E-09	1.12E-09	5.28E-07	5.06E-05	0.00E+00	4.87E-08	0.00E+00	1.12E-09	1.81E-06	0.00E+00	0.00E+00	5.06E-05
1682	ALL	463358.3	3772573	NonCancer	0.00E+00	1.75E-08	0.00E+00	1.24E-09	1.24E-09	5.84E-07	5.62E-05	0.00E+00	5.39E-08	0.00E+00	1.24E-09	2.00E-06	0.00E+00	0.00E+00	5.62E-05
1683	ALL	463375.1	3772580	NonCancer	0.00E+00	2.27E-08	0.00E+00	1.60E-09	1.60E-09	7.57E-07	7.35E-05	0.00E+00	6.98E-08	0.00E+00	1.60E-09	2.59E-06	0.00E+00	0.00E+00	7.35E-05
1684	ALL	463383.4	3772583	NonCancer	0.00E+00	2.70E-08	0.00E+00	1.90E-09	1.90E-09	8.99E-07	8.81E-05	0.00E+00	8.30E-08	0.00E+00	1.90E-09	3.08E-06	0.00E+00	0.00E+00	8.81E-05
1685	ALL	463391.8	3772587	NonCancer	0.00E+00	3.37E-08	0.00E+00	2.38E-09	2.38E-09	1.12E-06	1.12E-04	0.00E+00	1.04E-07	0.00E+00	2.38E-09	3.84E-06	0.00E+00	0.00E+00	1.12E-04
1686	ALL	463441.9	3772608	NonCancer	0.00E+00	4.91E-08	0.00E+00	3.47E-09	3.47E-09	1.64E-06	1.36E-04	0.00E+00	1.51E-07	0.00E+00	3.47E-09	5.60E-06	0.00E+00	0.00E+00	1.36E-04
1687	ALL	463450.2	3772611	NonCancer	0.00E+00	3.62E-08	0.00E+00	2.56E-09	2.56E-09	1.21E-06	1.03E-04	0.00E+00	1.11E-07	0.00E+00	2.56E-09	4.13E-06	0.00E+00	0.00E+00	1.03E-04
1688	ALL	463458.6	3772614	NonCancer	0.00E+00	2.91E-08	0.00E+00	2.05E-09	2.05E-09	9.70E-07	8.46E-05	0.00E+00	8.95E-08	0.00E+00	2.05E-09	3.32E-06	0.00E+00	0.00E+00	8.46E-05
1689	ALL	463475.3	3772621	NonCancer	0.00E+00	2.15E-08	0.00E+00	1.52E-09	1.52E-09	7.17E-07	6.39E-05	0.00E+00	6.62E-08	0.00E+00	1.52E-09	2.46E-06	0.00E+00	0.00E+00	6.39E-05
1690	ALL	463483.7	3772625	NonCancer	0.00E+00	1.92E-08	0.00E+00	1.36E-09	1.36E-09	6.41E-07	5.75E-05	0.00E+00	5.92E-08	0.00E+00	1.36E-09	2.19E-06	0.00E+00	0.00E+00	5.75E-05
1691	ALL	463492	3772628	NonCancer	0.00E+00	1.74E-08	0.00E+00	1.23E-09	1.23E-09	5.82E-07	5.24E-05	0.00E+00	5.37E-08	0.00E+00	1.23E-09	1.99E-06	0.00E+00	0.00E+00	5.24E-05
1692	ALL	463508.7	3772635	NonCancer	0.00E+00	1.48E-08	0.00E+00	1.05E-09	1.05E-09	4.95E-07	4.49E-05	0.00E+00	4.57E-08	0.00E+00	1.05E-09	1.69E-06	0.00E+00	0.00E+00	4.49E-05
1693	ALL	463520.5	3772647	NonCancer	0.00E+00	1.35E-08	0.00E+00	9.55E-10	9.55E-10	4.51E-07	4.11E-05	0.00E+00	4.16E-08	0.00E+00	9.55E-10	1.54E-06	0.00E+00	0.00E+00	4.11E-05
1694	ALL	463524	3772655	NonCancer	0.00E+00	1.32E-08	0.00E+00	9.34E-10	9.34E-10	4.41E-07	4.02E-05	0.00E+00	4.07E-08	0.00E+00	9.34E-10	1.51E-06	0.00E+00	0.00E+00	4.02E-05
1695	ALL	463531	3772672	NonCancer	0.00E+00	1.27E-08	0.00E+00	8.96E-10	8.96E-10	4.23E-07	3.87E-05	0.00E+00	3.90E-08	0.00E+00	8.96E-10	1.45E-06	0.00E+00	0.00E+00	3.87E-05
1696	ALL	463534.4	3772680	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.78E-10	8.78E-10	4.14E-07	3.80E-05	0.00E+00	3.83E-08	0.00E+00	8.78E-10	1.42E-06	0.00E+00	0.00E+00	3.80E-05
1697	ALL	463541.4	3772697	NonCancer	0.00E+00	1.20E-08	0.00E+00	8.46E-10	8.46E-10	3.99E-07	3.67E-05	0.00E+00	3.69E-08	0.00E+00	8.46E-10	1.37E-06	0.00E+00	0.00E+00	3.67E-05
1698	ALL	463544.9	3772705	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.32E-10	8.32E-10	3.93E-07	3.61E-05	0.00E+00	3.63E-08	0.00E+00	8.32E-10	1.34E-06	0.00E+00	0.00E+00	3.61E-05
1699	ALL	463551.8	3772722	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.06E-10	8.06E-10	3.80E-07	3.50E-05	0.00E+00	3.51E-08	0.00E+00	8.06E-10	1.30E-06	0.00E+00	0.00E+00	3.50E-05
1700	ALL	463558.8	3772739	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.83E-10	7.83E-10	3.69E-07	3.40E-05	0.00E+00	3.41E-08	0.00E+00	7.83E-10	1.26E-06	0.00E+00	0.00E+00	3.40E-05
1701	ALL	463562.2	3772747	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.72E-10	7.72E-10	3.64E-07	3.36E-05	0.00E+00	3.36E-08	0.00E+00	7.72E-10	1.25E-06	0.00E+00	0.00E+00	3.36E-05
1702	ALL	463569.2	3772764	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.53E-10	7.53E-10	3.55E-07	3.27E-05	0.00E+00	3.28E-08	0.00E+00	7.53E-10	1.22E-06	0.00E+00	0.00E+00	3.27E-05
1703	ALL	463572.7	3772772	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.44E-10	7.44E-10	3.51E-07	3.24E-05	0.00E+00	3.24E-08	0.00E+00	7.44E-10	1.20E-06	0.00E+00	0.00E+00	3.24E-05
1704	ALL	463579.6	3772789	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.27E-10	7.27E-10	3.43E-07	3.17E-05	0.00E+00	3.17E-08	0.00E+00	7.27E-10	1.17E-06	0.00E+00	0.00E+00	3.17E-05
1705	ALL	463583.1	3772797	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.19E-10	7.19E-10	3.40E-07	3.13E-05	0.00E+00	3.13E-08	0.00E+00	7.19E-10	1.16E-06	0.00E+00	0.00E+00	3.13E-05
1706	ALL	463590	3772814	NonCancer	0.00E+00	9.98E-09	0.00E+00	7.05E-10	7.05E-10	3.33E-07	3.07E-05	0.00E+00	3.07E-08	0.00E+00	7.05E-10	1.14E-06	0.00E+00	0.00E+00	3.07E-05
1707	ALL	463593.5	3772822	NonCancer	0.00E+00	9.89E-09	0.00E+00	6.99E-10	6.99E-10	3.30E-07	3.04E-05	0.00E+00	3.04E-08	0.00E+00	6.99E-10	1.13E-06	0.00E+00	0.00E+00	3.04E-05
1708	ALL	463600.4	3772839	NonCancer	0.00E+00	9.71E-09	0.00E+00	6.86E-10	6.86E-10	3.24E-07	2.99E-05	0.00E+00	2.99E-08	0.00E+00	6.86E-10	1.11E-06	0.00E+00	0.00E+00	2.99E-05
1709	ALL	463607.4	3772855	NonCancer	0.00E+00	9.56E-09	0.00E+00	6.75E-10	6.75E-10	3.19E-07	2.94E-05	0.00E+00	2.94E-08	0.00E+00	6.75E-10	1.09E-06	0.00E+00	0.00E+00	2.94E-05
1710	ALL	463610.9	3772864	NonCancer	0.00E+00	9.48E-09	0.00E+00	6.70E-10	6.70E-10	3.16E-07	2.92E-05	0.00E+00	2.92E-08	0.00E+00	6.70E-10	1.08E-06	0.00E+00	0.00E+00	2.92E-05
1711	ALL	463638.7	3772930	NonCancer	0.00E+00	9.00E-09	0.00E+00	6.36E-10	6.36E-10	3.00E-07	2.76E-05	0.00E+00	2.77E-08	0.00E+00	6.36E-10	1.03E-06	0.00E+00	0.00E+00	2.76E-05
1712	ALL	463642.1	3772939	NonCancer	0.00E+00	8.95E-09	0.00E+00	6.33E-10	6.33E-10	2.99E-07	2.74E-05	0.00E+00	2.76E-08	0.00E+00	6.33E-10	1.02E-06	0.00E+00	0.00E+00	2.74E-05
1713	ALL	463649.1	3772955	NonCancer	0.00E+00	8.86E-09	0.00E+00	6.26E-10	6.26E-10	2.95E-07	2.71E-05	0.00E+00	2.73E-08	0.00E+00	6.26E-10	1.01E-06	0.00E+00	0.00E+00	2.71E-05
1714	ALL	463656	3772972	NonCancer	0.00E+00	8.77E-09	0.00E+00	6.19E-10	6.19E-10	2.92E-07	2.68E-05	0.00E+00	2.70E-08	0.00E+00	6.19E-10	1.00E-06	0.00E+00	0.00E+00	2.68E-05
1715	ALL	463659.5	3772980	NonCancer	0.00E+00	8.72E-09	0.00E+00	6.16E-10	6.16E-10	2.91E-07	2.67E-05	0.00E+00	2.69E-08	0.00E+00	6.16E-10	9.96E-07	0.00E+00	0.00E+00	2.67E-05
1716	ALL	463666.5	3772997	NonCancer	0.00E+00	8.64E-09	0.00E+00	6.11E-10	6.11E-10	2.88E-07	2.64E-05	0.00E+00	2.66E-08	0.00E+00	6.11E-10	9.86E-07	0.00E+00	0.00E+00	2.64E-05
1717	ALL	463669.9	3773005	NonCancer	0.00E+00	8.60E-09	0.00E+00	6.08E-10	6.08E-10	2.87E-07	2.63E-05	0.00E+00	2.65E-08	0.00E+00	6.08E-10	9.82E-07	0.00E+00	0.00E+00	2.63E-05
1718	ALL	463676.9	3773022	NonCancer	0.00E+00	8.53E-09	0.00E+00	6.03E-10	6.03E-10	2.84E-07	2.60E-05	0.00E+00	2.63E-08	0.00E+00	6.03E-10	9.73E-07	0.00E+00	0.00E+00	2.60E-05
1719	ALL	463680.4	3773030	NonCancer	0.00E+00	8.49E-09	0.00E+00	6.00E-10	6.00E-10	2.83E-07	2.59E-05	0.00E+00	2.61E-08	0.00E+00	6.00E-10	9.69E-07	0.00E+00	0.00E+00	2.59E-05
1720	ALL	463687.3	3773047	NonCancer	0.00E+00	8.42E-09	0.00E+00	5.95E-10	5.95E-10	2.81E-07	2.56E-05	0.00E+00	2.59E-08	0.00E+00	5.95E-10	9.61E-07	0.00E+00	0.00E+00	2.56E-05
1721	ALL	463690.8	3773055	NonCancer	0.00E+00	8.38E-09	0.00E+00	5.92E-10	5.92E-10	2.80E-07	2.55E-05	0.00E+00	2.58E-08	0.00E+00	5.92E-10	9.57E-07	0.00E+00	0.00E+00	2.55E-05
1722	ALL	463697.7	3773072	NonCancer	0.00E+00	8.32E-09	0.00E+00	5.88E-10	5.88E-10	2.77E-07	2.53E-05	0.00E+00	2.56E-08	0.00E+00	5.88E-10	9.49E-07	0.00E+00	0.00E+00	2.53E-05
1723	ALL	463704.7	3773089	NonCancer	0.00E+00	8.25E-09	0.00E+00	5.83E-10	5.83E-10	2.75E-07	2.50E-05	0.00E+00	2.54E-08	0.00E+00	5.83E-10	9.42E-07	0.00E+00	0.00E+00	2.50E-05
1724	ALL	463708.1	3773097	NonCancer	0.00E+00	8.22E-09	0.00E+00	5.81E-10	5.81E-10	2.74E-07	2.49E-05	0.00E+00	2.53E-08	0.00E+00	5.81E-10	9.38E-07	0.00E+00	0.00E+00	2.49E-05
1725	ALL	463715.1	3773114	NonCancer	0.00E+00	8.16E-09	0.00E+00	5.76E-10	5.76E-10	2.72E-07	2.47E-05	0.00E+00	2.51E-08	0.00E+00	5.76E-10	9.31E-07	0.00E+00	0.00E+00	2.47E-05
1726	ALL	463718.6	3773122	NonCancer	0.00E+00	8.12E-09	0.00E+00	5.74E-10	5.74E-10	2.71E-07	2.46E-05	0.00E+00	2.50E-08	0.00E+00	5.74E-10	9.27E-07	0.00E+00	0.00E+00	2.46E-05

1727	ALL	463725.5	3773139	NonCancer	0.00E+00	8.06E-09	0.00E+00	5.70E-10	5.70E-10	2.69E-07	2.44E-05	0.00E+00	2.48E-08	0.00E+00	5.70E-10	9.20E-07	0.00E+00	0.00E+00	2.44E-05
1728	ALL	463032.6	3772399	NonCancer	0.00E+00	4.03E-09	0.00E+00	2.85E-10	2.85E-10	1.34E-07	1.34E-05	0.00E+00	1.24E-08	0.00E+00	2.85E-10	4.60E-07	0.00E+00	0.00E+00	1.34E-05
1729	ALL	463041	3772403	NonCancer	0.00E+00	4.10E-09	0.00E+00	2.90E-10	2.90E-10	1.37E-07	1.36E-05	0.00E+00	1.26E-08	0.00E+00	2.90E-10	4.68E-07	0.00E+00	0.00E+00	1.36E-05
1730	ALL	463049.4	3772406	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.38E-05	0.00E+00	1.29E-08	0.00E+00	2.95E-10	4.76E-07	0.00E+00	0.00E+00	1.38E-05
1731	ALL	463057.8	3772409	NonCancer	0.00E+00	4.25E-09	0.00E+00	3.00E-10	3.00E-10	1.42E-07	1.41E-05	0.00E+00	1.31E-08	0.00E+00	3.00E-10	4.85E-07	0.00E+00	0.00E+00	1.41E-05
1732	ALL	463066.2	3772413	NonCancer	0.00E+00	4.33E-09	0.00E+00	3.06E-10	3.06E-10	1.44E-07	1.43E-05	0.00E+00	1.33E-08	0.00E+00	3.06E-10	4.94E-07	0.00E+00	0.00E+00	1.43E-05
1733	ALL	463074.6	3772416	NonCancer	0.00E+00	4.42E-09	0.00E+00	3.12E-10	3.12E-10	1.47E-07	1.46E-05	0.00E+00	1.36E-08	0.00E+00	3.12E-10	5.04E-07	0.00E+00	0.00E+00	1.46E-05
1734	ALL	463083	3772420	NonCancer	0.00E+00	4.50E-09	0.00E+00	3.18E-10	3.18E-10	1.50E-07	1.49E-05	0.00E+00	1.39E-08	0.00E+00	3.18E-10	5.14E-07	0.00E+00	0.00E+00	1.49E-05
1735	ALL	463091.5	3772423	NonCancer	0.00E+00	4.59E-09	0.00E+00	3.25E-10	3.25E-10	1.53E-07	1.51E-05	0.00E+00	1.41E-08	0.00E+00	3.25E-10	5.24E-07	0.00E+00	0.00E+00	1.51E-05
1736	ALL	463099.9	3772427	NonCancer	0.00E+00	4.69E-09	0.00E+00	3.31E-10	3.31E-10	1.56E-07	1.54E-05	0.00E+00	1.44E-08	0.00E+00	3.31E-10	5.35E-07	0.00E+00	0.00E+00	1.54E-05
1737	ALL	463108.3	3772430	NonCancer	0.00E+00	4.79E-09	0.00E+00	3.38E-10	3.38E-10	1.60E-07	1.57E-05	0.00E+00	1.47E-08	0.00E+00	3.38E-10	5.46E-07	0.00E+00	0.00E+00	1.57E-05
1738	ALL	463116.7	3772434	NonCancer	0.00E+00	4.89E-09	0.00E+00	3.46E-10	3.46E-10	1.63E-07	1.61E-05	0.00E+00	1.51E-08	0.00E+00	3.46E-10	5.58E-07	0.00E+00	0.00E+00	1.61E-05
1739	ALL	463125.1	3772437	NonCancer	0.00E+00	5.00E-09	0.00E+00	3.53E-10	3.53E-10	1.67E-07	1.64E-05	0.00E+00	1.54E-08	0.00E+00	3.53E-10	5.71E-07	0.00E+00	0.00E+00	1.64E-05
1740	ALL	463133.5	3772441	NonCancer	0.00E+00	5.12E-09	0.00E+00	3.62E-10	3.62E-10	1.71E-07	1.68E-05	0.00E+00	1.58E-08	0.00E+00	3.62E-10	5.84E-07	0.00E+00	0.00E+00	1.68E-05
1741	ALL	463217.5	3772475	NonCancer	0.00E+00	6.71E-09	0.00E+00	4.74E-10	4.74E-10	2.24E-07	2.17E-05	0.00E+00	2.07E-08	0.00E+00	4.74E-10	7.66E-07	0.00E+00	0.00E+00	2.17E-05
1742	ALL	463225.9	3772479	NonCancer	0.00E+00	6.94E-09	0.00E+00	4.90E-10	4.90E-10	2.31E-07	2.24E-05	0.00E+00	2.14E-08	0.00E+00	4.90E-10	7.92E-07	0.00E+00	0.00E+00	2.24E-05
1743	ALL	463234.3	3772482	NonCancer	0.00E+00	7.18E-09	0.00E+00	5.08E-10	5.08E-10	2.40E-07	2.32E-05	0.00E+00	2.21E-08	0.00E+00	5.08E-10	8.20E-07	0.00E+00	0.00E+00	2.32E-05
1744	ALL	463242.7	3772486	NonCancer	0.00E+00	7.45E-09	0.00E+00	5.26E-10	5.26E-10	2.48E-07	2.40E-05	0.00E+00	2.29E-08	0.00E+00	5.26E-10	8.50E-07	0.00E+00	0.00E+00	2.40E-05
1745	ALL	463251.1	3772489	NonCancer	0.00E+00	7.73E-09	0.00E+00	5.46E-10	5.46E-10	2.58E-07	2.49E-05	0.00E+00	2.38E-08	0.00E+00	5.46E-10	8.83E-07	0.00E+00	0.00E+00	2.49E-05
1746	ALL	463259.5	3772492	NonCancer	0.00E+00	8.05E-09	0.00E+00	5.69E-10	5.69E-10	2.68E-07	2.58E-05	0.00E+00	2.48E-08	0.00E+00	5.69E-10	9.19E-07	0.00E+00	0.00E+00	2.58E-05
1747	ALL	463267.9	3772496	NonCancer	0.00E+00	8.39E-09	0.00E+00	5.93E-10	5.93E-10	2.80E-07	2.69E-05	0.00E+00	2.58E-08	0.00E+00	5.93E-10	9.58E-07	0.00E+00	0.00E+00	2.69E-05
1748	ALL	463276.4	3772499	NonCancer	0.00E+00	8.77E-09	0.00E+00	6.20E-10	6.20E-10	2.93E-07	2.81E-05	0.00E+00	2.70E-08	0.00E+00	6.20E-10	1.00E-06	0.00E+00	0.00E+00	2.81E-05
1749	ALL	463284.8	3772503	NonCancer	0.00E+00	9.20E-09	0.00E+00	6.50E-10	6.50E-10	3.07E-07	2.94E-05	0.00E+00	2.83E-08	0.00E+00	6.50E-10	1.05E-06	0.00E+00	0.00E+00	2.94E-05
1750	ALL	463293.2	3772506	NonCancer	0.00E+00	9.67E-09	0.00E+00	6.83E-10	6.83E-10	3.23E-07	3.09E-05	0.00E+00	2.98E-08	0.00E+00	6.83E-10	1.10E-06	0.00E+00	0.00E+00	3.09E-05
1751	ALL	463301.6	3772510	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.21E-10	7.21E-10	3.40E-07	3.26E-05	0.00E+00	3.14E-08	0.00E+00	7.21E-10	1.17E-06	0.00E+00	0.00E+00	3.26E-05
1752	ALL	463310	3772513	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.64E-10	7.64E-10	3.61E-07	3.45E-05	0.00E+00	3.33E-08	0.00E+00	7.64E-10	1.23E-06	0.00E+00	0.00E+00	3.45E-05
1753	ALL	463318.4	3772517	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.14E-10	8.14E-10	3.84E-07	3.68E-05	0.00E+00	3.55E-08	0.00E+00	8.14E-10	1.31E-06	0.00E+00	0.00E+00	3.68E-05
1754	ALL	463326.8	3772520	NonCancer	0.00E+00	1.23E-08	0.00E+00	8.72E-10	8.72E-10	4.11E-07	3.94E-05	0.00E+00	3.80E-08	0.00E+00	8.72E-10	1.41E-06	0.00E+00	0.00E+00	3.94E-05
1755	ALL	463335.2	3772524	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.40E-10	9.40E-10	4.44E-07	4.25E-05	0.00E+00	4.10E-08	0.00E+00	9.40E-10	1.52E-06	0.00E+00	0.00E+00	4.25E-05
1756	ALL	463343.6	3772527	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.02E-09	1.02E-09	4.82E-07	4.62E-05	0.00E+00	4.45E-08	0.00E+00	1.02E-09	1.65E-06	0.00E+00	0.00E+00	4.62E-05
1757	ALL	463352	3772531	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.12E-09	1.12E-09	5.30E-07	5.09E-05	0.00E+00	4.90E-08	0.00E+00	1.12E-09	1.82E-06	0.00E+00	0.00E+00	5.09E-05
1758	ALL	463360.4	3772534	NonCancer	0.00E+00	1.77E-08	0.00E+00	1.25E-09	1.25E-09	5.91E-07	5.68E-05	0.00E+00	5.46E-08	0.00E+00	1.25E-09	2.02E-06	0.00E+00	0.00E+00	5.68E-05
1759	ALL	463368.8	3772537	NonCancer	0.00E+00	2.01E-08	0.00E+00	1.42E-09	1.42E-09	6.70E-07	6.48E-05	0.00E+00	6.19E-08	0.00E+00	1.42E-09	2.29E-06	0.00E+00	0.00E+00	6.48E-05
1760	ALL	463377.2	3772541	NonCancer	0.00E+00	2.34E-08	0.00E+00	1.65E-09	1.65E-09	7.79E-07	7.58E-05	0.00E+00	7.19E-08	0.00E+00	1.65E-09	2.67E-06	0.00E+00	0.00E+00	7.58E-05
1761	ALL	463385.6	3772544	NonCancer	0.00E+00	2.82E-08	0.00E+00	1.99E-09	1.99E-09	9.39E-07	9.25E-05	0.00E+00	8.67E-08	0.00E+00	1.99E-09	3.22E-06	0.00E+00	0.00E+00	9.25E-05
1762	ALL	463394	3772548	NonCancer	0.00E+00	3.60E-08	0.00E+00	2.55E-09	2.55E-09	1.20E-06	1.21E-04	0.00E+00	1.11E-07	0.00E+00	2.55E-09	4.11E-06	0.00E+00	0.00E+00	1.21E-04
1763	ALL	463402.4	3772551	NonCancer	0.00E+00	5.19E-08	0.00E+00	3.66E-09	3.66E-09	1.73E-06	1.82E-04	0.00E+00	1.60E-07	0.00E+00	3.66E-09	5.92E-06	0.00E+00	0.00E+00	1.82E-04
1764	ALL	463444.4	3772569	NonCancer	0.00E+00	4.37E-08	0.00E+00	3.09E-09	3.09E-09	1.46E-06	1.23E-04	0.00E+00	1.35E-07	0.00E+00	3.09E-09	4.99E-06	0.00E+00	0.00E+00	1.23E-04
1765	ALL	463452.8	3772572	NonCancer	0.00E+00	3.32E-08	0.00E+00	2.34E-09	2.34E-09	1.11E-06	9.54E-05	0.00E+00	1.02E-07	0.00E+00	2.34E-09	3.79E-06	0.00E+00	0.00E+00	9.54E-05
1766	ALL	463461.2	3772576	NonCancer	0.00E+00	2.72E-08	0.00E+00	1.92E-09	1.92E-09	9.05E-07	7.93E-05	0.00E+00	8.36E-08	0.00E+00	1.92E-09	3.10E-06	0.00E+00	0.00E+00	7.93E-05
1767	ALL	463469.7	3772579	NonCancer	0.00E+00	2.32E-08	0.00E+00	1.64E-09	1.64E-09	7.74E-07	6.85E-05	0.00E+00	7.15E-08	0.00E+00	1.64E-09	2.65E-06	0.00E+00	0.00E+00	6.85E-05
1768	ALL	463478.1	3772582	NonCancer	0.00E+00	2.04E-08	0.00E+00	1.44E-09	1.44E-09	6.81E-07	6.07E-05	0.00E+00	6.28E-08	0.00E+00	1.44E-09	2.33E-06	0.00E+00	0.00E+00	6.07E-05
1769	ALL	463486.5	3772586	NonCancer	0.00E+00	1.83E-08	0.00E+00	1.29E-09	1.29E-09	6.10E-07	5.48E-05	0.00E+00	5.63E-08	0.00E+00	1.29E-09	2.09E-06	0.00E+00	0.00E+00	5.48E-05
1770	ALL	463494.9	3772589	NonCancer	0.00E+00	1.66E-08	0.00E+00	1.18E-09	1.18E-09	5.55E-07	5.00E-05	0.00E+00	5.12E-08	0.00E+00	1.18E-09	1.90E-06	0.00E+00	0.00E+00	5.00E-05
1771	ALL	463511.7	3772596	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.73E-07	4.30E-05	0.00E+00	4.37E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	4.30E-05
1772	ALL	463520.1	3772600	NonCancer	0.00E+00	1.33E-08	0.00E+00	9.37E-10	9.37E-10	4.42E-07	4.03E-05	0.00E+00	4.08E-08	0.00E+00	9.37E-10	1.51E-06	0.00E+00	0.00E+00	4.03E-05
1773	ALL	463528.5	3772603	NonCancer	0.00E+00	1.25E-08	0.00E+00	8.80E-10	8.80E-10	4.16E-07	3.79E-05	0.00E+00	3.84E-08	0.00E+00	8.80E-10	1.42E-06	0.00E+00	0.00E+00	3.79E-05
1774	ALL	463536.9	3772607	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.32E-10	8.32E-10	3.92E-07	3.59E-05	0.00E+00	3.62E-08	0.00E+00	8.32E-10	1.34E-06	0.00E+00	0.00E+00	3.59E-05
1775	ALL	463548.8	3772619	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.75E-10	7.75E-10	3.66E-07	3.36E-05	0.00E+00	3.38E-08	0.00E+00	7.75E-10	1.25E-06	0.00E+00	0.00E+00	3.36E-05
1776	ALL	463552.3	3772627	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.63E-10	7.63E-10	3.60E-07	3.31E-05	0.00E+00	3.32E-08	0.00E+00	7.63E-10	1.23E-06	0.00E+00	0.00E+00	3.31E-05
1777	ALL	463559.3	3772644	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.39E-10	7.39E-10	3.49E-07	3.21E-05	0.00E+00	3.22E-08	0.00E+00	7.39E-10	1.19E-06	0.00E+00	0.00E+00	3.21E-05
1778	ALL	463566.3	3772660	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.19E-10	7.19E-10	3.39E-07	3.12E-05	0.00E+00	3.13E-08	0.00E+00	7.19E-10	1.16E-06	0.00E+00	0.00E+00	3.12E-05
1779	ALL	463569.8	3772669	NonCancer	0.00E+00	1.00E-08	0.00E+00	7.09E-10	7.09E-10	3.35E-07	3.08E-05	0.00E+00	3.09E-08	0.00E+00	7.09E-10	1.15E-06	0.00E+00	0.00E+00	3.08E-05
1780	ALL	463576.8	3772686	NonCancer	0.00E+00	9.78E-09	0.00E+00	6.91E-10	6.91E-10	3.26E-07	3.01E-05	0.00E+00	3.01E-08	0.00E+00	6.91E-10	1.12E-06	0.00E+00	0.00E+00	3.01E-05

1781	ALL	463583.7	3772702	NonCancer	0.00E+00	9.56E-09	0.00E+00	6.76E-10	6.76E-10	3.19E-07	2.94E-05	0.00E+00	2.94E-08	0.00E+00	6.76E-10	1.09E-06	0.00E+00	0.00E+00	2.94E-05
1782	ALL	463590.7	3772719	NonCancer	0.00E+00	9.36E-09	0.00E+00	6.61E-10	6.61E-10	3.12E-07	2.88E-05	0.00E+00	2.88E-08	0.00E+00	6.61E-10	1.07E-06	0.00E+00	0.00E+00	2.88E-05
1783	ALL	463597.7	3772736	NonCancer	0.00E+00	9.17E-09	0.00E+00	6.48E-10	6.48E-10	3.06E-07	2.83E-05	0.00E+00	2.82E-08	0.00E+00	6.48E-10	1.05E-06	0.00E+00	0.00E+00	2.83E-05
1784	ALL	463601.2	3772744	NonCancer	0.00E+00	9.09E-09	0.00E+00	6.42E-10	6.42E-10	3.03E-07	2.80E-05	0.00E+00	2.80E-08	0.00E+00	6.42E-10	1.04E-06	0.00E+00	0.00E+00	2.80E-05
1785	ALL	463608.2	3772761	NonCancer	0.00E+00	8.93E-09	0.00E+00	6.31E-10	6.31E-10	2.98E-07	2.75E-05	0.00E+00	2.75E-08	0.00E+00	6.31E-10	1.02E-06	0.00E+00	0.00E+00	2.75E-05
1786	ALL	463615.2	3772778	NonCancer	0.00E+00	8.78E-09	0.00E+00	6.20E-10	6.20E-10	2.93E-07	2.71E-05	0.00E+00	2.70E-08	0.00E+00	6.20E-10	1.00E-06	0.00E+00	0.00E+00	2.71E-05
1787	ALL	463622.2	3772795	NonCancer	0.00E+00	8.65E-09	0.00E+00	6.11E-10	6.11E-10	2.88E-07	2.67E-05	0.00E+00	2.66E-08	0.00E+00	6.11E-10	9.87E-07	0.00E+00	0.00E+00	2.67E-05
1788	ALL	463629.2	3772812	NonCancer	0.00E+00	8.53E-09	0.00E+00	6.02E-10	6.02E-10	2.84E-07	2.63E-05	0.00E+00	2.62E-08	0.00E+00	6.02E-10	9.73E-07	0.00E+00	0.00E+00	2.63E-05
1789	ALL	463632.7	3772820	NonCancer	0.00E+00	8.47E-09	0.00E+00	5.98E-10	5.98E-10	2.82E-07	2.61E-05	0.00E+00	2.61E-08	0.00E+00	5.98E-10	9.67E-07	0.00E+00	0.00E+00	2.61E-05
1790	ALL	463639.7	3772837	NonCancer	0.00E+00	8.36E-09	0.00E+00	5.91E-10	5.91E-10	2.79E-07	2.58E-05	0.00E+00	2.57E-08	0.00E+00	5.91E-10	9.54E-07	0.00E+00	0.00E+00	2.58E-05
1791	ALL	463646.7	3772853	NonCancer	0.00E+00	8.26E-09	0.00E+00	5.84E-10	5.84E-10	2.75E-07	2.55E-05	0.00E+00	2.54E-08	0.00E+00	5.84E-10	9.43E-07	0.00E+00	0.00E+00	2.55E-05
1792	ALL	463653.6	3772870	NonCancer	0.00E+00	8.17E-09	0.00E+00	5.77E-10	5.77E-10	2.72E-07	2.52E-05	0.00E+00	2.51E-08	0.00E+00	5.77E-10	9.32E-07	0.00E+00	0.00E+00	2.52E-05
1793	ALL	463657.1	3772879	NonCancer	0.00E+00	8.13E-09	0.00E+00	5.74E-10	5.74E-10	2.71E-07	2.50E-05	0.00E+00	2.50E-08	0.00E+00	5.74E-10	9.27E-07	0.00E+00	0.00E+00	2.50E-05
1794	ALL	463678.1	3772929	NonCancer	0.00E+00	7.89E-09	0.00E+00	5.58E-10	5.58E-10	2.63E-07	2.42E-05	0.00E+00	2.43E-08	0.00E+00	5.58E-10	9.01E-07	0.00E+00	0.00E+00	2.42E-05
1795	ALL	463685.1	3772946	NonCancer	0.00E+00	7.82E-09	0.00E+00	5.53E-10	5.53E-10	2.61E-07	2.40E-05	0.00E+00	2.41E-08	0.00E+00	5.53E-10	8.93E-07	0.00E+00	0.00E+00	2.40E-05
1796	ALL	463688.6	3772954	NonCancer	0.00E+00	7.79E-09	0.00E+00	5.50E-10	5.50E-10	2.60E-07	2.39E-05	0.00E+00	2.40E-08	0.00E+00	5.50E-10	8.89E-07	0.00E+00	0.00E+00	2.39E-05
1797	ALL	463695.6	3772971	NonCancer	0.00E+00	7.72E-09	0.00E+00	5.46E-10	5.46E-10	2.58E-07	2.37E-05	0.00E+00	2.38E-08	0.00E+00	5.46E-10	8.82E-07	0.00E+00	0.00E+00	2.37E-05
1798	ALL	463702.6	3772988	NonCancer	0.00E+00	7.66E-09	0.00E+00	5.41E-10	5.41E-10	2.56E-07	2.34E-05	0.00E+00	2.36E-08	0.00E+00	5.41E-10	8.75E-07	0.00E+00	0.00E+00	2.34E-05
1799	ALL	463709.6	3773004	NonCancer	0.00E+00	7.60E-09	0.00E+00	5.37E-10	5.37E-10	2.54E-07	2.32E-05	0.00E+00	2.34E-08	0.00E+00	5.37E-10	8.68E-07	0.00E+00	0.00E+00	2.32E-05
1800	ALL	463716.6	3773021	NonCancer	0.00E+00	7.55E-09	0.00E+00	5.33E-10	5.33E-10	2.52E-07	2.30E-05	0.00E+00	2.32E-08	0.00E+00	5.33E-10	8.61E-07	0.00E+00	0.00E+00	2.30E-05
1801	ALL	463720.1	3773030	NonCancer	0.00E+00	7.52E-09	0.00E+00	5.31E-10	5.31E-10	2.51E-07	2.29E-05	0.00E+00	2.31E-08	0.00E+00	5.31E-10	8.58E-07	0.00E+00	0.00E+00	2.29E-05
1802	ALL	463727	3773046	NonCancer	0.00E+00	7.46E-09	0.00E+00	5.27E-10	5.27E-10	2.49E-07	2.27E-05	0.00E+00	2.30E-08	0.00E+00	5.27E-10	8.52E-07	0.00E+00	0.00E+00	2.27E-05
1803	ALL	463734	3773063	NonCancer	0.00E+00	7.41E-09	0.00E+00	5.23E-10	5.23E-10	2.47E-07	2.26E-05	0.00E+00	2.28E-08	0.00E+00	5.23E-10	8.45E-07	0.00E+00	0.00E+00	2.26E-05
1804	ALL	463741	3773080	NonCancer	0.00E+00	7.35E-09	0.00E+00	5.20E-10	5.20E-10	2.45E-07	2.24E-05	0.00E+00	2.26E-08	0.00E+00	5.20E-10	8.39E-07	0.00E+00	0.00E+00	2.24E-05
1805	ALL	463744.5	3773088	NonCancer	0.00E+00	7.33E-09	0.00E+00	5.18E-10	5.18E-10	2.44E-07	2.23E-05	0.00E+00	2.26E-08	0.00E+00	5.18E-10	8.36E-07	0.00E+00	0.00E+00	2.23E-05
1806	ALL	463751.5	3773105	NonCancer	0.00E+00	7.28E-09	0.00E+00	5.14E-10	5.14E-10	2.43E-07	2.21E-05	0.00E+00	2.24E-08	0.00E+00	5.14E-10	8.31E-07	0.00E+00	0.00E+00	2.21E-05
1807	ALL	463758.5	3773122	NonCancer	0.00E+00	7.23E-09	0.00E+00	5.11E-10	5.11E-10	2.41E-07	2.19E-05	0.00E+00	2.22E-08	0.00E+00	5.11E-10	8.25E-07	0.00E+00	0.00E+00	2.19E-05
1808	ALL	463032.3	3772359	NonCancer	0.00E+00	3.81E-09	0.00E+00	2.69E-10	2.69E-10	1.27E-07	1.26E-05	0.00E+00	1.17E-08	0.00E+00	2.69E-10	4.34E-07	0.00E+00	0.00E+00	1.26E-05
1809	ALL	463049	3772366	NonCancer	0.00E+00	3.94E-09	0.00E+00	2.79E-10	2.79E-10	1.31E-07	1.30E-05	0.00E+00	1.21E-08	0.00E+00	2.79E-10	4.50E-07	0.00E+00	0.00E+00	1.30E-05
1810	ALL	463057.3	3772369	NonCancer	0.00E+00	4.02E-09	0.00E+00	2.84E-10	2.84E-10	1.34E-07	1.32E-05	0.00E+00	1.24E-08	0.00E+00	2.84E-10	4.58E-07	0.00E+00	0.00E+00	1.32E-05
1811	ALL	463065.6	3772373	NonCancer	0.00E+00	4.09E-09	0.00E+00	2.89E-10	2.89E-10	1.36E-07	1.35E-05	0.00E+00	1.26E-08	0.00E+00	2.89E-10	4.67E-07	0.00E+00	0.00E+00	1.35E-05
1812	ALL	463082.3	3772380	NonCancer	0.00E+00	4.25E-09	0.00E+00	3.01E-10	3.01E-10	1.42E-07	1.40E-05	0.00E+00	1.31E-08	0.00E+00	3.01E-10	4.85E-07	0.00E+00	0.00E+00	1.40E-05
1813	ALL	463090.6	3772383	NonCancer	0.00E+00	4.34E-09	0.00E+00	3.07E-10	3.07E-10	1.45E-07	1.43E-05	0.00E+00	1.34E-08	0.00E+00	3.07E-10	4.95E-07	0.00E+00	0.00E+00	1.43E-05
1814	ALL	463107.2	3772390	NonCancer	0.00E+00	4.52E-09	0.00E+00	3.20E-10	3.20E-10	1.51E-07	1.48E-05	0.00E+00	1.39E-08	0.00E+00	3.20E-10	5.16E-07	0.00E+00	0.00E+00	1.48E-05
1815	ALL	463115.6	3772393	NonCancer	0.00E+00	4.62E-09	0.00E+00	3.26E-10	3.26E-10	1.54E-07	1.51E-05	0.00E+00	1.42E-08	0.00E+00	3.26E-10	5.27E-07	0.00E+00	0.00E+00	1.51E-05
1816	ALL	463123.9	3772397	NonCancer	0.00E+00	4.72E-09	0.00E+00	3.34E-10	3.34E-10	1.58E-07	1.54E-05	0.00E+00	1.45E-08	0.00E+00	3.34E-10	5.39E-07	0.00E+00	0.00E+00	1.54E-05
1817	ALL	463140.5	3772404	NonCancer	0.00E+00	4.95E-09	0.00E+00	3.50E-10	3.50E-10	1.65E-07	1.61E-05	0.00E+00	1.52E-08	0.00E+00	3.50E-10	5.65E-07	0.00E+00	0.00E+00	1.61E-05
1818	ALL	463148.9	3772407	NonCancer	0.00E+00	5.07E-09	0.00E+00	3.58E-10	3.58E-10	1.69E-07	1.65E-05	0.00E+00	1.56E-08	0.00E+00	3.58E-10	5.79E-07	0.00E+00	0.00E+00	1.65E-05
1819	ALL	463165.5	3772414	NonCancer	0.00E+00	5.34E-09	0.00E+00	3.77E-10	3.77E-10	1.78E-07	1.73E-05	0.00E+00	1.64E-08	0.00E+00	3.77E-10	6.09E-07	0.00E+00	0.00E+00	1.73E-05
1820	ALL	463173.9	3772417	NonCancer	0.00E+00	5.48E-09	0.00E+00	3.87E-10	3.87E-10	1.83E-07	1.78E-05	0.00E+00	1.69E-08	0.00E+00	3.87E-10	6.26E-07	0.00E+00	0.00E+00	1.78E-05
1821	ALL	463182.2	3772421	NonCancer	0.00E+00	5.64E-09	0.00E+00	3.98E-10	3.98E-10	1.88E-07	1.83E-05	0.00E+00	1.73E-08	0.00E+00	3.98E-10	6.43E-07	0.00E+00	0.00E+00	1.83E-05
1822	ALL	463198.8	3772428	NonCancer	0.00E+00	5.97E-09	0.00E+00	4.22E-10	4.22E-10	1.99E-07	1.93E-05	0.00E+00	1.84E-08	0.00E+00	4.22E-10	6.82E-07	0.00E+00	0.00E+00	1.93E-05
1823	ALL	463207.2	3772431	NonCancer	0.00E+00	6.16E-09	0.00E+00	4.35E-10	4.35E-10	2.05E-07	1.99E-05	0.00E+00	1.90E-08	0.00E+00	4.35E-10	7.03E-07	0.00E+00	0.00E+00	1.99E-05
1824	ALL	463223.8	3772438	NonCancer	0.00E+00	6.58E-09	0.00E+00	4.65E-10	4.65E-10	2.19E-07	2.12E-05	0.00E+00	2.03E-08	0.00E+00	4.65E-10	7.51E-07	0.00E+00	0.00E+00	2.12E-05
1825	ALL	463315.4	3772476	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.73E-10	7.73E-10	3.65E-07	3.49E-05	0.00E+00	3.37E-08	0.00E+00	7.73E-10	1.25E-06	0.00E+00	0.00E+00	3.49E-05
1826	ALL	463323.7	3772479	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.28E-10	8.28E-10	3.91E-07	3.73E-05	0.00E+00	3.61E-08	0.00E+00	8.28E-10	1.34E-06	0.00E+00	0.00E+00	3.73E-05
1827	ALL	463340.4	3772486	NonCancer	0.00E+00	1.37E-08	0.00E+00	9.67E-10	9.67E-10	4.56E-07	4.37E-05	0.00E+00	4.21E-08	0.00E+00	9.67E-10	1.56E-06	0.00E+00	0.00E+00	4.37E-05
1828	ALL	463348.7	3772489	NonCancer	0.00E+00	1.50E-08	0.00E+00	1.06E-09	1.06E-09	5.00E-07	4.79E-05	0.00E+00	4.62E-08	0.00E+00	1.06E-09	1.71E-06	0.00E+00	0.00E+00	4.79E-05
1829	ALL	463357	3772493	NonCancer	0.00E+00	1.66E-08	0.00E+00	1.18E-09	1.18E-09	5.55E-07	5.33E-05	0.00E+00	5.12E-08	0.00E+00	1.18E-09	1.90E-06	0.00E+00	0.00E+00	5.33E-05
1830	ALL	463373.7	3772500	NonCancer	0.00E+00	2.16E-08	0.00E+00	1.53E-09	1.53E-09	7.20E-07	6.98E-05	0.00E+00	6.65E-08	0.00E+00	1.53E-09	2.46E-06	0.00E+00	0.00E+00	6.98E-05
1831	ALL	463382	3772503	NonCancer	0.00E+00	2.56E-08	0.00E+00	1.81E-09	1.81E-09	8.54E-07	8.36E-05	0.00E+00	7.88E-08	0.00E+00	1.81E-09	2.92E-06	0.00E+00	0.00E+00	8.36E-05
1832	ALL	463398.7	3772510	NonCancer	0.00E+00	4.30E-08	0.00E+00	3.04E-09	3.04E-09	1.43E-06	1.47E-04	0.00E+00	1.32E-07	0.00E+00	3.04E-09	4.91E-06	0.00E+00	0.00E+00	1.47E-04
1833	ALL	463440.3	3772527	NonCancer	0.00E+00	5.18E-08	0.00E+00	3.66E-09	3.66E-09	1.73E-06	1.43E-04	0.00E+00	1.60E-07	0.00E+00	3.66E-09	5.92E-06	0.00E+00	0.00E+00	1.43E-04
1834	ALL	463456.9	3772534	NonCancer	0.00E+00	2.95E-08	0.00E+00	2.09E-09	2.09E-09	9.85E-07	8.55E-05	0.00E+00	9.09E-08	0.00E+00	2.09E-09	3.37E-06	0.00E+00	0.00E+00	8.55E-05

1835	ALL	463465.3	3772537	NonCancer	0.00E+00	2.47E-08	0.00E+00	1.75E-09	1.75E-09	8.24E-07	7.25E-05	0.00E+00	7.61E-08	0.00E+00	1.75E-09	2.82E-06	0.00E+00	0.00E+00	7.25E-05
1836	ALL	463473.6	3772541	NonCancer	0.00E+00	2.14E-08	0.00E+00	1.51E-09	1.51E-09	7.15E-07	6.35E-05	0.00E+00	6.60E-08	0.00E+00	1.51E-09	2.45E-06	0.00E+00	0.00E+00	6.35E-05
1837	ALL	463490.3	3772548	NonCancer	0.00E+00	1.72E-08	0.00E+00	1.21E-09	1.21E-09	5.73E-07	5.15E-05	0.00E+00	5.29E-08	0.00E+00	1.21E-09	1.96E-06	0.00E+00	0.00E+00	5.15E-05
1838	ALL	463498.6	3772551	NonCancer	0.00E+00	1.57E-08	0.00E+00	1.11E-09	1.11E-09	5.24E-07	4.73E-05	0.00E+00	4.84E-08	0.00E+00	1.11E-09	1.79E-06	0.00E+00	0.00E+00	4.73E-05
1839	ALL	463506.9	3772554	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.03E-09	1.03E-09	4.84E-07	4.38E-05	0.00E+00	4.47E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	4.38E-05
1840	ALL	463523.6	3772561	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.94E-10	8.94E-10	4.22E-07	3.84E-05	0.00E+00	3.89E-08	0.00E+00	8.94E-10	1.44E-06	0.00E+00	0.00E+00	3.84E-05
1841	ALL	463531.9	3772565	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.42E-10	8.42E-10	3.97E-07	3.63E-05	0.00E+00	3.67E-08	0.00E+00	8.42E-10	1.36E-06	0.00E+00	0.00E+00	3.63E-05
1842	ALL	463548.5	3772572	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.57E-10	7.57E-10	3.57E-07	3.27E-05	0.00E+00	3.30E-08	0.00E+00	7.57E-10	1.22E-06	0.00E+00	0.00E+00	3.27E-05
1843	ALL	463556.9	3772575	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.21E-10	7.21E-10	3.40E-07	3.13E-05	0.00E+00	3.14E-08	0.00E+00	7.21E-10	1.17E-06	0.00E+00	0.00E+00	3.13E-05
1844	ALL	463565.2	3772578	NonCancer	0.00E+00	9.76E-09	0.00E+00	6.89E-10	6.89E-10	3.25E-07	2.99E-05	0.00E+00	3.00E-08	0.00E+00	6.89E-10	1.11E-06	0.00E+00	0.00E+00	2.99E-05
1845	ALL	463577	3772590	NonCancer	0.00E+00	9.23E-09	0.00E+00	6.52E-10	6.52E-10	3.08E-07	2.84E-05	0.00E+00	2.84E-08	0.00E+00	6.52E-10	1.05E-06	0.00E+00	0.00E+00	2.84E-05
1846	ALL	463580.4	3772598	NonCancer	0.00E+00	9.12E-09	0.00E+00	6.44E-10	6.44E-10	3.04E-07	2.80E-05	0.00E+00	2.81E-08	0.00E+00	6.44E-10	1.04E-06	0.00E+00	0.00E+00	2.80E-05
1847	ALL	463587.4	3772615	NonCancer	0.00E+00	8.91E-09	0.00E+00	6.29E-10	6.29E-10	2.97E-07	2.74E-05	0.00E+00	2.74E-08	0.00E+00	6.29E-10	1.02E-06	0.00E+00	0.00E+00	2.74E-05
1848	ALL	463594.3	3772632	NonCancer	0.00E+00	8.72E-09	0.00E+00	6.16E-10	6.16E-10	2.91E-07	2.69E-05	0.00E+00	2.69E-08	0.00E+00	6.16E-10	9.95E-07	0.00E+00	0.00E+00	2.69E-05
1849	ALL	463601.2	3772648	NonCancer	0.00E+00	8.55E-09	0.00E+00	6.04E-10	6.04E-10	2.85E-07	2.64E-05	0.00E+00	2.63E-08	0.00E+00	6.04E-10	9.76E-07	0.00E+00	0.00E+00	2.64E-05
1850	ALL	463608.1	3772665	NonCancer	0.00E+00	8.39E-09	0.00E+00	5.93E-10	5.93E-10	2.80E-07	2.59E-05	0.00E+00	2.58E-08	0.00E+00	5.93E-10	9.57E-07	0.00E+00	0.00E+00	2.59E-05
1851	ALL	463615.1	3772682	NonCancer	0.00E+00	8.24E-09	0.00E+00	5.82E-10	5.82E-10	2.75E-07	2.55E-05	0.00E+00	2.54E-08	0.00E+00	5.82E-10	9.41E-07	0.00E+00	0.00E+00	2.55E-05
1852	ALL	463622	3772698	NonCancer	0.00E+00	8.11E-09	0.00E+00	5.73E-10	5.73E-10	2.70E-07	2.51E-05	0.00E+00	2.50E-08	0.00E+00	5.73E-10	9.26E-07	0.00E+00	0.00E+00	2.51E-05
1853	ALL	463628.9	3772715	NonCancer	0.00E+00	7.99E-09	0.00E+00	5.64E-10	5.64E-10	2.66E-07	2.47E-05	0.00E+00	2.46E-08	0.00E+00	5.64E-10	9.12E-07	0.00E+00	0.00E+00	2.47E-05
1854	ALL	463635.8	3772731	NonCancer	0.00E+00	7.87E-09	0.00E+00	5.56E-10	5.56E-10	2.63E-07	2.43E-05	0.00E+00	2.42E-08	0.00E+00	5.56E-10	8.99E-07	0.00E+00	0.00E+00	2.43E-05
1855	ALL	463642.8	3772748	NonCancer	0.00E+00	7.77E-09	0.00E+00	5.49E-10	5.49E-10	2.59E-07	2.40E-05	0.00E+00	2.39E-08	0.00E+00	5.49E-10	8.87E-07	0.00E+00	0.00E+00	2.40E-05
1856	ALL	463649.7	3772765	NonCancer	0.00E+00	7.68E-09	0.00E+00	5.42E-10	5.42E-10	2.56E-07	2.37E-05	0.00E+00	2.36E-08	0.00E+00	5.42E-10	8.76E-07	0.00E+00	0.00E+00	2.37E-05
1857	ALL	463656.6	3772781	NonCancer	0.00E+00	7.59E-09	0.00E+00	5.36E-10	5.36E-10	2.53E-07	2.35E-05	0.00E+00	2.34E-08	0.00E+00	5.36E-10	8.66E-07	0.00E+00	0.00E+00	2.35E-05
1858	ALL	463663.6	3772798	NonCancer	0.00E+00	7.50E-09	0.00E+00	5.30E-10	5.30E-10	2.50E-07	2.32E-05	0.00E+00	2.31E-08	0.00E+00	5.30E-10	8.57E-07	0.00E+00	0.00E+00	2.32E-05
1859	ALL	463670.5	3772815	NonCancer	0.00E+00	7.43E-09	0.00E+00	5.25E-10	5.25E-10	2.48E-07	2.29E-05	0.00E+00	2.29E-08	0.00E+00	5.25E-10	8.48E-07	0.00E+00	0.00E+00	2.29E-05
1860	ALL	463677.4	3772831	NonCancer	0.00E+00	7.36E-09	0.00E+00	5.20E-10	5.20E-10	2.45E-07	2.27E-05	0.00E+00	2.26E-08	0.00E+00	5.20E-10	8.40E-07	0.00E+00	0.00E+00	2.27E-05
1861	ALL	463684.3	3772848	NonCancer	0.00E+00	7.29E-09	0.00E+00	5.15E-10	5.15E-10	2.43E-07	2.25E-05	0.00E+00	2.24E-08	0.00E+00	5.15E-10	8.32E-07	0.00E+00	0.00E+00	2.25E-05
1862	ALL	463691.3	3772864	NonCancer	0.00E+00	7.23E-09	0.00E+00	5.11E-10	5.11E-10	2.41E-07	2.23E-05	0.00E+00	2.22E-08	0.00E+00	5.11E-10	8.25E-07	0.00E+00	0.00E+00	2.23E-05
1863	ALL	463719	3772931	NonCancer	0.00E+00	7.00E-09	0.00E+00	4.95E-10	4.95E-10	2.34E-07	2.15E-05	0.00E+00	2.16E-08	0.00E+00	4.95E-10	8.00E-07	0.00E+00	0.00E+00	2.15E-05
1864	ALL	463725.9	3772948	NonCancer	0.00E+00	6.96E-09	0.00E+00	4.91E-10	4.91E-10	2.32E-07	2.13E-05	0.00E+00	2.14E-08	0.00E+00	4.91E-10	7.94E-07	0.00E+00	0.00E+00	2.13E-05
1865	ALL	463732.8	3772964	NonCancer	0.00E+00	6.91E-09	0.00E+00	4.88E-10	4.88E-10	2.30E-07	2.12E-05	0.00E+00	2.13E-08	0.00E+00	4.88E-10	7.88E-07	0.00E+00	0.00E+00	2.12E-05
1866	ALL	463739.7	3772981	NonCancer	0.00E+00	6.86E-09	0.00E+00	4.85E-10	4.85E-10	2.29E-07	2.10E-05	0.00E+00	2.11E-08	0.00E+00	4.85E-10	7.83E-07	0.00E+00	0.00E+00	2.10E-05
1867	ALL	463746.7	3772997	NonCancer	0.00E+00	6.81E-09	0.00E+00	4.81E-10	4.81E-10	2.27E-07	2.08E-05	0.00E+00	2.10E-08	0.00E+00	4.81E-10	7.78E-07	0.00E+00	0.00E+00	2.08E-05
1868	ALL	463753.6	3773014	NonCancer	0.00E+00	6.77E-09	0.00E+00	4.78E-10	4.78E-10	2.26E-07	2.07E-05	0.00E+00	2.08E-08	0.00E+00	4.78E-10	7.72E-07	0.00E+00	0.00E+00	2.07E-05
1869	ALL	463760.5	3773031	NonCancer	0.00E+00	6.72E-09	0.00E+00	4.75E-10	4.75E-10	2.24E-07	2.05E-05	0.00E+00	2.07E-08	0.00E+00	4.75E-10	7.67E-07	0.00E+00	0.00E+00	2.05E-05
1870	ALL	463767.4	3773047	NonCancer	0.00E+00	6.68E-09	0.00E+00	4.72E-10	4.72E-10	2.23E-07	2.04E-05	0.00E+00	2.06E-08	0.00E+00	4.72E-10	7.62E-07	0.00E+00	0.00E+00	2.04E-05
1871	ALL	463774.4	3773064	NonCancer	0.00E+00	6.64E-09	0.00E+00	4.69E-10	4.69E-10	2.21E-07	2.02E-05	0.00E+00	2.04E-08	0.00E+00	4.69E-10	7.57E-07	0.00E+00	0.00E+00	2.02E-05
1872	ALL	463781.3	3773081	NonCancer	0.00E+00	6.59E-09	0.00E+00	4.66E-10	4.66E-10	2.20E-07	2.01E-05	0.00E+00	2.03E-08	0.00E+00	4.66E-10	7.52E-07	0.00E+00	0.00E+00	2.01E-05
1873	ALL	463788.2	3773097	NonCancer	0.00E+00	6.55E-09	0.00E+00	4.63E-10	4.63E-10	2.18E-07	1.99E-05	0.00E+00	2.02E-08	0.00E+00	4.63E-10	7.48E-07	0.00E+00	0.00E+00	1.99E-05
1874	ALL	463795.1	3773114	NonCancer	0.00E+00	6.51E-09	0.00E+00	4.60E-10	4.60E-10	2.17E-07	1.98E-05	0.00E+00	2.00E-08	0.00E+00	4.60E-10	7.43E-07	0.00E+00	0.00E+00	1.98E-05
1875	ALL	463802.1	3773130	NonCancer	0.00E+00	6.47E-09	0.00E+00	4.57E-10	4.57E-10	2.16E-07	1.96E-05	0.00E+00	1.99E-08	0.00E+00	4.57E-10	7.38E-07	0.00E+00	0.00E+00	1.96E-05
1876	ALL	463032.4	3772319	NonCancer	0.00E+00	3.60E-09	0.00E+00	2.54E-10	2.54E-10	1.20E-07	1.19E-05	0.00E+00	1.11E-08	0.00E+00	2.54E-10	4.11E-07	0.00E+00	0.00E+00	1.19E-05
1877	ALL	463040.7	3772322	NonCancer	0.00E+00	3.66E-09	0.00E+00	2.59E-10	2.59E-10	1.22E-07	1.21E-05	0.00E+00	1.13E-08	0.00E+00	2.59E-10	4.18E-07	0.00E+00	0.00E+00	1.21E-05
1878	ALL	463049.1	3772326	NonCancer	0.00E+00	3.73E-09	0.00E+00	2.63E-10	2.63E-10	1.24E-07	1.23E-05	0.00E+00	1.15E-08	0.00E+00	2.63E-10	4.26E-07	0.00E+00	0.00E+00	1.23E-05
1879	ALL	463065.9	3772333	NonCancer	0.00E+00	3.87E-09	0.00E+00	2.73E-10	2.73E-10	1.29E-07	1.27E-05	0.00E+00	1.19E-08	0.00E+00	2.73E-10	4.42E-07	0.00E+00	0.00E+00	1.27E-05
1880	ALL	463074.2	3772336	NonCancer	0.00E+00	3.94E-09	0.00E+00	2.79E-10	2.79E-10	1.32E-07	1.29E-05	0.00E+00	1.21E-08	0.00E+00	2.79E-10	4.50E-07	0.00E+00	0.00E+00	1.29E-05
1881	ALL	463082.6	3772340	NonCancer	0.00E+00	4.02E-09	0.00E+00	2.84E-10	2.84E-10	1.34E-07	1.32E-05	0.00E+00	1.24E-08	0.00E+00	2.84E-10	4.59E-07	0.00E+00	0.00E+00	1.32E-05
1882	ALL	463091	3772343	NonCancer	0.00E+00	4.11E-09	0.00E+00	2.90E-10	2.90E-10	1.37E-07	1.34E-05	0.00E+00	1.26E-08	0.00E+00	2.90E-10	4.69E-07	0.00E+00	0.00E+00	1.34E-05
1883	ALL	463107.7	3772350	NonCancer	0.00E+00	4.28E-09	0.00E+00	3.02E-10	3.02E-10	1.43E-07	1.40E-05	0.00E+00	1.32E-08	0.00E+00	3.02E-10	4.89E-07	0.00E+00	0.00E+00	1.40E-05
1884	ALL	463116.1	3772353	NonCancer	0.00E+00	4.38E-09	0.00E+00	3.09E-10	3.09E-10	1.46E-07	1.43E-05	0.00E+00	1.35E-08	0.00E+00	3.09E-10	4.99E-07	0.00E+00	0.00E+00	1.43E-05
1885	ALL	463124.5	3772357	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.46E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.46E-05
1886	ALL	463141.2	3772364	NonCancer	0.00E+00	4.69E-09	0.00E+00	3.32E-10	3.32E-10	1.57E-07	1.53E-05	0.00E+00	1.44E-08	0.00E+00	3.32E-10	5.36E-07	0.00E+00	0.00E+00	1.53E-05
1887	ALL	463149.6	3772367	NonCancer	0.00E+00	4.81E-09	0.00E+00	3.40E-10	3.40E-10	1.60E-07	1.56E-05	0.00E+00	1.48E-08	0.00E+00	3.40E-10	5.49E-07	0.00E+00	0.00E+00	1.56E-05
1888	ALL	463158	3772371	NonCancer	0.00E+00	4.94E-09	0.00E+00	3.49E-10	3.49E-10	1.65E-07	1.60E-05	0.00E+00	1.52E-08	0.00E+00	3.49E-10	5.63E-07	0.00E+00	0.00E+00	1.60E-05

1889	ALL	463166.3	3772374	NonCancer	0.00E+00	5.07E-09	0.00E+00	3.58E-10	3.58E-10	1.69E-07	1.64E-05	0.00E+00	1.56E-08	0.00E+00	3.58E-10	5.79E-07	0.00E+00	0.00E+00	1.64E-05
1890	ALL	463183.1	3772381	NonCancer	0.00E+00	5.36E-09	0.00E+00	3.79E-10	3.79E-10	1.79E-07	1.73E-05	0.00E+00	1.65E-08	0.00E+00	3.79E-10	6.12E-07	0.00E+00	0.00E+00	1.73E-05
1891	ALL	463191.5	3772385	NonCancer	0.00E+00	5.52E-09	0.00E+00	3.90E-10	3.90E-10	1.84E-07	1.78E-05	0.00E+00	1.70E-08	0.00E+00	3.90E-10	6.30E-07	0.00E+00	0.00E+00	1.78E-05
1892	ALL	463199.8	3772388	NonCancer	0.00E+00	5.70E-09	0.00E+00	4.02E-10	4.02E-10	1.90E-07	1.84E-05	0.00E+00	1.75E-08	0.00E+00	4.02E-10	6.50E-07	0.00E+00	0.00E+00	1.84E-05
1893	ALL	463208.2	3772391	NonCancer	0.00E+00	5.88E-09	0.00E+00	4.16E-10	4.16E-10	1.96E-07	1.90E-05	0.00E+00	1.81E-08	0.00E+00	4.16E-10	6.71E-07	0.00E+00	0.00E+00	1.90E-05
1894	ALL	463224.9	3772398	NonCancer	0.00E+00	6.30E-09	0.00E+00	4.45E-10	4.45E-10	2.10E-07	2.03E-05	0.00E+00	1.94E-08	0.00E+00	4.45E-10	7.19E-07	0.00E+00	0.00E+00	2.03E-05
1895	ALL	463233.3	3772402	NonCancer	0.00E+00	6.53E-09	0.00E+00	4.62E-10	4.62E-10	2.18E-07	2.10E-05	0.00E+00	2.01E-08	0.00E+00	4.62E-10	7.46E-07	0.00E+00	0.00E+00	2.10E-05
1896	ALL	463241.7	3772405	NonCancer	0.00E+00	6.79E-09	0.00E+00	4.80E-10	4.80E-10	2.26E-07	2.18E-05	0.00E+00	2.09E-08	0.00E+00	4.80E-10	7.75E-07	0.00E+00	0.00E+00	2.18E-05
1897	ALL	463250.1	3772409	NonCancer	0.00E+00	7.06E-09	0.00E+00	4.99E-10	4.99E-10	2.36E-07	2.26E-05	0.00E+00	2.17E-08	0.00E+00	4.99E-10	8.06E-07	0.00E+00	0.00E+00	2.26E-05
1898	ALL	463266.8	3772416	NonCancer	0.00E+00	7.70E-09	0.00E+00	5.44E-10	5.44E-10	2.57E-07	2.46E-05	0.00E+00	2.37E-08	0.00E+00	5.44E-10	8.79E-07	0.00E+00	0.00E+00	2.46E-05
1899	ALL	463275.2	3772419	NonCancer	0.00E+00	8.08E-09	0.00E+00	5.71E-10	5.71E-10	2.69E-07	2.58E-05	0.00E+00	2.49E-08	0.00E+00	5.71E-10	9.22E-07	0.00E+00	0.00E+00	2.58E-05
1900	ALL	463283.6	3772422	NonCancer	0.00E+00	8.49E-09	0.00E+00	6.00E-10	6.00E-10	2.83E-07	2.71E-05	0.00E+00	2.61E-08	0.00E+00	6.00E-10	9.69E-07	0.00E+00	0.00E+00	2.71E-05
1901	ALL	463291.9	3772426	NonCancer	0.00E+00	8.95E-09	0.00E+00	6.33E-10	6.33E-10	2.99E-07	2.85E-05	0.00E+00	2.76E-08	0.00E+00	6.33E-10	1.02E-06	0.00E+00	0.00E+00	2.85E-05
1902	ALL	463308.7	3772433	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.11E-10	7.11E-10	3.36E-07	3.21E-05	0.00E+00	3.10E-08	0.00E+00	7.11E-10	1.15E-06	0.00E+00	0.00E+00	3.21E-05
1903	ALL	463317.1	3772436	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.60E-10	7.60E-10	3.59E-07	3.42E-05	0.00E+00	3.31E-08	0.00E+00	7.60E-10	1.23E-06	0.00E+00	0.00E+00	3.42E-05
1904	ALL	463442.7	3772488	NonCancer	0.00E+00	4.59E-08	0.00E+00	3.25E-09	3.25E-09	1.53E-06	1.28E-04	0.00E+00	1.41E-07	0.00E+00	3.25E-09	5.24E-06	0.00E+00	0.00E+00	1.28E-04
1905	ALL	463451	3772491	NonCancer	0.00E+00	3.41E-08	0.00E+00	2.41E-09	2.41E-09	1.14E-06	9.76E-05	0.00E+00	1.05E-07	0.00E+00	2.41E-09	3.90E-06	0.00E+00	0.00E+00	9.76E-05
1906	ALL	463467.8	3772498	NonCancer	0.00E+00	2.33E-08	0.00E+00	1.64E-09	1.64E-09	7.76E-07	6.84E-05	0.00E+00	7.16E-08	0.00E+00	1.64E-09	2.66E-06	0.00E+00	0.00E+00	6.84E-05
1907	ALL	463476.1	3772502	NonCancer	0.00E+00	2.03E-08	0.00E+00	1.44E-09	1.44E-09	6.77E-07	6.02E-05	0.00E+00	6.25E-08	0.00E+00	1.44E-09	2.32E-06	0.00E+00	0.00E+00	6.02E-05
1908	ALL	463484.5	3772505	NonCancer	0.00E+00	1.81E-08	0.00E+00	1.28E-09	1.28E-09	6.04E-07	5.41E-05	0.00E+00	5.58E-08	0.00E+00	1.28E-09	2.07E-06	0.00E+00	0.00E+00	5.41E-05
1909	ALL	463492.9	3772509	NonCancer	0.00E+00	1.64E-08	0.00E+00	1.16E-09	1.16E-09	5.47E-07	4.92E-05	0.00E+00	5.05E-08	0.00E+00	1.16E-09	1.87E-06	0.00E+00	0.00E+00	4.92E-05
1910	ALL	463509.6	3772516	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.82E-10	9.82E-10	4.64E-07	4.20E-05	0.00E+00	4.28E-08	0.00E+00	9.82E-10	1.59E-06	0.00E+00	0.00E+00	4.20E-05
1911	ALL	463518	3772519	NonCancer	0.00E+00	1.29E-08	0.00E+00	9.15E-10	9.15E-10	4.32E-07	3.92E-05	0.00E+00	3.99E-08	0.00E+00	9.15E-10	1.48E-06	0.00E+00	0.00E+00	3.92E-05
1912	ALL	463526.4	3772522	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.57E-10	8.57E-10	4.05E-07	3.68E-05	0.00E+00	3.73E-08	0.00E+00	8.57E-10	1.38E-06	0.00E+00	0.00E+00	3.68E-05
1913	ALL	463534.8	3772526	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.07E-10	8.07E-10	3.81E-07	3.48E-05	0.00E+00	3.52E-08	0.00E+00	8.07E-10	1.30E-06	0.00E+00	0.00E+00	3.48E-05
1914	ALL	463551.5	3772533	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.26E-10	7.26E-10	3.42E-07	3.14E-05	0.00E+00	3.16E-08	0.00E+00	7.26E-10	1.17E-06	0.00E+00	0.00E+00	3.14E-05
1915	ALL	463559.9	3772536	NonCancer	0.00E+00	9.79E-09	0.00E+00	6.92E-10	6.92E-10	3.26E-07	3.00E-05	0.00E+00	3.01E-08	0.00E+00	6.92E-10	1.12E-06	0.00E+00	0.00E+00	3.00E-05
1916	ALL	463568.3	3772540	NonCancer	0.00E+00	9.36E-09	0.00E+00	6.61E-10	6.61E-10	3.12E-07	2.87E-05	0.00E+00	2.88E-08	0.00E+00	6.61E-10	1.07E-06	0.00E+00	0.00E+00	2.87E-05
1917	ALL	463585	3772547	NonCancer	0.00E+00	8.62E-09	0.00E+00	6.09E-10	6.09E-10	2.88E-07	2.65E-05	0.00E+00	2.65E-08	0.00E+00	6.09E-10	9.84E-07	0.00E+00	0.00E+00	2.65E-05
1918	ALL	463593.4	3772550	NonCancer	0.00E+00	8.30E-09	0.00E+00	5.87E-10	5.87E-10	2.77E-07	2.56E-05	0.00E+00	2.56E-08	0.00E+00	5.87E-10	9.48E-07	0.00E+00	0.00E+00	2.56E-05
1919	ALL	463605.2	3772562	NonCancer	0.00E+00	7.93E-09	0.00E+00	5.61E-10	5.61E-10	2.65E-07	2.45E-05	0.00E+00	2.44E-08	0.00E+00	5.61E-10	9.05E-07	0.00E+00	0.00E+00	2.45E-05
1920	ALL	463608.7	3772570	NonCancer	0.00E+00	7.86E-09	0.00E+00	5.55E-10	5.55E-10	2.62E-07	2.42E-05	0.00E+00	2.42E-08	0.00E+00	5.55E-10	8.97E-07	0.00E+00	0.00E+00	2.42E-05
1921	ALL	463615.7	3772587	NonCancer	0.00E+00	7.72E-09	0.00E+00	5.46E-10	5.46E-10	2.58E-07	2.38E-05	0.00E+00	2.38E-08	0.00E+00	5.46E-10	8.81E-07	0.00E+00	0.00E+00	2.38E-05
1922	ALL	463622.6	3772604	NonCancer	0.00E+00	7.59E-09	0.00E+00	5.37E-10	5.37E-10	2.53E-07	2.35E-05	0.00E+00	2.34E-08	0.00E+00	5.37E-10	8.67E-07	0.00E+00	0.00E+00	2.35E-05
1923	ALL	463626.1	3772612	NonCancer	0.00E+00	7.53E-09	0.00E+00	5.32E-10	5.32E-10	2.51E-07	2.33E-05	0.00E+00	2.32E-08	0.00E+00	5.32E-10	8.60E-07	0.00E+00	0.00E+00	2.33E-05
1924	ALL	463633.1	3772629	NonCancer	0.00E+00	7.42E-09	0.00E+00	5.24E-10	5.24E-10	2.47E-07	2.29E-05	0.00E+00	2.28E-08	0.00E+00	5.24E-10	8.47E-07	0.00E+00	0.00E+00	2.29E-05
1925	ALL	463640.1	3772645	NonCancer	0.00E+00	7.32E-09	0.00E+00	5.17E-10	5.17E-10	2.44E-07	2.26E-05	0.00E+00	2.25E-08	0.00E+00	5.17E-10	8.35E-07	0.00E+00	0.00E+00	2.26E-05
1926	ALL	463647	3772662	NonCancer	0.00E+00	7.22E-09	0.00E+00	5.10E-10	5.10E-10	2.41E-07	2.23E-05	0.00E+00	2.22E-08	0.00E+00	5.10E-10	8.24E-07	0.00E+00	0.00E+00	2.23E-05
1927	ALL	463654	3772679	NonCancer	0.00E+00	7.13E-09	0.00E+00	5.04E-10	5.04E-10	2.38E-07	2.21E-05	0.00E+00	2.20E-08	0.00E+00	5.04E-10	8.14E-07	0.00E+00	0.00E+00	2.21E-05
1928	ALL	463657.5	3772687	NonCancer	0.00E+00	7.09E-09	0.00E+00	5.01E-10	5.01E-10	2.36E-07	2.20E-05	0.00E+00	2.18E-08	0.00E+00	5.01E-10	8.09E-07	0.00E+00	0.00E+00	2.20E-05
1929	ALL	463664.4	3772704	NonCancer	0.00E+00	7.01E-09	0.00E+00	4.95E-10	4.95E-10	2.34E-07	2.17E-05	0.00E+00	2.16E-08	0.00E+00	4.95E-10	8.00E-07	0.00E+00	0.00E+00	2.17E-05
1930	ALL	463671.4	3772721	NonCancer	0.00E+00	6.93E-09	0.00E+00	4.90E-10	4.90E-10	2.31E-07	2.15E-05	0.00E+00	2.14E-08	0.00E+00	4.90E-10	7.92E-07	0.00E+00	0.00E+00	2.15E-05
1931	ALL	463678.4	3772737	NonCancer	0.00E+00	6.86E-09	0.00E+00	4.85E-10	4.85E-10	2.29E-07	2.13E-05	0.00E+00	2.11E-08	0.00E+00	4.85E-10	7.84E-07	0.00E+00	0.00E+00	2.13E-05
1932	ALL	463681.8	3772746	NonCancer	0.00E+00	6.83E-09	0.00E+00	4.83E-10	4.83E-10	2.28E-07	2.11E-05	0.00E+00	2.10E-08	0.00E+00	4.83E-10	7.80E-07	0.00E+00	0.00E+00	2.11E-05
1933	ALL	463688.8	3772762	NonCancer	0.00E+00	6.77E-09	0.00E+00	4.78E-10	4.78E-10	2.26E-07	2.09E-05	0.00E+00	2.08E-08	0.00E+00	4.78E-10	7.72E-07	0.00E+00	0.00E+00	2.09E-05
1934	ALL	463695.8	3772779	NonCancer	0.00E+00	6.71E-09	0.00E+00	4.74E-10	4.74E-10	2.24E-07	2.08E-05	0.00E+00	2.07E-08	0.00E+00	4.74E-10	7.66E-07	0.00E+00	0.00E+00	2.08E-05
1935	ALL	463702.7	3772796	NonCancer	0.00E+00	6.65E-09	0.00E+00	4.70E-10	4.70E-10	2.22E-07	2.06E-05	0.00E+00	2.05E-08	0.00E+00	4.70E-10	7.59E-07	0.00E+00	0.00E+00	2.06E-05
1936	ALL	463709.7	3772813	NonCancer	0.00E+00	6.60E-09	0.00E+00	4.66E-10	4.66E-10	2.20E-07	2.04E-05	0.00E+00	2.03E-08	0.00E+00	4.66E-10	7.53E-07	0.00E+00	0.00E+00	2.04E-05
1937	ALL	463713.2	3772821	NonCancer	0.00E+00	6.58E-09	0.00E+00	4.65E-10	4.65E-10	2.19E-07	2.03E-05	0.00E+00	2.02E-08	0.00E+00	4.65E-10	7.51E-07	0.00E+00	0.00E+00	2.03E-05
1938	ALL	463720.1	3772838	NonCancer	0.00E+00	6.53E-09	0.00E+00	4.61E-10	4.61E-10	2.18E-07	2.02E-05	0.00E+00	2.01E-08	0.00E+00	4.61E-10	7.45E-07	0.00E+00	0.00E+00	2.02E-05
1939	ALL	463727.1	3772854	NonCancer	0.00E+00	6.48E-09	0.00E+00	4.58E-10	4.58E-10	2.16E-07	2.00E-05	0.00E+00	2.00E-08	0.00E+00	4.58E-10	7.40E-07	0.00E+00	0.00E+00	2.00E-05
1940	ALL	463734.1	3772871	NonCancer	0.00E+00	6.44E-09	0.00E+00	4.55E-10	4.55E-10	2.15E-07	1.99E-05	0.00E+00	1.98E-08	0.00E+00	4.55E-10	7.35E-07	0.00E+00	0.00E+00	1.99E-05
1941	ALL	463758.5	3772930	NonCancer	0.00E+00	6.29E-09	0.00E+00	4.45E-10	4.45E-10	2.10E-07	1.94E-05	0.00E+00	1.94E-08	0.00E+00	4.45E-10	7.18E-07	0.00E+00	0.00E+00	1.94E-05
1942	ALL	463761.9	3772938	NonCancer	0.00E+00	6.28E-09	0.00E+00	4.43E-10	4.43E-10	2.09E-07	1.93E-05	0.00E+00	1.93E-08	0.00E+00	4.43E-10	7.16E-07	0.00E+00	0.00E+00	1.93E-05

1943	ALL	463768.9	3772955	NonCancer	0.00E+00	6.24E-09	0.00E+00	4.41E-10	4.41E-10	2.08E-07	1.91E-05	0.00E+00	1.92E-08	0.00E+00	4.41E-10	7.12E-07	0.00E+00	0.00E+00	1.91E-05
1944	ALL	463775.9	3772971	NonCancer	0.00E+00	6.20E-09	0.00E+00	4.38E-10	4.38E-10	2.07E-07	1.90E-05	0.00E+00	1.91E-08	0.00E+00	4.38E-10	7.08E-07	0.00E+00	0.00E+00	1.90E-05
1945	ALL	463782.8	3772988	NonCancer	0.00E+00	6.16E-09	0.00E+00	4.35E-10	4.35E-10	2.05E-07	1.89E-05	0.00E+00	1.90E-08	0.00E+00	4.35E-10	7.03E-07	0.00E+00	0.00E+00	1.89E-05
1946	ALL	463789.8	3773005	NonCancer	0.00E+00	6.12E-09	0.00E+00	4.33E-10	4.33E-10	2.04E-07	1.87E-05	0.00E+00	1.89E-08	0.00E+00	4.33E-10	6.99E-07	0.00E+00	0.00E+00	1.87E-05
1947	ALL	463793.3	3773013	NonCancer	0.00E+00	6.11E-09	0.00E+00	4.31E-10	4.31E-10	2.04E-07	1.87E-05	0.00E+00	1.88E-08	0.00E+00	4.31E-10	6.97E-07	0.00E+00	0.00E+00	1.87E-05
1948	ALL	463800.2	3773030	NonCancer	0.00E+00	6.07E-09	0.00E+00	4.29E-10	4.29E-10	2.02E-07	1.86E-05	0.00E+00	1.87E-08	0.00E+00	4.29E-10	6.93E-07	0.00E+00	0.00E+00	1.86E-05
1949	ALL	463807.2	3773047	NonCancer	0.00E+00	6.03E-09	0.00E+00	4.26E-10	4.26E-10	2.01E-07	1.84E-05	0.00E+00	1.86E-08	0.00E+00	4.26E-10	6.89E-07	0.00E+00	0.00E+00	1.84E-05
1950	ALL	463814.2	3773063	NonCancer	0.00E+00	6.00E-09	0.00E+00	4.24E-10	4.24E-10	2.00E-07	1.83E-05	0.00E+00	1.85E-08	0.00E+00	4.24E-10	6.84E-07	0.00E+00	0.00E+00	1.83E-05
1951	ALL	463817.7	3773072	NonCancer	0.00E+00	5.98E-09	0.00E+00	4.22E-10	4.22E-10	1.99E-07	1.82E-05	0.00E+00	1.84E-08	0.00E+00	4.22E-10	6.82E-07	0.00E+00	0.00E+00	1.82E-05
1952	ALL	463824.6	3773088	NonCancer	0.00E+00	5.94E-09	0.00E+00	4.20E-10	4.20E-10	1.98E-07	1.81E-05	0.00E+00	1.83E-08	0.00E+00	4.20E-10	6.78E-07	0.00E+00	0.00E+00	1.81E-05
1953	ALL	463831.6	3773105	NonCancer	0.00E+00	5.91E-09	0.00E+00	4.17E-10	4.17E-10	1.97E-07	1.80E-05	0.00E+00	1.82E-08	0.00E+00	4.17E-10	6.74E-07	0.00E+00	0.00E+00	1.80E-05
1954	ALL	463838.5	3773122	NonCancer	0.00E+00	5.87E-09	0.00E+00	4.15E-10	4.15E-10	1.96E-07	1.79E-05	0.00E+00	1.81E-08	0.00E+00	4.15E-10	6.70E-07	0.00E+00	0.00E+00	1.79E-05
1955	ALL	463845.5	3773139	NonCancer	0.00E+00	5.84E-09	0.00E+00	4.12E-10	4.12E-10	1.95E-07	1.78E-05	0.00E+00	1.80E-08	0.00E+00	4.12E-10	6.66E-07	0.00E+00	0.00E+00	1.78E-05
1956	ALL	463032.1	3772279	NonCancer	0.00E+00	3.40E-09	0.00E+00	2.40E-10	2.40E-10	1.13E-07	1.12E-05	0.00E+00	1.05E-08	0.00E+00	2.40E-10	3.88E-07	0.00E+00	0.00E+00	1.12E-05
1957	ALL	463048.7	3772286	NonCancer	0.00E+00	3.52E-09	0.00E+00	2.48E-10	2.48E-10	1.17E-07	1.15E-05	0.00E+00	1.08E-08	0.00E+00	2.48E-10	4.01E-07	0.00E+00	0.00E+00	1.15E-05
1958	ALL	463065.3	3772293	NonCancer	0.00E+00	3.65E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.19E-05	0.00E+00	1.12E-08	0.00E+00	2.58E-10	4.16E-07	0.00E+00	0.00E+00	1.19E-05
1959	ALL	463073.6	3772296	NonCancer	0.00E+00	3.71E-09	0.00E+00	2.62E-10	2.62E-10	1.24E-07	1.22E-05	0.00E+00	1.14E-08	0.00E+00	2.62E-10	4.24E-07	0.00E+00	0.00E+00	1.22E-05
1960	ALL	463090.2	3772303	NonCancer	0.00E+00	3.86E-09	0.00E+00	2.73E-10	2.73E-10	1.29E-07	1.26E-05	0.00E+00	1.19E-08	0.00E+00	2.73E-10	4.41E-07	0.00E+00	0.00E+00	1.26E-05
1961	ALL	463098.5	3772306	NonCancer	0.00E+00	3.94E-09	0.00E+00	2.79E-10	2.79E-10	1.31E-07	1.29E-05	0.00E+00	1.21E-08	0.00E+00	2.79E-10	4.50E-07	0.00E+00	0.00E+00	1.29E-05
1962	ALL	463106.8	3772310	NonCancer	0.00E+00	4.03E-09	0.00E+00	2.84E-10	2.84E-10	1.34E-07	1.31E-05	0.00E+00	1.24E-08	0.00E+00	2.84E-10	4.60E-07	0.00E+00	0.00E+00	1.31E-05
1963	ALL	463123.4	3772317	NonCancer	0.00E+00	4.21E-09	0.00E+00	2.97E-10	2.97E-10	1.40E-07	1.37E-05	0.00E+00	1.30E-08	0.00E+00	2.97E-10	4.80E-07	0.00E+00	0.00E+00	1.37E-05
1964	ALL	463131.7	3772320	NonCancer	0.00E+00	4.30E-09	0.00E+00	3.04E-10	3.04E-10	1.44E-07	1.40E-05	0.00E+00	1.33E-08	0.00E+00	3.04E-10	4.91E-07	0.00E+00	0.00E+00	1.40E-05
1965	ALL	463148.3	3772327	NonCancer	0.00E+00	4.52E-09	0.00E+00	3.19E-10	3.19E-10	1.51E-07	1.47E-05	0.00E+00	1.39E-08	0.00E+00	3.19E-10	5.16E-07	0.00E+00	0.00E+00	1.47E-05
1966	ALL	463156.6	3772330	NonCancer	0.00E+00	4.64E-09	0.00E+00	3.28E-10	3.28E-10	1.55E-07	1.50E-05	0.00E+00	1.43E-08	0.00E+00	3.28E-10	5.29E-07	0.00E+00	0.00E+00	1.50E-05
1967	ALL	463173.2	3772337	NonCancer	0.00E+00	4.89E-09	0.00E+00	3.46E-10	3.46E-10	1.63E-07	1.58E-05	0.00E+00	1.51E-08	0.00E+00	3.46E-10	5.58E-07	0.00E+00	0.00E+00	1.58E-05
1968	ALL	463189.8	3772344	NonCancer	0.00E+00	5.19E-09	0.00E+00	3.66E-10	3.66E-10	1.73E-07	1.67E-05	0.00E+00	1.60E-08	0.00E+00	3.66E-10	5.92E-07	0.00E+00	0.00E+00	1.67E-05
1969	ALL	463206.5	3772351	NonCancer	0.00E+00	5.52E-09	0.00E+00	3.90E-10	3.90E-10	1.84E-07	1.78E-05	0.00E+00	1.70E-08	0.00E+00	3.90E-10	6.31E-07	0.00E+00	0.00E+00	1.78E-05
1970	ALL	463214.8	3772354	NonCancer	0.00E+00	5.71E-09	0.00E+00	4.04E-10	4.04E-10	1.91E-07	1.84E-05	0.00E+00	1.76E-08	0.00E+00	4.04E-10	6.52E-07	0.00E+00	0.00E+00	1.84E-05
1971	ALL	463231.4	3772361	NonCancer	0.00E+00	6.14E-09	0.00E+00	4.34E-10	4.34E-10	2.05E-07	1.97E-05	0.00E+00	1.89E-08	0.00E+00	4.34E-10	7.01E-07	0.00E+00	0.00E+00	1.97E-05
1972	ALL	463248	3772368	NonCancer	0.00E+00	6.64E-09	0.00E+00	4.69E-10	4.69E-10	2.22E-07	2.13E-05	0.00E+00	2.05E-08	0.00E+00	4.69E-10	7.58E-07	0.00E+00	0.00E+00	2.13E-05
1973	ALL	463256.3	3772371	NonCancer	0.00E+00	6.93E-09	0.00E+00	4.90E-10	4.90E-10	2.31E-07	2.22E-05	0.00E+00	2.14E-08	0.00E+00	4.90E-10	7.92E-07	0.00E+00	0.00E+00	2.22E-05
1974	ALL	463264.6	3772375	NonCancer	0.00E+00	7.25E-09	0.00E+00	5.13E-10	5.13E-10	2.42E-07	2.32E-05	0.00E+00	2.23E-08	0.00E+00	5.13E-10	8.28E-07	0.00E+00	0.00E+00	2.32E-05
1975	ALL	463281.2	3772382	NonCancer	0.00E+00	8.00E-09	0.00E+00	5.65E-10	5.65E-10	2.67E-07	2.55E-05	0.00E+00	2.46E-08	0.00E+00	5.65E-10	9.13E-07	0.00E+00	0.00E+00	2.55E-05
1976	ALL	463289.5	3772385	NonCancer	0.00E+00	8.44E-09	0.00E+00	5.97E-10	5.97E-10	2.82E-07	2.69E-05	0.00E+00	2.60E-08	0.00E+00	5.97E-10	9.64E-07	0.00E+00	0.00E+00	2.69E-05
1977	ALL	463306.1	3772392	NonCancer	0.00E+00	9.50E-09	0.00E+00	6.71E-10	6.71E-10	3.17E-07	3.02E-05	0.00E+00	2.93E-08	0.00E+00	6.71E-10	1.08E-06	0.00E+00	0.00E+00	3.02E-05
1978	ALL	463314.4	3772395	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.17E-10	7.17E-10	3.38E-07	3.23E-05	0.00E+00	3.12E-08	0.00E+00	7.17E-10	1.16E-06	0.00E+00	0.00E+00	3.23E-05
1979	ALL	463331	3772402	NonCancer	0.00E+00	1.18E-08	0.00E+00	8.32E-10	8.32E-10	3.93E-07	3.75E-05	0.00E+00	3.63E-08	0.00E+00	8.32E-10	1.34E-06	0.00E+00	0.00E+00	3.75E-05
1980	ALL	463339.3	3772405	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.07E-10	9.07E-10	4.28E-07	4.09E-05	0.00E+00	3.95E-08	0.00E+00	9.07E-10	1.46E-06	0.00E+00	0.00E+00	4.09E-05
1981	ALL	463355.9	3772412	NonCancer	0.00E+00	1.57E-08	0.00E+00	1.11E-09	1.11E-09	5.24E-07	5.02E-05	0.00E+00	4.84E-08	0.00E+00	1.11E-09	1.79E-06	0.00E+00	0.00E+00	5.02E-05
1982	ALL	463372.5	3772419	NonCancer	0.00E+00	2.05E-08	0.00E+00	1.45E-09	1.45E-09	6.83E-07	6.62E-05	0.00E+00	6.31E-08	0.00E+00	1.45E-09	2.34E-06	0.00E+00	0.00E+00	6.62E-05
1983	ALL	463380.8	3772423	NonCancer	0.00E+00	2.43E-08	0.00E+00	1.72E-09	1.72E-09	8.11E-07	7.93E-05	0.00E+00	7.49E-08	0.00E+00	1.72E-09	2.78E-06	0.00E+00	0.00E+00	7.93E-05
1984	ALL	463389.1	3772426	NonCancer	0.00E+00	3.02E-08	0.00E+00	2.13E-09	2.13E-09	1.01E-06	9.98E-05	0.00E+00	9.29E-08	0.00E+00	2.13E-09	3.45E-06	0.00E+00	0.00E+00	9.98E-05
1985	ALL	463488.8	3772467	NonCancer	0.00E+00	1.68E-08	0.00E+00	1.19E-09	1.19E-09	5.62E-07	5.04E-05	0.00E+00	5.19E-08	0.00E+00	1.19E-09	1.92E-06	0.00E+00	0.00E+00	5.04E-05
1986	ALL	463497.1	3772470	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.12E-07	4.61E-05	0.00E+00	4.72E-08	0.00E+00	1.08E-09	1.75E-06	0.00E+00	0.00E+00	4.61E-05
1987	ALL	463513.7	3772477	NonCancer	0.00E+00	1.31E-08	0.00E+00	9.26E-10	9.26E-10	4.37E-07	3.96E-05	0.00E+00	4.03E-08	0.00E+00	9.26E-10	1.50E-06	0.00E+00	0.00E+00	3.96E-05
1988	ALL	463530.3	3772484	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.12E-10	8.12E-10	3.83E-07	3.49E-05	0.00E+00	3.54E-08	0.00E+00	8.12E-10	1.31E-06	0.00E+00	0.00E+00	3.49E-05
1989	ALL	463538.6	3772488	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.67E-10	7.67E-10	3.62E-07	3.30E-05	0.00E+00	3.34E-08	0.00E+00	7.67E-10	1.24E-06	0.00E+00	0.00E+00	3.30E-05
1990	ALL	463546.9	3772491	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.27E-10	7.27E-10	3.43E-07	3.14E-05	0.00E+00	3.17E-08	0.00E+00	7.27E-10	1.17E-06	0.00E+00	0.00E+00	3.14E-05
1991	ALL	463563.5	3772498	NonCancer	0.00E+00	9.34E-09	0.00E+00	6.60E-10	6.60E-10	3.11E-07	2.86E-05	0.00E+00	2.87E-08	0.00E+00	6.60E-10	1.07E-06	0.00E+00	0.00E+00	2.86E-05
1992	ALL	463571.8	3772501	NonCancer	0.00E+00	8.93E-09	0.00E+00	6.31E-10	6.31E-10	2.98E-07	2.74E-05	0.00E+00	2.75E-08	0.00E+00	6.31E-10	1.02E-06	0.00E+00	0.00E+00	2.74E-05
1993	ALL	463588.4	3772508	NonCancer	0.00E+00	8.24E-09	0.00E+00	5.82E-10	5.82E-10	2.75E-07	2.53E-05	0.00E+00	2.54E-08	0.00E+00	5.82E-10	9.41E-07	0.00E+00	0.00E+00	2.53E-05
1994	ALL	463596.8	3772511	NonCancer	0.00E+00	7.94E-09	0.00E+00	5.61E-10	5.61E-10	2.65E-07	2.44E-05	0.00E+00	2.44E-08	0.00E+00	5.61E-10	9.06E-07	0.00E+00	0.00E+00	2.44E-05
1995	ALL	463613.4	3772518	NonCancer	0.00E+00	7.41E-09	0.00E+00	5.24E-10	5.24E-10	2.47E-07	2.29E-05	0.00E+00	2.28E-08	0.00E+00	5.24E-10	8.46E-07	0.00E+00	0.00E+00	2.29E-05
1996	ALL	463621.7	3772522	NonCancer	0.00E+00	7.18E-09	0.00E+00	5.07E-10	5.07E-10	2.39E-07	2.22E-05	0.00E+00	2.21E-08	0.00E+00	5.07E-10	8.20E-07	0.00E+00	0.00E+00	2.22E-05

1997	ALL	463633.4	3772533	NonCancer	0.00E+00	6.91E-09	0.00E+00	4.89E-10	4.89E-10	2.31E-07	2.14E-05	0.00E+00	2.13E-08	0.00E+00	4.89E-10	7.89E-07	0.00E+00	0.00E+00	2.14E-05
1998	ALL	463640.3	3772550	NonCancer	0.00E+00	6.82E-09	0.00E+00	4.82E-10	4.82E-10	2.28E-07	2.11E-05	0.00E+00	2.10E-08	0.00E+00	4.82E-10	7.79E-07	0.00E+00	0.00E+00	2.11E-05
1999	ALL	463647.2	3772567	NonCancer	0.00E+00	6.74E-09	0.00E+00	4.76E-10	4.76E-10	2.25E-07	2.08E-05	0.00E+00	2.07E-08	0.00E+00	4.76E-10	7.69E-07	0.00E+00	0.00E+00	2.08E-05
2000	ALL	463654.1	3772583	NonCancer	0.00E+00	6.66E-09	0.00E+00	4.70E-10	4.70E-10	2.22E-07	2.06E-05	0.00E+00	2.05E-08	0.00E+00	4.70E-10	7.60E-07	0.00E+00	0.00E+00	2.06E-05
2001	ALL	463661.1	3772600	NonCancer	0.00E+00	6.58E-09	0.00E+00	4.65E-10	4.65E-10	2.20E-07	2.04E-05	0.00E+00	2.03E-08	0.00E+00	4.65E-10	7.51E-07	0.00E+00	0.00E+00	2.04E-05
2002	ALL	463668	3772616	NonCancer	0.00E+00	6.51E-09	0.00E+00	4.60E-10	4.60E-10	2.17E-07	2.02E-05	0.00E+00	2.00E-08	0.00E+00	4.60E-10	7.43E-07	0.00E+00	0.00E+00	2.02E-05
2003	ALL	463674.9	3772633	NonCancer	0.00E+00	6.45E-09	0.00E+00	4.55E-10	4.55E-10	2.15E-07	2.00E-05	0.00E+00	1.98E-08	0.00E+00	4.55E-10	7.36E-07	0.00E+00	0.00E+00	2.00E-05
2004	ALL	463681.8	3772649	NonCancer	0.00E+00	6.38E-09	0.00E+00	4.51E-10	4.51E-10	2.13E-07	1.98E-05	0.00E+00	1.97E-08	0.00E+00	4.51E-10	7.29E-07	0.00E+00	0.00E+00	1.98E-05
2005	ALL	463688.7	3772666	NonCancer	0.00E+00	6.32E-09	0.00E+00	4.47E-10	4.47E-10	2.11E-07	1.96E-05	0.00E+00	1.95E-08	0.00E+00	4.47E-10	7.22E-07	0.00E+00	0.00E+00	1.96E-05
2006	ALL	463695.6	3772683	NonCancer	0.00E+00	6.27E-09	0.00E+00	4.43E-10	4.43E-10	2.09E-07	1.94E-05	0.00E+00	1.93E-08	0.00E+00	4.43E-10	7.15E-07	0.00E+00	0.00E+00	1.94E-05
2007	ALL	463702.5	3772699	NonCancer	0.00E+00	6.22E-09	0.00E+00	4.39E-10	4.39E-10	2.07E-07	1.93E-05	0.00E+00	1.91E-08	0.00E+00	4.39E-10	7.09E-07	0.00E+00	0.00E+00	1.93E-05
2008	ALL	463709.4	3772716	NonCancer	0.00E+00	6.17E-09	0.00E+00	4.36E-10	4.36E-10	2.06E-07	1.91E-05	0.00E+00	1.90E-08	0.00E+00	4.36E-10	7.04E-07	0.00E+00	0.00E+00	1.91E-05
2009	ALL	463716.3	3772732	NonCancer	0.00E+00	6.12E-09	0.00E+00	4.32E-10	4.32E-10	2.04E-07	1.90E-05	0.00E+00	1.88E-08	0.00E+00	4.32E-10	6.98E-07	0.00E+00	0.00E+00	1.90E-05
2010	ALL	463719.8	3772741	NonCancer	0.00E+00	6.10E-09	0.00E+00	4.31E-10	4.31E-10	2.03E-07	1.89E-05	0.00E+00	1.88E-08	0.00E+00	4.31E-10	6.96E-07	0.00E+00	0.00E+00	1.89E-05
2011	ALL	463726.7	3772757	NonCancer	0.00E+00	6.06E-09	0.00E+00	4.28E-10	4.28E-10	2.02E-07	1.88E-05	0.00E+00	1.86E-08	0.00E+00	4.28E-10	6.91E-07	0.00E+00	0.00E+00	1.88E-05
2012	ALL	463733.6	3772774	NonCancer	0.00E+00	6.02E-09	0.00E+00	4.25E-10	4.25E-10	2.01E-07	1.86E-05	0.00E+00	1.85E-08	0.00E+00	4.25E-10	6.87E-07	0.00E+00	0.00E+00	1.86E-05
2013	ALL	463740.5	3772790	NonCancer	0.00E+00	5.98E-09	0.00E+00	4.22E-10	4.22E-10	1.99E-07	1.85E-05	0.00E+00	1.84E-08	0.00E+00	4.22E-10	6.82E-07	0.00E+00	0.00E+00	1.85E-05
2014	ALL	463747.4	3772807	NonCancer	0.00E+00	5.94E-09	0.00E+00	4.20E-10	4.20E-10	1.98E-07	1.84E-05	0.00E+00	1.83E-08	0.00E+00	4.20E-10	6.78E-07	0.00E+00	0.00E+00	1.84E-05
2015	ALL	463754.3	3772824	NonCancer	0.00E+00	5.91E-09	0.00E+00	4.17E-10	4.17E-10	1.97E-07	1.83E-05	0.00E+00	1.82E-08	0.00E+00	4.17E-10	6.74E-07	0.00E+00	0.00E+00	1.83E-05
2016	ALL	463761.2	3772840	NonCancer	0.00E+00	5.88E-09	0.00E+00	4.15E-10	4.15E-10	1.96E-07	1.81E-05	0.00E+00	1.81E-08	0.00E+00	4.15E-10	6.71E-07	0.00E+00	0.00E+00	1.81E-05
2017	ALL	463768.1	3772857	NonCancer	0.00E+00	5.84E-09	0.00E+00	4.13E-10	4.13E-10	1.95E-07	1.80E-05	0.00E+00	1.80E-08	0.00E+00	4.13E-10	6.67E-07	0.00E+00	0.00E+00	1.80E-05
2018	ALL	463775	3772873	NonCancer	0.00E+00	5.81E-09	0.00E+00	4.10E-10	4.10E-10	1.94E-07	1.79E-05	0.00E+00	1.79E-08	0.00E+00	4.10E-10	6.63E-07	0.00E+00	0.00E+00	1.79E-05
2019	ALL	463802.7	3772940	NonCancer	0.00E+00	5.68E-09	0.00E+00	4.02E-10	4.02E-10	1.90E-07	1.75E-05	0.00E+00	1.75E-08	0.00E+00	4.02E-10	6.49E-07	0.00E+00	0.00E+00	1.75E-05
2020	ALL	463806.1	3772948	NonCancer	0.00E+00	5.67E-09	0.00E+00	4.00E-10	4.00E-10	1.89E-07	1.74E-05	0.00E+00	1.74E-08	0.00E+00	4.00E-10	6.47E-07	0.00E+00	0.00E+00	1.74E-05
2021	ALL	463813	3772964	NonCancer	0.00E+00	5.64E-09	0.00E+00	3.98E-10	3.98E-10	1.88E-07	1.73E-05	0.00E+00	1.74E-08	0.00E+00	3.98E-10	6.43E-07	0.00E+00	0.00E+00	1.73E-05
2022	ALL	463819.9	3772981	NonCancer	0.00E+00	5.61E-09	0.00E+00	3.96E-10	3.96E-10	1.87E-07	1.72E-05	0.00E+00	1.73E-08	0.00E+00	3.96E-10	6.40E-07	0.00E+00	0.00E+00	1.72E-05
2023	ALL	463826.8	3772998	NonCancer	0.00E+00	5.58E-09	0.00E+00	3.94E-10	3.94E-10	1.86E-07	1.71E-05	0.00E+00	1.72E-08	0.00E+00	3.94E-10	6.36E-07	0.00E+00	0.00E+00	1.71E-05
2024	ALL	463833.7	3773014	NonCancer	0.00E+00	5.55E-09	0.00E+00	3.92E-10	3.92E-10	1.85E-07	1.70E-05	0.00E+00	1.71E-08	0.00E+00	3.92E-10	6.33E-07	0.00E+00	0.00E+00	1.70E-05
2025	ALL	463840.6	3773031	NonCancer	0.00E+00	5.52E-09	0.00E+00	3.90E-10	3.90E-10	1.84E-07	1.69E-05	0.00E+00	1.70E-08	0.00E+00	3.90E-10	6.30E-07	0.00E+00	0.00E+00	1.69E-05
2026	ALL	463847.5	3773047	NonCancer	0.00E+00	5.48E-09	0.00E+00	3.88E-10	3.88E-10	1.83E-07	1.68E-05	0.00E+00	1.69E-08	0.00E+00	3.88E-10	6.26E-07	0.00E+00	0.00E+00	1.68E-05
2027	ALL	463854.5	3773064	NonCancer	0.00E+00	5.45E-09	0.00E+00	3.85E-10	3.85E-10	1.82E-07	1.67E-05	0.00E+00	1.68E-08	0.00E+00	3.85E-10	6.22E-07	0.00E+00	0.00E+00	1.67E-05
2028	ALL	463861.4	3773081	NonCancer	0.00E+00	5.42E-09	0.00E+00	3.83E-10	3.83E-10	1.81E-07	1.66E-05	0.00E+00	1.67E-08	0.00E+00	3.83E-10	6.19E-07	0.00E+00	0.00E+00	1.66E-05
2029	ALL	463868.3	3773097	NonCancer	0.00E+00	5.39E-09	0.00E+00	3.81E-10	3.81E-10	1.80E-07	1.65E-05	0.00E+00	1.66E-08	0.00E+00	3.81E-10	6.16E-07	0.00E+00	0.00E+00	1.65E-05
2030	ALL	463875.2	3773114	NonCancer	0.00E+00	5.36E-09	0.00E+00	3.79E-10	3.79E-10	1.79E-07	1.64E-05	0.00E+00	1.65E-08	0.00E+00	3.79E-10	6.12E-07	0.00E+00	0.00E+00	1.64E-05
2031	ALL	463882.1	3773130	NonCancer	0.00E+00	5.33E-09	0.00E+00	3.77E-10	3.77E-10	1.78E-07	1.63E-05	0.00E+00	1.64E-08	0.00E+00	3.77E-10	6.09E-07	0.00E+00	0.00E+00	1.63E-05
2032	ALL	463107.2	3772270	NonCancer	0.00E+00	3.79E-09	0.00E+00	2.68E-10	2.68E-10	1.26E-07	1.23E-05	0.00E+00	1.17E-08	0.00E+00	2.68E-10	4.33E-07	0.00E+00	0.00E+00	1.23E-05
2033	ALL	463123.9	3772277	NonCancer	0.00E+00	3.96E-09	0.00E+00	2.80E-10	2.80E-10	1.32E-07	1.29E-05	0.00E+00	1.22E-08	0.00E+00	2.80E-10	4.52E-07	0.00E+00	0.00E+00	1.29E-05
2034	ALL	463132.3	3772280	NonCancer	0.00E+00	4.05E-09	0.00E+00	2.86E-10	2.86E-10	1.35E-07	1.32E-05	0.00E+00	1.25E-08	0.00E+00	2.86E-10	4.62E-07	0.00E+00	0.00E+00	1.32E-05
2035	ALL	463140.6	3772284	NonCancer	0.00E+00	4.15E-09	0.00E+00	2.93E-10	2.93E-10	1.38E-07	1.35E-05	0.00E+00	1.28E-08	0.00E+00	2.93E-10	4.74E-07	0.00E+00	0.00E+00	1.35E-05
2036	ALL	463157.3	3772291	NonCancer	0.00E+00	4.36E-09	0.00E+00	3.08E-10	3.08E-10	1.45E-07	1.41E-05	0.00E+00	1.34E-08	0.00E+00	3.08E-10	4.98E-07	0.00E+00	0.00E+00	1.41E-05
2037	ALL	463165.7	3772294	NonCancer	0.00E+00	4.48E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.45E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.45E-05
2038	ALL	463174	3772297	NonCancer	0.00E+00	4.60E-09	0.00E+00	3.25E-10	3.25E-10	1.54E-07	1.49E-05	0.00E+00	1.42E-08	0.00E+00	3.25E-10	5.26E-07	0.00E+00	0.00E+00	1.49E-05
2039	ALL	463190.7	3772304	NonCancer	0.00E+00	4.88E-09	0.00E+00	3.45E-10	3.45E-10	1.63E-07	1.57E-05	0.00E+00	1.50E-08	0.00E+00	3.45E-10	5.57E-07	0.00E+00	0.00E+00	1.57E-05
2040	ALL	463199.1	3772308	NonCancer	0.00E+00	5.04E-09	0.00E+00	3.56E-10	3.56E-10	1.68E-07	1.62E-05	0.00E+00	1.55E-08	0.00E+00	3.56E-10	5.75E-07	0.00E+00	0.00E+00	1.62E-05
2041	ALL	463207.4	3772311	NonCancer	0.00E+00	5.21E-09	0.00E+00	3.68E-10	3.68E-10	1.74E-07	1.67E-05	0.00E+00	1.60E-08	0.00E+00	3.68E-10	5.94E-07	0.00E+00	0.00E+00	1.67E-05
2042	ALL	463224.1	3772318	NonCancer	0.00E+00	5.59E-09	0.00E+00	3.95E-10	3.95E-10	1.86E-07	1.79E-05	0.00E+00	1.72E-08	0.00E+00	3.95E-10	6.38E-07	0.00E+00	0.00E+00	1.79E-05
2043	ALL	463232.5	3772321	NonCancer	0.00E+00	5.80E-09	0.00E+00	4.10E-10	4.10E-10	1.94E-07	1.86E-05	0.00E+00	1.79E-08	0.00E+00	4.10E-10	6.62E-07	0.00E+00	0.00E+00	1.86E-05
2044	ALL	463240.8	3772325	NonCancer	0.00E+00	6.04E-09	0.00E+00	4.27E-10	4.27E-10	2.01E-07	1.93E-05	0.00E+00	1.86E-08	0.00E+00	4.27E-10	6.89E-07	0.00E+00	0.00E+00	1.93E-05
2045	ALL	463257.5	3772332	NonCancer	0.00E+00	6.58E-09	0.00E+00	4.65E-10	4.65E-10	2.20E-07	2.10E-05	0.00E+00	2.03E-08	0.00E+00	4.65E-10	7.51E-07	0.00E+00	0.00E+00	2.10E-05
2046	ALL	463265.9	3772335	NonCancer	0.00E+00	6.90E-09	0.00E+00	4.88E-10	4.88E-10	2.30E-07	2.20E-05	0.00E+00	2.12E-08	0.00E+00	4.88E-10	7.88E-07	0.00E+00	0.00E+00	2.20E-05
2047	ALL	463274.2	3772339	NonCancer	0.00E+00	7.25E-09	0.00E+00	5.12E-10	5.12E-10	2.42E-07	2.31E-05	0.00E+00	2.23E-08	0.00E+00	5.12E-10	8.28E-07	0.00E+00	0.00E+00	2.31E-05
2048	ALL	463290.9	3772346	NonCancer	0.00E+00	8.09E-09	0.00E+00	5.72E-10	5.72E-10	2.70E-07	2.58E-05	0.00E+00	2.49E-08	0.00E+00	5.72E-10	9.23E-07	0.00E+00	0.00E+00	2.58E-05
2049	ALL	463299.2	3772349	NonCancer	0.00E+00	8.59E-09	0.00E+00	6.07E-10	6.07E-10	2.87E-07	2.74E-05	0.00E+00	2.65E-08	0.00E+00	6.07E-10	9.81E-07	0.00E+00	0.00E+00	2.74E-05
2050	ALL	463307.6	3772352	NonCancer	0.00E+00	9.17E-09	0.00E+00	6.48E-10	6.48E-10	3.06E-07	2.92E-05	0.00E+00	2.82E-08	0.00E+00	6.48E-10	1.05E-06	0.00E+00	0.00E+00	2.92E-05

2051	ALL	463324.3	3772359	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.50E-10	7.50E-10	3.54E-07	3.38E-05	0.00E+00	3.27E-08	0.00E+00	7.50E-10	1.21E-06	0.00E+00	0.00E+00	3.38E-05
2052	ALL	463332.6	3772363	NonCancer	0.00E+00	1.15E-08	0.00E+00	8.14E-10	8.14E-10	3.84E-07	3.67E-05	0.00E+00	3.55E-08	0.00E+00	8.14E-10	1.32E-06	0.00E+00	0.00E+00	3.67E-05
2053	ALL	463341	3772366	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.92E-10	8.92E-10	4.21E-07	4.02E-05	0.00E+00	3.89E-08	0.00E+00	8.92E-10	1.44E-06	0.00E+00	0.00E+00	4.02E-05
2054	ALL	463357.7	3772373	NonCancer	0.00E+00	1.57E-08	0.00E+00	1.11E-09	1.11E-09	5.22E-07	5.01E-05	0.00E+00	4.82E-08	0.00E+00	1.11E-09	1.79E-06	0.00E+00	0.00E+00	5.01E-05
2055	ALL	463366	3772376	NonCancer	0.00E+00	1.78E-08	0.00E+00	1.26E-09	1.26E-09	5.95E-07	5.74E-05	0.00E+00	5.49E-08	0.00E+00	1.26E-09	2.04E-06	0.00E+00	0.00E+00	5.74E-05
2056	ALL	463374.4	3772380	NonCancer	0.00E+00	2.08E-08	0.00E+00	1.47E-09	1.47E-09	6.94E-07	6.73E-05	0.00E+00	6.41E-08	0.00E+00	1.47E-09	2.38E-06	0.00E+00	0.00E+00	6.73E-05
2057	ALL	463391.1	3772387	NonCancer	0.00E+00	3.17E-08	0.00E+00	2.24E-09	2.24E-09	1.06E-06	1.05E-04	0.00E+00	9.76E-08	0.00E+00	2.24E-09	3.62E-06	0.00E+00	0.00E+00	1.05E-04
2058	ALL	463399.4	3772390	NonCancer	0.00E+00	4.40E-08	0.00E+00	3.11E-09	3.11E-09	1.47E-06	1.51E-04	0.00E+00	1.35E-07	0.00E+00	3.11E-09	5.02E-06	0.00E+00	0.00E+00	1.51E-04
2059	ALL	463407.8	3772394	NonCancer	0.00E+00	5.62E-08	0.00E+00	3.97E-09	3.97E-09	1.88E-06	1.82E-04	0.00E+00	1.73E-07	0.00E+00	3.97E-09	6.42E-06	0.00E+00	0.00E+00	1.82E-04
2060	ALL	463591.4	3772469	NonCancer	0.00E+00	7.87E-09	0.00E+00	5.56E-10	5.56E-10	2.63E-07	2.42E-05	0.00E+00	2.42E-08	0.00E+00	5.56E-10	8.98E-07	0.00E+00	0.00E+00	2.42E-05
2061	ALL	463599.8	3772473	NonCancer	0.00E+00	7.58E-09	0.00E+00	5.36E-10	5.36E-10	2.53E-07	2.33E-05	0.00E+00	2.33E-08	0.00E+00	5.36E-10	8.66E-07	0.00E+00	0.00E+00	2.33E-05
2062	ALL	463608.1	3772476	NonCancer	0.00E+00	7.32E-09	0.00E+00	5.17E-10	5.17E-10	2.44E-07	2.26E-05	0.00E+00	2.25E-08	0.00E+00	5.17E-10	8.36E-07	0.00E+00	0.00E+00	2.26E-05
2063	ALL	463624.8	3772483	NonCancer	0.00E+00	6.86E-09	0.00E+00	4.85E-10	4.85E-10	2.29E-07	2.12E-05	0.00E+00	2.11E-08	0.00E+00	4.85E-10	7.83E-07	0.00E+00	0.00E+00	2.12E-05
2064	ALL	463633.2	3772486	NonCancer	0.00E+00	6.65E-09	0.00E+00	4.70E-10	4.70E-10	2.22E-07	2.05E-05	0.00E+00	2.05E-08	0.00E+00	4.70E-10	7.59E-07	0.00E+00	0.00E+00	2.05E-05
2065	ALL	463641.5	3772490	NonCancer	0.00E+00	6.46E-09	0.00E+00	4.56E-10	4.56E-10	2.15E-07	2.00E-05	0.00E+00	1.99E-08	0.00E+00	4.56E-10	7.37E-07	0.00E+00	0.00E+00	2.00E-05
2066	ALL	463661.7	3772505	NonCancer	0.00E+00	6.09E-09	0.00E+00	4.30E-10	4.30E-10	2.03E-07	1.89E-05	0.00E+00	1.87E-08	0.00E+00	4.30E-10	6.95E-07	0.00E+00	0.00E+00	1.89E-05
2067	ALL	463665.1	3772513	NonCancer	0.00E+00	6.06E-09	0.00E+00	4.28E-10	4.28E-10	2.02E-07	1.88E-05	0.00E+00	1.87E-08	0.00E+00	4.28E-10	6.92E-07	0.00E+00	0.00E+00	1.88E-05
2068	ALL	463672.1	3772530	NonCancer	0.00E+00	6.00E-09	0.00E+00	4.24E-10	4.24E-10	2.00E-07	1.86E-05	0.00E+00	1.85E-08	0.00E+00	4.24E-10	6.85E-07	0.00E+00	0.00E+00	1.86E-05
2069	ALL	463675.6	3772538	NonCancer	0.00E+00	5.98E-09	0.00E+00	4.22E-10	4.22E-10	1.99E-07	1.85E-05	0.00E+00	1.84E-08	0.00E+00	4.22E-10	6.82E-07	0.00E+00	0.00E+00	1.85E-05
2070	ALL	463682.5	3772555	NonCancer	0.00E+00	5.93E-09	0.00E+00	4.19E-10	4.19E-10	1.98E-07	1.84E-05	0.00E+00	1.82E-08	0.00E+00	4.19E-10	6.76E-07	0.00E+00	0.00E+00	1.84E-05
2071	ALL	463686	3772563	NonCancer	0.00E+00	5.90E-09	0.00E+00	4.17E-10	4.17E-10	1.97E-07	1.83E-05	0.00E+00	1.82E-08	0.00E+00	4.17E-10	6.74E-07	0.00E+00	0.00E+00	1.83E-05
2072	ALL	463692.9	3772580	NonCancer	0.00E+00	5.85E-09	0.00E+00	4.14E-10	4.14E-10	1.95E-07	1.82E-05	0.00E+00	1.80E-08	0.00E+00	4.14E-10	6.68E-07	0.00E+00	0.00E+00	1.82E-05
2073	ALL	463696.4	3772588	NonCancer	0.00E+00	5.83E-09	0.00E+00	4.12E-10	4.12E-10	1.94E-07	1.81E-05	0.00E+00	1.79E-08	0.00E+00	4.12E-10	6.65E-07	0.00E+00	0.00E+00	1.81E-05
2074	ALL	463703.3	3772605	NonCancer	0.00E+00	5.78E-09	0.00E+00	4.09E-10	4.09E-10	1.93E-07	1.80E-05	0.00E+00	1.78E-08	0.00E+00	4.09E-10	6.60E-07	0.00E+00	0.00E+00	1.80E-05
2075	ALL	463706.8	3772613	NonCancer	0.00E+00	5.76E-09	0.00E+00	4.07E-10	4.07E-10	1.92E-07	1.79E-05	0.00E+00	1.77E-08	0.00E+00	4.07E-10	6.58E-07	0.00E+00	0.00E+00	1.79E-05
2076	ALL	463713.7	3772630	NonCancer	0.00E+00	5.73E-09	0.00E+00	4.05E-10	4.05E-10	1.91E-07	1.78E-05	0.00E+00	1.76E-08	0.00E+00	4.05E-10	6.53E-07	0.00E+00	0.00E+00	1.78E-05
2077	ALL	463717.2	3772638	NonCancer	0.00E+00	5.71E-09	0.00E+00	4.03E-10	4.03E-10	1.90E-07	1.77E-05	0.00E+00	1.76E-08	0.00E+00	4.03E-10	6.51E-07	0.00E+00	0.00E+00	1.77E-05
2078	ALL	463724.2	3772655	NonCancer	0.00E+00	5.67E-09	0.00E+00	4.00E-10	4.00E-10	1.89E-07	1.76E-05	0.00E+00	1.74E-08	0.00E+00	4.00E-10	6.47E-07	0.00E+00	0.00E+00	1.76E-05
2079	ALL	463727.6	3772663	NonCancer	0.00E+00	5.65E-09	0.00E+00	3.99E-10	3.99E-10	1.88E-07	1.75E-05	0.00E+00	1.74E-08	0.00E+00	3.99E-10	6.45E-07	0.00E+00	0.00E+00	1.75E-05
2080	ALL	463734.6	3772680	NonCancer	0.00E+00	5.61E-09	0.00E+00	3.96E-10	3.96E-10	1.87E-07	1.74E-05	0.00E+00	1.73E-08	0.00E+00	3.96E-10	6.40E-07	0.00E+00	0.00E+00	1.74E-05
2081	ALL	463738	3772688	NonCancer	0.00E+00	5.59E-09	0.00E+00	3.95E-10	3.95E-10	1.87E-07	1.74E-05	0.00E+00	1.72E-08	0.00E+00	3.95E-10	6.38E-07	0.00E+00	0.00E+00	1.74E-05
2082	ALL	463745	3772705	NonCancer	0.00E+00	5.56E-09	0.00E+00	3.93E-10	3.93E-10	1.85E-07	1.72E-05	0.00E+00	1.71E-08	0.00E+00	3.93E-10	6.34E-07	0.00E+00	0.00E+00	1.72E-05
2083	ALL	463748.5	3772713	NonCancer	0.00E+00	5.54E-09	0.00E+00	3.92E-10	3.92E-10	1.85E-07	1.72E-05	0.00E+00	1.71E-08	0.00E+00	3.92E-10	6.33E-07	0.00E+00	0.00E+00	1.72E-05
2084	ALL	463755.4	3772730	NonCancer	0.00E+00	5.51E-09	0.00E+00	3.89E-10	3.89E-10	1.84E-07	1.71E-05	0.00E+00	1.70E-08	0.00E+00	3.89E-10	6.29E-07	0.00E+00	0.00E+00	1.71E-05
2085	ALL	463758.9	3772738	NonCancer	0.00E+00	5.50E-09	0.00E+00	3.88E-10	3.88E-10	1.83E-07	1.70E-05	0.00E+00	1.69E-08	0.00E+00	3.88E-10	6.28E-07	0.00E+00	0.00E+00	1.70E-05
2086	ALL	463765.8	3772755	NonCancer	0.00E+00	5.47E-09	0.00E+00	3.86E-10	3.86E-10	1.82E-07	1.70E-05	0.00E+00	1.68E-08	0.00E+00	3.86E-10	6.24E-07	0.00E+00	0.00E+00	1.70E-05
2087	ALL	463769.3	3772763	NonCancer	0.00E+00	5.45E-09	0.00E+00	3.85E-10	3.85E-10	1.82E-07	1.69E-05	0.00E+00	1.68E-08	0.00E+00	3.85E-10	6.23E-07	0.00E+00	0.00E+00	1.69E-05
2088	ALL	463776.2	3772780	NonCancer	0.00E+00	5.43E-09	0.00E+00	3.83E-10	3.83E-10	1.81E-07	1.68E-05	0.00E+00	1.67E-08	0.00E+00	3.83E-10	6.19E-07	0.00E+00	0.00E+00	1.68E-05
2089	ALL	463779.7	3772788	NonCancer	0.00E+00	5.41E-09	0.00E+00	3.82E-10	3.82E-10	1.80E-07	1.68E-05	0.00E+00	1.67E-08	0.00E+00	3.82E-10	6.18E-07	0.00E+00	0.00E+00	1.68E-05
2090	ALL	463786.7	3772805	NonCancer	0.00E+00	5.39E-09	0.00E+00	3.81E-10	3.81E-10	1.80E-07	1.67E-05	0.00E+00	1.66E-08	0.00E+00	3.81E-10	6.15E-07	0.00E+00	0.00E+00	1.67E-05
2091	ALL	463790.1	3772813	NonCancer	0.00E+00	5.37E-09	0.00E+00	3.80E-10	3.80E-10	1.79E-07	1.66E-05	0.00E+00	1.65E-08	0.00E+00	3.80E-10	6.13E-07	0.00E+00	0.00E+00	1.66E-05
2092	ALL	463797.1	3772830	NonCancer	0.00E+00	5.35E-09	0.00E+00	3.78E-10	3.78E-10	1.78E-07	1.65E-05	0.00E+00	1.65E-08	0.00E+00	3.78E-10	6.11E-07	0.00E+00	0.00E+00	1.65E-05
2093	ALL	463800.5	3772838	NonCancer	0.00E+00	5.34E-09	0.00E+00	3.77E-10	3.77E-10	1.78E-07	1.65E-05	0.00E+00	1.64E-08	0.00E+00	3.77E-10	6.09E-07	0.00E+00	0.00E+00	1.65E-05
2094	ALL	463807.5	3772855	NonCancer	0.00E+00	5.31E-09	0.00E+00	3.75E-10	3.75E-10	1.77E-07	1.64E-05	0.00E+00	1.64E-08	0.00E+00	3.75E-10	6.06E-07	0.00E+00	0.00E+00	1.64E-05
2095	ALL	463811	3772863	NonCancer	0.00E+00	5.30E-09	0.00E+00	3.74E-10	3.74E-10	1.77E-07	1.64E-05	0.00E+00	1.63E-08	0.00E+00	3.74E-10	6.05E-07	0.00E+00	0.00E+00	1.64E-05
2096	ALL	463838.7	3772930	NonCancer	0.00E+00	5.20E-09	0.00E+00	3.67E-10	3.67E-10	1.73E-07	1.60E-05	0.00E+00	1.60E-08	0.00E+00	3.67E-10	5.93E-07	0.00E+00	0.00E+00	1.60E-05
2097	ALL	463842.2	3772938	NonCancer	0.00E+00	5.19E-09	0.00E+00	3.66E-10	3.66E-10	1.73E-07	1.59E-05	0.00E+00	1.60E-08	0.00E+00	3.66E-10	5.92E-07	0.00E+00	0.00E+00	1.59E-05
2098	ALL	463849.1	3772955	NonCancer	0.00E+00	5.16E-09	0.00E+00	3.65E-10	3.65E-10	1.72E-07	1.59E-05	0.00E+00	1.59E-08	0.00E+00	3.65E-10	5.89E-07	0.00E+00	0.00E+00	1.59E-05
2099	ALL	463852.6	3772963	NonCancer	0.00E+00	5.15E-09	0.00E+00	3.64E-10	3.64E-10	1.72E-07	1.58E-05	0.00E+00	1.59E-08	0.00E+00	3.64E-10	5.88E-07	0.00E+00	0.00E+00	1.58E-05
2100	ALL	463859.6	3772980	NonCancer	0.00E+00	5.12E-09	0.00E+00	3.62E-10	3.62E-10	1.71E-07	1.57E-05	0.00E+00	1.58E-08	0.00E+00	3.62E-10	5.85E-07	0.00E+00	0.00E+00	1.57E-05
2101	ALL	463863	3772988	NonCancer	0.00E+00	5.11E-09	0.00E+00	3.61E-10	3.61E-10	1.70E-07	1.57E-05	0.00E+00	1.57E-08	0.00E+00	3.61E-10	5.83E-07	0.00E+00	0.00E+00	1.57E-05
2102	ALL	463870	3773005	NonCancer	0.00E+00	5.08E-09	0.00E+00	3.59E-10	3.59E-10	1.70E-07	1.56E-05	0.00E+00	1.57E-08	0.00E+00	3.59E-10	5.80E-07	0.00E+00	0.00E+00	1.56E-05
2103	ALL	463873.4	3773013	NonCancer	0.00E+00	5.07E-09	0.00E+00	3.58E-10	3.58E-10	1.69E-07	1.55E-05	0.00E+00	1.56E-08	0.00E+00	3.58E-10	5.79E-07	0.00E+00	0.00E+00	1.55E-05
2104	ALL	463880.4	3773030	NonCancer	0.00E+00	5.05E-09	0.00E+00	3.57E-10	3.57E-10	1.68E-07	1.55E-05	0.00E+00	1.55E-08	0.00E+00	3.57E-10	5.76E-07	0.00E+00	0.00E+00	1.55E-05

2105	ALL	463887.3	3773047	NonCancer	0.00E+00	5.02E-09	0.00E+00	3.55E-10	3.55E-10	1.67E-07	1.54E-05	0.00E+00	1.55E-08	0.00E+00	3.55E-10	5.73E-07	0.00E+00	0.00E+00	1.54E-05
2106	ALL	463890.8	3773055	NonCancer	0.00E+00	5.01E-09	0.00E+00	3.54E-10	3.54E-10	1.67E-07	1.53E-05	0.00E+00	1.54E-08	0.00E+00	3.54E-10	5.71E-07	0.00E+00	0.00E+00	1.53E-05
2107	ALL	463897.7	3773072	NonCancer	0.00E+00	4.98E-09	0.00E+00	3.52E-10	3.52E-10	1.66E-07	1.52E-05	0.00E+00	1.53E-08	0.00E+00	3.52E-10	5.69E-07	0.00E+00	0.00E+00	1.52E-05
2108	ALL	463901.2	3773080	NonCancer	0.00E+00	4.97E-09	0.00E+00	3.51E-10	3.51E-10	1.66E-07	1.52E-05	0.00E+00	1.53E-08	0.00E+00	3.51E-10	5.67E-07	0.00E+00	0.00E+00	1.52E-05
2109	ALL	463908.2	3773097	NonCancer	0.00E+00	4.94E-09	0.00E+00	3.49E-10	3.49E-10	1.65E-07	1.51E-05	0.00E+00	1.52E-08	0.00E+00	3.49E-10	5.64E-07	0.00E+00	0.00E+00	1.51E-05
2110	ALL	463911.6	3773105	NonCancer	0.00E+00	4.93E-09	0.00E+00	3.48E-10	3.48E-10	1.64E-07	1.51E-05	0.00E+00	1.52E-08	0.00E+00	3.48E-10	5.63E-07	0.00E+00	0.00E+00	1.51E-05
2111	ALL	463918.6	3773122	NonCancer	0.00E+00	4.90E-09	0.00E+00	3.46E-10	3.46E-10	1.64E-07	1.50E-05	0.00E+00	1.51E-08	0.00E+00	3.46E-10	5.60E-07	0.00E+00	0.00E+00	1.50E-05
2112	ALL	463922	3773130	NonCancer	0.00E+00	4.89E-09	0.00E+00	3.46E-10	3.46E-10	1.63E-07	1.49E-05	0.00E+00	1.51E-08	0.00E+00	3.46E-10	5.58E-07	0.00E+00	0.00E+00	1.49E-05
2113	ALL	463208.3	3772272	NonCancer	0.00E+00	4.86E-09	0.00E+00	3.44E-10	3.44E-10	1.62E-07	1.56E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.55E-07	0.00E+00	0.00E+00	1.56E-05
2114	ALL	463216.7	3772275	NonCancer	0.00E+00	5.03E-09	0.00E+00	3.56E-10	3.56E-10	1.68E-07	1.62E-05	0.00E+00	1.55E-08	0.00E+00	3.56E-10	5.74E-07	0.00E+00	0.00E+00	1.62E-05
2115	ALL	463225.1	3772278	NonCancer	0.00E+00	5.22E-09	0.00E+00	3.69E-10	3.69E-10	1.74E-07	1.67E-05	0.00E+00	1.61E-08	0.00E+00	3.69E-10	5.96E-07	0.00E+00	0.00E+00	1.67E-05
2116	ALL	463233.5	3772282	NonCancer	0.00E+00	5.42E-09	0.00E+00	3.83E-10	3.83E-10	1.81E-07	1.74E-05	0.00E+00	1.67E-08	0.00E+00	3.83E-10	6.19E-07	0.00E+00	0.00E+00	1.74E-05
2117	ALL	463250.2	3772289	NonCancer	0.00E+00	5.89E-09	0.00E+00	4.16E-10	4.16E-10	1.97E-07	1.88E-05	0.00E+00	1.81E-08	0.00E+00	4.16E-10	6.73E-07	0.00E+00	0.00E+00	1.88E-05
2118	ALL	463258.6	3772292	NonCancer	0.00E+00	6.17E-09	0.00E+00	4.36E-10	4.36E-10	2.06E-07	1.97E-05	0.00E+00	1.90E-08	0.00E+00	4.36E-10	7.04E-07	0.00E+00	0.00E+00	1.97E-05
2119	ALL	463267	3772296	NonCancer	0.00E+00	6.47E-09	0.00E+00	4.57E-10	4.57E-10	2.16E-07	2.07E-05	0.00E+00	1.99E-08	0.00E+00	4.57E-10	7.39E-07	0.00E+00	0.00E+00	2.07E-05
2120	ALL	463275.4	3772299	NonCancer	0.00E+00	6.81E-09	0.00E+00	4.82E-10	4.82E-10	2.27E-07	2.17E-05	0.00E+00	2.10E-08	0.00E+00	4.82E-10	7.78E-07	0.00E+00	0.00E+00	2.17E-05
2121	ALL	463283.8	3772303	NonCancer	0.00E+00	7.20E-09	0.00E+00	5.09E-10	5.09E-10	2.40E-07	2.29E-05	0.00E+00	2.22E-08	0.00E+00	5.09E-10	8.22E-07	0.00E+00	0.00E+00	2.29E-05
2122	ALL	463292.2	3772306	NonCancer	0.00E+00	7.64E-09	0.00E+00	5.40E-10	5.40E-10	2.55E-07	2.43E-05	0.00E+00	2.35E-08	0.00E+00	5.40E-10	8.72E-07	0.00E+00	0.00E+00	2.43E-05
2123	ALL	463300.6	3772310	NonCancer	0.00E+00	8.14E-09	0.00E+00	5.75E-10	5.75E-10	2.71E-07	2.59E-05	0.00E+00	2.51E-08	0.00E+00	5.75E-10	9.29E-07	0.00E+00	0.00E+00	2.59E-05
2124	ALL	463309	3772313	NonCancer	0.00E+00	8.72E-09	0.00E+00	6.16E-10	6.16E-10	2.91E-07	2.77E-05	0.00E+00	2.68E-08	0.00E+00	6.16E-10	9.95E-07	0.00E+00	0.00E+00	2.77E-05
2125	ALL	463317.3	3772316	NonCancer	0.00E+00	9.39E-09	0.00E+00	6.63E-10	6.63E-10	3.13E-07	2.99E-05	0.00E+00	2.89E-08	0.00E+00	6.63E-10	1.07E-06	0.00E+00	0.00E+00	2.99E-05
2126	ALL	463325.7	3772320	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.19E-10	7.19E-10	3.39E-07	3.24E-05	0.00E+00	3.13E-08	0.00E+00	7.19E-10	1.16E-06	0.00E+00	0.00E+00	3.24E-05
2127	ALL	463334.1	3772323	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.85E-10	7.85E-10	3.71E-07	3.54E-05	0.00E+00	3.42E-08	0.00E+00	7.85E-10	1.27E-06	0.00E+00	0.00E+00	3.54E-05
2128	ALL	463342.5	3772327	NonCancer	0.00E+00	1.23E-08	0.00E+00	8.66E-10	8.66E-10	4.09E-07	3.91E-05	0.00E+00	3.77E-08	0.00E+00	8.66E-10	1.40E-06	0.00E+00	0.00E+00	3.91E-05
2129	ALL	463350.9	3772330	NonCancer	0.00E+00	1.37E-08	0.00E+00	9.65E-10	9.65E-10	4.55E-07	4.36E-05	0.00E+00	4.20E-08	0.00E+00	9.65E-10	1.56E-06	0.00E+00	0.00E+00	4.36E-05
2130	ALL	463359.3	3772334	NonCancer	0.00E+00	1.54E-08	0.00E+00	1.09E-09	1.09E-09	5.14E-07	4.94E-05	0.00E+00	4.75E-08	0.00E+00	1.09E-09	1.76E-06	0.00E+00	0.00E+00	4.94E-05
2131	ALL	463367.7	3772337	NonCancer	0.00E+00	1.78E-08	0.00E+00	1.26E-09	1.26E-09	5.93E-07	5.72E-05	0.00E+00	5.47E-08	0.00E+00	1.26E-09	2.03E-06	0.00E+00	0.00E+00	5.72E-05
2132	ALL	463376.1	3772341	NonCancer	0.00E+00	2.10E-08	0.00E+00	1.48E-09	1.48E-09	7.00E-07	6.81E-05	0.00E+00	6.46E-08	0.00E+00	1.48E-09	2.40E-06	0.00E+00	0.00E+00	6.81E-05
2133	ALL	463392.8	3772348	NonCancer	0.00E+00	3.32E-08	0.00E+00	2.34E-09	2.34E-09	1.11E-06	1.11E-04	0.00E+00	1.02E-07	0.00E+00	2.34E-09	3.79E-06	0.00E+00	0.00E+00	1.11E-04
2134	ALL	463401.2	3772351	NonCancer	0.00E+00	4.79E-08	0.00E+00	3.38E-09	3.38E-09	1.60E-06	1.67E-04	0.00E+00	1.47E-07	0.00E+00	3.38E-09	5.47E-06	0.00E+00	0.00E+00	1.67E-04
2135	ALL	463689.9	3772477	NonCancer	0.00E+00	5.39E-09	0.00E+00	3.81E-10	3.81E-10	1.80E-07	1.67E-05	0.00E+00	1.66E-08	0.00E+00	3.81E-10	6.15E-07	0.00E+00	0.00E+00	1.67E-05
2136	ALL	463693.4	3772485	NonCancer	0.00E+00	5.37E-09	0.00E+00	3.80E-10	3.80E-10	1.79E-07	1.67E-05	0.00E+00	1.65E-08	0.00E+00	3.80E-10	6.13E-07	0.00E+00	0.00E+00	1.67E-05
2137	ALL	463700.4	3772502	NonCancer	0.00E+00	5.34E-09	0.00E+00	3.78E-10	3.78E-10	1.78E-07	1.66E-05	0.00E+00	1.65E-08	0.00E+00	3.78E-10	6.10E-07	0.00E+00	0.00E+00	1.66E-05
2138	ALL	463707.4	3772519	NonCancer	0.00E+00	5.32E-09	0.00E+00	3.76E-10	3.76E-10	1.77E-07	1.65E-05	0.00E+00	1.64E-08	0.00E+00	3.76E-10	6.07E-07	0.00E+00	0.00E+00	1.65E-05
2139	ALL	463714.3	3772535	NonCancer	0.00E+00	5.29E-09	0.00E+00	3.74E-10	3.74E-10	1.76E-07	1.64E-05	0.00E+00	1.63E-08	0.00E+00	3.74E-10	6.04E-07	0.00E+00	0.00E+00	1.64E-05
2140	ALL	463721.3	3772552	NonCancer	0.00E+00	5.26E-09	0.00E+00	3.72E-10	3.72E-10	1.75E-07	1.63E-05	0.00E+00	1.62E-08	0.00E+00	3.72E-10	6.00E-07	0.00E+00	0.00E+00	1.63E-05
2141	ALL	463728.3	3772569	NonCancer	0.00E+00	5.23E-09	0.00E+00	3.70E-10	3.70E-10	1.75E-07	1.63E-05	0.00E+00	1.61E-08	0.00E+00	3.70E-10	5.97E-07	0.00E+00	0.00E+00	1.63E-05
2142	ALL	463735.3	3772586	NonCancer	0.00E+00	5.21E-09	0.00E+00	3.68E-10	3.68E-10	1.74E-07	1.62E-05	0.00E+00	1.60E-08	0.00E+00	3.68E-10	5.94E-07	0.00E+00	0.00E+00	1.62E-05
2143	ALL	463742.2	3772602	NonCancer	0.00E+00	5.18E-09	0.00E+00	3.66E-10	3.66E-10	1.73E-07	1.61E-05	0.00E+00	1.60E-08	0.00E+00	3.66E-10	5.91E-07	0.00E+00	0.00E+00	1.61E-05
2144	ALL	463749.2	3772619	NonCancer	0.00E+00	5.15E-09	0.00E+00	3.64E-10	3.64E-10	1.72E-07	1.60E-05	0.00E+00	1.59E-08	0.00E+00	3.64E-10	5.88E-07	0.00E+00	0.00E+00	1.60E-05
2145	ALL	463756.2	3772636	NonCancer	0.00E+00	5.13E-09	0.00E+00	3.62E-10	3.62E-10	1.71E-07	1.59E-05	0.00E+00	1.58E-08	0.00E+00	3.62E-10	5.85E-07	0.00E+00	0.00E+00	1.59E-05
2146	ALL	463763.2	3772653	NonCancer	0.00E+00	5.11E-09	0.00E+00	3.61E-10	3.61E-10	1.70E-07	1.59E-05	0.00E+00	1.57E-08	0.00E+00	3.61E-10	5.83E-07	0.00E+00	0.00E+00	1.59E-05
2147	ALL	463770.1	3772669	NonCancer	0.00E+00	5.09E-09	0.00E+00	3.59E-10	3.59E-10	1.70E-07	1.58E-05	0.00E+00	1.57E-08	0.00E+00	3.59E-10	5.80E-07	0.00E+00	0.00E+00	1.58E-05
2148	ALL	463777.1	3772686	NonCancer	0.00E+00	5.06E-09	0.00E+00	3.58E-10	3.58E-10	1.69E-07	1.57E-05	0.00E+00	1.56E-08	0.00E+00	3.58E-10	5.78E-07	0.00E+00	0.00E+00	1.57E-05
2149	ALL	463784.1	3772703	NonCancer	0.00E+00	5.04E-09	0.00E+00	3.56E-10	3.56E-10	1.68E-07	1.56E-05	0.00E+00	1.55E-08	0.00E+00	3.56E-10	5.75E-07	0.00E+00	0.00E+00	1.56E-05
2150	ALL	463791.1	3772720	NonCancer	0.00E+00	5.02E-09	0.00E+00	3.55E-10	3.55E-10	1.67E-07	1.56E-05	0.00E+00	1.55E-08	0.00E+00	3.55E-10	5.73E-07	0.00E+00	0.00E+00	1.56E-05
2151	ALL	463798.1	3772736	NonCancer	0.00E+00	5.00E-09	0.00E+00	3.53E-10	3.53E-10	1.67E-07	1.55E-05	0.00E+00	1.54E-08	0.00E+00	3.53E-10	5.71E-07	0.00E+00	0.00E+00	1.55E-05
2152	ALL	463805	3772753	NonCancer	0.00E+00	4.98E-09	0.00E+00	3.52E-10	3.52E-10	1.66E-07	1.54E-05	0.00E+00	1.53E-08	0.00E+00	3.52E-10	5.68E-07	0.00E+00	0.00E+00	1.54E-05
2153	ALL	463812	3772770	NonCancer	0.00E+00	4.96E-09	0.00E+00	3.50E-10	3.50E-10	1.65E-07	1.54E-05	0.00E+00	1.53E-08	0.00E+00	3.50E-10	5.66E-07	0.00E+00	0.00E+00	1.54E-05
2154	ALL	463819	3772787	NonCancer	0.00E+00	4.94E-09	0.00E+00	3.49E-10	3.49E-10	1.65E-07	1.53E-05	0.00E+00	1.52E-08	0.00E+00	3.49E-10	5.64E-07	0.00E+00	0.00E+00	1.53E-05
2155	ALL	463826	3772803	NonCancer	0.00E+00	4.92E-09	0.00E+00	3.48E-10	3.48E-10	1.64E-07	1.52E-05	0.00E+00	1.51E-08	0.00E+00	3.48E-10	5.62E-07	0.00E+00	0.00E+00	1.52E-05
2156	ALL	463832.9	3772820	NonCancer	0.00E+00	4.90E-09	0.00E+00	3.46E-10	3.46E-10	1.63E-07	1.52E-05	0.00E+00	1.51E-08	0.00E+00	3.46E-10	5.59E-07	0.00E+00	0.00E+00	1.52E-05
2157	ALL	463839.9	3772837	NonCancer	0.00E+00	4.88E-09	0.00E+00	3.45E-10	3.45E-10	1.63E-07	1.51E-05	0.00E+00	1.50E-08	0.00E+00	3.45E-10	5.57E-07	0.00E+00	0.00E+00	1.51E-05
2158	ALL	463846.9	3772854	NonCancer	0.00E+00	4.86E-09	0.00E+00	3.44E-10	3.44E-10	1.62E-07	1.50E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.55E-07	0.00E+00	0.00E+00	1.50E-05

2159	ALL	463853.9	3772870	NonCancer	0.00E+00	4.84E-09	0.00E+00	3.42E-10	3.42E-10	1.61E-07	1.49E-05	0.00E+00	1.49E-08	0.00E+00	3.42E-10	5.53E-07	0.00E+00	0.00E+00	1.49E-05
2160	ALL	463885.3	3772946	NonCancer	0.00E+00	4.75E-09	0.00E+00	3.36E-10	3.36E-10	1.58E-07	1.46E-05	0.00E+00	1.46E-08	0.00E+00	3.36E-10	5.42E-07	0.00E+00	0.00E+00	1.46E-05
2161	ALL	463892.2	3772962	NonCancer	0.00E+00	4.73E-09	0.00E+00	3.34E-10	3.34E-10	1.58E-07	1.45E-05	0.00E+00	1.46E-08	0.00E+00	3.34E-10	5.40E-07	0.00E+00	0.00E+00	1.45E-05
2162	ALL	463899.2	3772979	NonCancer	0.00E+00	4.71E-09	0.00E+00	3.33E-10	3.33E-10	1.57E-07	1.45E-05	0.00E+00	1.45E-08	0.00E+00	3.33E-10	5.37E-07	0.00E+00	0.00E+00	1.45E-05
2163	ALL	463906.2	3772996	NonCancer	0.00E+00	4.68E-09	0.00E+00	3.31E-10	3.31E-10	1.56E-07	1.44E-05	0.00E+00	1.44E-08	0.00E+00	3.31E-10	5.34E-07	0.00E+00	0.00E+00	1.44E-05
2164	ALL	463913.2	3773013	NonCancer	0.00E+00	4.66E-09	0.00E+00	3.30E-10	3.30E-10	1.56E-07	1.43E-05	0.00E+00	1.44E-08	0.00E+00	3.30E-10	5.32E-07	0.00E+00	0.00E+00	1.43E-05
2165	ALL	463920.2	3773029	NonCancer	0.00E+00	4.64E-09	0.00E+00	3.28E-10	3.28E-10	1.55E-07	1.42E-05	0.00E+00	1.43E-08	0.00E+00	3.28E-10	5.30E-07	0.00E+00	0.00E+00	1.42E-05
2166	ALL	463927.1	3773046	NonCancer	0.00E+00	4.62E-09	0.00E+00	3.27E-10	3.27E-10	1.54E-07	1.42E-05	0.00E+00	1.42E-08	0.00E+00	3.27E-10	5.28E-07	0.00E+00	0.00E+00	1.42E-05
2167	ALL	463934.1	3773063	NonCancer	0.00E+00	4.60E-09	0.00E+00	3.25E-10	3.25E-10	1.54E-07	1.41E-05	0.00E+00	1.42E-08	0.00E+00	3.25E-10	5.25E-07	0.00E+00	0.00E+00	1.41E-05
2168	ALL	463941.1	3773080	NonCancer	0.00E+00	4.58E-09	0.00E+00	3.23E-10	3.23E-10	1.53E-07	1.40E-05	0.00E+00	1.41E-08	0.00E+00	3.23E-10	5.23E-07	0.00E+00	0.00E+00	1.40E-05
2169	ALL	463948.1	3773096	NonCancer	0.00E+00	4.55E-09	0.00E+00	3.22E-10	3.22E-10	1.52E-07	1.39E-05	0.00E+00	1.40E-08	0.00E+00	3.22E-10	5.20E-07	0.00E+00	0.00E+00	1.39E-05
2170	ALL	463955	3773113	NonCancer	0.00E+00	4.53E-09	0.00E+00	3.20E-10	3.20E-10	1.51E-07	1.38E-05	0.00E+00	1.39E-08	0.00E+00	3.20E-10	5.17E-07	0.00E+00	0.00E+00	1.38E-05
2171	ALL	463962	3773130	NonCancer	0.00E+00	4.51E-09	0.00E+00	3.19E-10	3.19E-10	1.50E-07	1.38E-05	0.00E+00	1.39E-08	0.00E+00	3.19E-10	5.15E-07	0.00E+00	0.00E+00	1.38E-05
2172	ALL	463290	3772265	NonCancer	0.00E+00	6.88E-09	0.00E+00	4.86E-10	4.86E-10	2.29E-07	2.19E-05	0.00E+00	2.12E-08	0.00E+00	4.86E-10	7.85E-07	0.00E+00	0.00E+00	2.19E-05
2173	ALL	463298.3	3772269	NonCancer	0.00E+00	7.32E-09	0.00E+00	5.17E-10	5.17E-10	2.44E-07	2.33E-05	0.00E+00	2.25E-08	0.00E+00	5.17E-10	8.36E-07	0.00E+00	0.00E+00	2.33E-05
2174	ALL	463315	3772276	NonCancer	0.00E+00	8.43E-09	0.00E+00	5.96E-10	5.96E-10	2.81E-07	2.69E-05	0.00E+00	2.60E-08	0.00E+00	5.96E-10	9.63E-07	0.00E+00	0.00E+00	2.69E-05
2175	ALL	463323.3	3772279	NonCancer	0.00E+00	9.14E-09	0.00E+00	6.46E-10	6.46E-10	3.05E-07	2.91E-05	0.00E+00	2.82E-08	0.00E+00	6.46E-10	1.04E-06	0.00E+00	0.00E+00	2.91E-05
2176	ALL	463340	3772286	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.80E-10	7.80E-10	3.68E-07	3.52E-05	0.00E+00	3.40E-08	0.00E+00	7.80E-10	1.26E-06	0.00E+00	0.00E+00	3.52E-05
2177	ALL	463348.3	3772289	NonCancer	0.00E+00	1.23E-08	0.00E+00	8.70E-10	8.70E-10	4.11E-07	3.94E-05	0.00E+00	3.79E-08	0.00E+00	8.70E-10	1.41E-06	0.00E+00	0.00E+00	3.94E-05
2178	ALL	463356.6	3772293	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.85E-10	9.85E-10	4.65E-07	4.47E-05	0.00E+00	4.29E-08	0.00E+00	9.85E-10	1.59E-06	0.00E+00	0.00E+00	4.47E-05
2179	ALL	463373.3	3772300	NonCancer	0.00E+00	1.89E-08	0.00E+00	1.34E-09	1.34E-09	6.30E-07	6.12E-05	0.00E+00	5.82E-08	0.00E+00	1.34E-09	2.16E-06	0.00E+00	0.00E+00	6.12E-05
2180	ALL	463381.6	3772303	NonCancer	0.00E+00	2.30E-08	0.00E+00	1.62E-09	1.62E-09	7.66E-07	7.51E-05	0.00E+00	7.07E-08	0.00E+00	1.62E-09	2.62E-06	0.00E+00	0.00E+00	7.51E-05
2181	ALL	463398.2	3772310	NonCancer	0.00E+00	4.05E-08	0.00E+00	2.86E-09	2.86E-09	1.35E-06	1.39E-04	0.00E+00	1.25E-07	0.00E+00	2.86E-09	4.63E-06	0.00E+00	0.00E+00	1.39E-04
2182	ALL	463406.6	3772313	NonCancer	0.00E+00	5.91E-08	0.00E+00	4.18E-09	4.18E-09	1.97E-06	2.05E-04	0.00E+00	1.82E-07	0.00E+00	4.18E-09	6.75E-06	0.00E+00	0.00E+00	2.05E-04
2183	ALL	463732	3772482	NonCancer	0.00E+00	4.77E-09	0.00E+00	3.37E-10	3.37E-10	1.59E-07	1.48E-05	0.00E+00	1.47E-08	0.00E+00	3.37E-10	5.45E-07	0.00E+00	0.00E+00	1.48E-05
2184	ALL	463738.9	3772498	NonCancer	0.00E+00	4.76E-09	0.00E+00	3.37E-10	3.37E-10	1.59E-07	1.48E-05	0.00E+00	1.47E-08	0.00E+00	3.37E-10	5.44E-07	0.00E+00	0.00E+00	1.48E-05
2185	ALL	463745.8	3772515	NonCancer	0.00E+00	4.75E-09	0.00E+00	3.36E-10	3.36E-10	1.59E-07	1.48E-05	0.00E+00	1.46E-08	0.00E+00	3.36E-10	5.43E-07	0.00E+00	0.00E+00	1.48E-05
2186	ALL	463752.7	3772532	NonCancer	0.00E+00	4.74E-09	0.00E+00	3.35E-10	3.35E-10	1.58E-07	1.47E-05	0.00E+00	1.46E-08	0.00E+00	3.35E-10	5.41E-07	0.00E+00	0.00E+00	1.47E-05
2187	ALL	463759.7	3772548	NonCancer	0.00E+00	4.73E-09	0.00E+00	3.34E-10	3.34E-10	1.58E-07	1.47E-05	0.00E+00	1.46E-08	0.00E+00	3.34E-10	5.40E-07	0.00E+00	0.00E+00	1.47E-05
2188	ALL	463766.6	3772565	NonCancer	0.00E+00	4.72E-09	0.00E+00	3.33E-10	3.33E-10	1.57E-07	1.47E-05	0.00E+00	1.45E-08	0.00E+00	3.33E-10	5.38E-07	0.00E+00	0.00E+00	1.47E-05
2189	ALL	463773.5	3772581	NonCancer	0.00E+00	4.70E-09	0.00E+00	3.32E-10	3.32E-10	1.57E-07	1.46E-05	0.00E+00	1.45E-08	0.00E+00	3.32E-10	5.37E-07	0.00E+00	0.00E+00	1.46E-05
2190	ALL	463780.4	3772598	NonCancer	0.00E+00	4.69E-09	0.00E+00	3.31E-10	3.31E-10	1.56E-07	1.46E-05	0.00E+00	1.44E-08	0.00E+00	3.31E-10	5.35E-07	0.00E+00	0.00E+00	1.46E-05
2191	ALL	463787.4	3772615	NonCancer	0.00E+00	4.67E-09	0.00E+00	3.30E-10	3.30E-10	1.56E-07	1.45E-05	0.00E+00	1.44E-08	0.00E+00	3.30E-10	5.33E-07	0.00E+00	0.00E+00	1.45E-05
2192	ALL	463794.3	3772631	NonCancer	0.00E+00	4.66E-09	0.00E+00	3.29E-10	3.29E-10	1.55E-07	1.45E-05	0.00E+00	1.43E-08	0.00E+00	3.29E-10	5.32E-07	0.00E+00	0.00E+00	1.45E-05
2193	ALL	463801.2	3772648	NonCancer	0.00E+00	4.65E-09	0.00E+00	3.28E-10	3.28E-10	1.55E-07	1.44E-05	0.00E+00	1.43E-08	0.00E+00	3.28E-10	5.30E-07	0.00E+00	0.00E+00	1.44E-05
2194	ALL	463808.1	3772665	NonCancer	0.00E+00	4.63E-09	0.00E+00	3.27E-10	3.27E-10	1.55E-07	1.44E-05	0.00E+00	1.43E-08	0.00E+00	3.27E-10	5.29E-07	0.00E+00	0.00E+00	1.44E-05
2195	ALL	463815.1	3772681	NonCancer	0.00E+00	4.62E-09	0.00E+00	3.27E-10	3.27E-10	1.54E-07	1.44E-05	0.00E+00	1.42E-08	0.00E+00	3.27E-10	5.28E-07	0.00E+00	0.00E+00	1.44E-05
2196	ALL	463822	3772698	NonCancer	0.00E+00	4.61E-09	0.00E+00	3.26E-10	3.26E-10	1.54E-07	1.43E-05	0.00E+00	1.42E-08	0.00E+00	3.26E-10	5.26E-07	0.00E+00	0.00E+00	1.43E-05
2197	ALL	463828.9	3772714	NonCancer	0.00E+00	4.59E-09	0.00E+00	3.25E-10	3.25E-10	1.53E-07	1.43E-05	0.00E+00	1.41E-08	0.00E+00	3.25E-10	5.24E-07	0.00E+00	0.00E+00	1.43E-05
2198	ALL	463835.8	3772731	NonCancer	0.00E+00	4.58E-09	0.00E+00	3.24E-10	3.24E-10	1.53E-07	1.42E-05	0.00E+00	1.41E-08	0.00E+00	3.24E-10	5.23E-07	0.00E+00	0.00E+00	1.42E-05
2199	ALL	463842.8	3772748	NonCancer	0.00E+00	4.56E-09	0.00E+00	3.22E-10	3.22E-10	1.52E-07	1.42E-05	0.00E+00	1.41E-08	0.00E+00	3.22E-10	5.21E-07	0.00E+00	0.00E+00	1.42E-05
2200	ALL	463849.7	3772764	NonCancer	0.00E+00	4.55E-09	0.00E+00	3.21E-10	3.21E-10	1.52E-07	1.41E-05	0.00E+00	1.40E-08	0.00E+00	3.21E-10	5.19E-07	0.00E+00	0.00E+00	1.41E-05
2201	ALL	463856.6	3772781	NonCancer	0.00E+00	4.54E-09	0.00E+00	3.21E-10	3.21E-10	1.51E-07	1.41E-05	0.00E+00	1.40E-08	0.00E+00	3.21E-10	5.18E-07	0.00E+00	0.00E+00	1.41E-05
2202	ALL	463863.6	3772798	NonCancer	0.00E+00	4.52E-09	0.00E+00	3.20E-10	3.20E-10	1.51E-07	1.40E-05	0.00E+00	1.39E-08	0.00E+00	3.20E-10	5.16E-07	0.00E+00	0.00E+00	1.40E-05
2203	ALL	463870.5	3772814	NonCancer	0.00E+00	4.51E-09	0.00E+00	3.18E-10	3.18E-10	1.50E-07	1.39E-05	0.00E+00	1.39E-08	0.00E+00	3.18E-10	5.14E-07	0.00E+00	0.00E+00	1.39E-05
2204	ALL	463877.4	3772831	NonCancer	0.00E+00	4.49E-09	0.00E+00	3.17E-10	3.17E-10	1.50E-07	1.39E-05	0.00E+00	1.38E-08	0.00E+00	3.17E-10	5.12E-07	0.00E+00	0.00E+00	1.39E-05
2205	ALL	463884.3	3772847	NonCancer	0.00E+00	4.47E-09	0.00E+00	3.16E-10	3.16E-10	1.49E-07	1.38E-05	0.00E+00	1.38E-08	0.00E+00	3.16E-10	5.11E-07	0.00E+00	0.00E+00	1.38E-05
2206	ALL	463891.3	3772864	NonCancer	0.00E+00	4.46E-09	0.00E+00	3.15E-10	3.15E-10	1.49E-07	1.38E-05	0.00E+00	1.37E-08	0.00E+00	3.15E-10	5.09E-07	0.00E+00	0.00E+00	1.38E-05
2207	ALL	463925.9	3772947	NonCancer	0.00E+00	4.38E-09	0.00E+00	3.09E-10	3.09E-10	1.46E-07	1.35E-05	0.00E+00	1.35E-08	0.00E+00	3.09E-10	5.00E-07	0.00E+00	0.00E+00	1.35E-05
2208	ALL	463932.8	3772964	NonCancer	0.00E+00	4.36E-09	0.00E+00	3.08E-10	3.08E-10	1.45E-07	1.34E-05	0.00E+00	1.34E-08	0.00E+00	3.08E-10	4.98E-07	0.00E+00	0.00E+00	1.34E-05
2209	ALL	463939.7	3772980	NonCancer	0.00E+00	4.34E-09	0.00E+00	3.07E-10	3.07E-10	1.45E-07	1.33E-05	0.00E+00	1.34E-08	0.00E+00	3.07E-10	4.95E-07	0.00E+00	0.00E+00	1.33E-05
2210	ALL	463946.7	3772997	NonCancer	0.00E+00	4.32E-09	0.00E+00	3.05E-10	3.05E-10	1.44E-07	1.33E-05	0.00E+00	1.33E-08	0.00E+00	3.05E-10	4.93E-07	0.00E+00	0.00E+00	1.33E-05
2211	ALL	463953.6	3773014	NonCancer	0.00E+00	4.31E-09	0.00E+00	3.04E-10	3.04E-10	1.44E-07	1.32E-05	0.00E+00	1.33E-08	0.00E+00	3.04E-10	4.91E-07	0.00E+00	0.00E+00	1.32E-05
2212	ALL	463960.5	3773030	NonCancer	0.00E+00	4.29E-09	0.00E+00	3.03E-10	3.03E-10	1.43E-07	1.32E-05	0.00E+00	1.32E-08	0.00E+00	3.03E-10	4.90E-07	0.00E+00	0.00E+00	1.32E-05

2213	ALL	463967.4	3773047	NonCancer	0.00E+00	4.27E-09	0.00E+00	3.02E-10	3.02E-10	1.43E-07	1.31E-05	0.00E+00	1.32E-08	0.00E+00	3.02E-10	4.88E-07	0.00E+00	0.00E+00	1.31E-05
2214	ALL	463974.4	3773064	NonCancer	0.00E+00	4.26E-09	0.00E+00	3.01E-10	3.01E-10	1.42E-07	1.30E-05	0.00E+00	1.31E-08	0.00E+00	3.01E-10	4.86E-07	0.00E+00	0.00E+00	1.30E-05
2215	ALL	463981.3	3773080	NonCancer	0.00E+00	4.23E-09	0.00E+00	2.99E-10	2.99E-10	1.41E-07	1.30E-05	0.00E+00	1.30E-08	0.00E+00	2.99E-10	4.83E-07	0.00E+00	0.00E+00	1.30E-05
2216	ALL	463988.2	3773097	NonCancer	0.00E+00	4.21E-09	0.00E+00	2.98E-10	2.98E-10	1.40E-07	1.29E-05	0.00E+00	1.30E-08	0.00E+00	2.98E-10	4.81E-07	0.00E+00	0.00E+00	1.29E-05
2217	ALL	463995.1	3773113	NonCancer	0.00E+00	4.19E-09	0.00E+00	2.96E-10	2.96E-10	1.40E-07	1.28E-05	0.00E+00	1.29E-08	0.00E+00	2.96E-10	4.78E-07	0.00E+00	0.00E+00	1.28E-05
2218	ALL	464002.1	3773130	NonCancer	0.00E+00	4.17E-09	0.00E+00	2.95E-10	2.95E-10	1.39E-07	1.28E-05	0.00E+00	1.28E-08	0.00E+00	2.95E-10	4.76E-07	0.00E+00	0.00E+00	1.28E-05
2219	ALL	462198.7	3773225	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.60E-10	1.60E-10	7.53E-08	7.93E-06	0.00E+00	6.95E-09	0.00E+00	1.60E-10	2.58E-07	0.00E+00	0.00E+00	7.93E-06
2220	ALL	462198.8	3773235	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.60E-10	1.60E-10	7.53E-08	7.93E-06	0.00E+00	6.96E-09	0.00E+00	1.60E-10	2.58E-07	0.00E+00	0.00E+00	7.93E-06
2221	ALL	462198.9	3773245	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.60E-10	1.60E-10	7.53E-08	7.91E-06	0.00E+00	6.95E-09	0.00E+00	1.60E-10	2.58E-07	0.00E+00	0.00E+00	7.91E-06
2222	ALL	462158.7	3773225	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.05E-08	7.39E-06	0.00E+00	6.51E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	7.39E-06
2223	ALL	462158.8	3773235	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.05E-08	7.37E-06	0.00E+00	6.51E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	7.37E-06
2224	ALL	462158.9	3773245	NonCancer	0.00E+00	2.11E-09	0.00E+00	1.49E-10	1.49E-10	7.05E-08	7.37E-06	0.00E+00	6.51E-09	0.00E+00	1.49E-10	2.41E-07	0.00E+00	0.00E+00	7.37E-06
2225	ALL	462900.6	3773281	NonCancer	0.00E+00	2.53E-08	0.00E+00	1.79E-09	1.79E-09	8.44E-07	1.06E-04	0.00E+00	7.79E-08	0.00E+00	1.79E-09	2.89E-06	0.00E+00	0.00E+00	1.06E-04
2226	ALL	462900.6	3773291	NonCancer	0.00E+00	2.40E-08	0.00E+00	1.70E-09	1.70E-09	8.02E-07	9.94E-05	0.00E+00	7.40E-08	0.00E+00	1.70E-09	2.74E-06	0.00E+00	0.00E+00	9.94E-05
2227	ALL	462892.2	3773287	NonCancer	0.00E+00	2.28E-08	0.00E+00	1.61E-09	1.61E-09	7.60E-07	9.47E-05	0.00E+00	7.02E-08	0.00E+00	1.61E-09	2.60E-06	0.00E+00	0.00E+00	9.47E-05
2228	ALL	462883.1	3773283	NonCancer	0.00E+00	2.16E-08	0.00E+00	1.53E-09	1.53E-09	7.21E-07	9.03E-05	0.00E+00	6.66E-08	0.00E+00	1.53E-09	2.47E-06	0.00E+00	0.00E+00	9.03E-05
2229	ALL	462900.6	3773301	NonCancer	0.00E+00	2.29E-08	0.00E+00	1.61E-09	1.61E-09	7.62E-07	9.32E-05	0.00E+00	7.03E-08	0.00E+00	1.61E-09	2.61E-06	0.00E+00	0.00E+00	9.32E-05
2230	ALL	462892.2	3773297	NonCancer	0.00E+00	2.18E-08	0.00E+00	1.54E-09	1.54E-09	7.25E-07	8.92E-05	0.00E+00	6.70E-08	0.00E+00	1.54E-09	2.48E-06	0.00E+00	0.00E+00	8.92E-05
2231	ALL	462883.7	3773294	NonCancer	0.00E+00	2.07E-08	0.00E+00	1.46E-09	1.46E-09	6.90E-07	8.53E-05	0.00E+00	6.37E-08	0.00E+00	1.46E-09	2.36E-06	0.00E+00	0.00E+00	8.53E-05
2232	ALL	462875.5	3773288	NonCancer	0.00E+00	1.99E-08	0.00E+00	1.41E-09	1.41E-09	6.64E-07	8.25E-05	0.00E+00	6.13E-08	0.00E+00	1.41E-09	2.27E-06	0.00E+00	0.00E+00	8.25E-05
2233	ALL	462871.9	3773280	NonCancer	0.00E+00	2.00E-08	0.00E+00	1.41E-09	1.41E-09	6.66E-07	8.35E-05	0.00E+00	6.15E-08	0.00E+00	1.41E-09	2.28E-06	0.00E+00	0.00E+00	8.35E-05
2234	ALL	462909.1	3773314	NonCancer	0.00E+00	2.27E-08	0.00E+00	1.60E-09	1.60E-09	7.56E-07	9.09E-05	0.00E+00	6.98E-08	0.00E+00	1.60E-09	2.59E-06	0.00E+00	0.00E+00	9.09E-05
2235	ALL	462900.6	3773311	NonCancer	0.00E+00	2.17E-08	0.00E+00	1.53E-09	1.53E-09	7.24E-07	8.76E-05	0.00E+00	6.68E-08	0.00E+00	1.53E-09	2.48E-06	0.00E+00	0.00E+00	8.76E-05
2236	ALL	462892.2	3773307	NonCancer	0.00E+00	2.08E-08	0.00E+00	1.47E-09	1.47E-09	6.92E-07	8.42E-05	0.00E+00	6.39E-08	0.00E+00	1.47E-09	2.37E-06	0.00E+00	0.00E+00	8.42E-05
2237	ALL	462883.7	3773304	NonCancer	0.00E+00	1.98E-08	0.00E+00	1.40E-09	1.40E-09	6.62E-07	8.08E-05	0.00E+00	6.11E-08	0.00E+00	1.40E-09	2.26E-06	0.00E+00	0.00E+00	8.08E-05
2238	ALL	462875.3	3773300	NonCancer	0.00E+00	1.89E-08	0.00E+00	1.34E-09	1.34E-09	6.32E-07	7.74E-05	0.00E+00	5.83E-08	0.00E+00	1.34E-09	2.16E-06	0.00E+00	0.00E+00	7.74E-05
2239	ALL	462867.9	3773294	NonCancer	0.00E+00	1.84E-08	0.00E+00	1.30E-09	1.30E-09	6.14E-07	7.57E-05	0.00E+00	5.67E-08	0.00E+00	1.30E-09	2.10E-06	0.00E+00	0.00E+00	7.57E-05
2240	ALL	462864.3	3773285	NonCancer	0.00E+00	1.85E-08	0.00E+00	1.31E-09	1.31E-09	6.16E-07	7.66E-05	0.00E+00	5.69E-08	0.00E+00	1.31E-09	2.11E-06	0.00E+00	0.00E+00	7.66E-05
2241	ALL	462909.1	3773324	NonCancer	0.00E+00	2.14E-08	0.00E+00	1.52E-09	1.52E-09	7.15E-07	8.50E-05	0.00E+00	6.60E-08	0.00E+00	1.52E-09	2.45E-06	0.00E+00	0.00E+00	8.50E-05
2242	ALL	462900.6	3773321	NonCancer	0.00E+00	2.06E-08	0.00E+00	1.46E-09	1.46E-09	6.88E-07	8.23E-05	0.00E+00	6.35E-08	0.00E+00	1.46E-09	2.35E-06	0.00E+00	0.00E+00	8.23E-05
2243	ALL	462892.2	3773317	NonCancer	0.00E+00	1.98E-08	0.00E+00	1.40E-09	1.40E-09	6.60E-07	7.94E-05	0.00E+00	6.10E-08	0.00E+00	1.40E-09	2.26E-06	0.00E+00	0.00E+00	7.94E-05
2244	ALL	462883.7	3773314	NonCancer	0.00E+00	1.90E-08	0.00E+00	1.34E-09	1.34E-09	6.34E-07	7.65E-05	0.00E+00	5.85E-08	0.00E+00	1.34E-09	2.17E-06	0.00E+00	0.00E+00	7.65E-05
2245	ALL	462875.3	3773310	NonCancer	0.00E+00	1.82E-08	0.00E+00	1.29E-09	1.29E-09	6.07E-07	7.36E-05	0.00E+00	5.60E-08	0.00E+00	1.29E-09	2.08E-06	0.00E+00	0.00E+00	7.36E-05
2246	ALL	462866.8	3773307	NonCancer	0.00E+00	1.74E-08	0.00E+00	1.23E-09	1.23E-09	5.81E-07	7.06E-05	0.00E+00	5.37E-08	0.00E+00	1.23E-09	1.99E-06	0.00E+00	0.00E+00	7.06E-05
2247	ALL	462860.2	3773300	NonCancer	0.00E+00	1.71E-08	0.00E+00	1.21E-09	1.21E-09	5.71E-07	6.98E-05	0.00E+00	5.27E-08	0.00E+00	1.21E-09	1.95E-06	0.00E+00	0.00E+00	6.98E-05
2248	ALL	462856.1	3773290	NonCancer	0.00E+00	1.72E-08	0.00E+00	1.21E-09	1.21E-09	5.73E-07	7.08E-05	0.00E+00	5.29E-08	0.00E+00	1.21E-09	1.96E-06	0.00E+00	0.00E+00	7.08E-05
2249	ALL	462908.8	3773334	NonCancer	0.00E+00	2.03E-08	0.00E+00	1.43E-09	1.43E-09	6.75E-07	7.94E-05	0.00E+00	6.24E-08	0.00E+00	1.43E-09	2.31E-06	0.00E+00	0.00E+00	7.94E-05
2250	ALL	462900.2	3773331	NonCancer	0.00E+00	1.95E-08	0.00E+00	1.38E-09	1.38E-09	6.52E-07	7.71E-05	0.00E+00	6.02E-08	0.00E+00	1.38E-09	2.23E-06	0.00E+00	0.00E+00	7.71E-05
2251	ALL	462891.6	3773327	NonCancer	0.00E+00	1.88E-08	0.00E+00	1.33E-09	1.33E-09	6.28E-07	7.48E-05	0.00E+00	5.80E-08	0.00E+00	1.33E-09	2.15E-06	0.00E+00	0.00E+00	7.48E-05
2252	ALL	462882.9	3773324	NonCancer	0.00E+00	1.81E-08	0.00E+00	1.28E-09	1.28E-09	6.04E-07	7.23E-05	0.00E+00	5.58E-08	0.00E+00	1.28E-09	2.07E-06	0.00E+00	0.00E+00	7.23E-05
2253	ALL	462874.3	3773320	NonCancer	0.00E+00	1.74E-08	0.00E+00	1.23E-09	1.23E-09	5.80E-07	6.96E-05	0.00E+00	5.36E-08	0.00E+00	1.23E-09	1.99E-06	0.00E+00	0.00E+00	6.96E-05
2254	ALL	462865.6	3773316	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.57E-07	6.69E-05	0.00E+00	5.14E-08	0.00E+00	1.18E-09	1.90E-06	0.00E+00	0.00E+00	6.69E-05
2255	ALL	462857	3773313	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.34E-07	6.43E-05	0.00E+00	4.93E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	6.43E-05
2256	ALL	462908.9	3773344	NonCancer	0.00E+00	1.92E-08	0.00E+00	1.35E-09	1.35E-09	6.39E-07	7.43E-05	0.00E+00	5.90E-08	0.00E+00	1.35E-09	2.19E-06	0.00E+00	0.00E+00	7.43E-05
2257	ALL	462900.2	3773341	NonCancer	0.00E+00	1.86E-08	0.00E+00	1.31E-09	1.31E-09	6.19E-07	7.24E-05	0.00E+00	5.71E-08	0.00E+00	1.31E-09	2.12E-06	0.00E+00	0.00E+00	7.24E-05
2258	ALL	462891.6	3773337	NonCancer	0.00E+00	1.79E-08	0.00E+00	1.27E-09	1.27E-09	5.99E-07	7.04E-05	0.00E+00	5.53E-08	0.00E+00	1.27E-09	2.05E-06	0.00E+00	0.00E+00	7.04E-05
2259	ALL	462883	3773334	NonCancer	0.00E+00	1.73E-08	0.00E+00	1.22E-09	1.22E-09	5.78E-07	6.84E-05	0.00E+00	5.34E-08	0.00E+00	1.22E-09	1.98E-06	0.00E+00	0.00E+00	6.84E-05
2260	ALL	462874.4	3773330	NonCancer	0.00E+00	1.67E-08	0.00E+00	1.18E-09	1.18E-09	5.57E-07	6.62E-05	0.00E+00	5.14E-08	0.00E+00	1.18E-09	1.91E-06	0.00E+00	0.00E+00	6.62E-05
2261	ALL	462865.8	3773327	NonCancer	0.00E+00	1.61E-08	0.00E+00	1.14E-09	1.14E-09	5.36E-07	6.38E-05	0.00E+00	4.95E-08	0.00E+00	1.14E-09	1.84E-06	0.00E+00	0.00E+00	6.38E-05
2262	ALL	462857.1	3773323	NonCancer	0.00E+00	1.55E-08	0.00E+00	1.09E-09	1.09E-09	5.16E-07	6.15E-05	0.00E+00	4.76E-08	0.00E+00	1.09E-09	1.76E-06	0.00E+00	0.00E+00	6.15E-05
2263	ALL	462908.9	3773364	NonCancer	0.00E+00	1.72E-08	0.00E+00	1.22E-09	1.22E-09	5.75E-07	6.56E-05	0.00E+00	5.31E-08	0.00E+00	1.22E-09	1.97E-06	0.00E+00	0.00E+00	6.56E-05
2264	ALL	462900.3	3773361	NonCancer	0.00E+00	1.68E-08	0.00E+00	1.19E-09	1.19E-09	5.60E-07	6.42E-05	0.00E+00	5.17E-08	0.00E+00	1.19E-09	1.92E-06	0.00E+00	0.00E+00	6.42E-05
2265	ALL	462891.7	3773357	NonCancer	0.00E+00	1.63E-08	0.00E+00	1.15E-09	1.15E-09	5.44E-07	6.28E-05	0.00E+00	5.03E-08	0.00E+00	1.15E-09	1.86E-06	0.00E+00	0.00E+00	6.28E-05
2266	ALL	462883.1	3773354	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.12E-09	1.12E-09	5.29E-07	6.13E-05	0.00E+00	4.88E-08	0.00E+00	1.12E-09	1.81E-06	0.00E+00	0.00E+00	6.13E-05

2267	ALL	462874.5	3773350	NonCancer	0.00E+00	1.54E-08	0.00E+00	1.09E-09	1.09E-09	5.13E-07	5.97E-05	0.00E+00	4.74E-08	0.00E+00	1.09E-09	1.76E-06	0.00E+00	0.00E+00	5.97E-05
2268	ALL	462865.9	3773347	NonCancer	0.00E+00	1.49E-08	0.00E+00	1.05E-09	1.05E-09	4.97E-07	5.80E-05	0.00E+00	4.59E-08	0.00E+00	1.05E-09	1.70E-06	0.00E+00	0.00E+00	5.80E-05
2269	ALL	462857.4	3773343	NonCancer	0.00E+00	1.44E-08	0.00E+00	1.02E-09	1.02E-09	4.81E-07	5.63E-05	0.00E+00	4.44E-08	0.00E+00	1.02E-09	1.65E-06	0.00E+00	0.00E+00	5.63E-05
2270	ALL	462908.9	3773384	NonCancer	0.00E+00	1.56E-08	0.00E+00	1.10E-09	1.10E-09	5.21E-07	5.85E-05	0.00E+00	4.81E-08	0.00E+00	1.10E-09	1.78E-06	0.00E+00	0.00E+00	5.85E-05
2271	ALL	462900.3	3773381	NonCancer	0.00E+00	1.53E-08	0.00E+00	1.08E-09	1.08E-09	5.10E-07	5.75E-05	0.00E+00	4.70E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	5.75E-05
2272	ALL	462891.8	3773377	NonCancer	0.00E+00	1.49E-08	0.00E+00	1.06E-09	1.06E-09	4.98E-07	5.65E-05	0.00E+00	4.60E-08	0.00E+00	1.06E-09	1.70E-06	0.00E+00	0.00E+00	5.65E-05
2273	ALL	462883.2	3773374	NonCancer	0.00E+00	1.46E-08	0.00E+00	1.03E-09	1.03E-09	4.86E-07	5.53E-05	0.00E+00	4.48E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	5.53E-05
2274	ALL	462874.6	3773370	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.73E-07	5.41E-05	0.00E+00	4.37E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	5.41E-05
2275	ALL	462866.1	3773367	NonCancer	0.00E+00	1.38E-08	0.00E+00	9.76E-10	9.76E-10	4.60E-07	5.28E-05	0.00E+00	4.25E-08	0.00E+00	9.76E-10	1.58E-06	0.00E+00	0.00E+00	5.28E-05
2276	ALL	462857.5	3773363	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.48E-10	9.48E-10	4.48E-07	5.15E-05	0.00E+00	4.13E-08	0.00E+00	9.48E-10	1.53E-06	0.00E+00	0.00E+00	5.15E-05
2277	ALL	462883.3	3773394	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.48E-10	9.48E-10	4.48E-07	5.02E-05	0.00E+00	4.13E-08	0.00E+00	9.48E-10	1.53E-06	0.00E+00	0.00E+00	5.02E-05
2278	ALL	462874.7	3773390	NonCancer	0.00E+00	1.31E-08	0.00E+00	9.27E-10	9.27E-10	4.38E-07	4.93E-05	0.00E+00	4.04E-08	0.00E+00	9.27E-10	1.50E-06	0.00E+00	0.00E+00	4.93E-05
2279	ALL	462866.2	3773387	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.05E-10	9.05E-10	4.27E-07	4.83E-05	0.00E+00	3.95E-08	0.00E+00	9.05E-10	1.46E-06	0.00E+00	0.00E+00	4.83E-05
2280	ALL	462857.6	3773383	NonCancer	0.00E+00	1.25E-08	0.00E+00	8.83E-10	8.83E-10	4.17E-07	4.72E-05	0.00E+00	3.85E-08	0.00E+00	8.83E-10	1.43E-06	0.00E+00	0.00E+00	4.72E-05
2281	ALL	462874.3	3773410	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.58E-10	8.58E-10	4.05E-07	4.49E-05	0.00E+00	3.74E-08	0.00E+00	8.58E-10	1.39E-06	0.00E+00	0.00E+00	4.49E-05
2282	ALL	462865.6	3773406	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.41E-10	8.41E-10	3.97E-07	4.42E-05	0.00E+00	3.66E-08	0.00E+00	8.41E-10	1.36E-06	0.00E+00	0.00E+00	4.42E-05
2283	ALL	462857	3773403	NonCancer	0.00E+00	1.16E-08	0.00E+00	8.23E-10	8.23E-10	3.88E-07	4.34E-05	0.00E+00	3.59E-08	0.00E+00	8.23E-10	1.33E-06	0.00E+00	0.00E+00	4.34E-05
2284	ALL	462865.8	3773427	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.84E-10	7.84E-10	3.70E-07	4.06E-05	0.00E+00	3.42E-08	0.00E+00	7.84E-10	1.27E-06	0.00E+00	0.00E+00	4.06E-05
2285	ALL	462857.1	3773423	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.70E-10	7.70E-10	3.63E-07	4.00E-05	0.00E+00	3.36E-08	0.00E+00	7.70E-10	1.24E-06	0.00E+00	0.00E+00	4.00E-05
2286	ALL	462900.3	3773461	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.78E-10	7.78E-10	3.67E-07	3.91E-05	0.00E+00	3.39E-08	0.00E+00	7.78E-10	1.26E-06	0.00E+00	0.00E+00	3.91E-05
2287	ALL	462891.7	3773457	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.67E-10	7.67E-10	3.62E-07	3.87E-05	0.00E+00	3.34E-08	0.00E+00	7.67E-10	1.24E-06	0.00E+00	0.00E+00	3.87E-05
2288	ALL	462883.1	3773454	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.55E-10	7.55E-10	3.57E-07	3.78E-05	0.00E+00	3.29E-08	0.00E+00	7.55E-10	1.22E-06	0.00E+00	0.00E+00	3.78E-05
2289	ALL	462874.5	3773450	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.44E-10	7.44E-10	3.51E-07	3.73E-05	0.00E+00	3.24E-08	0.00E+00	7.44E-10	1.20E-06	0.00E+00	0.00E+00	3.73E-05
2290	ALL	462865.9	3773447	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.32E-10	7.32E-10	3.45E-07	3.69E-05	0.00E+00	3.19E-08	0.00E+00	7.32E-10	1.18E-06	0.00E+00	0.00E+00	3.69E-05
2291	ALL	462857.3	3773443	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.20E-10	7.20E-10	3.40E-07	3.64E-05	0.00E+00	3.14E-08	0.00E+00	7.20E-10	1.16E-06	0.00E+00	0.00E+00	3.64E-05
2292	ALL	462392.9	3773286	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	1.15E-05	0.00E+00	9.89E-09	0.00E+00	2.27E-10	3.67E-07	0.00E+00	0.00E+00	1.15E-05
2293	ALL	462394.9	3773362	NonCancer	0.00E+00	3.14E-09	0.00E+00	2.22E-10	2.22E-10	1.05E-07	1.10E-05	0.00E+00	9.68E-09	0.00E+00	2.22E-10	3.59E-07	0.00E+00	0.00E+00	1.10E-05
2294	ALL	462391.3	3773354	NonCancer	0.00E+00	3.13E-09	0.00E+00	2.21E-10	2.21E-10	1.04E-07	1.10E-05	0.00E+00	9.64E-09	0.00E+00	2.21E-10	3.57E-07	0.00E+00	0.00E+00	1.10E-05
2295	ALL	462387.7	3773345	NonCancer	0.00E+00	3.12E-09	0.00E+00	2.21E-10	2.21E-10	1.04E-07	1.11E-05	0.00E+00	9.62E-09	0.00E+00	2.21E-10	3.57E-07	0.00E+00	0.00E+00	1.11E-05
2296	ALL	462384	3773337	NonCancer	0.00E+00	3.11E-09	0.00E+00	2.20E-10	2.20E-10	1.04E-07	1.11E-05	0.00E+00	9.59E-09	0.00E+00	2.20E-10	3.55E-07	0.00E+00	0.00E+00	1.11E-05
2297	ALL	462380.4	3773328	NonCancer	0.00E+00	3.10E-09	0.00E+00	2.19E-10	2.19E-10	1.03E-07	1.10E-05	0.00E+00	9.54E-09	0.00E+00	2.19E-10	3.54E-07	0.00E+00	0.00E+00	1.10E-05
2298	ALL	462376.8	3773320	NonCancer	0.00E+00	3.08E-09	0.00E+00	2.18E-10	2.18E-10	1.03E-07	1.10E-05	0.00E+00	9.50E-09	0.00E+00	2.18E-10	3.52E-07	0.00E+00	0.00E+00	1.10E-05
2299	ALL	462373.1	3773311	NonCancer	0.00E+00	3.07E-09	0.00E+00	2.17E-10	2.17E-10	1.02E-07	1.09E-05	0.00E+00	9.44E-09	0.00E+00	2.17E-10	3.50E-07	0.00E+00	0.00E+00	1.09E-05
2300	ALL	462369.5	3773302	NonCancer	0.00E+00	3.05E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	1.09E-05	0.00E+00	9.39E-09	0.00E+00	2.16E-10	3.48E-07	0.00E+00	0.00E+00	1.09E-05
2301	ALL	462365.9	3773294	NonCancer	0.00E+00	3.03E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.08E-05	0.00E+00	9.34E-09	0.00E+00	2.14E-10	3.46E-07	0.00E+00	0.00E+00	1.08E-05
2302	ALL	462362.2	3773285	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.13E-10	2.13E-10	1.01E-07	1.08E-05	0.00E+00	9.29E-09	0.00E+00	2.13E-10	3.44E-07	0.00E+00	0.00E+00	1.08E-05
2303	ALL	462396.6	3773438	NonCancer	0.00E+00	3.03E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	1.04E-05	0.00E+00	9.32E-09	0.00E+00	2.14E-10	3.45E-07	0.00E+00	0.00E+00	1.04E-05
2304	ALL	462392.9	3773429	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.13E-10	2.13E-10	1.01E-07	1.04E-05	0.00E+00	9.29E-09	0.00E+00	2.13E-10	3.44E-07	0.00E+00	0.00E+00	1.04E-05
2305	ALL	462389.3	3773420	NonCancer	0.00E+00	3.01E-09	0.00E+00	2.13E-10	2.13E-10	1.00E-07	1.04E-05	0.00E+00	9.26E-09	0.00E+00	2.13E-10	3.43E-07	0.00E+00	0.00E+00	1.04E-05
2306	ALL	462385.6	3773412	NonCancer	0.00E+00	3.00E-09	0.00E+00	2.12E-10	2.12E-10	1.00E-07	1.04E-05	0.00E+00	9.25E-09	0.00E+00	2.12E-10	3.43E-07	0.00E+00	0.00E+00	1.04E-05
2307	ALL	462382	3773403	NonCancer	0.00E+00	3.00E-09	0.00E+00	2.12E-10	2.12E-10	1.00E-07	1.04E-05	0.00E+00	9.24E-09	0.00E+00	2.12E-10	3.43E-07	0.00E+00	0.00E+00	1.04E-05
2308	ALL	462378.4	3773395	NonCancer	0.00E+00	3.00E-09	0.00E+00	2.12E-10	2.12E-10	1.00E-07	1.04E-05	0.00E+00	9.24E-09	0.00E+00	2.12E-10	3.42E-07	0.00E+00	0.00E+00	1.04E-05
2309	ALL	462374.7	3773386	NonCancer	0.00E+00	3.00E-09	0.00E+00	2.12E-10	2.12E-10	9.99E-08	1.04E-05	0.00E+00	9.23E-09	0.00E+00	2.12E-10	3.42E-07	0.00E+00	0.00E+00	1.04E-05
2310	ALL	462371.1	3773377	NonCancer	0.00E+00	2.98E-09	0.00E+00	2.11E-10	2.11E-10	9.95E-08	1.04E-05	0.00E+00	9.19E-09	0.00E+00	2.11E-10	3.41E-07	0.00E+00	0.00E+00	1.04E-05
2311	ALL	462367.4	3773369	NonCancer	0.00E+00	2.97E-09	0.00E+00	2.10E-10	2.10E-10	9.91E-08	1.04E-05	0.00E+00	9.15E-09	0.00E+00	2.10E-10	3.39E-07	0.00E+00	0.00E+00	1.04E-05
2312	ALL	462363.8	3773360	NonCancer	0.00E+00	2.96E-09	0.00E+00	2.09E-10	2.09E-10	9.87E-08	1.03E-05	0.00E+00	9.11E-09	0.00E+00	2.09E-10	3.38E-07	0.00E+00	0.00E+00	1.03E-05
2313	ALL	462360.2	3773352	NonCancer	0.00E+00	2.95E-09	0.00E+00	2.08E-10	2.08E-10	9.83E-08	1.03E-05	0.00E+00	9.08E-09	0.00E+00	2.08E-10	3.37E-07	0.00E+00	0.00E+00	1.03E-05
2314	ALL	462356.5	3773343	NonCancer	0.00E+00	2.94E-09	0.00E+00	2.08E-10	2.08E-10	9.81E-08	1.04E-05	0.00E+00	9.05E-09	0.00E+00	2.08E-10	3.36E-07	0.00E+00	0.00E+00	1.04E-05
2315	ALL	462352.9	3773334	NonCancer	0.00E+00	2.93E-09	0.00E+00	2.07E-10	2.07E-10	9.77E-08	1.04E-05	0.00E+00	9.02E-09	0.00E+00	2.07E-10	3.34E-07	0.00E+00	0.00E+00	1.04E-05
2316	ALL	462349.3	3773326	NonCancer	0.00E+00	2.92E-09	0.00E+00	2.06E-10	2.06E-10	9.73E-08	1.03E-05	0.00E+00	8.98E-09	0.00E+00	2.06E-10	3.33E-07	0.00E+00	0.00E+00	1.03E-05
2317	ALL	462345.6	3773317	NonCancer	0.00E+00	2.90E-09	0.00E+00	2.05E-10	2.05E-10	9.68E-08	1.03E-05	0.00E+00	8.94E-09	0.00E+00	2.05E-10	3.31E-07	0.00E+00	0.00E+00	1.03E-05
2318	ALL	462342	3773308	NonCancer	0.00E+00	2.89E-09	0.00E+00	2.04E-10	2.04E-10	9.63E-08	1.02E-05	0.00E+00	8.89E-09	0.00E+00	2.04E-10	3.29E-07	0.00E+00	0.00E+00	1.02E-05
2319	ALL	462338.3	3773300	NonCancer	0.00E+00	2.87E-09	0.00E+00	2.03E-10	2.03E-10	9.57E-08	1.02E-05	0.00E+00	8.84E-09	0.00E+00	2.03E-10	3.28E-07	0.00E+00	0.00E+00	1.02E-05
2320	ALL	462334.7	3773291	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.52E-08	1.01E-05	0.00E+00	8.79E-09	0.00E+00	2.02E-10	3.26E-07	0.00E+00	0.00E+00	1.01E-05

2321	ALL	462331.1	3773283	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.01E-10	2.01E-10	9.47E-08	1.01E-05	0.00E+00	8.74E-09	0.00E+00	2.01E-10	3.24E-07	0.00E+00	0.00E+00	1.01E-05
2322	ALL	462366.1	3773461	NonCancer	0.00E+00	2.80E-09	0.00E+00	1.98E-10	1.98E-10	9.35E-08	9.58E-06	0.00E+00	8.63E-09	0.00E+00	1.98E-10	3.20E-07	0.00E+00	0.00E+00	9.58E-06
2323	ALL	462362.5	3773452	NonCancer	0.00E+00	2.81E-09	0.00E+00	1.99E-10	1.99E-10	9.38E-08	9.63E-06	0.00E+00	8.66E-09	0.00E+00	1.99E-10	3.21E-07	0.00E+00	0.00E+00	9.63E-06
2324	ALL	462358.9	3773443	NonCancer	0.00E+00	2.81E-09	0.00E+00	1.99E-10	1.99E-10	9.38E-08	9.65E-06	0.00E+00	8.66E-09	0.00E+00	1.99E-10	3.21E-07	0.00E+00	0.00E+00	9.65E-06
2325	ALL	462355.2	3773435	NonCancer	0.00E+00	2.80E-09	0.00E+00	1.98E-10	1.98E-10	9.35E-08	9.63E-06	0.00E+00	8.63E-09	0.00E+00	1.98E-10	3.20E-07	0.00E+00	0.00E+00	9.63E-06
2326	ALL	462351.6	3773426	NonCancer	0.00E+00	2.80E-09	0.00E+00	1.98E-10	1.98E-10	9.32E-08	9.60E-06	0.00E+00	8.61E-09	0.00E+00	1.98E-10	3.19E-07	0.00E+00	0.00E+00	9.60E-06
2327	ALL	462348	3773418	NonCancer	0.00E+00	2.79E-09	0.00E+00	1.97E-10	1.97E-10	9.29E-08	9.58E-06	0.00E+00	8.58E-09	0.00E+00	1.97E-10	3.18E-07	0.00E+00	0.00E+00	9.58E-06
2328	ALL	462344.3	3773409	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.97E-10	1.97E-10	9.28E-08	9.59E-06	0.00E+00	8.57E-09	0.00E+00	1.97E-10	3.18E-07	0.00E+00	0.00E+00	9.59E-06
2329	ALL	462340.7	3773400	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.97E-10	1.97E-10	9.28E-08	9.61E-06	0.00E+00	8.57E-09	0.00E+00	1.97E-10	3.18E-07	0.00E+00	0.00E+00	9.61E-06
2330	ALL	462337.1	3773392	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.96E-10	1.96E-10	9.27E-08	9.63E-06	0.00E+00	8.56E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	9.63E-06
2331	ALL	462333.4	3773383	NonCancer	0.00E+00	2.77E-09	0.00E+00	1.96E-10	1.96E-10	9.25E-08	9.62E-06	0.00E+00	8.54E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	9.62E-06
2332	ALL	462329.8	3773375	NonCancer	0.00E+00	2.76E-09	0.00E+00	1.95E-10	1.95E-10	9.21E-08	9.59E-06	0.00E+00	8.51E-09	0.00E+00	1.95E-10	3.15E-07	0.00E+00	0.00E+00	9.59E-06
2333	ALL	462326.2	3773366	NonCancer	0.00E+00	2.75E-09	0.00E+00	1.94E-10	1.94E-10	9.17E-08	9.55E-06	0.00E+00	8.47E-09	0.00E+00	1.94E-10	3.14E-07	0.00E+00	0.00E+00	9.55E-06
2334	ALL	462322.5	3773357	NonCancer	0.00E+00	2.74E-09	0.00E+00	1.93E-10	1.93E-10	9.13E-08	9.52E-06	0.00E+00	8.43E-09	0.00E+00	1.93E-10	3.13E-07	0.00E+00	0.00E+00	9.52E-06
2335	ALL	462318.9	3773349	NonCancer	0.00E+00	2.73E-09	0.00E+00	1.93E-10	1.93E-10	9.11E-08	9.60E-06	0.00E+00	8.41E-09	0.00E+00	1.93E-10	3.12E-07	0.00E+00	0.00E+00	9.60E-06
2336	ALL	462315.3	3773340	NonCancer	0.00E+00	2.72E-09	0.00E+00	1.92E-10	1.92E-10	9.08E-08	9.59E-06	0.00E+00	8.39E-09	0.00E+00	1.92E-10	3.11E-07	0.00E+00	0.00E+00	9.59E-06
2337	ALL	462311.6	3773332	NonCancer	0.00E+00	2.71E-09	0.00E+00	1.92E-10	1.92E-10	9.05E-08	9.56E-06	0.00E+00	8.35E-09	0.00E+00	1.92E-10	3.10E-07	0.00E+00	0.00E+00	9.56E-06
2338	ALL	462308	3773323	NonCancer	0.00E+00	2.70E-09	0.00E+00	1.91E-10	1.91E-10	9.01E-08	9.52E-06	0.00E+00	8.31E-09	0.00E+00	1.91E-10	3.08E-07	0.00E+00	0.00E+00	9.52E-06
2339	ALL	462304.4	3773314	NonCancer	0.00E+00	2.69E-09	0.00E+00	1.90E-10	1.90E-10	8.96E-08	9.47E-06	0.00E+00	8.27E-09	0.00E+00	1.90E-10	3.07E-07	0.00E+00	0.00E+00	9.47E-06
2340	ALL	462300.7	3773306	NonCancer	0.00E+00	2.67E-09	0.00E+00	1.89E-10	1.89E-10	8.91E-08	9.43E-06	0.00E+00	8.23E-09	0.00E+00	1.89E-10	3.05E-07	0.00E+00	0.00E+00	9.43E-06
2341	ALL	462297.1	3773297	NonCancer	0.00E+00	2.66E-09	0.00E+00	1.88E-10	1.88E-10	8.86E-08	9.38E-06	0.00E+00	8.18E-09	0.00E+00	1.88E-10	3.03E-07	0.00E+00	0.00E+00	9.38E-06
2342	ALL	462293.5	3773289	NonCancer	0.00E+00	2.64E-09	0.00E+00	1.87E-10	1.87E-10	8.82E-08	9.34E-06	0.00E+00	8.14E-09	0.00E+00	1.87E-10	3.02E-07	0.00E+00	0.00E+00	9.34E-06
2343	ALL	462289.8	3773280	NonCancer	0.00E+00	2.63E-09	0.00E+00	1.86E-10	1.86E-10	8.76E-08	9.28E-06	0.00E+00	8.09E-09	0.00E+00	1.86E-10	3.00E-07	0.00E+00	0.00E+00	9.28E-06
2344	ALL	462323.8	3773456	NonCancer	0.00E+00	2.61E-09	0.00E+00	1.85E-10	1.85E-10	8.72E-08	8.91E-06	0.00E+00	8.05E-09	0.00E+00	1.85E-10	2.98E-07	0.00E+00	0.00E+00	8.91E-06
2345	ALL	462320.2	3773447	NonCancer	0.00E+00	2.62E-09	0.00E+00	1.85E-10	1.85E-10	8.74E-08	8.95E-06	0.00E+00	8.07E-09	0.00E+00	1.85E-10	2.99E-07	0.00E+00	0.00E+00	8.95E-06
2346	ALL	462316.6	3773438	NonCancer	0.00E+00	2.61E-09	0.00E+00	1.85E-10	1.85E-10	8.71E-08	8.93E-06	0.00E+00	8.04E-09	0.00E+00	1.85E-10	2.98E-07	0.00E+00	0.00E+00	8.93E-06
2347	ALL	462312.9	3773430	NonCancer	0.00E+00	2.60E-09	0.00E+00	1.84E-10	1.84E-10	8.69E-08	8.91E-06	0.00E+00	8.02E-09	0.00E+00	1.84E-10	2.97E-07	0.00E+00	0.00E+00	8.91E-06
2348	ALL	462309.3	3773421	NonCancer	0.00E+00	2.60E-09	0.00E+00	1.83E-10	1.83E-10	8.66E-08	8.89E-06	0.00E+00	7.99E-09	0.00E+00	1.83E-10	2.96E-07	0.00E+00	0.00E+00	8.89E-06
2349	ALL	462305.7	3773413	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.64E-08	8.88E-06	0.00E+00	7.97E-09	0.00E+00	1.83E-10	2.96E-07	0.00E+00	0.00E+00	8.88E-06
2350	ALL	462302	3773404	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.62E-08	8.89E-06	0.00E+00	7.96E-09	0.00E+00	1.83E-10	2.95E-07	0.00E+00	0.00E+00	8.89E-06
2351	ALL	462298.4	3773395	NonCancer	0.00E+00	2.58E-09	0.00E+00	1.82E-10	1.82E-10	8.60E-08	8.88E-06	0.00E+00	7.94E-09	0.00E+00	1.82E-10	2.94E-07	0.00E+00	0.00E+00	8.88E-06
2352	ALL	462294.7	3773387	NonCancer	0.00E+00	2.57E-09	0.00E+00	1.82E-10	1.82E-10	8.58E-08	8.86E-06	0.00E+00	7.92E-09	0.00E+00	1.82E-10	2.94E-07	0.00E+00	0.00E+00	8.86E-06
2353	ALL	462291.1	3773378	NonCancer	0.00E+00	2.56E-09	0.00E+00	1.81E-10	1.81E-10	8.55E-08	8.83E-06	0.00E+00	7.89E-09	0.00E+00	1.81E-10	2.92E-07	0.00E+00	0.00E+00	8.83E-06
2354	ALL	462287.5	3773370	NonCancer	0.00E+00	2.56E-09	0.00E+00	1.81E-10	1.81E-10	8.52E-08	8.82E-06	0.00E+00	7.87E-09	0.00E+00	1.81E-10	2.92E-07	0.00E+00	0.00E+00	8.82E-06
2355	ALL	462283.8	3773361	NonCancer	0.00E+00	2.55E-09	0.00E+00	1.80E-10	1.80E-10	8.50E-08	8.81E-06	0.00E+00	7.85E-09	0.00E+00	1.80E-10	2.91E-07	0.00E+00	0.00E+00	8.81E-06
2356	ALL	462280.2	3773352	NonCancer	0.00E+00	2.54E-09	0.00E+00	1.80E-10	1.80E-10	8.47E-08	8.79E-06	0.00E+00	7.82E-09	0.00E+00	1.80E-10	2.90E-07	0.00E+00	0.00E+00	8.79E-06
2357	ALL	462276.5	3773344	NonCancer	0.00E+00	2.53E-09	0.00E+00	1.79E-10	1.79E-10	8.43E-08	8.76E-06	0.00E+00	7.79E-09	0.00E+00	1.79E-10	2.89E-07	0.00E+00	0.00E+00	8.76E-06
2358	ALL	462272.9	3773335	NonCancer	0.00E+00	2.52E-09	0.00E+00	1.78E-10	1.78E-10	8.39E-08	8.72E-06	0.00E+00	7.75E-09	0.00E+00	1.78E-10	2.87E-07	0.00E+00	0.00E+00	8.72E-06
2359	ALL	462269.3	3773326	NonCancer	0.00E+00	2.50E-09	0.00E+00	1.77E-10	1.77E-10	8.35E-08	8.68E-06	0.00E+00	7.71E-09	0.00E+00	1.77E-10	2.86E-07	0.00E+00	0.00E+00	8.68E-06
2360	ALL	462265.6	3773318	NonCancer	0.00E+00	2.50E-09	0.00E+00	1.76E-10	1.76E-10	8.33E-08	8.76E-06	0.00E+00	7.69E-09	0.00E+00	1.76E-10	2.85E-07	0.00E+00	0.00E+00	8.76E-06
2361	ALL	462262	3773309	NonCancer	0.00E+00	2.49E-09	0.00E+00	1.76E-10	1.76E-10	8.30E-08	8.74E-06	0.00E+00	7.66E-09	0.00E+00	1.76E-10	2.84E-07	0.00E+00	0.00E+00	8.74E-06
2362	ALL	462258.3	3773301	NonCancer	0.00E+00	2.48E-09	0.00E+00	1.75E-10	1.75E-10	8.27E-08	8.71E-06	0.00E+00	7.63E-09	0.00E+00	1.75E-10	2.83E-07	0.00E+00	0.00E+00	8.71E-06
2363	ALL	462254.7	3773292	NonCancer	0.00E+00	2.47E-09	0.00E+00	1.74E-10	1.74E-10	8.23E-08	8.67E-06	0.00E+00	7.60E-09	0.00E+00	1.74E-10	2.82E-07	0.00E+00	0.00E+00	8.67E-06
2364	ALL	462251.1	3773283	NonCancer	0.00E+00	2.45E-09	0.00E+00	1.73E-10	1.73E-10	8.18E-08	8.62E-06	0.00E+00	7.55E-09	0.00E+00	1.73E-10	2.80E-07	0.00E+00	0.00E+00	8.62E-06
2365	ALL	462286.2	3773462	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.72E-10	1.72E-10	8.12E-08	8.27E-06	0.00E+00	7.50E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	8.27E-06
2366	ALL	462282.5	3773453	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.73E-10	1.73E-10	8.15E-08	8.31E-06	0.00E+00	7.52E-09	0.00E+00	1.73E-10	2.79E-07	0.00E+00	0.00E+00	8.31E-06
2367	ALL	462278.9	3773444	NonCancer	0.00E+00	2.44E-09	0.00E+00	1.73E-10	1.73E-10	8.15E-08	8.32E-06	0.00E+00	7.52E-09	0.00E+00	1.73E-10	2.79E-07	0.00E+00	0.00E+00	8.32E-06
2368	ALL	462275.3	3773436	NonCancer	0.00E+00	2.43E-09	0.00E+00	1.72E-10	1.72E-10	8.11E-08	8.29E-06	0.00E+00	7.49E-09	0.00E+00	1.72E-10	2.78E-07	0.00E+00	0.00E+00	8.29E-06
2369	ALL	462271.6	3773427	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.09E-08	8.27E-06	0.00E+00	7.46E-09	0.00E+00	1.71E-10	2.77E-07	0.00E+00	0.00E+00	8.27E-06
2370	ALL	462268	3773418	NonCancer	0.00E+00	2.42E-09	0.00E+00	1.71E-10	1.71E-10	8.07E-08	8.26E-06	0.00E+00	7.45E-09	0.00E+00	1.71E-10	2.76E-07	0.00E+00	0.00E+00	8.26E-06
2371	ALL	462264.4	3773410	NonCancer	0.00E+00	2.41E-09	0.00E+00	1.70E-10	1.70E-10	8.04E-08	8.24E-06	0.00E+00	7.42E-09	0.00E+00	1.70E-10	2.75E-07	0.00E+00	0.00E+00	8.24E-06
2372	ALL	462260.7	3773401	NonCancer	0.00E+00	2.40E-09	0.00E+00	1.70E-10	1.70E-10	8.01E-08	8.21E-06	0.00E+00	7.40E-09	0.00E+00	1.70E-10	2.74E-07	0.00E+00	0.00E+00	8.21E-06
2373	ALL	462257.1	3773393	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.98E-08	8.19E-06	0.00E+00	7.37E-09	0.00E+00	1.69E-10	2.73E-07	0.00E+00	0.00E+00	8.19E-06
2374	ALL	462253.5	3773384	NonCancer	0.00E+00	2.39E-09	0.00E+00	1.69E-10	1.69E-10	7.96E-08	8.17E-06	0.00E+00	7.35E-09	0.00E+00	1.69E-10	2.72E-07	0.00E+00	0.00E+00	8.17E-06

2375	ALL	462249.8	3773375	NonCancer	0.00E+00	2.38E-09	0.00E+00	1.68E-10	1.68E-10	7.95E-08	8.18E-06	0.00E+00	7.34E-09	0.00E+00	1.68E-10	2.72E-07	0.00E+00	0.00E+00	8.18E-06
2376	ALL	462246.2	3773367	NonCancer	0.00E+00	2.38E-09	0.00E+00	1.68E-10	1.68E-10	7.94E-08	8.19E-06	0.00E+00	7.33E-09	0.00E+00	1.68E-10	2.72E-07	0.00E+00	0.00E+00	8.19E-06
2377	ALL	462242.6	3773358	NonCancer	0.00E+00	2.38E-09	0.00E+00	1.68E-10	1.68E-10	7.93E-08	8.19E-06	0.00E+00	7.32E-09	0.00E+00	1.68E-10	2.71E-07	0.00E+00	0.00E+00	8.19E-06
2378	ALL	462238.9	3773350	NonCancer	0.00E+00	2.37E-09	0.00E+00	1.67E-10	1.67E-10	7.90E-08	8.17E-06	0.00E+00	7.29E-09	0.00E+00	1.67E-10	2.70E-07	0.00E+00	0.00E+00	8.17E-06
2379	ALL	462235.3	3773341	NonCancer	0.00E+00	2.36E-09	0.00E+00	1.67E-10	1.67E-10	7.86E-08	8.13E-06	0.00E+00	7.26E-09	0.00E+00	1.67E-10	2.69E-07	0.00E+00	0.00E+00	8.13E-06
2380	ALL	462231.6	3773332	NonCancer	0.00E+00	2.35E-09	0.00E+00	1.66E-10	1.66E-10	7.83E-08	8.10E-06	0.00E+00	7.22E-09	0.00E+00	1.66E-10	2.68E-07	0.00E+00	0.00E+00	8.10E-06
2381	ALL	462243.9	3773456	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.59E-10	1.59E-10	7.53E-08	7.63E-06	0.00E+00	6.95E-09	0.00E+00	1.59E-10	2.58E-07	0.00E+00	0.00E+00	7.63E-06
2382	ALL	462240.2	3773448	NonCancer	0.00E+00	2.25E-09	0.00E+00	1.59E-10	1.59E-10	7.50E-08	7.62E-06	0.00E+00	6.93E-09	0.00E+00	1.59E-10	2.57E-07	0.00E+00	0.00E+00	7.62E-06
2383	ALL	462236.6	3773439	NonCancer	0.00E+00	2.25E-09	0.00E+00	1.59E-10	1.59E-10	7.51E-08	7.63E-06	0.00E+00	6.93E-09	0.00E+00	1.59E-10	2.57E-07	0.00E+00	0.00E+00	7.63E-06
2384	ALL	462232.9	3773431	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.59E-10	1.59E-10	7.53E-08	7.66E-06	0.00E+00	6.95E-09	0.00E+00	1.59E-10	2.58E-07	0.00E+00	0.00E+00	7.66E-06
2385	ALL	462229.3	3773422	NonCancer	0.00E+00	2.26E-09	0.00E+00	1.60E-10	1.60E-10	7.54E-08	7.69E-06	0.00E+00	6.96E-09	0.00E+00	1.60E-10	2.58E-07	0.00E+00	0.00E+00	7.69E-06
2386	ALL	462185.6	3773319	NonCancer	0.00E+00	2.19E-09	0.00E+00	1.54E-10	1.54E-10	7.29E-08	7.60E-06	0.00E+00	6.73E-09	0.00E+00	1.54E-10	2.50E-07	0.00E+00	0.00E+00	7.60E-06
2387	ALL	462182	3773310	NonCancer	0.00E+00	2.18E-09	0.00E+00	1.54E-10	1.54E-10	7.27E-08	7.58E-06	0.00E+00	6.71E-09	0.00E+00	1.54E-10	2.49E-07	0.00E+00	0.00E+00	7.58E-06
2388	ALL	462178.4	3773301	NonCancer	0.00E+00	2.17E-09	0.00E+00	1.53E-10	1.53E-10	7.24E-08	7.56E-06	0.00E+00	6.69E-09	0.00E+00	1.53E-10	2.48E-07	0.00E+00	0.00E+00	7.56E-06
2389	ALL	462174.7	3773293	NonCancer	0.00E+00	2.16E-09	0.00E+00	1.53E-10	1.53E-10	7.21E-08	7.53E-06	0.00E+00	6.66E-09	0.00E+00	1.53E-10	2.47E-07	0.00E+00	0.00E+00	7.53E-06
2390	ALL	462171.1	3773284	NonCancer	0.00E+00	2.15E-09	0.00E+00	1.52E-10	1.52E-10	7.17E-08	7.49E-06	0.00E+00	6.62E-09	0.00E+00	1.52E-10	2.45E-07	0.00E+00	0.00E+00	7.49E-06
2391	ALL	462167.4	3773275	NonCancer	0.00E+00	2.14E-09	0.00E+00	1.51E-10	1.51E-10	7.13E-08	7.45E-06	0.00E+00	6.59E-09	0.00E+00	1.51E-10	2.44E-07	0.00E+00	0.00E+00	7.45E-06
2392	ALL	462144.4	3773316	NonCancer	0.00E+00	2.05E-09	0.00E+00	1.45E-10	1.45E-10	6.83E-08	7.05E-06	0.00E+00	6.31E-09	0.00E+00	1.45E-10	2.34E-07	0.00E+00	0.00E+00	7.05E-06
2393	ALL	462140.8	3773307	NonCancer	0.00E+00	2.04E-09	0.00E+00	1.44E-10	1.44E-10	6.80E-08	7.07E-06	0.00E+00	6.28E-09	0.00E+00	1.44E-10	2.33E-07	0.00E+00	0.00E+00	7.07E-06
2394	ALL	462137.1	3773299	NonCancer	0.00E+00	2.03E-09	0.00E+00	1.44E-10	1.44E-10	6.77E-08	7.03E-06	0.00E+00	6.25E-09	0.00E+00	1.44E-10	2.32E-07	0.00E+00	0.00E+00	7.03E-06
2395	ALL	462133.5	3773290	NonCancer	0.00E+00	2.02E-09	0.00E+00	1.43E-10	1.43E-10	6.74E-08	7.01E-06	0.00E+00	6.23E-09	0.00E+00	1.43E-10	2.31E-07	0.00E+00	0.00E+00	7.01E-06
2396	ALL	462129.9	3773282	NonCancer	0.00E+00	2.01E-09	0.00E+00	1.42E-10	1.42E-10	6.72E-08	6.99E-06	0.00E+00	6.20E-09	0.00E+00	1.42E-10	2.30E-07	0.00E+00	0.00E+00	6.99E-06
2397	ALL	462917.5	3774088	NonCancer	0.00E+00	3.29E-09	0.00E+00	2.32E-10	2.32E-10	1.10E-07	9.45E-06	0.00E+00	1.01E-08	0.00E+00	2.32E-10	3.75E-07	0.00E+00	0.00E+00	9.45E-06
2398	ALL	462908.8	3774084	NonCancer	0.00E+00	3.26E-09	0.00E+00	2.30E-10	2.30E-10	1.09E-07	9.38E-06	0.00E+00	1.00E-08	0.00E+00	2.30E-10	3.72E-07	0.00E+00	0.00E+00	9.38E-06
2399	ALL	462900.2	3774081	NonCancer	0.00E+00	3.21E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	9.26E-06	0.00E+00	9.88E-09	0.00E+00	2.27E-10	3.66E-07	0.00E+00	0.00E+00	9.26E-06
2400	ALL	462917.5	3774128	NonCancer	0.00E+00	3.09E-09	0.00E+00	2.19E-10	2.19E-10	1.03E-07	8.86E-06	0.00E+00	9.53E-09	0.00E+00	2.19E-10	3.53E-07	0.00E+00	0.00E+00	8.86E-06
2401	ALL	462908.8	3774124	NonCancer	0.00E+00	3.06E-09	0.00E+00	2.16E-10	2.16E-10	1.02E-07	8.78E-06	0.00E+00	9.42E-09	0.00E+00	2.16E-10	3.49E-07	0.00E+00	0.00E+00	8.78E-06
2402	ALL	462900.2	3774121	NonCancer	0.00E+00	3.02E-09	0.00E+00	2.14E-10	2.14E-10	1.01E-07	8.70E-06	0.00E+00	9.31E-09	0.00E+00	2.14E-10	3.45E-07	0.00E+00	0.00E+00	8.70E-06
2403	ALL	462891.5	3774117	NonCancer	0.00E+00	2.99E-09	0.00E+00	2.11E-10	2.11E-10	9.98E-08	8.62E-06	0.00E+00	9.21E-09	0.00E+00	2.11E-10	3.41E-07	0.00E+00	0.00E+00	8.62E-06
2404	ALL	462882.9	3774114	NonCancer	0.00E+00	2.96E-09	0.00E+00	2.09E-10	2.09E-10	9.87E-08	8.54E-06	0.00E+00	9.11E-09	0.00E+00	2.09E-10	3.38E-07	0.00E+00	0.00E+00	8.54E-06
2405	ALL	462874.3	3774110	NonCancer	0.00E+00	2.93E-09	0.00E+00	2.07E-10	2.07E-10	9.76E-08	8.46E-06	0.00E+00	9.01E-09	0.00E+00	2.07E-10	3.34E-07	0.00E+00	0.00E+00	8.46E-06
2406	ALL	462865.6	3774106	NonCancer	0.00E+00	2.90E-09	0.00E+00	2.05E-10	2.05E-10	9.66E-08	8.39E-06	0.00E+00	8.92E-09	0.00E+00	2.05E-10	3.31E-07	0.00E+00	0.00E+00	8.39E-06
2407	ALL	462857	3774103	NonCancer	0.00E+00	2.87E-09	0.00E+00	2.03E-10	2.03E-10	9.56E-08	8.32E-06	0.00E+00	8.82E-09	0.00E+00	2.03E-10	3.27E-07	0.00E+00	0.00E+00	8.32E-06
2408	ALL	462848.3	3774099	NonCancer	0.00E+00	2.84E-09	0.00E+00	2.00E-10	2.00E-10	9.46E-08	8.25E-06	0.00E+00	8.73E-09	0.00E+00	2.00E-10	3.24E-07	0.00E+00	0.00E+00	8.25E-06
2409	ALL	462839.7	3774096	NonCancer	0.00E+00	2.81E-09	0.00E+00	1.98E-10	1.98E-10	9.36E-08	8.18E-06	0.00E+00	8.64E-09	0.00E+00	1.98E-10	3.20E-07	0.00E+00	0.00E+00	8.18E-06
2410	ALL	462831	3774092	NonCancer	0.00E+00	2.78E-09	0.00E+00	1.96E-10	1.96E-10	9.27E-08	8.12E-06	0.00E+00	8.56E-09	0.00E+00	1.96E-10	3.17E-07	0.00E+00	0.00E+00	8.12E-06
2411	ALL	462822.4	3774089	NonCancer	0.00E+00	2.75E-09	0.00E+00	1.95E-10	1.95E-10	9.18E-08	8.05E-06	0.00E+00	8.47E-09	0.00E+00	1.95E-10	3.14E-07	0.00E+00	0.00E+00	8.05E-06
2412	ALL	462908.8	3774164	NonCancer	0.00E+00	2.86E-09	0.00E+00	2.02E-10	2.02E-10	9.52E-08	8.17E-06	0.00E+00	8.79E-09	0.00E+00	2.02E-10	3.26E-07	0.00E+00	0.00E+00	8.17E-06
2413	ALL	462900.2	3774161	NonCancer	0.00E+00	2.83E-09	0.00E+00	2.00E-10	2.00E-10	9.44E-08	8.12E-06	0.00E+00	8.72E-09	0.00E+00	2.00E-10	3.23E-07	0.00E+00	0.00E+00	8.12E-06
2414	ALL	462891.5	3774157	NonCancer	0.00E+00	2.81E-09	0.00E+00	1.99E-10	1.99E-10	9.37E-08	8.07E-06	0.00E+00	8.65E-09	0.00E+00	1.99E-10	3.21E-07	0.00E+00	0.00E+00	8.07E-06
2415	ALL	462882.9	3774154	NonCancer	0.00E+00	2.79E-09	0.00E+00	1.97E-10	1.97E-10	9.30E-08	8.02E-06	0.00E+00	8.58E-09	0.00E+00	1.97E-10	3.18E-07	0.00E+00	0.00E+00	8.02E-06
2416	ALL	462874.2	3774150	NonCancer	0.00E+00	2.76E-09	0.00E+00	1.95E-10	1.95E-10	9.21E-08	7.96E-06	0.00E+00	8.50E-09	0.00E+00	1.95E-10	3.15E-07	0.00E+00	0.00E+00	7.96E-06
2417	ALL	462865.6	3774146	NonCancer	0.00E+00	2.73E-09	0.00E+00	1.93E-10	1.93E-10	9.09E-08	7.87E-06	0.00E+00	8.39E-09	0.00E+00	1.93E-10	3.11E-07	0.00E+00	0.00E+00	7.87E-06
2418	ALL	462856.9	3774143	NonCancer	0.00E+00	2.69E-09	0.00E+00	1.90E-10	1.90E-10	8.96E-08	7.77E-06	0.00E+00	8.27E-09	0.00E+00	1.90E-10	3.07E-07	0.00E+00	0.00E+00	7.77E-06
2419	ALL	462848.2	3774139	NonCancer	0.00E+00	2.65E-09	0.00E+00	1.87E-10	1.87E-10	8.83E-08	7.67E-06	0.00E+00	8.15E-09	0.00E+00	1.87E-10	3.02E-07	0.00E+00	0.00E+00	7.67E-06
2420	ALL	462839.6	3774136	NonCancer	0.00E+00	2.62E-09	0.00E+00	1.85E-10	1.85E-10	8.75E-08	7.62E-06	0.00E+00	8.08E-09	0.00E+00	1.85E-10	2.99E-07	0.00E+00	0.00E+00	7.62E-06
2421	ALL	462830.9	3774132	NonCancer	0.00E+00	2.61E-09	0.00E+00	1.84E-10	1.84E-10	8.69E-08	7.58E-06	0.00E+00	8.02E-09	0.00E+00	1.84E-10	2.97E-07	0.00E+00	0.00E+00	7.58E-06
2422	ALL	462822.3	3774129	NonCancer	0.00E+00	2.59E-09	0.00E+00	1.83E-10	1.83E-10	8.63E-08	7.54E-06	0.00E+00	7.97E-09	0.00E+00	1.83E-10	2.95E-07	0.00E+00	0.00E+00	7.54E-06
2423	ALL	462929.8	3774088	NonCancer	0.00E+00	3.36E-09	0.00E+00	2.37E-10	2.37E-10	1.12E-07	9.63E-06	0.00E+00	1.03E-08	0.00E+00	2.37E-10	3.84E-07	0.00E+00	0.00E+00	9.63E-06
2424	ALL	462939.1	3774088	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	9.78E-06	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.90E-07	0.00E+00	0.00E+00	9.78E-06
2425	ALL	462948.5	3774088	NonCancer	0.00E+00	3.49E-09	0.00E+00	2.47E-10	2.47E-10	1.16E-07	9.97E-06	0.00E+00	1.08E-08	0.00E+00	2.47E-10	3.99E-07	0.00E+00	0.00E+00	9.97E-06
2426	ALL	462957.8	3774088	NonCancer	0.00E+00	3.57E-09	0.00E+00	2.52E-10	2.52E-10	1.19E-07	1.02E-05	0.00E+00	1.10E-08	0.00E+00	2.52E-10	4.07E-07	0.00E+00	0.00E+00	1.02E-05
2427	ALL	462967.1	3774088	NonCancer	0.00E+00	3.65E-09	0.00E+00	2.58E-10	2.58E-10	1.22E-07	1.04E-05	0.00E+00	1.12E-08	0.00E+00	2.58E-10	4.16E-07	0.00E+00	0.00E+00	1.04E-05
2428	ALL	462976.4	3774088	NonCancer	0.00E+00	3.72E-09	0.00E+00	2.63E-10	2.63E-10	1.24E-07	1.06E-05	0.00E+00	1.14E-08	0.00E+00	2.63E-10	4.24E-07	0.00E+00	0.00E+00	1.06E-05

2429	ALL	462985.8	3774088	NonCancer	0.00E+00	3.79E-09	0.00E+00	2.68E-10	2.68E-10	1.26E-07	1.07E-05	0.00E+00	1.17E-08	0.00E+00	2.68E-10	4.33E-07	0.00E+00	0.00E+00	1.07E-05
2430	ALL	462995.1	3774088	NonCancer	0.00E+00	3.87E-09	0.00E+00	2.73E-10	2.73E-10	1.29E-07	1.09E-05	0.00E+00	1.19E-08	0.00E+00	2.73E-10	4.42E-07	0.00E+00	0.00E+00	1.09E-05
2431	ALL	462929.8	3774128	NonCancer	0.00E+00	3.16E-09	0.00E+00	2.24E-10	2.24E-10	1.05E-07	9.04E-06	0.00E+00	9.74E-09	0.00E+00	2.24E-10	3.61E-07	0.00E+00	0.00E+00	9.04E-06
2432	ALL	462939.1	3774128	NonCancer	0.00E+00	3.22E-09	0.00E+00	2.27E-10	2.27E-10	1.07E-07	9.18E-06	0.00E+00	9.91E-09	0.00E+00	2.27E-10	3.67E-07	0.00E+00	0.00E+00	9.18E-06
2433	ALL	462948.5	3774128	NonCancer	0.00E+00	3.28E-09	0.00E+00	2.32E-10	2.32E-10	1.10E-07	9.34E-06	0.00E+00	1.01E-08	0.00E+00	2.32E-10	3.75E-07	0.00E+00	0.00E+00	9.34E-06
2434	ALL	462957.8	3774128	NonCancer	0.00E+00	3.35E-09	0.00E+00	2.37E-10	2.37E-10	1.12E-07	9.51E-06	0.00E+00	1.03E-08	0.00E+00	2.37E-10	3.82E-07	0.00E+00	0.00E+00	9.51E-06
2435	ALL	462967.1	3774128	NonCancer	0.00E+00	3.42E-09	0.00E+00	2.42E-10	2.42E-10	1.14E-07	9.69E-06	0.00E+00	1.05E-08	0.00E+00	2.42E-10	3.90E-07	0.00E+00	0.00E+00	9.69E-06
2436	ALL	462976.4	3774128	NonCancer	0.00E+00	3.49E-09	0.00E+00	2.46E-10	2.46E-10	1.16E-07	9.86E-06	0.00E+00	1.07E-08	0.00E+00	2.46E-10	3.98E-07	0.00E+00	0.00E+00	9.86E-06
2437	ALL	462985.8	3774128	NonCancer	0.00E+00	3.55E-09	0.00E+00	2.51E-10	2.51E-10	1.19E-07	1.00E-05	0.00E+00	1.09E-08	0.00E+00	2.51E-10	4.06E-07	0.00E+00	0.00E+00	1.00E-05
2438	ALL	462995.1	3774128	NonCancer	0.00E+00	3.62E-09	0.00E+00	2.56E-10	2.56E-10	1.21E-07	1.02E-05	0.00E+00	1.12E-08	0.00E+00	2.56E-10	4.14E-07	0.00E+00	0.00E+00	1.02E-05
2439	ALL	463004.4	3774128	NonCancer	0.00E+00	3.70E-09	0.00E+00	2.61E-10	2.61E-10	1.23E-07	1.04E-05	0.00E+00	1.14E-08	0.00E+00	2.61E-10	4.22E-07	0.00E+00	0.00E+00	1.04E-05

* MODELING OPTIONS USED: RegDFAULT CONC ELEV URBAN ADJ_U*
* PLOT FILE OF PERIOD VALUES FOR SOURCE GROUP: ALL
* FOR A TOTAL OF 2439 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM HRS	NET ID
463043.37000	3773290.55000	1.6204990e-03	383.00	383.00	0.00	PERIOD	ALL	00043848	
463054.62000	3773282.05000	2.0858410e-03	383.00	383.00	0.00	PERIOD	ALL	00043848	
463050.81000	3773297.14000	1.3701160e-03	383.03	383.03	0.00	PERIOD	ALL	00043848	
463062.19000	3773288.58000	1.6863170e-03	383.00	383.00	0.00	PERIOD	ALL	00043848	
463058.95000	3773303.41000	1.1926140e-03	383.24	383.24	0.00	PERIOD	ALL	00043848	
463046.83000	3773308.96000	1.0659080e-03	383.42	383.42	0.00	PERIOD	ALL	00043848	
463069.77000	3773295.11000	1.4162010e-03	383.00	383.00	0.00	PERIOD	ALL	00043848	
463066.38000	3773310.00000	1.0486740e-03	383.46	383.46	0.00	PERIOD	ALL	00043848	
463053.99000	3773315.68000	9.4807680e-04	383.64	383.64	0.00	PERIOD	ALL	00043848	
463041.60000	3773321.36000	8.5486160e-04	383.83	383.83	0.00	PERIOD	ALL	00043848	
463077.34000	3773301.64000	1.2202030e-03	383.18	383.18	0.00	PERIOD	ALL	00043848	
463073.84000	3773316.59000	9.3491210e-04	383.68	383.68	0.00	PERIOD	ALL	00043848	
463061.22000	3773322.37000	8.5275150e-04	383.87	383.87	0.00	PERIOD	ALL	00043848	
463048.60000	3773328.15000	7.7662160e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463084.91000	3773308.17000	1.0711670e-03	383.39	383.39	0.00	PERIOD	ALL	00043848	
463088.81000	3773329.73000	7.6717490e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463075.82000	3773335.68000	7.0973970e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463062.84000	3773341.63000	6.5623260e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463049.86000	3773347.57000	6.0655200e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463100.06000	3773321.24000	8.5948060e-04	383.83	383.83	0.00	PERIOD	ALL	00043848	
463103.82000	3773342.85000	6.5052190e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463090.56000	3773348.92000	6.0780280e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463077.31000	3773355.00000	5.6767770e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463064.06000	3773361.07000	5.2975210e-04	384.16	384.16	0.00	PERIOD	ALL	00043848	
463050.81000	3773367.14000	4.9386210e-04	384.36	384.36	0.00	PERIOD	ALL	00043848	
463115.20000	3773334.30000	7.1700210e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463119.21000	3773355.80000	5.6592930e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463106.46000	3773361.64000	5.3396970e-04	384.18	384.18	0.00	PERIOD	ALL	00043848	
463093.70000	3773367.49000	5.0353400e-04	384.37	384.37	0.00	PERIOD	ALL	00043848	
463080.95000	3773373.33000	4.7486000e-04	384.57	384.57	0.00	PERIOD	ALL	00043848	
463068.19000	3773379.17000	4.4779640e-04	384.76	384.76	0.00	PERIOD	ALL	00043848	
463055.44000	3773385.02000	4.2194870e-04	384.96	384.96	0.00	PERIOD	ALL	00043848	
463042.68000	3773390.86000	3.9750380e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463130.35000	3773347.36000	6.1545500e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463134.25000	3773368.91000	5.0036640e-04	384.42	384.42	0.00	PERIOD	ALL	00043848	
463121.26000	3773374.86000	4.7426980e-04	384.62	384.62	0.00	PERIOD	ALL	00043848	
463108.28000	3773380.81000	4.4941740e-04	384.82	384.82	0.00	PERIOD	ALL	00043848	
463095.30000	3773386.76000	4.2597390e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463082.32000	3773392.70000	4.0421950e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463069.33000	3773398.65000	3.8349420e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463056.35000	3773404.60000	3.6357690e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463043.37000	3773410.55000	3.4429430e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463145.50000	3773360.42000	5.3986740e-04	384.14	384.14	0.00	PERIOD	ALL	00043848	
463149.30000	3773382.02000	4.4956540e-04	384.86	384.86	0.00	PERIOD	ALL	00043848	
463136.13000	3773388.05000	4.2779660e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463122.96000	3773394.08000	4.0726180e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463109.79000	3773400.12000	3.8781820e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463096.62000	3773406.15000	3.6947860e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463083.44000	3773412.19000	3.5202850e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463070.27000	3773418.22000	3.3521820e-04	385.06	385.06	0.00	PERIOD	ALL	00043848	
463057.10000	3773424.25000	3.1872290e-04	385.26	385.26	0.00	PERIOD	ALL	00043848	
463043.93000	3773430.29000	3.0266260e-04	385.47	385.47	0.00	PERIOD	ALL	00043848	
463160.64000	3773373.48000	4.8182530e-04	384.57	384.57	0.00	PERIOD	ALL	00043848	
463164.62000	3773395.00000	4.1042810e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463151.81000	3773400.87000	3.9255050e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463138.99000	3773406.74000	3.7546270e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463126.17000	3773412.61000	3.5923170e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463113.36000	3773418.48000	3.4375360e-04	385.07	385.07	0.00	PERIOD	ALL	00043848	
463100.54000	3773424.35000	3.2885010e-04	385.27	385.27	0.00	PERIOD	ALL	00043848	
463087.72000	3773430.23000	3.1458140e-04	385.46	385.46	0.00	PERIOD	ALL	00043848	
463074.91000	3773436.10000	3.0083180e-04	385.66	385.66	0.00	PERIOD	ALL	00043848	
463062.09000	3773441.97000	2.8750450e-04	385.85	385.85	0.00	PERIOD	ALL	00043848	
463049.28000	3773447.84000	2.7458250e-04	386.00	386.00	0.00	PERIOD	ALL	00043848	
463175.79000	3773386.54000	4.3672500e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463179.68000	3773408.10000	3.7926290e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463166.70000	3773414.04000	3.6341310e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463153.72000	3773419.99000	3.4811090e-04	385.12	385.12	0.00	PERIOD	ALL	00043848	
463140.74000	3773425.94000	3.3345360e-04	385.32	385.32	0.00	PERIOD	ALL	00043848	
463127.75000	3773431.89000	3.1953410e-04	385.52	385.52	0.00	PERIOD	ALL	00043848	
463114.77000	3773437.83000	3.0632840e-04	385.72	385.72	0.00	PERIOD	ALL	00043848	
463101.79000	3773443.78000	2.9372530e-04	385.91	385.91	0.00	PERIOD	ALL	00043848	
463088.81000	3773449.73000	2.8174380e-04	386.00	386.00	0.00	PERIOD	ALL	00043848	
463075.82000	3773455.68000	2.7026070e-04	386.00	386.00	0.00	PERIOD	ALL	00043848	
463190.94000	3773399.60000	4.0185500e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	

463194.76000	3773421.19000	3.5452750e-04	385.16	385.16	0.00	PERIOD	ALL	00043848
463181.63000	3773427.20000	3.3982950e-04	385.36	385.36	0.00	PERIOD	ALL	00043848
463168.51000	3773433.22000	3.2578510e-04	385.56	385.56	0.00	PERIOD	ALL	00043848
463155.38000	3773439.23000	3.1245210e-04	385.76	385.76	0.00	PERIOD	ALL	00043848
463142.25000	3773445.24000	2.9981350e-04	385.96	385.96	0.00	PERIOD	ALL	00043848
463129.12000	3773451.26000	2.8799920e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463116.00000	3773457.27000	2.7682630e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463206.08000	3773412.66000	3.7460280e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463209.84000	3773434.28000	3.3500620e-04	385.60	385.60	0.00	PERIOD	ALL	00043848
463196.59000	3773440.35000	3.2114050e-04	385.80	385.80	0.00	PERIOD	ALL	00043848
463183.34000	3773446.42000	3.0799020e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463170.08000	3773452.49000	2.9575520e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463156.83000	3773458.57000	2.8419410e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463221.23000	3773425.72000	3.5338000e-04	385.31	385.31	0.00	PERIOD	ALL	00043848
463225.12000	3773447.28000	3.2048660e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463212.14000	3773453.23000	3.0753280e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463199.16000	3773459.17000	2.9536400e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463236.37000	3773438.78000	3.3749870e-04	385.75	385.75	0.00	PERIOD	ALL	00043848
463259.09000	3773458.38000	3.2333400e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463037.17000	3773873.39000	8.1037690e-05	392.81	392.81	0.00	PERIOD	ALL	00043848
463129.86000	3773870.92000	1.0152660e-04	392.15	392.15	0.00	PERIOD	ALL	00043848
463116.66000	3773876.97000	9.7116900e-05	392.35	392.35	0.00	PERIOD	ALL	00043848
463103.45000	3773883.02000	9.2987790e-05	392.56	392.56	0.00	PERIOD	ALL	00043848
463090.25000	3773889.07000	8.9147930e-05	392.76	392.76	0.00	PERIOD	ALL	00043848
463077.04000	3773895.12000	8.5546820e-05	392.96	392.96	0.00	PERIOD	ALL	00043848
463063.84000	3773901.17000	8.2402940e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
463050.64000	3773907.22000	7.9506370e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
463037.43000	3773913.27000	7.6777980e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
463214.64000	3773872.08000	1.3278020e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463201.50000	3773878.10000	1.2553960e-04	392.11	392.11	0.00	PERIOD	ALL	00043848
463188.37000	3773884.12000	1.1866780e-04	392.42	392.42	0.00	PERIOD	ALL	00043848
463175.23000	3773890.14000	1.1231370e-04	392.79	392.79	0.00	PERIOD	ALL	00043848
463162.09000	3773896.16000	1.0676130e-04	392.99	392.99	0.00	PERIOD	ALL	00043848
463148.95000	3773902.18000	1.0195290e-04	393.00	393.00	0.00	PERIOD	ALL	00043848
463135.81000	3773908.20000	9.7540560e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
463122.67000	3773914.22000	9.3463520e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
463109.53000	3773920.23000	8.9684600e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
463096.39000	3773926.25000	8.6170540e-05	393.00	393.00	0.00	PERIOD	ALL	00043848
463083.25000	3773932.27000	8.2619150e-05	393.20	393.20	0.00	PERIOD	ALL	00043848
463070.11000	3773938.29000	7.9297610e-05	393.40	393.40	0.00	PERIOD	ALL	00043848
463056.98000	3773944.31000	7.6181240e-05	393.60	393.60	0.00	PERIOD	ALL	00043848
463043.84000	3773950.33000	7.3240440e-05	393.80	393.80	0.00	PERIOD	ALL	00043848
463308.74000	3773868.97000	2.1852180e-04	391.72	391.72	0.00	PERIOD	ALL	00043848
463295.51000	3773875.03000	1.9812020e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463282.28000	3773881.09000	1.8170920e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463269.05000	3773887.16000	1.6787090e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463255.81000	3773893.22000	1.5601100e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463242.58000	3773899.28000	1.4556350e-04	392.10	392.10	0.00	PERIOD	ALL	00043848
463229.35000	3773905.34000	1.3622420e-04	392.30	392.30	0.00	PERIOD	ALL	00043848
463216.12000	3773911.40000	1.2793380e-04	392.50	392.50	0.00	PERIOD	ALL	00043848
463202.89000	3773917.46000	1.2041060e-04	392.77	392.77	0.00	PERIOD	ALL	00043848
463189.66000	3773923.53000	1.1373110e-04	392.97	392.97	0.00	PERIOD	ALL	00043848
463176.43000	3773929.59000	1.0776570e-04	393.11	393.11	0.00	PERIOD	ALL	00043848
463163.20000	3773935.65000	1.0225150e-04	393.31	393.31	0.00	PERIOD	ALL	00043848
463149.96000	3773941.71000	9.7201800e-05	393.51	393.51	0.00	PERIOD	ALL	00043848
463136.73000	3773947.77000	9.2553770e-05	393.71	393.71	0.00	PERIOD	ALL	00043848
463123.50000	3773953.83000	8.8241260e-05	393.92	393.92	0.00	PERIOD	ALL	00043848
463110.27000	3773959.90000	8.4427140e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
463097.04000	3773965.96000	8.1002850e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
463083.81000	3773972.02000	7.7823400e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
463070.58000	3773978.08000	7.4863880e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
463057.35000	3773984.14000	7.2102470e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
463044.11000	3773990.20000	6.9348620e-05	394.13	394.13	0.00	PERIOD	ALL	00043848
463392.96000	3773870.39000	7.1455460e-04	391.14	391.14	0.00	PERIOD	ALL	00043848
463379.79000	3773876.42000	5.1047550e-04	391.34	391.34	0.00	PERIOD	ALL	00043848
463366.61000	3773882.46000	4.0067760e-04	391.54	391.54	0.00	PERIOD	ALL	00043848
463353.44000	3773888.49000	3.3160700e-04	391.74	391.74	0.00	PERIOD	ALL	00043848
463340.27000	3773894.52000	2.8386370e-04	391.94	391.94	0.00	PERIOD	ALL	00043848
463327.10000	3773900.56000	2.4888670e-04	392.01	392.01	0.00	PERIOD	ALL	00043848
463313.93000	3773906.59000	2.2171650e-04	392.18	392.18	0.00	PERIOD	ALL	00043848
463300.76000	3773912.63000	1.9968950e-04	392.52	392.52	0.00	PERIOD	ALL	00043848
463287.59000	3773918.66000	1.8175330e-04	392.74	392.74	0.00	PERIOD	ALL	00043848
463274.42000	3773924.69000	1.6672340e-04	392.95	392.95	0.00	PERIOD	ALL	00043848
463261.25000	3773930.73000	1.5415330e-04	393.00	393.00	0.00	PERIOD	ALL	00043848
463248.08000	3773936.76000	1.4337790e-04	393.00	393.00	0.00	PERIOD	ALL	00043848
463234.91000	3773942.80000	1.3397300e-04	393.00	393.00	0.00	PERIOD	ALL	00043848
463221.74000	3773948.83000	1.2568860e-04	393.00	393.00	0.00	PERIOD	ALL	00043848
463208.57000	3773954.86000	1.1828990e-04	393.03	393.03	0.00	PERIOD	ALL	00043848
463195.40000	3773960.90000	1.1099440e-04	393.56	393.56	0.00	PERIOD	ALL	00043848
463182.22000	3773966.93000	1.0455390e-04	393.94	393.94	0.00	PERIOD	ALL	00043848
463169.05000	3773972.97000	9.9143840e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
463155.88000	3773979.00000	9.4308040e-05	394.00	394.00	0.00	PERIOD	ALL	00043848

463142.71000	3773985.03000	8.9894600e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
463129.54000	3773991.07000	8.5698340e-05	394.11	394.11	0.00	PERIOD	ALL	00043848
463116.37000	3773997.10000	8.1634110e-05	394.36	394.36	0.00	PERIOD	ALL	00043848
463103.20000	3774003.14000	7.7938760e-05	394.56	394.56	0.00	PERIOD	ALL	00043848
463090.03000	3774009.17000	7.4515190e-05	394.76	394.76	0.00	PERIOD	ALL	00043848
463076.86000	3774015.20000	7.1330460e-05	394.96	394.96	0.00	PERIOD	ALL	00043848
463063.69000	3774021.24000	6.8570630e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
463050.52000	3774027.27000	6.6050030e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
463408.64000	3773903.20000	1.4981950e-03	392.00	392.00	0.00	PERIOD	ALL	00043848
463395.38000	3773909.28000	7.7298950e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463382.13000	3773915.35000	5.3339680e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463368.88000	3773921.42000	4.1127200e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463355.63000	3773927.49000	3.3648850e-04	392.04	392.04	0.00	PERIOD	ALL	00043848
463342.37000	3773933.56000	2.8543540e-04	392.24	392.24	0.00	PERIOD	ALL	00043848
463329.12000	3773939.63000	2.4821880e-04	392.45	392.45	0.00	PERIOD	ALL	00043848
463315.87000	3773945.71000	2.1944140e-04	392.81	392.81	0.00	PERIOD	ALL	00043848
463302.61000	3773951.78000	1.9681540e-04	392.99	392.99	0.00	PERIOD	ALL	00043848
463289.36000	3773957.85000	1.7853640e-04	393.05	393.05	0.00	PERIOD	ALL	00043848
463276.11000	3773963.92000	1.6310010e-04	393.25	393.25	0.00	PERIOD	ALL	00043848
463262.85000	3773969.99000	1.4997480e-04	393.46	393.46	0.00	PERIOD	ALL	00043848
463249.60000	3773976.06000	1.3868810e-04	393.66	393.66	0.00	PERIOD	ALL	00043848
463236.35000	3773982.14000	1.2885040e-04	393.86	393.86	0.00	PERIOD	ALL	00043848
463223.10000	3773988.21000	1.2028380e-04	394.00	394.00	0.00	PERIOD	ALL	00043848
463209.84000	3773994.28000	1.1288970e-04	394.00	394.00	0.00	PERIOD	ALL	00043848
463196.59000	3774000.35000	1.0631350e-04	394.00	394.00	0.00	PERIOD	ALL	00043848
463183.34000	3774006.42000	1.0042520e-04	394.00	394.00	0.00	PERIOD	ALL	00043848
463170.08000	3774012.49000	9.5121210e-05	394.00	394.00	0.00	PERIOD	ALL	00043848
463156.83000	3774018.57000	9.0233570e-05	394.07	394.07	0.00	PERIOD	ALL	00043848
463143.58000	3774024.64000	8.5410520e-05	394.42	394.42	0.00	PERIOD	ALL	00043848
463130.32000	3774030.71000	8.0927200e-05	394.81	394.81	0.00	PERIOD	ALL	00043848
463117.07000	3774036.78000	7.7062260e-05	395.00	395.00	0.00	PERIOD	ALL	00043848
463400.32000	3773947.01000	9.5000840e-04	392.69	392.69	0.00	PERIOD	ALL	00043848
463387.13000	3773953.06000	6.0235070e-04	392.89	392.89	0.00	PERIOD	ALL	00043848
463373.93000	3773959.10000	4.4618090e-04	393.00	393.00	0.00	PERIOD	ALL	00043848
463360.73000	3773965.15000	3.5638000e-04	393.00	393.00	0.00	PERIOD	ALL	00043848
463347.54000	3773971.20000	2.9763130e-04	393.00	393.00	0.00	PERIOD	ALL	00043848
463334.34000	3773977.24000	2.5588110e-04	393.00	393.00	0.00	PERIOD	ALL	00043848
463321.14000	3773983.29000	2.2416680e-04	393.26	393.26	0.00	PERIOD	ALL	00043848
463307.95000	3773989.33000	1.9896620e-04	393.75	393.75	0.00	PERIOD	ALL	00043848
463294.75000	3773995.38000	1.7887140e-04	394.00	394.00	0.00	PERIOD	ALL	00043848
463281.55000	3774001.43000	1.6263450e-04	394.00	394.00	0.00	PERIOD	ALL	00043848
463268.36000	3774007.47000	1.4900120e-04	394.00	394.00	0.00	PERIOD	ALL	00043848
463255.16000	3774013.52000	1.3737060e-04	394.00	394.00	0.00	PERIOD	ALL	00043848
463241.96000	3774019.56000	1.2718700e-04	394.11	394.11	0.00	PERIOD	ALL	00043848
463228.77000	3774025.61000	1.1817820e-04	394.31	394.31	0.00	PERIOD	ALL	00043848
463215.57000	3774031.66000	1.1023780e-04	394.51	394.51	0.00	PERIOD	ALL	00043848
463202.37000	3774037.70000	1.0320010e-04	394.71	394.71	0.00	PERIOD	ALL	00043848
463096.80000	3774086.07000	6.7098280e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
463083.60000	3774092.11000	6.4346550e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
463070.40000	3774098.16000	6.1804010e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
463057.21000	3774104.21000	5.9449770e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
463044.01000	3774110.25000	5.7106190e-05	396.13	396.13	0.00	PERIOD	ALL	00043848
463510.54000	3773936.52000	2.8319250e-04	391.98	391.98	0.00	PERIOD	ALL	00043848
463497.39000	3773942.54000	3.2310090e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463484.24000	3773948.57000	3.7843940e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463471.10000	3773954.59000	4.6109680e-04	392.27	392.27	0.00	PERIOD	ALL	00043848
463457.95000	3773960.61000	6.0249330e-04	392.76	392.76	0.00	PERIOD	ALL	00043848
463444.81000	3773966.63000	9.0328130e-04	393.00	393.00	0.00	PERIOD	ALL	00043848
463405.37000	3773984.70000	1.2731530e-03	393.00	393.00	0.00	PERIOD	ALL	00043848
463392.22000	3773990.72000	7.0354190e-04	393.15	393.15	0.00	PERIOD	ALL	00043848
463379.08000	3773996.75000	4.9410430e-04	393.35	393.35	0.00	PERIOD	ALL	00043848
463365.93000	3774002.77000	3.8251070e-04	393.55	393.55	0.00	PERIOD	ALL	00043848
463352.79000	3774008.79000	3.1259920e-04	393.75	393.75	0.00	PERIOD	ALL	00043848
463339.64000	3774014.81000	2.6437260e-04	393.95	393.95	0.00	PERIOD	ALL	00043848
463326.49000	3774020.84000	2.2888380e-04	394.15	394.15	0.00	PERIOD	ALL	00043848
463313.35000	3774026.86000	2.0154610e-04	394.35	394.35	0.00	PERIOD	ALL	00043848
463300.20000	3774032.88000	1.7973420e-04	394.55	394.55	0.00	PERIOD	ALL	00043848
463287.06000	3774038.90000	1.6191450e-04	394.75	394.75	0.00	PERIOD	ALL	00043848
463195.04000	3774081.06000	9.4080710e-05	395.16	395.16	0.00	PERIOD	ALL	00043848
463181.89000	3774087.09000	8.8378810e-05	395.36	395.36	0.00	PERIOD	ALL	00043848
463168.74000	3774093.11000	8.3263980e-05	395.56	395.56	0.00	PERIOD	ALL	00043848
463155.60000	3774099.13000	7.8660650e-05	395.76	395.76	0.00	PERIOD	ALL	00043848
463142.45000	3774105.15000	7.4481210e-05	395.97	395.97	0.00	PERIOD	ALL	00043848
463129.31000	3774111.18000	7.0769330e-05	396.11	396.11	0.00	PERIOD	ALL	00043848
463116.16000	3774117.20000	6.7240030e-05	396.36	396.36	0.00	PERIOD	ALL	00043848
463103.01000	3774123.22000	6.4065750e-05	396.56	396.56	0.00	PERIOD	ALL	00043848
463089.87000	3774129.24000	6.1149320e-05	396.76	396.76	0.00	PERIOD	ALL	00043848
463076.72000	3774135.27000	5.8453010e-05	396.96	396.96	0.00	PERIOD	ALL	00043848
463063.58000	3774141.29000	5.6141140e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
463050.43000	3774147.31000	5.4041750e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
463037.28000	3774153.33000	5.2090850e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
463605.87000	3773932.85000	1.5391610e-04	390.84	390.84	0.00	PERIOD	ALL	00043848

463592.65000	3773938.90000	1.6302470e-04	391.10	391.10	0.00	PERIOD	ALL	00043848
463579.43000	3773944.96000	1.7355790e-04	391.42	391.42	0.00	PERIOD	ALL	00043848
463566.21000	3773951.01000	1.8593280e-04	391.82	391.82	0.00	PERIOD	ALL	00043848
463552.99000	3773957.07000	2.0082910e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463539.77000	3773963.13000	2.1899950e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463526.56000	3773969.18000	2.4132400e-04	392.19	392.19	0.00	PERIOD	ALL	00043848
463513.34000	3773975.24000	2.6958140e-04	392.55	392.55	0.00	PERIOD	ALL	00043848
463500.12000	3773981.29000	3.0685710e-04	392.83	392.83	0.00	PERIOD	ALL	00043848
463486.90000	3773987.35000	3.5806090e-04	393.00	393.00	0.00	PERIOD	ALL	00043848
463473.68000	3773993.41000	4.3350670e-04	393.00	393.00	0.00	PERIOD	ALL	00043848
463460.46000	3773999.46000	5.5837440e-04	393.00	393.00	0.00	PERIOD	ALL	00043848
463447.24000	3774005.52000	8.1043320e-04	393.05	393.05	0.00	PERIOD	ALL	00043848
463394.37000	3774029.74000	7.6064220e-04	394.00	394.00	0.00	PERIOD	ALL	00043848
463381.15000	3774035.80000	5.1408370e-04	394.00	394.00	0.00	PERIOD	ALL	00043848
463275.40000	3774084.24000	1.4153090e-04	395.00	395.00	0.00	PERIOD	ALL	00043848
463262.18000	3774090.30000	1.2896690e-04	395.12	395.12	0.00	PERIOD	ALL	00043848
463248.96000	3774096.36000	1.1796990e-04	395.46	395.46	0.00	PERIOD	ALL	00043848
463235.75000	3774102.41000	1.0840610e-04	395.87	395.87	0.00	PERIOD	ALL	00043848
463222.53000	3774108.47000	1.0050150e-04	396.00	396.00	0.00	PERIOD	ALL	00043848
463209.31000	3774114.52000	9.3788350e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
463196.09000	3774120.58000	8.7899140e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
463182.87000	3774126.64000	8.2698360e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
463169.65000	3774132.69000	7.8077770e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
463156.43000	3774138.75000	7.3846350e-05	396.08	396.08	0.00	PERIOD	ALL	00043848
463143.22000	3774144.80000	6.9697840e-05	396.44	396.44	0.00	PERIOD	ALL	00043848
463130.00000	3774150.86000	6.5904430e-05	396.82	396.82	0.00	PERIOD	ALL	00043848
463116.78000	3774156.91000	6.2673920e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
463103.56000	3774162.97000	5.9927620e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
463090.34000	3774169.03000	5.7311680e-05	397.09	397.09	0.00	PERIOD	ALL	00043848
463077.12000	3774175.08000	5.4781960e-05	397.29	397.29	0.00	PERIOD	ALL	00043848
463063.90000	3774181.14000	5.2442450e-05	397.49	397.49	0.00	PERIOD	ALL	00043848
463050.69000	3774187.19000	5.0266820e-05	397.70	397.70	0.00	PERIOD	ALL	00043848
463037.47000	3774193.25000	4.8253000e-05	397.90	397.90	0.00	PERIOD	ALL	00043848
463689.30000	3773934.62000	1.1255880e-04	390.28	390.28	0.00	PERIOD	ALL	00043848
463676.13000	3773940.66000	1.1671960e-04	390.48	390.48	0.00	PERIOD	ALL	00043848
463662.96000	3773946.69000	1.2132430e-04	390.68	390.68	0.00	PERIOD	ALL	00043848
463649.79000	3773952.73000	1.2645220e-04	390.88	390.88	0.00	PERIOD	ALL	00043848
463636.61000	3773958.76000	1.3222440e-04	391.00	391.00	0.00	PERIOD	ALL	00043848
463623.44000	3773964.79000	1.3876390e-04	391.06	391.06	0.00	PERIOD	ALL	00043848
463610.27000	3773970.83000	1.4611870e-04	391.31	391.31	0.00	PERIOD	ALL	00043848
463597.10000	3773976.86000	1.5448680e-04	391.71	391.71	0.00	PERIOD	ALL	00043848
463583.93000	3773982.90000	1.6428460e-04	391.95	391.95	0.00	PERIOD	ALL	00043848
463570.76000	3773988.93000	1.7588720e-04	392.00	392.00	0.00	PERIOD	ALL	00043848
463557.59000	3773994.96000	1.8961630e-04	392.12	392.12	0.00	PERIOD	ALL	00043848
463544.42000	3774001.00000	2.0605280e-04	392.41	392.41	0.00	PERIOD	ALL	00043848
463531.25000	3774007.03000	2.2624060e-04	392.78	392.78	0.00	PERIOD	ALL	00043848
463518.08000	3774013.07000	2.5173710e-04	392.97	392.97	0.00	PERIOD	ALL	00043848
463504.91000	3774019.10000	2.8484040e-04	393.01	393.01	0.00	PERIOD	ALL	00043848
463491.74000	3774025.13000	3.2937370e-04	393.18	393.18	0.00	PERIOD	ALL	00043848
463478.57000	3774031.17000	3.9297530e-04	393.49	393.49	0.00	PERIOD	ALL	00043848
463465.40000	3774037.20000	4.9316390e-04	393.70	393.70	0.00	PERIOD	ALL	00043848
463452.22000	3774043.24000	6.7832100e-04	393.90	393.90	0.00	PERIOD	ALL	00043848
463360.03000	3774085.47000	3.3016270e-04	395.30	395.30	0.00	PERIOD	ALL	00043848
463346.86000	3774091.51000	2.7038220e-04	395.51	395.51	0.00	PERIOD	ALL	00043848
463333.69000	3774097.54000	2.2803940e-04	395.71	395.71	0.00	PERIOD	ALL	00043848
463320.52000	3774103.58000	1.9696750e-04	395.63	395.63	0.00	PERIOD	ALL	00043848
463307.35000	3774109.61000	1.7325430e-04	395.34	395.34	0.00	PERIOD	ALL	00043848
463294.18000	3774115.64000	1.5402400e-04	395.31	395.31	0.00	PERIOD	ALL	00043848
463281.01000	3774121.68000	1.3808350e-04	395.51	395.51	0.00	PERIOD	ALL	00043848
463267.83000	3774127.71000	1.2486680e-04	395.73	395.73	0.00	PERIOD	ALL	00043848
463254.66000	3774133.75000	1.1378640e-04	395.96	395.96	0.00	PERIOD	ALL	00043848
463241.49000	3774139.78000	1.0449780e-04	396.11	396.11	0.00	PERIOD	ALL	00043848
463228.32000	3774145.81000	9.6460240e-05	396.32	396.32	0.00	PERIOD	ALL	00043848
463215.15000	3774151.85000	8.9516780e-05	396.52	396.52	0.00	PERIOD	ALL	00043848
463201.98000	3774157.88000	8.3458520e-05	396.72	396.72	0.00	PERIOD	ALL	00043848
463188.81000	3774163.91000	7.8129880e-05	396.92	396.92	0.00	PERIOD	ALL	00043848
463175.64000	3774169.95000	7.3553910e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
463162.47000	3774175.98000	6.9577970e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
463149.30000	3774182.02000	6.6008650e-05	397.01	397.01	0.00	PERIOD	ALL	00043848
463136.13000	3774188.05000	6.2435710e-05	397.33	397.33	0.00	PERIOD	ALL	00043848
463122.96000	3774194.08000	5.8997430e-05	397.82	397.82	0.00	PERIOD	ALL	00043848
463109.79000	3774200.12000	5.6196180e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
463096.62000	3774206.15000	5.3828080e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
463083.44000	3774212.19000	5.1656080e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
463070.27000	3774218.22000	4.9660150e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
463057.10000	3774224.25000	4.7817100e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
463043.93000	3774230.29000	4.5980150e-05	398.13	398.13	0.00	PERIOD	ALL	00043848
463039.16000	3773233.39000	5.6015060e-03	382.90	382.90	0.00	PERIOD	ALL	00043848
463039.14000	3773223.97000	5.7338430e-03	382.59	382.59	0.00	PERIOD	ALL	00043848
463039.12000	3773214.54000	5.9118400e-03	382.27	382.27	0.00	PERIOD	ALL	00043848
463039.10000	3773205.12000	6.1086730e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463039.08000	3773195.70000	6.3172280e-03	382.00	382.00	0.00	PERIOD	ALL	00043848

463039.07000	3773186.28000	6.4851740e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463039.05000	3773176.86000	6.5046750e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463039.03000	3773167.43000	6.1484000e-03	381.70	381.70	0.00	PERIOD	ALL	00043848
463039.01000	3773158.01000	5.2409830e-03	381.39	381.39	0.00	PERIOD	ALL	00043848
463038.99000	3773148.59000	4.0997430e-03	381.08	381.08	0.00	PERIOD	ALL	00043848
463049.16000	3773233.37000	4.0552120e-03	382.90	382.90	0.00	PERIOD	ALL	00043848
463049.14000	3773223.95000	4.0593130e-03	382.59	382.59	0.00	PERIOD	ALL	00043848
463049.12000	3773214.52000	4.1436110e-03	382.27	382.27	0.00	PERIOD	ALL	00043848
463049.10000	3773205.10000	4.2485680e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463049.08000	3773195.68000	4.3464900e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463049.07000	3773186.26000	4.3867610e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463049.05000	3773176.84000	4.3032850e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463049.03000	3773167.41000	4.0172290e-03	381.70	381.70	0.00	PERIOD	ALL	00043848
463049.01000	3773157.99000	3.5288520e-03	381.39	381.39	0.00	PERIOD	ALL	00043848
463048.99000	3773148.57000	2.9575410e-03	381.07	381.07	0.00	PERIOD	ALL	00043848
463059.16000	3773233.35000	3.2842760e-03	382.90	382.90	0.00	PERIOD	ALL	00043848
463059.14000	3773223.93000	3.1996180e-03	382.59	382.59	0.00	PERIOD	ALL	00043848
463059.12000	3773214.50000	3.2091520e-03	382.27	382.27	0.00	PERIOD	ALL	00043848
463059.10000	3773205.08000	3.2431770e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463059.08000	3773195.66000	3.2682330e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463059.07000	3773186.24000	3.2446170e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463059.05000	3773176.82000	3.1382410e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463059.03000	3773167.39000	2.9228090e-03	381.70	381.70	0.00	PERIOD	ALL	00043848
463059.01000	3773157.97000	2.6187650e-03	381.39	381.39	0.00	PERIOD	ALL	00043848
463058.99000	3773148.55000	2.2778210e-03	381.07	381.07	0.00	PERIOD	ALL	00043848
463069.16000	3773233.33000	2.8237470e-03	382.90	382.90	0.00	PERIOD	ALL	00043848
463069.14000	3773223.91000	2.6797350e-03	382.59	382.59	0.00	PERIOD	ALL	00043848
463069.12000	3773214.48000	2.6350280e-03	382.27	382.27	0.00	PERIOD	ALL	00043848
463069.10000	3773205.06000	2.6187740e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463069.08000	3773195.64000	2.5985010e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463069.07000	3773186.22000	2.5444520e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463069.05000	3773176.80000	2.4390180e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463069.03000	3773167.37000	2.2731260e-03	381.70	381.70	0.00	PERIOD	ALL	00043848
463069.01000	3773157.95000	2.0639720e-03	381.39	381.39	0.00	PERIOD	ALL	00043848
463068.99000	3773148.53000	1.8365900e-03	381.07	381.07	0.00	PERIOD	ALL	00043848
463079.16000	3773233.31000	2.5125670e-03	382.90	382.90	0.00	PERIOD	ALL	00043848
463079.14000	3773223.88000	2.3280580e-03	382.58	382.58	0.00	PERIOD	ALL	00043848
463079.12000	3773214.46000	2.2455780e-03	382.27	382.27	0.00	PERIOD	ALL	00043848
463079.10000	3773205.04000	2.1952770e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463079.08000	3773195.62000	2.1476060e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463079.07000	3773186.20000	2.0797010e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463079.05000	3773176.77000	1.9813340e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463079.03000	3773167.35000	1.8492050e-03	381.70	381.70	0.00	PERIOD	ALL	00043848
463079.01000	3773157.93000	1.6947400e-03	381.39	381.39	0.00	PERIOD	ALL	00043848
463078.99000	3773148.51000	1.5312030e-03	381.07	381.07	0.00	PERIOD	ALL	00043848
463073.00000	3773286.38000	1.7582480e-03	383.00	383.00	0.00	PERIOD	ALL	00043848
463089.16000	3773233.29000	2.2848700e-03	382.90	382.90	0.00	PERIOD	ALL	00043848
463089.14000	3773223.86000	2.0727020e-03	382.58	382.58	0.00	PERIOD	ALL	00043848
463089.12000	3773214.44000	1.9639130e-03	382.27	382.27	0.00	PERIOD	ALL	00043848
463089.10000	3773205.02000	1.8911440e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463089.08000	3773195.60000	1.8272280e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463089.07000	3773186.18000	1.7536080e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463089.05000	3773176.75000	1.6632890e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463089.03000	3773167.33000	1.5544130e-03	381.70	381.70	0.00	PERIOD	ALL	00043848
463089.01000	3773157.91000	1.4341950e-03	381.39	381.39	0.00	PERIOD	ALL	00043848
463088.99000	3773148.49000	1.3099310e-03	381.07	381.07	0.00	PERIOD	ALL	00043848
463080.46000	3773293.22000	1.4560080e-03	383.00	383.00	0.00	PERIOD	ALL	00043848
463099.16000	3773233.27000	2.1099980e-03	382.90	382.90	0.00	PERIOD	ALL	00043848
463099.14000	3773223.84000	1.8785660e-03	382.58	382.58	0.00	PERIOD	ALL	00043848
463099.12000	3773214.42000	1.7517300e-03	382.27	382.27	0.00	PERIOD	ALL	00043848
463099.10000	3773205.00000	1.6643730e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463099.08000	3773195.58000	1.5910090e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463099.07000	3773186.16000	1.5156690e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463099.05000	3773176.73000	1.4326510e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463099.03000	3773167.31000	1.3402430e-03	381.70	381.70	0.00	PERIOD	ALL	00043848
463099.01000	3773157.89000	1.2427370e-03	381.39	381.39	0.00	PERIOD	ALL	00043848
463098.99000	3773148.47000	1.1441600e-03	381.07	381.07	0.00	PERIOD	ALL	00043848
463094.01000	3773283.61000	1.8249790e-03	383.00	383.00	0.00	PERIOD	ALL	00043848
463109.16000	3773233.25000	1.9713680e-03	382.90	382.90	0.00	PERIOD	ALL	00043848
463109.14000	3773223.82000	1.7265080e-03	382.58	382.58	0.00	PERIOD	ALL	00043848
463109.12000	3773214.40000	1.5873880e-03	382.27	382.27	0.00	PERIOD	ALL	00043848
463109.10000	3773204.98000	1.4906770e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463109.08000	3773195.56000	1.4119630e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463109.07000	3773186.14000	1.3368340e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463109.05000	3773176.71000	1.2600070e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463109.03000	3773167.29000	1.1795500e-03	381.70	381.70	0.00	PERIOD	ALL	00043848
463109.01000	3773157.87000	1.0977330e-03	381.38	381.38	0.00	PERIOD	ALL	00043848
463108.99000	3773148.45000	1.0167430e-03	381.07	381.07	0.00	PERIOD	ALL	00043848
463113.00000	3773286.30000	1.6255970e-03	383.00	383.00	0.00	PERIOD	ALL	00043848
463109.77000	3773295.03000	1.3284300e-03	383.00	383.00	0.00	PERIOD	ALL	00043848
463106.53000	3773303.77000	1.1279250e-03	383.25	383.25	0.00	PERIOD	ALL	00043848
463103.29000	3773312.50000	9.7799200e-04	383.54	383.54	0.00	PERIOD	ALL	00043848

463129.16000	3773233.21000	1.7645850e-03	382.61	382.61	0.00	PERIOD	ALL	00043848
463129.14000	3773223.78000	1.5048240e-03	382.40	382.40	0.00	PERIOD	ALL	00043848
463129.12000	3773214.36000	1.3525500e-03	382.18	382.18	0.00	PERIOD	ALL	00043848
463129.10000	3773204.94000	1.2467200e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463129.08000	3773195.52000	1.1637350e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463129.07000	3773186.10000	1.0911600e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463129.05000	3773176.67000	1.0236860e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463129.03000	3773167.25000	9.5878310e-04	381.70	381.70	0.00	PERIOD	ALL	00043848
463129.01000	3773157.83000	8.9645080e-04	381.38	381.38	0.00	PERIOD	ALL	00043848
463128.99000	3773148.41000	8.3693560e-04	381.07	381.07	0.00	PERIOD	ALL	00043848
463130.65000	3773292.61000	1.3487110e-03	383.00	383.00	0.00	PERIOD	ALL	00043848
463127.56000	3773300.95000	1.1485680e-03	383.15	383.15	0.00	PERIOD	ALL	00043848
463121.38000	3773317.62000	8.8849690e-04	383.71	383.71	0.00	PERIOD	ALL	00043848
463149.16000	3773233.17000	1.6173590e-03	382.01	382.01	0.00	PERIOD	ALL	00043848
463149.14000	3773223.74000	1.3536770e-03	382.01	382.01	0.00	PERIOD	ALL	00043848
463149.12000	3773214.32000	1.1966520e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463149.10000	3773204.90000	1.0880720e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463149.08000	3773195.48000	1.0046210e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463149.07000	3773186.06000	9.3511240e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463149.05000	3773176.63000	8.7397890e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463149.03000	3773167.21000	8.1827100e-04	381.70	381.70	0.00	PERIOD	ALL	00043848
463149.01000	3773157.79000	7.6689440e-04	381.38	381.38	0.00	PERIOD	ALL	00043848
463148.99000	3773148.37000	7.1925610e-04	381.07	381.07	0.00	PERIOD	ALL	00043848
463153.00000	3773286.22000	1.5225930e-03	383.00	383.00	0.00	PERIOD	ALL	00043848
463149.77000	3773294.95000	1.2439410e-03	383.00	383.00	0.00	PERIOD	ALL	00043848
463146.53000	3773303.69000	1.0637770e-03	383.25	383.25	0.00	PERIOD	ALL	00043848
463143.29000	3773312.42000	9.3263030e-04	383.54	383.54	0.00	PERIOD	ALL	00043848
463140.06000	3773321.16000	8.3002030e-04	383.83	383.83	0.00	PERIOD	ALL	00043848
463136.82000	3773329.89000	7.4594920e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463133.59000	3773338.62000	6.7548820e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463169.16000	3773233.13000	1.5189430e-03	382.58	382.58	0.00	PERIOD	ALL	00043848
463169.14000	3773223.70000	1.2502810e-03	382.38	382.38	0.00	PERIOD	ALL	00043848
463169.12000	3773214.28000	1.0899010e-03	382.17	382.17	0.00	PERIOD	ALL	00043848
463169.10000	3773204.86000	9.7984820e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463169.08000	3773195.44000	8.9726620e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463169.07000	3773186.02000	8.3048580e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463169.05000	3773176.59000	7.7373910e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463169.03000	3773167.17000	7.2382400e-04	381.69	381.69	0.00	PERIOD	ALL	00043848
463169.01000	3773157.75000	6.7911100e-04	381.38	381.38	0.00	PERIOD	ALL	00043848
463168.99000	3773148.33000	6.3858720e-04	381.07	381.07	0.00	PERIOD	ALL	00043848
463170.46000	3773293.04000	1.2574360e-03	383.00	383.00	0.00	PERIOD	ALL	00043848
463167.34000	3773301.46000	1.0729270e-03	383.17	383.17	0.00	PERIOD	ALL	00043848
463164.22000	3773309.89000	9.4202910e-04	383.45	383.45	0.00	PERIOD	ALL	00043848
463157.98000	3773326.73000	7.6049370e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463154.86000	3773335.15000	6.9246300e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463148.62000	3773352.00000	5.8399080e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463189.16000	3773233.09000	1.4427280e-03	382.89	382.89	0.00	PERIOD	ALL	00043848
463189.14000	3773223.66000	1.1741660e-03	382.58	382.58	0.00	PERIOD	ALL	00043848
463189.12000	3773214.24000	1.0132280e-03	382.26	382.26	0.00	PERIOD	ALL	00043848
463189.10000	3773204.82000	9.0330870e-04	381.98	381.98	0.00	PERIOD	ALL	00043848
463189.08000	3773195.40000	8.2185880e-04	381.89	381.89	0.00	PERIOD	ALL	00043848
463189.07000	3773185.98000	7.5732250e-04	381.79	381.79	0.00	PERIOD	ALL	00043848
463189.05000	3773176.55000	7.0371890e-04	381.69	381.69	0.00	PERIOD	ALL	00043848
463189.03000	3773167.13000	6.5772080e-04	381.48	381.48	0.00	PERIOD	ALL	00043848
463189.01000	3773157.71000	6.1736270e-04	381.26	381.26	0.00	PERIOD	ALL	00043848
463188.99000	3773148.29000	5.8142240e-04	381.04	381.04	0.00	PERIOD	ALL	00043848
463193.00000	3773286.14000	1.4549490e-03	383.29	383.29	0.00	PERIOD	ALL	00043848
463189.77000	3773294.87000	1.1812250e-03	383.32	383.32	0.00	PERIOD	ALL	00043848
463186.53000	3773303.61000	1.0099290e-03	383.42	383.42	0.00	PERIOD	ALL	00043848
463183.29000	3773312.34000	8.8912610e-04	383.59	383.59	0.00	PERIOD	ALL	00043848
463180.06000	3773321.07000	7.9645180e-04	383.83	383.83	0.00	PERIOD	ALL	00043848
463176.82000	3773329.81000	7.2148090e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463173.59000	3773338.54000	6.5896670e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463170.35000	3773347.28000	6.0548660e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463167.11000	3773356.01000	5.5911570e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463163.88000	3773364.75000	5.1811610e-04	384.28	384.28	0.00	PERIOD	ALL	00043848
463209.16000	3773233.04000	1.3838310e-03	382.89	382.89	0.00	PERIOD	ALL	00043848
463209.14000	3773223.62000	1.1171400e-03	382.58	382.58	0.00	PERIOD	ALL	00043848
463209.12000	3773214.20000	9.5688380e-04	382.26	382.26	0.00	PERIOD	ALL	00043848
463209.10000	3773204.78000	8.4778220e-04	381.95	381.95	0.00	PERIOD	ALL	00043848
463209.08000	3773195.36000	7.6740640e-04	381.64	381.64	0.00	PERIOD	ALL	00043848
463209.07000	3773185.93000	7.0447200e-04	381.33	381.33	0.00	PERIOD	ALL	00043848
463209.05000	3773176.51000	6.5313200e-04	381.03	381.03	0.00	PERIOD	ALL	00043848
463209.03000	3773167.09000	6.1005560e-04	381.01	381.01	0.00	PERIOD	ALL	00043848
463209.01000	3773157.67000	5.7280420e-04	381.01	381.01	0.00	PERIOD	ALL	00043848
463208.99000	3773148.25000	5.4003620e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463213.48000	3773284.81000	1.4874370e-03	383.62	383.62	0.00	PERIOD	ALL	00043848
463210.34000	3773293.29000	1.1963750e-03	383.90	383.90	0.00	PERIOD	ALL	00043848
463207.20000	3773301.77000	1.0189100e-03	383.93	383.93	0.00	PERIOD	ALL	00043848
463204.05000	3773310.24000	8.9573490e-04	383.90	383.90	0.00	PERIOD	ALL	00043848
463200.91000	3773318.72000	8.0293750e-04	383.93	383.93	0.00	PERIOD	ALL	00043848
463197.77000	3773327.20000	7.2917130e-04	384.00	384.00	0.00	PERIOD	ALL	00043848

463194.63000	3773335.68000	6.6820670e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463191.49000	3773344.15000	6.1647190e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463188.35000	3773352.63000	5.7157820e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463182.07000	3773369.59000	4.9672140e-04	384.44	384.44	0.00	PERIOD	ALL	00043848
463178.93000	3773378.06000	4.6515020e-04	384.72	384.72	0.00	PERIOD	ALL	00043848
463229.16000	3773233.00000	1.3391170e-03	382.89	382.89	0.00	PERIOD	ALL	00043848
463229.14000	3773223.58000	1.0742090e-03	382.57	382.57	0.00	PERIOD	ALL	00043848
463229.12000	3773214.16000	9.1496990e-04	382.26	382.26	0.00	PERIOD	ALL	00043848
463229.10000	3773204.74000	8.0687000e-04	381.95	381.95	0.00	PERIOD	ALL	00043848
463229.08000	3773195.32000	7.2768670e-04	381.63	381.63	0.00	PERIOD	ALL	00043848
463229.07000	3773185.89000	6.6625900e-04	381.32	381.32	0.00	PERIOD	ALL	00043848
463229.05000	3773176.47000	6.1666880e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463229.03000	3773167.05000	5.7557300e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463229.01000	3773157.63000	5.4041700e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463228.99000	3773148.21000	5.0981590e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463233.00000	3773286.06000	1.4136210e-03	383.66	383.66	0.00	PERIOD	ALL	00043848
463229.76000	3773294.79000	1.1396830e-03	383.95	383.95	0.00	PERIOD	ALL	00043848
463226.53000	3773303.53000	9.7190800e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463223.29000	3773312.26000	8.5552750e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463220.06000	3773320.99000	7.6816110e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463216.82000	3773329.73000	6.9889340e-04	384.03	384.03	0.00	PERIOD	ALL	00043848
463213.59000	3773338.46000	6.4191070e-04	384.05	384.05	0.00	PERIOD	ALL	00043848
463210.35000	3773347.20000	5.9357390e-04	384.02	384.02	0.00	PERIOD	ALL	00043848
463207.11000	3773355.93000	5.5177320e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463203.88000	3773364.66000	5.1482740e-04	384.28	384.28	0.00	PERIOD	ALL	00043848
463200.64000	3773373.40000	4.8184480e-04	384.57	384.57	0.00	PERIOD	ALL	00043848
463197.41000	3773382.13000	4.5226470e-04	384.86	384.86	0.00	PERIOD	ALL	00043848
463194.17000	3773390.87000	4.2570460e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463249.16000	3773232.96000	1.3042280e-03	382.61	382.61	0.00	PERIOD	ALL	00043848
463249.14000	3773223.54000	1.0413400e-03	382.39	382.39	0.00	PERIOD	ALL	00043848
463249.12000	3773214.12000	8.8341080e-04	382.18	382.18	0.00	PERIOD	ALL	00043848
463249.10000	3773204.70000	7.7645680e-04	381.95	381.95	0.00	PERIOD	ALL	00043848
463249.08000	3773195.28000	6.9837800e-04	381.63	381.63	0.00	PERIOD	ALL	00043848
463249.07000	3773185.85000	6.3821810e-04	381.32	381.32	0.00	PERIOD	ALL	00043848
463249.05000	3773176.43000	5.9004860e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463249.03000	3773167.01000	5.5046790e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463249.01000	3773157.59000	5.1690740e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463248.99000	3773148.17000	4.8793810e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463253.41000	3773284.92000	1.4497210e-03	383.62	383.62	0.00	PERIOD	ALL	00043848
463250.25000	3773293.44000	1.1578900e-03	383.90	383.90	0.00	PERIOD	ALL	00043848
463247.10000	3773301.96000	9.8289980e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463243.94000	3773310.47000	8.6343360e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463240.79000	3773318.99000	7.7488380e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463237.63000	3773327.50000	7.0570610e-04	384.04	384.04	0.00	PERIOD	ALL	00043848
463234.48000	3773336.02000	6.4917610e-04	384.27	384.27	0.00	PERIOD	ALL	00043848
463231.32000	3773344.54000	6.0163720e-04	384.44	384.44	0.00	PERIOD	ALL	00043848
463228.17000	3773353.05000	5.6080490e-04	384.55	384.55	0.00	PERIOD	ALL	00043848
463225.01000	3773361.57000	5.2503230e-04	384.60	384.60	0.00	PERIOD	ALL	00043848
463221.86000	3773370.08000	4.9326370e-04	384.68	384.68	0.00	PERIOD	ALL	00043848
463218.70000	3773378.60000	4.6466130e-04	384.82	384.82	0.00	PERIOD	ALL	00043848
463215.55000	3773387.12000	4.3875760e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463212.39000	3773395.63000	4.1540510e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463209.24000	3773404.15000	3.9408240e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463269.16000	3773232.92000	1.2743660e-03	382.01	382.01	0.00	PERIOD	ALL	00043848
463269.14000	3773223.50000	1.0156120e-03	382.01	382.01	0.00	PERIOD	ALL	00043848
463269.12000	3773214.08000	8.5960270e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463269.10000	3773204.66000	7.5396890e-04	381.94	381.94	0.00	PERIOD	ALL	00043848
463269.08000	3773195.24000	6.7696550e-04	381.63	381.63	0.00	PERIOD	ALL	00043848
463269.07000	3773185.81000	6.1795030e-04	381.32	381.32	0.00	PERIOD	ALL	00043848
463269.05000	3773176.39000	5.7100860e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463269.03000	3773166.97000	5.3269780e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463269.01000	3773157.55000	5.0045160e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463268.99000	3773148.13000	4.7281230e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463273.00000	3773285.98000	1.3937610e-03	383.65	383.65	0.00	PERIOD	ALL	00043848
463269.76000	3773294.71000	1.1161400e-03	383.95	383.95	0.00	PERIOD	ALL	00043848
463266.53000	3773303.44000	9.4891600e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463263.29000	3773312.18000	8.3441150e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463260.06000	3773320.91000	7.4992130e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463256.82000	3773329.65000	6.8393940e-04	384.11	384.11	0.00	PERIOD	ALL	00043848
463253.59000	3773338.38000	6.3025280e-04	384.40	384.40	0.00	PERIOD	ALL	00043848
463250.35000	3773347.12000	5.8511220e-04	384.69	384.69	0.00	PERIOD	ALL	00043848
463247.11000	3773355.85000	5.4634560e-04	384.98	384.98	0.00	PERIOD	ALL	00043848
463243.88000	3773364.58000	5.1270310e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463240.64000	3773373.32000	4.8280840e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463237.41000	3773382.05000	4.5600050e-04	384.99	384.99	0.00	PERIOD	ALL	00043848
463234.17000	3773390.79000	4.3167940e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463230.94000	3773399.52000	4.0955930e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463227.70000	3773408.26000	3.8929850e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463224.46000	3773416.99000	3.7070880e-04	385.02	385.02	0.00	PERIOD	ALL	00043848
463289.16000	3773232.88000	1.2537790e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463289.14000	3773223.46000	9.9714570e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463289.12000	3773214.04000	8.4245920e-04	382.00	382.00	0.00	PERIOD	ALL	00043848

463289.10000	3773204.62000	7.3793400e-04	381.94	381.94	0.00	PERIOD	ALL	00043848
463289.08000	3773195.20000	6.6205340e-04	381.63	381.63	0.00	PERIOD	ALL	00043848
463289.07000	3773185.77000	6.0418130e-04	381.31	381.31	0.00	PERIOD	ALL	00043848
463289.05000	3773176.35000	5.5843630e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463289.03000	3773166.93000	5.2131510e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463289.01000	3773157.51000	4.9027350e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463288.99000	3773148.09000	4.6383420e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463293.35000	3773284.99000	1.4340030e-03	383.62	383.62	0.00	PERIOD	ALL	00043848
463290.19000	3773293.53000	1.1395520e-03	383.91	383.91	0.00	PERIOD	ALL	00043848
463287.02000	3773302.08000	9.6479010e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463283.86000	3773310.62000	8.4684860e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463280.69000	3773319.16000	7.6060320e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463277.53000	3773327.71000	6.9392320e-04	384.03	384.03	0.00	PERIOD	ALL	00043848
463274.36000	3773336.25000	6.4021230e-04	384.28	384.28	0.00	PERIOD	ALL	00043848
463271.19000	3773344.80000	5.9537890e-04	384.58	384.58	0.00	PERIOD	ALL	00043848
463268.03000	3773353.34000	5.5710620e-04	384.90	384.90	0.00	PERIOD	ALL	00043848
463264.86000	3773361.89000	5.2398120e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463261.70000	3773370.43000	4.9481520e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463258.53000	3773378.97000	4.6866370e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463255.37000	3773387.52000	4.4495870e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463252.20000	3773396.06000	4.2335060e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463249.04000	3773404.61000	4.0350130e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463245.87000	3773413.15000	3.8522600e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463242.71000	3773421.70000	3.6817440e-04	385.18	385.18	0.00	PERIOD	ALL	00043848
463239.54000	3773430.24000	3.5228790e-04	385.46	385.46	0.00	PERIOD	ALL	00043848
463309.16000	3773232.84000	1.2381920e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463309.14000	3773223.42000	9.8404430e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463309.12000	3773214.00000	8.3095920e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463309.10000	3773204.58000	7.2781060e-04	381.94	381.94	0.00	PERIOD	ALL	00043848
463309.08000	3773195.16000	6.5328760e-04	381.63	381.63	0.00	PERIOD	ALL	00043848
463309.07000	3773185.73000	5.9676160e-04	381.31	381.31	0.00	PERIOD	ALL	00043848
463309.05000	3773176.31000	5.5235180e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463309.03000	3773166.89000	5.1651850e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463309.01000	3773157.47000	4.8673980e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463308.99000	3773148.05000	4.6152430e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463323.16000	3773285.44000	1.4194810e-03	383.14	383.14	0.00	PERIOD	ALL	00043848
463319.96000	3773294.09000	1.1274960e-03	383.30	383.30	0.00	PERIOD	ALL	00043848
463316.76000	3773302.73000	9.5529650e-04	383.55	383.55	0.00	PERIOD	ALL	00043848
463313.55000	3773311.38000	8.4002340e-04	383.77	383.77	0.00	PERIOD	ALL	00043848
463310.35000	3773320.03000	7.5601640e-04	383.93	383.93	0.00	PERIOD	ALL	00043848
463307.15000	3773328.67000	6.9150970e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463303.94000	3773337.32000	6.3978930e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463300.74000	3773345.97000	5.9699370e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463297.54000	3773354.61000	5.6063870e-04	384.07	384.07	0.00	PERIOD	ALL	00043848
463294.33000	3773363.26000	5.2888560e-04	384.37	384.37	0.00	PERIOD	ALL	00043848
463291.13000	3773371.91000	5.0078020e-04	384.66	384.66	0.00	PERIOD	ALL	00043848
463287.92000	3773380.55000	4.7564710e-04	384.88	384.88	0.00	PERIOD	ALL	00043848
463284.72000	3773389.20000	4.5293650e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463281.52000	3773397.85000	4.3227950e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463278.31000	3773406.49000	4.1327570e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463275.11000	3773415.14000	3.9567730e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463271.91000	3773423.79000	3.7913720e-04	385.25	385.25	0.00	PERIOD	ALL	00043848
463268.70000	3773432.44000	3.6366370e-04	385.54	385.54	0.00	PERIOD	ALL	00043848
463265.50000	3773441.08000	3.4920780e-04	385.82	385.82	0.00	PERIOD	ALL	00043848
463262.30000	3773449.73000	3.3576190e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463339.16000	3773232.78000	1.2240430e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463339.14000	3773223.36000	9.7504090e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463339.12000	3773213.94000	8.2589230e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463339.10000	3773204.52000	7.2629880e-04	381.94	381.94	0.00	PERIOD	ALL	00043848
463339.08000	3773195.09000	6.5513650e-04	381.63	381.63	0.00	PERIOD	ALL	00043848
463339.07000	3773185.67000	6.0186990e-04	381.31	381.31	0.00	PERIOD	ALL	00043848
463339.05000	3773176.25000	5.6040810e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463339.03000	3773166.83000	5.2720790e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463339.01000	3773157.41000	4.9983790e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463338.99000	3773147.98000	4.7679490e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463353.00000	3773285.82000	1.4232190e-03	383.00	383.00	0.00	PERIOD	ALL	00043848
463349.76000	3773294.55000	1.1373380e-03	383.00	383.00	0.00	PERIOD	ALL	00043848
463346.53000	3773303.28000	9.6908240e-04	383.23	383.23	0.00	PERIOD	ALL	00043848
463343.29000	3773312.02000	8.5642530e-04	383.52	383.52	0.00	PERIOD	ALL	00043848
463340.06000	3773320.75000	7.7458480e-04	383.81	383.81	0.00	PERIOD	ALL	00043848
463336.82000	3773329.49000	7.1121910e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463333.59000	3773338.22000	6.6045120e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463330.35000	3773346.95000	6.1826590e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463327.11000	3773355.69000	5.8226710e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463323.88000	3773364.42000	5.5080340e-04	384.27	384.27	0.00	PERIOD	ALL	00043848
463320.64000	3773373.16000	5.2282280e-04	384.56	384.56	0.00	PERIOD	ALL	00043848
463317.41000	3773381.89000	4.9766790e-04	384.85	384.85	0.00	PERIOD	ALL	00043848
463314.17000	3773390.63000	4.7493170e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463310.94000	3773399.36000	4.5427970e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463307.70000	3773408.09000	4.3519990e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463304.46000	3773416.83000	4.1746180e-04	385.01	385.01	0.00	PERIOD	ALL	00043848
463301.23000	3773425.56000	4.0073050e-04	385.29	385.29	0.00	PERIOD	ALL	00043848

463297.99000	3773434.30000	3.8499160e-04	385.60	385.60	0.00	PERIOD	ALL	00043848
463294.76000	3773443.03000	3.7023360e-04	385.89	385.89	0.00	PERIOD	ALL	00043848
463291.52000	3773451.76000	3.5655150e-04	386.00	386.00	0.00	PERIOD	ALL	00043848
463369.16000	3773232.72000	1.2264830e-03	382.00	382.00	0.00	PERIOD	ALL	00043848
463369.14000	3773223.30000	9.9242290e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463369.12000	3773213.88000	8.5575080e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463369.10000	3773204.46000	7.6645050e-04	381.94	381.94	0.00	PERIOD	ALL	00043848
463369.08000	3773195.03000	7.0383290e-04	381.62	381.62	0.00	PERIOD	ALL	00043848
463369.07000	3773185.61000	6.5733490e-04	381.31	381.31	0.00	PERIOD	ALL	00043848
463369.05000	3773176.19000	6.2120140e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463369.03000	3773166.77000	5.9208400e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463369.01000	3773157.35000	5.6800130e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463368.99000	3773147.92000	5.4765550e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463382.86000	3773286.13000	1.4909730e-03	383.00	383.00	0.00	PERIOD	ALL	00043848
463379.60000	3773294.94000	1.2230880e-03	383.00	383.00	0.00	PERIOD	ALL	00043848
463376.33000	3773303.75000	1.0604880e-03	383.25	383.25	0.00	PERIOD	ALL	00043848
463373.07000	3773312.56000	9.4760160e-04	383.54	383.54	0.00	PERIOD	ALL	00043848
463369.81000	3773321.37000	8.6225070e-04	383.83	383.83	0.00	PERIOD	ALL	00043848
463366.54000	3773330.18000	7.9422560e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463363.28000	3773338.99000	7.3851770e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463360.02000	3773347.80000	6.9144160e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463356.75000	3773356.61000	6.5077930e-04	384.01	384.01	0.00	PERIOD	ALL	00043848
463353.49000	3773365.42000	6.1489540e-04	384.30	384.30	0.00	PERIOD	ALL	00043848
463350.22000	3773374.23000	5.8285800e-04	384.60	384.60	0.00	PERIOD	ALL	00043848
463346.96000	3773383.04000	5.5401100e-04	384.89	384.89	0.00	PERIOD	ALL	00043848
463343.70000	3773391.84000	5.2815800e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463340.43000	3773400.65000	5.0462360e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463337.17000	3773409.46000	4.8296040e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463333.91000	3773418.27000	4.6288920e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463330.64000	3773427.08000	4.4419040e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463327.38000	3773435.89000	4.2671260e-04	385.05	385.05	0.00	PERIOD	ALL	00043848
463324.12000	3773444.70000	4.1029990e-04	385.17	385.17	0.00	PERIOD	ALL	00043848
463320.85000	3773453.51000	3.9474400e-04	385.46	385.46	0.00	PERIOD	ALL	00043848
463399.16000	3773232.66000	1.4402590e-03	381.96	381.96	0.00	PERIOD	ALL	00043848
463399.14000	3773223.24000	1.2935200e-03	381.86	381.86	0.00	PERIOD	ALL	00043848
463399.12000	3773213.82000	1.2035810e-03	381.76	381.76	0.00	PERIOD	ALL	00043848
463399.10000	3773204.40000	1.1411670e-03	381.64	381.64	0.00	PERIOD	ALL	00043848
463399.08000	3773194.97000	1.0942670e-03	381.43	381.43	0.00	PERIOD	ALL	00043848
463399.07000	3773185.55000	1.0560440e-03	381.21	381.21	0.00	PERIOD	ALL	00043848
463399.05000	3773176.13000	1.0221580e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
463399.03000	3773166.71000	9.9258660e-04	380.90	380.90	0.00	PERIOD	ALL	00043848
463399.01000	3773157.29000	9.6788320e-04	380.80	380.80	0.00	PERIOD	ALL	00043848
463398.99000	3773147.86000	9.4750710e-04	380.70	380.70	0.00	PERIOD	ALL	00043848
463403.70000	3773310.80000	1.8101460e-03	383.26	383.26	0.00	PERIOD	ALL	00043848
463400.51000	3773319.40000	1.5039300e-03	383.49	383.49	0.00	PERIOD	ALL	00043848
463397.33000	3773328.00000	1.2972290e-03	383.76	383.76	0.00	PERIOD	ALL	00043848
463394.14000	3773336.60000	1.1465190e-03	383.90	383.90	0.00	PERIOD	ALL	00043848
463390.96000	3773345.20000	1.0312310e-03	383.98	383.98	0.00	PERIOD	ALL	00043848
463387.77000	3773353.79000	9.3925650e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463384.59000	3773362.39000	8.6401930e-04	384.03	384.03	0.00	PERIOD	ALL	00043848
463381.40000	3773370.99000	8.0076270e-04	384.13	384.13	0.00	PERIOD	ALL	00043848
463378.22000	3773379.59000	7.4684790e-04	384.30	384.30	0.00	PERIOD	ALL	00043848
463375.03000	3773388.18000	6.9998050e-04	384.52	384.52	0.00	PERIOD	ALL	00043848
463371.85000	3773396.78000	6.5876450e-04	384.74	384.74	0.00	PERIOD	ALL	00043848
463368.66000	3773405.38000	6.2228160e-04	384.89	384.89	0.00	PERIOD	ALL	00043848
463365.48000	3773413.98000	5.8983940e-04	384.98	384.98	0.00	PERIOD	ALL	00043848
463362.29000	3773422.58000	5.6063140e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463359.10000	3773431.17000	5.3412560e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463355.92000	3773439.77000	5.0992600e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463352.73000	3773448.37000	4.8759030e-04	385.07	385.07	0.00	PERIOD	ALL	00043848
463349.55000	3773456.97000	4.6685840e-04	385.35	385.35	0.00	PERIOD	ALL	00043848
463401.36000	3773398.02000	1.3685720e-03	384.39	384.39	0.00	PERIOD	ALL	00043848
463398.15000	3773406.69000	1.1702180e-03	384.68	384.68	0.00	PERIOD	ALL	00043848
463394.94000	3773415.36000	1.0281860e-03	384.97	384.97	0.00	PERIOD	ALL	00043848
463391.73000	3773424.03000	9.2129220e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463388.52000	3773432.70000	8.3709430e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463385.30000	3773441.37000	7.6845330e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
463382.09000	3773450.04000	7.1138360e-04	385.03	385.03	0.00	PERIOD	ALL	00043848
463459.18000	3773241.96000	6.3351210e-04	381.74	381.74	0.00	PERIOD	ALL	00043848
463459.16000	3773232.54000	6.1599930e-04	381.60	381.60	0.00	PERIOD	ALL	00043848
463459.14000	3773223.12000	6.0048020e-04	381.38	381.38	0.00	PERIOD	ALL	00043848
463459.12000	3773213.70000	5.8692230e-04	381.17	381.17	0.00	PERIOD	ALL	00043848
463459.10000	3773204.27000	5.7514900e-04	380.98	380.98	0.00	PERIOD	ALL	00043848
463459.08000	3773194.85000	5.6520190e-04	380.88	380.88	0.00	PERIOD	ALL	00043848
463459.07000	3773185.43000	5.5681160e-04	380.78	380.78	0.00	PERIOD	ALL	00043848
463459.05000	3773176.01000	5.4982190e-04	380.68	380.68	0.00	PERIOD	ALL	00043848
463459.03000	3773166.59000	5.4353590e-04	380.46	380.46	0.00	PERIOD	ALL	00043848
463459.01000	3773157.16000	5.3774080e-04	380.25	380.25	0.00	PERIOD	ALL	00043848
463458.99000	3773147.74000	5.3220450e-04	380.03	380.03	0.00	PERIOD	ALL	00043848
463489.18000	3773241.90000	4.3502280e-04	381.19	381.19	0.00	PERIOD	ALL	00043848
463489.16000	3773232.48000	4.2586330e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463489.14000	3773223.06000	4.1740660e-04	381.00	381.00	0.00	PERIOD	ALL	00043848

463489.12000	3773213.64000	4.0962130e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463489.10000	3773204.21000	4.0245730e-04	380.93	380.93	0.00	PERIOD	ALL	00043848
463489.08000	3773194.79000	3.9576170e-04	380.62	380.62	0.00	PERIOD	ALL	00043848
463489.07000	3773185.37000	3.8958200e-04	380.30	380.30	0.00	PERIOD	ALL	00043848
463489.05000	3773175.95000	3.8389850e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463489.03000	3773166.53000	3.7869750e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463489.01000	3773157.10000	3.7380610e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463488.99000	3773147.68000	3.6920560e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463519.18000	3773241.84000	3.3545580e-04	381.18	381.18	0.00	PERIOD	ALL	00043848
463519.16000	3773232.42000	3.2987030e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463519.14000	3773223.00000	3.2456050e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463519.12000	3773213.58000	3.1953650e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463519.10000	3773204.15000	3.1478170e-04	380.93	380.93	0.00	PERIOD	ALL	00043848
463519.08000	3773194.73000	3.1022460e-04	380.61	380.61	0.00	PERIOD	ALL	00043848
463519.06000	3773185.31000	3.0594150e-04	380.30	380.30	0.00	PERIOD	ALL	00043848
463519.05000	3773175.89000	3.0185730e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463519.03000	3773166.47000	2.9801200e-04	379.90	379.90	0.00	PERIOD	ALL	00043848
463519.01000	3773157.04000	2.9433100e-04	379.80	379.80	0.00	PERIOD	ALL	00043848
463518.99000	3773147.62000	2.9080530e-04	379.70	379.70	0.00	PERIOD	ALL	00043848
463549.18000	3773241.78000	2.7371760e-04	381.12	381.12	0.00	PERIOD	ALL	00043848
463549.16000	3773232.36000	2.6992390e-04	380.96	380.96	0.00	PERIOD	ALL	00043848
463549.14000	3773222.94000	2.6625030e-04	380.86	380.86	0.00	PERIOD	ALL	00043848
463549.12000	3773213.52000	2.6271510e-04	380.76	380.76	0.00	PERIOD	ALL	00043848
463549.10000	3773204.09000	2.5931850e-04	380.63	380.63	0.00	PERIOD	ALL	00043848
463549.08000	3773194.67000	2.5606790e-04	380.42	380.42	0.00	PERIOD	ALL	00043848
463549.06000	3773185.25000	2.5295740e-04	380.20	380.20	0.00	PERIOD	ALL	00043848
463549.05000	3773175.83000	2.4994880e-04	379.98	379.98	0.00	PERIOD	ALL	00043848
463549.03000	3773166.41000	2.4704570e-04	379.67	379.67	0.00	PERIOD	ALL	00043848
463549.01000	3773156.98000	2.4424490e-04	379.35	379.35	0.00	PERIOD	ALL	00043848
463548.99000	3773147.56000	2.4155220e-04	379.04	379.04	0.00	PERIOD	ALL	00043848
463579.18000	3773241.72000	2.3113230e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463579.16000	3773232.30000	2.2836650e-04	380.87	380.87	0.00	PERIOD	ALL	00043848
463579.14000	3773222.88000	2.2566350e-04	380.55	380.55	0.00	PERIOD	ALL	00043848
463579.12000	3773213.45000	2.2304400e-04	380.24	380.24	0.00	PERIOD	ALL	00043848
463579.10000	3773204.03000	2.2050710e-04	379.98	379.98	0.00	PERIOD	ALL	00043848
463579.08000	3773194.61000	2.1805470e-04	379.88	379.88	0.00	PERIOD	ALL	00043848
463579.06000	3773185.19000	2.1568200e-04	379.78	379.78	0.00	PERIOD	ALL	00043848
463579.05000	3773175.77000	2.1337380e-04	379.67	379.67	0.00	PERIOD	ALL	00043848
463579.03000	3773166.34000	2.1114160e-04	379.46	379.46	0.00	PERIOD	ALL	00043848
463579.01000	3773156.92000	2.0898730e-04	379.24	379.24	0.00	PERIOD	ALL	00043848
463578.99000	3773147.50000	2.0689320e-04	379.03	379.03	0.00	PERIOD	ALL	00043848
463609.18000	3773241.66000	1.9976120e-04	380.74	380.74	0.00	PERIOD	ALL	00043848
463609.16000	3773232.24000	1.9764600e-04	380.59	380.59	0.00	PERIOD	ALL	00043848
463609.14000	3773222.82000	1.9557570e-04	380.38	380.38	0.00	PERIOD	ALL	00043848
463609.12000	3773213.39000	1.9355320e-04	380.16	380.16	0.00	PERIOD	ALL	00043848
463609.10000	3773203.97000	1.9158310e-04	379.92	379.92	0.00	PERIOD	ALL	00043848
463609.08000	3773194.55000	1.8966170e-04	379.61	379.61	0.00	PERIOD	ALL	00043848
463609.06000	3773185.13000	1.8779730e-04	379.29	379.29	0.00	PERIOD	ALL	00043848
463609.05000	3773175.71000	1.8597560e-04	378.99	378.99	0.00	PERIOD	ALL	00043848
463609.03000	3773166.28000	1.8420990e-04	378.90	378.90	0.00	PERIOD	ALL	00043848
463609.01000	3773156.86000	1.8249100e-04	378.80	378.80	0.00	PERIOD	ALL	00043848
463608.99000	3773147.44000	1.8081460e-04	378.70	378.70	0.00	PERIOD	ALL	00043848
463649.16000	3773232.16000	1.6716390e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463649.14000	3773222.74000	1.6562420e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463649.12000	3773213.31000	1.6411040e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463649.10000	3773203.89000	1.6263380e-04	379.92	379.92	0.00	PERIOD	ALL	00043848
463649.08000	3773194.47000	1.6119780e-04	379.60	379.60	0.00	PERIOD	ALL	00043848
463649.06000	3773185.05000	1.5979720e-04	379.29	379.29	0.00	PERIOD	ALL	00043848
463649.05000	3773175.63000	1.5842220e-04	378.98	378.98	0.00	PERIOD	ALL	00043848
463649.03000	3773166.20000	1.5707650e-04	378.66	378.66	0.00	PERIOD	ALL	00043848
463649.01000	3773156.78000	1.5575990e-04	378.35	378.35	0.00	PERIOD	ALL	00043848
463648.99000	3773147.36000	1.5446980e-04	378.03	378.03	0.00	PERIOD	ALL	00043848
463689.16000	3773232.08000	1.4432720e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463689.14000	3773222.65000	1.4313980e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463689.12000	3773213.23000	1.4197090e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463689.10000	3773203.81000	1.4082680e-04	379.92	379.92	0.00	PERIOD	ALL	00043848
463689.08000	3773194.39000	1.3971460e-04	379.60	379.60	0.00	PERIOD	ALL	00043848
463689.06000	3773184.97000	1.3862510e-04	379.29	379.29	0.00	PERIOD	ALL	00043848
463689.05000	3773175.54000	1.3755090e-04	378.97	378.97	0.00	PERIOD	ALL	00043848
463689.03000	3773166.12000	1.3649830e-04	378.66	378.66	0.00	PERIOD	ALL	00043848
463689.01000	3773156.70000	1.3546430e-04	378.35	378.35	0.00	PERIOD	ALL	00043848
463688.99000	3773147.28000	1.3444870e-04	378.03	378.03	0.00	PERIOD	ALL	00043848
463729.16000	3773232.00000	1.2656700e-04	379.86	379.86	0.00	PERIOD	ALL	00043848
463729.14000	3773222.57000	1.2563950e-04	379.54	379.54	0.00	PERIOD	ALL	00043848
463729.12000	3773213.15000	1.2472430e-04	379.23	379.23	0.00	PERIOD	ALL	00043848
463729.10000	3773203.73000	1.2381780e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463729.08000	3773194.31000	1.2291890e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463729.06000	3773184.89000	1.2203510e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463729.05000	3773175.46000	1.2116300e-04	378.98	378.98	0.00	PERIOD	ALL	00043848
463729.03000	3773166.04000	1.2031610e-04	378.76	378.76	0.00	PERIOD	ALL	00043848
463729.01000	3773156.62000	1.1948240e-04	378.55	378.55	0.00	PERIOD	ALL	00043848
463728.99000	3773147.20000	1.1866310e-04	378.33	378.33	0.00	PERIOD	ALL	00043848

463769.16000	3773231.92000	1.1234520e-04	379.85	379.85	0.00	PERIOD	ALL	00043848
463769.14000	3773222.49000	1.1159430e-04	379.54	379.54	0.00	PERIOD	ALL	00043848
463769.12000	3773213.07000	1.1085170e-04	379.22	379.22	0.00	PERIOD	ALL	00043848
463769.10000	3773203.65000	1.1011420e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463769.08000	3773194.23000	1.0938220e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463769.06000	3773184.81000	1.0866130e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463769.05000	3773175.38000	1.0794820e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463769.03000	3773165.96000	1.0725050e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463769.01000	3773156.54000	1.0656430e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463768.99000	3773147.12000	1.0588970e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463809.16000	3773231.83000	1.0070970e-04	379.85	379.85	0.00	PERIOD	ALL	00043848
463809.14000	3773222.41000	1.0008980e-04	379.54	379.54	0.00	PERIOD	ALL	00043848
463809.12000	3773212.99000	9.9474190e-05	379.22	379.22	0.00	PERIOD	ALL	00043848
463809.10000	3773203.57000	9.8863130e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463809.08000	3773194.15000	9.8258620e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463809.06000	3773184.72000	9.7661850e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463809.05000	3773175.30000	9.7071960e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463809.03000	3773165.88000	9.6493550e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463809.01000	3773156.46000	9.5924280e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463808.99000	3773147.04000	9.5363910e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463849.16000	3773231.75000	9.1025100e-05	379.85	379.85	0.00	PERIOD	ALL	00043848
463849.14000	3773222.33000	9.0503360e-05	379.53	379.53	0.00	PERIOD	ALL	00043848
463849.12000	3773212.91000	8.9983540e-05	379.22	379.22	0.00	PERIOD	ALL	00043848
463849.10000	3773203.49000	8.9469100e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463849.08000	3773194.07000	8.8964170e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463849.06000	3773184.64000	8.8465250e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463849.05000	3773175.22000	8.7970850e-05	378.96	378.96	0.00	PERIOD	ALL	00043848
463849.03000	3773165.80000	8.7477110e-05	378.65	378.65	0.00	PERIOD	ALL	00043848
463849.01000	3773156.38000	8.6986850e-05	378.33	378.33	0.00	PERIOD	ALL	00043848
463848.99000	3773146.96000	8.6500780e-05	378.02	378.02	0.00	PERIOD	ALL	00043848
463889.18000	3773241.10000	8.3290350e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
463889.16000	3773231.67000	8.2848350e-05	379.84	379.84	0.00	PERIOD	ALL	00043848
463889.14000	3773222.25000	8.2402020e-05	379.53	379.53	0.00	PERIOD	ALL	00043848
463889.12000	3773212.83000	8.1955990e-05	379.22	379.22	0.00	PERIOD	ALL	00043848
463889.10000	3773203.41000	8.1516480e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463889.08000	3773193.99000	8.1090980e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463889.06000	3773184.56000	8.0670250e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463889.05000	3773175.14000	8.0251960e-05	378.96	378.96	0.00	PERIOD	ALL	00043848
463889.03000	3773165.72000	7.9825540e-05	378.65	378.65	0.00	PERIOD	ALL	00043848
463889.01000	3773156.30000	7.9400900e-05	378.33	378.33	0.00	PERIOD	ALL	00043848
463888.99000	3773146.88000	7.8979060e-05	378.02	378.02	0.00	PERIOD	ALL	00043848
463929.18000	3773241.01000	7.6192240e-05	379.17	379.17	0.00	PERIOD	ALL	00043848
463929.16000	3773231.59000	7.5811100e-05	379.01	379.01	0.00	PERIOD	ALL	00043848
463929.14000	3773222.17000	7.5439650e-05	379.01	379.01	0.00	PERIOD	ALL	00043848
463929.12000	3773212.75000	7.5070440e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463929.10000	3773203.33000	7.4705360e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463929.08000	3773193.90000	7.4343770e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463929.06000	3773184.48000	7.3986890e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463929.05000	3773175.06000	7.3630060e-05	378.96	378.96	0.00	PERIOD	ALL	00043848
463929.03000	3773165.64000	7.3255860e-05	378.64	378.64	0.00	PERIOD	ALL	00043848
463929.01000	3773156.22000	7.2883730e-05	378.33	378.33	0.00	PERIOD	ALL	00043848
463928.99000	3773146.79000	7.2512140e-05	378.02	378.02	0.00	PERIOD	ALL	00043848
463969.18000	3773240.93000	7.0083000e-05	379.10	379.10	0.00	PERIOD	ALL	00043848
463969.16000	3773231.51000	6.9757170e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463969.14000	3773222.09000	6.9440040e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463969.12000	3773212.67000	6.9125340e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
463969.10000	3773203.25000	6.8811210e-05	378.97	378.97	0.00	PERIOD	ALL	00043848
463969.08000	3773193.82000	6.8493280e-05	378.87	378.87	0.00	PERIOD	ALL	00043848
463969.06000	3773184.40000	6.8178040e-05	378.77	378.77	0.00	PERIOD	ALL	00043848
463969.05000	3773174.98000	6.7865960e-05	378.69	378.69	0.00	PERIOD	ALL	00043848
463969.03000	3773165.56000	6.7566150e-05	378.69	378.69	0.00	PERIOD	ALL	00043848
463969.01000	3773156.14000	6.7270350e-05	378.69	378.69	0.00	PERIOD	ALL	00043848
463968.99000	3773146.71000	6.6978240e-05	378.69	378.69	0.00	PERIOD	ALL	00043848
464009.18000	3773240.85000	6.4756440e-05	379.00	379.00	0.00	PERIOD	ALL	00043848
464009.16000	3773231.43000	6.4473550e-05	378.89	378.89	0.00	PERIOD	ALL	00043848
464009.14000	3773222.01000	6.4183410e-05	378.69	378.69	0.00	PERIOD	ALL	00043848
464009.12000	3773212.59000	6.3893270e-05	378.49	378.49	0.00	PERIOD	ALL	00043848
464009.10000	3773203.17000	6.3605650e-05	378.32	378.32	0.00	PERIOD	ALL	00043848
464009.08000	3773193.74000	6.3322720e-05	378.20	378.20	0.00	PERIOD	ALL	00043848
464009.06000	3773184.32000	6.3043110e-05	378.09	378.09	0.00	PERIOD	ALL	00043848
464009.04000	3773174.90000	6.2767350e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
464009.03000	3773165.48000	6.2502270e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
464009.01000	3773156.06000	6.2241580e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
464008.99000	3773146.63000	6.1983580e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463008.97000	3773138.65000	7.0671690e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462999.87000	3773138.67000	7.6527990e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462990.77000	3773138.69000	7.1923590e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462981.67000	3773138.71000	5.8513820e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462972.57000	3773138.73000	4.2863660e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462963.47000	3773138.75000	3.1085010e-03	381.15	381.15	0.00	PERIOD	ALL	00043848
462954.38000	3773138.76000	2.3338450e-03	381.38	381.38	0.00	PERIOD	ALL	00043848
462945.28000	3773138.78000	1.8195270e-03	381.61	381.61	0.00	PERIOD	ALL	00043848

462936.18000	3773138.80000	1.4639110e-03	381.75	381.75	0.00	PERIOD	ALL	00043848
462927.08000	3773138.82000	1.2083550e-03	381.75	381.75	0.00	PERIOD	ALL	00043848
462917.98000	3773138.84000	1.0187570e-03	381.75	381.75	0.00	PERIOD	ALL	00043848
462999.85000	3773128.67000	4.3200210e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462990.75000	3773128.69000	4.1737840e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462981.65000	3773128.71000	3.6999920e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462972.55000	3773128.73000	3.0675220e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462963.45000	3773128.75000	2.4653560e-03	381.09	381.09	0.00	PERIOD	ALL	00043848
462954.35000	3773128.76000	1.9778830e-03	381.21	381.21	0.00	PERIOD	ALL	00043848
462945.26000	3773128.78000	1.6084210e-03	381.34	381.34	0.00	PERIOD	ALL	00043848
462936.16000	3773128.80000	1.3305270e-03	381.42	381.42	0.00	PERIOD	ALL	00043848
462927.06000	3773128.82000	1.1196340e-03	381.42	381.42	0.00	PERIOD	ALL	00043848
462917.96000	3773128.84000	9.5706840e-04	381.42	381.42	0.00	PERIOD	ALL	00043848
463033.10000	3773134.46000	3.2142870e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462999.83000	3773118.67000	2.8403590e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462990.73000	3773118.69000	2.7856110e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462981.63000	3773118.71000	2.5822670e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462972.53000	3773118.73000	2.2829250e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462963.43000	3773118.75000	1.9571200e-03	381.02	381.02	0.00	PERIOD	ALL	00043848
462954.33000	3773118.76000	1.6553630e-03	381.04	381.04	0.00	PERIOD	ALL	00043848
462945.23000	3773118.78000	1.3999060e-03	381.07	381.07	0.00	PERIOD	ALL	00043848
462936.14000	3773118.80000	1.1918190e-03	381.08	381.08	0.00	PERIOD	ALL	00043848
462927.04000	3773118.82000	1.0241750e-03	381.08	381.08	0.00	PERIOD	ALL	00043848
462917.94000	3773118.84000	8.8917780e-04	381.08	381.08	0.00	PERIOD	ALL	00043848
463040.16000	3773127.37000	2.2664360e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462999.81000	3773108.67000	2.0386560e-03	380.74	380.74	0.00	PERIOD	ALL	00043848
462990.71000	3773108.69000	2.0165620e-03	380.82	380.82	0.00	PERIOD	ALL	00043848
462981.61000	3773108.71000	1.9185240e-03	380.90	380.90	0.00	PERIOD	ALL	00043848
462972.51000	3773108.73000	1.7626500e-03	380.98	380.98	0.00	PERIOD	ALL	00043848
462963.41000	3773108.75000	1.5767170e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462954.31000	3773108.76000	1.3875600e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462945.21000	3773108.78000	1.2129970e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462936.11000	3773108.80000	1.0600610e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462927.02000	3773108.82000	9.2989390e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462917.92000	3773108.84000	8.2018630e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463047.22000	3773120.29000	1.7165050e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
463053.10000	3773134.42000	2.0290390e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462999.79000	3773098.67000	1.5528870e-03	380.41	380.41	0.00	PERIOD	ALL	00043848
462990.69000	3773098.69000	1.5439240e-03	380.59	380.59	0.00	PERIOD	ALL	00043848
462981.59000	3773098.71000	1.4925160e-03	380.77	380.77	0.00	PERIOD	ALL	00043848
462972.49000	3773098.73000	1.4051660e-03	380.94	380.94	0.00	PERIOD	ALL	00043848
462963.39000	3773098.75000	1.2936830e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462954.29000	3773098.76000	1.1720840e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462945.19000	3773098.78000	1.0521940e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462936.09000	3773098.80000	9.4064060e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462926.99000	3773098.82000	8.4059990e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462917.90000	3773098.84000	7.5285720e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463044.25000	3773103.22000	1.2868100e-03	380.56	380.56	0.00	PERIOD	ALL	00043848
463054.27000	3773113.20000	1.3635110e-03	380.90	380.90	0.00	PERIOD	ALL	00043848
463060.16000	3773127.33000	1.5778520e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462999.77000	3773088.67000	1.2350200e-03	380.08	380.08	0.00	PERIOD	ALL	00043848
462990.67000	3773088.69000	1.2316250e-03	380.35	380.35	0.00	PERIOD	ALL	00043848
462981.57000	3773088.71000	1.2027970e-03	380.63	380.63	0.00	PERIOD	ALL	00043848
462972.47000	3773088.73000	1.1508700e-03	380.91	380.91	0.00	PERIOD	ALL	00043848
462963.37000	3773088.75000	1.0808020e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462954.27000	3773088.76000	1.0003170e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462945.17000	3773088.78000	9.1682790e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462936.07000	3773088.80000	8.3525280e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462926.97000	3773088.82000	7.5880220e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
462917.87000	3773088.84000	6.8907020e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463033.61000	3773088.85000	1.0849910e-03	380.08	380.08	0.00	PERIOD	ALL	00043848
463050.13000	3773095.65000	1.0694740e-03	380.31	380.31	0.00	PERIOD	ALL	00043848
463061.82000	3773107.29000	1.1342790e-03	380.70	380.70	0.00	PERIOD	ALL	00043848
463068.69000	3773123.78000	1.3141790e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462999.74000	3773078.67000	1.0159500e-03	380.00	380.00	0.00	PERIOD	ALL	00043848
462990.65000	3773078.69000	1.0140720e-03	380.22	380.22	0.00	PERIOD	ALL	00043848
462981.55000	3773078.71000	9.9623180e-04	380.45	380.45	0.00	PERIOD	ALL	00043848
462972.45000	3773078.73000	9.6326190e-04	380.68	380.68	0.00	PERIOD	ALL	00043848
462963.35000	3773078.75000	9.1731620e-04	380.75	380.75	0.00	PERIOD	ALL	00043848
462954.25000	3773078.76000	8.6254280e-04	380.75	380.75	0.00	PERIOD	ALL	00043848
462945.15000	3773078.78000	8.0345330e-04	380.75	380.75	0.00	PERIOD	ALL	00043848
462936.05000	3773078.80000	7.4339540e-04	380.75	380.75	0.00	PERIOD	ALL	00043848
462926.95000	3773078.82000	6.8497390e-04	380.75	380.75	0.00	PERIOD	ALL	00043848
462917.85000	3773078.84000	6.2986070e-04	380.75	380.75	0.00	PERIOD	ALL	00043848
463033.09000	3773078.64000	9.1823570e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463049.27000	3773085.30000	9.1990550e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463068.81000	3773100.04000	9.5534140e-04	380.46	380.46	0.00	PERIOD	ALL	00043848
463075.53000	3773116.19000	1.0893950e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
463082.26000	3773132.34000	1.2108370e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
462999.72000	3773068.67000	8.5682130e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
462990.62000	3773068.69000	8.5534100e-04	380.12	380.12	0.00	PERIOD	ALL	00043848
462981.53000	3773068.71000	8.4341720e-04	380.25	380.25	0.00	PERIOD	ALL	00043848

462972.43000	3773068.73000	8.2125500e-04	380.37	380.37	0.00	PERIOD	ALL	00043848
462963.33000	3773068.75000	7.8995750e-04	380.41	380.41	0.00	PERIOD	ALL	00043848
462954.23000	3773068.76000	7.5164680e-04	380.41	380.41	0.00	PERIOD	ALL	00043848
462945.13000	3773068.78000	7.0904450e-04	380.41	380.41	0.00	PERIOD	ALL	00043848
462936.03000	3773068.80000	6.6436670e-04	380.42	380.42	0.00	PERIOD	ALL	00043848
462926.93000	3773068.82000	6.1950910e-04	380.42	380.42	0.00	PERIOD	ALL	00043848
462917.83000	3773068.84000	5.7593870e-04	380.42	380.42	0.00	PERIOD	ALL	00043848
463048.61000	3773075.04000	8.0075350e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463064.54000	3773081.60000	7.8613530e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463075.81000	3773092.83000	8.2252030e-04	380.22	380.22	0.00	PERIOD	ALL	00043848
463082.43000	3773108.73000	9.2542100e-04	380.75	380.75	0.00	PERIOD	ALL	00043848
463089.06000	3773124.62000	1.0219870e-03	381.00	381.00	0.00	PERIOD	ALL	00043848
463048.10000	3773064.84000	7.0419410e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463063.83000	3773071.32000	7.0021850e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463082.83000	3773085.64000	7.2063520e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463089.37000	3773101.35000	8.0198660e-04	380.50	380.50	0.00	PERIOD	ALL	00043848
463095.91000	3773117.05000	8.8045120e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463102.45000	3773132.75000	9.5255450e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463047.34000	3773044.55000	5.5982980e-04	379.77	379.77	0.00	PERIOD	ALL	00043848
463062.79000	3773050.91000	5.6556500e-04	379.82	379.82	0.00	PERIOD	ALL	00043848
463078.23000	3773057.26000	5.6195210e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463096.88000	3773071.33000	5.7696870e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463103.30000	3773086.75000	6.3074660e-04	380.01	380.01	0.00	PERIOD	ALL	00043848
463109.72000	3773102.16000	6.8469780e-04	380.53	380.53	0.00	PERIOD	ALL	00043848
463116.15000	3773117.58000	7.3714480e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463122.57000	3773132.99000	7.8758880e-04	380.96	380.96	0.00	PERIOD	ALL	00043848
463049.98000	3773025.65000	4.6160170e-04	379.32	379.32	0.00	PERIOD	ALL	00043848
463066.50000	3773032.45000	4.6908360e-04	379.20	379.20	0.00	PERIOD	ALL	00043848
463083.01000	3773039.25000	4.7035590e-04	379.43	379.43	0.00	PERIOD	ALL	00043848
463099.52000	3773046.05000	4.6567420e-04	379.66	379.66	0.00	PERIOD	ALL	00043848
463111.22000	3773057.70000	4.8253580e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463118.08000	3773074.18000	5.2458680e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463124.95000	3773090.67000	5.6678800e-04	380.12	380.12	0.00	PERIOD	ALL	00043848
463131.82000	3773107.15000	6.0900970e-04	380.41	380.41	0.00	PERIOD	ALL	00043848
463138.69000	3773123.64000	6.5157730e-04	380.52	380.52	0.00	PERIOD	ALL	00043848
463049.10000	3773005.30000	3.8903360e-04	379.11	379.11	0.00	PERIOD	ALL	00043848
463065.28000	3773011.97000	3.9768820e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463081.45000	3773018.63000	4.0233360e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463097.63000	3773025.29000	4.0297540e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463113.81000	3773031.95000	4.0040250e-04	379.19	379.19	0.00	PERIOD	ALL	00043848
463125.26000	3773043.36000	4.1377650e-04	379.46	379.46	0.00	PERIOD	ALL	00043848
463131.99000	3773059.51000	4.4549310e-04	379.63	379.63	0.00	PERIOD	ALL	00043848
463138.71000	3773075.65000	4.7758530e-04	379.77	379.77	0.00	PERIOD	ALL	00043848
463145.44000	3773091.80000	5.1014210e-04	380.03	380.03	0.00	PERIOD	ALL	00043848
463152.17000	3773107.95000	5.4325570e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463158.90000	3773124.10000	5.7855180e-04	380.26	380.26	0.00	PERIOD	ALL	00043848
463048.42000	3772985.04000	3.3484100e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463064.35000	3772991.60000	3.4338590e-04	378.98	378.98	0.00	PERIOD	ALL	00043848
463080.27000	3772998.16000	3.4940870e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463096.20000	3773004.72000	3.5275510e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463112.12000	3773011.27000	3.5362500e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463128.05000	3773017.83000	3.5244310e-04	378.92	378.92	0.00	PERIOD	ALL	00043848
463139.32000	3773029.06000	3.6348740e-04	379.03	379.03	0.00	PERIOD	ALL	00043848
463145.94000	3773044.96000	3.8827100e-04	379.08	379.08	0.00	PERIOD	ALL	00043848
463152.56000	3773060.85000	4.1356910e-04	379.15	379.15	0.00	PERIOD	ALL	00043848
463159.19000	3773076.75000	4.3976450e-04	379.68	379.68	0.00	PERIOD	ALL	00043848
463165.81000	3773092.65000	4.6666680e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463172.43000	3773108.54000	4.9488620e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463179.06000	3773124.44000	5.2600530e-04	380.27	380.27	0.00	PERIOD	ALL	00043848
463050.20000	3772965.79000	2.9444470e-04	378.98	378.98	0.00	PERIOD	ALL	00043848
463058.53000	3772969.22000	2.9873980e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463066.86000	3772972.65000	3.0250590e-04	378.81	378.81	0.00	PERIOD	ALL	00043848
463083.51000	3772979.51000	3.0864250e-04	378.55	378.55	0.00	PERIOD	ALL	00043848
463091.84000	3772982.94000	3.1103120e-04	378.55	378.55	0.00	PERIOD	ALL	00043848
463108.49000	3772989.80000	3.1446970e-04	378.78	378.78	0.00	PERIOD	ALL	00043848
463116.82000	3772993.22000	3.1548060e-04	378.90	378.90	0.00	PERIOD	ALL	00043848
463125.14000	3772996.65000	3.1602200e-04	378.82	378.82	0.00	PERIOD	ALL	00043848
463141.79000	3773003.51000	3.1599150e-04	378.44	378.44	0.00	PERIOD	ALL	00043848
463153.58000	3773015.25000	3.2614690e-04	378.63	378.63	0.00	PERIOD	ALL	00043848
463160.51000	3773031.88000	3.4762890e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463167.44000	3773048.50000	3.6952160e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463174.36000	3773065.12000	3.9224810e-04	379.29	379.29	0.00	PERIOD	ALL	00043848
463177.82000	3773073.44000	4.0404530e-04	379.57	379.57	0.00	PERIOD	ALL	00043848
463184.75000	3773090.06000	4.2852880e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463191.68000	3773106.69000	4.5491000e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463198.60000	3773123.31000	4.8475270e-04	380.23	380.23	0.00	PERIOD	ALL	00043848
463049.51000	3772945.52000	2.6114900e-04	378.31	378.31	0.00	PERIOD	ALL	00043848
463065.89000	3772952.27000	2.6866160e-04	378.42	378.42	0.00	PERIOD	ALL	00043848
463082.28000	3772959.02000	2.7484950e-04	378.19	378.19	0.00	PERIOD	ALL	00043848
463098.67000	3772965.77000	2.7972380e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463115.06000	3772972.52000	2.8346320e-04	378.21	378.21	0.00	PERIOD	ALL	00043848
463131.45000	3772979.27000	2.8593470e-04	378.26	378.26	0.00	PERIOD	ALL	00043848

463147.84000	3772986.02000	2.8733610e-04	378.04	378.04	0.00	PERIOD	ALL	00043848
463167.64000	3773000.95000	2.9678510e-04	378.15	378.15	0.00	PERIOD	ALL	00043848
463174.46000	3773017.31000	3.1463670e-04	378.70	378.70	0.00	PERIOD	ALL	00043848
463181.27000	3773033.67000	3.3301040e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463188.09000	3773050.03000	3.5188870e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463194.91000	3773066.40000	3.7177550e-04	379.34	379.34	0.00	PERIOD	ALL	00043848
463201.72000	3773082.76000	3.9302140e-04	379.88	379.88	0.00	PERIOD	ALL	00043848
463208.54000	3773099.12000	4.1607920e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463215.36000	3773115.48000	4.4206160e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463222.17000	3773131.84000	4.7270880e-04	380.52	380.52	0.00	PERIOD	ALL	00043848
463048.93000	3772925.30000	2.3454630e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463065.11000	3772931.97000	2.4135770e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463081.29000	3772938.63000	2.4739430e-04	378.02	378.02	0.00	PERIOD	ALL	00043848
463097.46000	3772945.29000	2.5254550e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463113.64000	3772951.95000	2.5679210e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463129.82000	3772958.61000	2.6017970e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463145.99000	3772965.27000	2.6284010e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463162.17000	3772971.93000	2.6495660e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463181.71000	3772986.67000	2.7404750e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463188.44000	3773002.82000	2.8909760e-04	378.22	378.22	0.00	PERIOD	ALL	00043848
463195.17000	3773018.97000	3.0481630e-04	378.75	378.75	0.00	PERIOD	ALL	00043848
463201.89000	3773035.12000	3.2106460e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463208.62000	3773051.27000	3.3796810e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463215.35000	3773067.42000	3.5602750e-04	379.37	379.37	0.00	PERIOD	ALL	00043848
463222.08000	3773083.57000	3.7564880e-04	379.91	379.91	0.00	PERIOD	ALL	00043848
463228.81000	3773099.72000	3.9736320e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463235.53000	3773115.87000	4.2221810e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463242.26000	3773132.02000	4.5180090e-04	380.52	380.52	0.00	PERIOD	ALL	00043848
463075.36000	3772916.21000	2.2301220e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463083.73000	3772919.65000	2.2585660e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463100.45000	3772926.54000	2.3103850e-04	377.88	377.88	0.00	PERIOD	ALL	00043848
463108.82000	3772929.98000	2.3337670e-04	377.86	377.86	0.00	PERIOD	ALL	00043848
463117.18000	3772933.43000	2.3557420e-04	377.91	377.91	0.00	PERIOD	ALL	00043848
463133.91000	3772940.32000	2.3948090e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463142.27000	3772943.76000	2.4121010e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463150.64000	3772947.20000	2.4281620e-04	377.98	377.98	0.00	PERIOD	ALL	00043848
463159.00000	3772950.65000	2.4431410e-04	377.84	377.84	0.00	PERIOD	ALL	00043848
463175.73000	3772957.54000	2.4714800e-04	377.75	377.75	0.00	PERIOD	ALL	00043848
463184.10000	3772960.98000	2.4854480e-04	377.82	377.82	0.00	PERIOD	ALL	00043848
463195.94000	3772972.78000	2.5660210e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463199.42000	3772981.13000	2.6336040e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463206.37000	3772997.83000	2.7730600e-04	378.05	378.05	0.00	PERIOD	ALL	00043848
463209.85000	3773006.18000	2.8455760e-04	378.33	378.33	0.00	PERIOD	ALL	00043848
463216.81000	3773022.88000	2.9952960e-04	378.88	378.88	0.00	PERIOD	ALL	00043848
463223.77000	3773039.58000	3.1516960e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463227.25000	3773047.93000	3.2332930e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463234.20000	3773064.63000	3.4066150e-04	379.28	379.28	0.00	PERIOD	ALL	00043848
463241.16000	3773081.33000	3.5974850e-04	379.83	379.83	0.00	PERIOD	ALL	00043848
463244.64000	3773089.68000	3.7012680e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463251.60000	3773106.38000	3.9311140e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463258.55000	3773123.08000	4.2022480e-04	380.22	380.22	0.00	PERIOD	ALL	00043848
463262.03000	3773131.43000	4.3588060e-04	380.50	380.50	0.00	PERIOD	ALL	00043848
463115.75000	3772912.85000	2.1641580e-04	377.32	377.32	0.00	PERIOD	ALL	00043848
463132.26000	3772919.65000	2.2063720e-04	377.44	377.44	0.00	PERIOD	ALL	00043848
463148.77000	3772926.45000	2.2450060e-04	377.67	377.67	0.00	PERIOD	ALL	00043848
463165.29000	3772933.25000	2.2802580e-04	377.43	377.43	0.00	PERIOD	ALL	00043848
463181.80000	3772940.05000	2.3141760e-04	377.12	377.12	0.00	PERIOD	ALL	00043848
463198.32000	3772946.85000	2.3497470e-04	377.35	377.35	0.00	PERIOD	ALL	00043848
463210.01000	3772958.50000	2.4273630e-04	377.74	377.74	0.00	PERIOD	ALL	00043848
463216.88000	3772974.98000	2.5486880e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463223.74000	3772991.47000	2.6750100e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463230.61000	3773007.95000	2.8075870e-04	378.39	378.39	0.00	PERIOD	ALL	00043848
463237.48000	3773024.44000	2.9472070e-04	378.94	378.94	0.00	PERIOD	ALL	00043848
463244.35000	3773040.93000	3.0948320e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463251.22000	3773057.41000	3.2536380e-04	379.04	379.04	0.00	PERIOD	ALL	00043848
463258.08000	3773073.90000	3.4290600e-04	379.59	379.59	0.00	PERIOD	ALL	00043848
463264.95000	3773090.38000	3.6256410e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463271.82000	3773106.87000	3.8517760e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463278.69000	3773123.36000	4.1192900e-04	380.23	380.23	0.00	PERIOD	ALL	00043848
463179.85000	3772919.27000	2.1634450e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463196.19000	3772925.99000	2.2032380e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463212.52000	3772932.72000	2.2459280e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463224.08000	3772944.24000	2.3223000e-04	377.26	377.26	0.00	PERIOD	ALL	00043848
463230.88000	3772960.54000	2.4324020e-04	377.81	377.81	0.00	PERIOD	ALL	00043848
463237.67000	3772976.84000	2.5473150e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463244.46000	3772993.15000	2.6675400e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463251.25000	3773009.45000	2.7943690e-04	378.44	378.44	0.00	PERIOD	ALL	00043848
463258.05000	3773025.76000	2.9288770e-04	378.98	378.98	0.00	PERIOD	ALL	00043848
463264.84000	3773042.06000	3.0728530e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463271.63000	3773058.37000	3.2295890e-04	379.07	379.07	0.00	PERIOD	ALL	00043848
463278.42000	3773074.67000	3.4035430e-04	379.61	379.61	0.00	PERIOD	ALL	00043848
463285.22000	3773090.98000	3.6001080e-04	380.00	380.00	0.00	PERIOD	ALL	00043848

463292.01000	3773107.28000	3.8271560e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463298.80000	3773123.59000	4.0958410e-04	380.24	380.24	0.00	PERIOD	ALL	00043848
463041.67000	3772832.39000	1.5928990e-04	376.54	376.54	0.00	PERIOD	ALL	00043848
463058.35000	3772839.26000	1.6425290e-04	376.76	376.76	0.00	PERIOD	ALL	00043848
463066.69000	3772842.69000	1.6670730e-04	376.88	376.88	0.00	PERIOD	ALL	00043848
463075.03000	3772846.13000	1.6914420e-04	376.99	376.99	0.00	PERIOD	ALL	00043848
463091.71000	3772853.00000	1.7391850e-04	376.95	376.95	0.00	PERIOD	ALL	00043848
463100.05000	3772856.43000	1.7624710e-04	376.77	376.77	0.00	PERIOD	ALL	00043848
463245.32000	3772923.15000	2.2213530e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463252.26000	3772939.81000	2.3244480e-04	377.12	377.12	0.00	PERIOD	ALL	00043848
463255.73000	3772948.13000	2.3779570e-04	377.39	377.39	0.00	PERIOD	ALL	00043848
463262.67000	3772964.79000	2.4892360e-04	377.95	377.95	0.00	PERIOD	ALL	00043848
463269.61000	3772981.44000	2.6068750e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463276.55000	3772998.10000	2.7317550e-04	378.06	378.06	0.00	PERIOD	ALL	00043848
463280.02000	3773006.42000	2.7973340e-04	378.34	378.34	0.00	PERIOD	ALL	00043848
463286.95000	3773023.08000	2.9359820e-04	378.89	378.89	0.00	PERIOD	ALL	00043848
463290.42000	3773031.41000	3.0098450e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463297.36000	3773048.06000	3.1684660e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463300.83000	3773056.39000	3.2541360e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463307.77000	3773073.04000	3.4410900e-04	379.56	379.56	0.00	PERIOD	ALL	00043848
463314.71000	3773089.69000	3.6540710e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463321.64000	3773106.35000	3.9030060e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463325.11000	3773114.68000	4.0439490e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463332.05000	3773131.33000	4.3681130e-04	380.50	380.50	0.00	PERIOD	ALL	00043848
463049.33000	3772805.57000	1.4664750e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463065.77000	3772812.34000	1.5106080e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463082.21000	3772819.11000	1.5547640e-04	376.09	376.09	0.00	PERIOD	ALL	00043848
463098.65000	3772825.88000	1.5987750e-04	376.22	376.22	0.00	PERIOD	ALL	00043848
463115.08000	3772832.65000	1.6425130e-04	376.08	376.08	0.00	PERIOD	ALL	00043848
463131.52000	3772839.42000	1.6861810e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463147.96000	3772846.19000	1.7301210e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463164.40000	3772852.96000	1.7749210e-04	376.22	376.22	0.00	PERIOD	ALL	00043848
463180.84000	3772859.72000	1.8211330e-04	376.45	376.45	0.00	PERIOD	ALL	00043848
463280.12000	3772934.59000	2.3830690e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463286.95000	3772951.00000	2.4946490e-04	377.49	377.49	0.00	PERIOD	ALL	00043848
463293.79000	3772967.41000	2.6136490e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463300.63000	3772983.82000	2.7422820e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463307.46000	3773000.23000	2.8813180e-04	378.13	378.13	0.00	PERIOD	ALL	00043848
463314.30000	3773016.64000	3.0329500e-04	378.68	378.68	0.00	PERIOD	ALL	00043848
463321.13000	3773033.05000	3.2009780e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463327.97000	3773049.46000	3.3903340e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463334.81000	3773065.87000	3.6051950e-04	379.32	379.32	0.00	PERIOD	ALL	00043848
463341.64000	3773082.28000	3.8519620e-04	379.86	379.86	0.00	PERIOD	ALL	00043848
463348.48000	3773098.69000	4.1449350e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463355.32000	3773115.10000	4.4979900e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463362.15000	3773131.51000	4.9298000e-04	380.51	380.51	0.00	PERIOD	ALL	00043848
463041.63000	3772772.43000	1.3252960e-04	375.54	375.54	0.00	PERIOD	ALL	00043848
463058.36000	3772779.32000	1.3664230e-04	375.77	375.77	0.00	PERIOD	ALL	00043848
463066.73000	3772782.76000	1.3871770e-04	375.88	375.88	0.00	PERIOD	ALL	00043848
463075.09000	3772786.21000	1.4080830e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463083.45000	3772789.65000	1.4290740e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463100.18000	3772796.54000	1.4714590e-04	375.77	375.77	0.00	PERIOD	ALL	00043848
463108.55000	3772799.98000	1.4928200e-04	375.66	375.66	0.00	PERIOD	ALL	00043848
463116.91000	3772803.43000	1.5143890e-04	375.61	375.61	0.00	PERIOD	ALL	00043848
463133.64000	3772810.32000	1.5582010e-04	375.80	375.80	0.00	PERIOD	ALL	00043848
463142.00000	3772813.76000	1.5804550e-04	375.91	375.91	0.00	PERIOD	ALL	00043848
463150.37000	3772817.20000	1.6030370e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463158.73000	3772820.65000	1.6260600e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463175.46000	3772827.54000	1.6737210e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463183.82000	3772830.98000	1.6985930e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463192.19000	3772834.43000	1.7244300e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463208.92000	3772841.31000	1.7794930e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463217.28000	3772844.76000	1.8092430e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463225.65000	3772848.20000	1.8407790e-04	376.03	376.03	0.00	PERIOD	ALL	00043848
463234.01000	3772851.65000	1.8744950e-04	376.03	376.03	0.00	PERIOD	ALL	00043848
463250.74000	3772858.54000	1.9500000e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463259.10000	3772861.98000	1.9927490e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463305.07000	3772922.41000	2.4823940e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463312.02000	3772939.11000	2.6122270e-04	377.09	377.09	0.00	PERIOD	ALL	00043848
463315.50000	3772947.46000	2.6813520e-04	377.37	377.37	0.00	PERIOD	ALL	00043848
463322.46000	3772964.16000	2.8295800e-04	377.93	377.93	0.00	PERIOD	ALL	00043848
463329.42000	3772980.86000	2.9957920e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463332.90000	3772989.21000	3.0864350e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463339.85000	3773005.91000	3.2852070e-04	378.32	378.32	0.00	PERIOD	ALL	00043848
463346.81000	3773022.61000	3.5130920e-04	378.88	378.88	0.00	PERIOD	ALL	00043848
463350.29000	3773030.96000	3.6419780e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463357.25000	3773047.66000	3.9377430e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463364.20000	3773064.36000	4.2960620e-04	379.27	379.27	0.00	PERIOD	ALL	00043848
463367.68000	3773072.71000	4.5063150e-04	379.55	379.55	0.00	PERIOD	ALL	00043848
463374.64000	3773089.41000	5.0130540e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463381.60000	3773106.11000	5.7008360e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463385.07000	3773114.46000	6.1433130e-04	380.00	380.00	0.00	PERIOD	ALL	00043848

463392.03000	3773131.16000	7.3611530e-04	380.46	380.46	0.00	PERIOD	ALL	00043848
463032.88000	3772738.85000	1.2052640e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463049.40000	3772745.65000	1.2422970e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463065.91000	3772752.45000	1.2802010e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463082.43000	3772759.25000	1.3190310e-04	375.10	375.10	0.00	PERIOD	ALL	00043848
463098.94000	3772766.05000	1.3587960e-04	375.22	375.22	0.00	PERIOD	ALL	00043848
463115.45000	3772772.85000	1.3996160e-04	375.08	375.08	0.00	PERIOD	ALL	00043848
463131.97000	3772779.65000	1.4417120e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463148.48000	3772786.45000	1.4854290e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463165.00000	3772793.25000	1.5313190e-04	375.23	375.23	0.00	PERIOD	ALL	00043848
463181.51000	3772800.05000	1.5800050e-04	375.46	375.46	0.00	PERIOD	ALL	00043848
463198.02000	3772806.85000	1.6325300e-04	375.68	375.68	0.00	PERIOD	ALL	00043848
463214.54000	3772813.65000	1.6902710e-04	375.91	375.91	0.00	PERIOD	ALL	00043848
463231.05000	3772820.45000	1.7551860e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463247.57000	3772827.26000	1.8301490e-04	375.83	375.83	0.00	PERIOD	ALL	00043848
463264.08000	3772834.06000	1.9183530e-04	375.67	375.67	0.00	PERIOD	ALL	00043848
463280.59000	3772840.86000	2.0248270e-04	375.82	375.82	0.00	PERIOD	ALL	00043848
463297.11000	3772847.66000	2.1578200e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463308.80000	3772859.30000	2.2955260e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463336.27000	3772925.24000	2.8705070e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463343.14000	3772941.73000	3.0627470e-04	377.18	377.18	0.00	PERIOD	ALL	00043848
463350.01000	3772958.21000	3.2839820e-04	377.73	377.73	0.00	PERIOD	ALL	00043848
463356.87000	3772974.70000	3.5464000e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463363.74000	3772991.19000	3.8660800e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463370.61000	3773007.67000	4.2635220e-04	378.38	378.38	0.00	PERIOD	ALL	00043848
463377.48000	3773024.16000	4.7763960e-04	378.93	378.93	0.00	PERIOD	ALL	00043848
463384.35000	3773040.64000	5.4851030e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463391.22000	3773057.13000	6.5359420e-04	379.03	379.03	0.00	PERIOD	ALL	00043848
463398.08000	3773073.62000	8.3020420e-04	379.41	379.41	0.00	PERIOD	ALL	00043848
463404.95000	3773090.10000	1.2130600e-03	379.55	379.55	0.00	PERIOD	ALL	00043848
463033.19000	3772709.00000	1.1221030e-04	374.42	374.42	0.00	PERIOD	ALL	00043848
463041.57000	3772712.46000	1.1395150e-04	374.54	374.54	0.00	PERIOD	ALL	00043848
463049.96000	3772715.91000	1.1571780e-04	374.65	374.65	0.00	PERIOD	ALL	00043848
463066.72000	3772722.81000	1.1933110e-04	374.88	374.88	0.00	PERIOD	ALL	00043848
463075.10000	3772726.26000	1.2117950e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463083.48000	3772729.71000	1.2306120e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463091.86000	3772733.16000	1.2497700e-04	374.94	374.94	0.00	PERIOD	ALL	00043848
463108.62000	3772740.07000	1.2891520e-04	374.66	374.66	0.00	PERIOD	ALL	00043848
463117.01000	3772743.52000	1.3094220e-04	374.61	374.61	0.00	PERIOD	ALL	00043848
463125.39000	3772746.97000	1.3301400e-04	374.69	374.69	0.00	PERIOD	ALL	00043848
463133.77000	3772750.42000	1.3513380e-04	374.80	374.80	0.00	PERIOD	ALL	00043848
463150.53000	3772757.32000	1.3953580e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463158.91000	3772760.77000	1.4183580e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463167.29000	3772764.23000	1.4421560e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463175.67000	3772767.68000	1.4667980e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463184.05000	3772771.13000	1.4924420e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463200.82000	3772778.03000	1.5473610e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463209.20000	3772781.48000	1.5769870e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463217.58000	3772784.93000	1.6083660e-04	374.99	374.99	0.00	PERIOD	ALL	00043848
463225.96000	3772788.38000	1.6417130e-04	375.07	375.07	0.00	PERIOD	ALL	00043848
463242.72000	3772795.29000	1.7157410e-04	375.27	375.27	0.00	PERIOD	ALL	00043848
463251.10000	3772798.74000	1.7573630e-04	375.26	375.26	0.00	PERIOD	ALL	00043848
463259.49000	3772802.19000	1.8028200e-04	375.18	375.18	0.00	PERIOD	ALL	00043848
463267.87000	3772805.64000	1.8526500e-04	375.04	375.04	0.00	PERIOD	ALL	00043848
463284.63000	3772812.54000	1.9686630e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463293.01000	3772815.99000	2.0372190e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463301.39000	3772819.45000	2.1148230e-04	375.10	375.10	0.00	PERIOD	ALL	00043848
463309.77000	3772822.90000	2.2035810e-04	375.22	375.22	0.00	PERIOD	ALL	00043848
463330.02000	3772838.17000	2.5010070e-04	375.73	375.73	0.00	PERIOD	ALL	00043848
463336.99000	3772854.90000	2.6645230e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463368.36000	3772930.20000	3.8436850e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463375.33000	3772946.94000	4.3050200e-04	377.35	377.35	0.00	PERIOD	ALL	00043848
463382.30000	3772963.67000	4.9264130e-04	377.91	377.91	0.00	PERIOD	ALL	00043848
463389.28000	3772980.40000	5.8385480e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463396.25000	3772997.14000	7.3216470e-04	378.03	378.03	0.00	PERIOD	ALL	00043848
463403.22000	3773013.87000	1.0294660e-03	378.58	378.58	0.00	PERIOD	ALL	00043848
463448.53000	3773122.64000	6.4245090e-04	380.00	380.00	0.00	PERIOD	ALL	00043848
463032.84000	3772678.89000	1.0495000e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463049.42000	3772685.71000	1.0819700e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463065.99000	3772692.54000	1.1156960e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463082.56000	3772699.36000	1.1507510e-04	374.10	374.10	0.00	PERIOD	ALL	00043848
463099.13000	3772706.18000	1.1873060e-04	374.22	374.22	0.00	PERIOD	ALL	00043848
463115.70000	3772713.01000	1.2256210e-04	374.07	374.07	0.00	PERIOD	ALL	00043848
463123.99000	3772716.42000	1.2454950e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463140.56000	3772723.24000	1.2869100e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463157.13000	3772730.07000	1.3309890e-04	374.12	374.12	0.00	PERIOD	ALL	00043848
463173.70000	3772736.89000	1.3782890e-04	374.35	374.35	0.00	PERIOD	ALL	00043848
463190.27000	3772743.71000	1.4296790e-04	374.58	374.58	0.00	PERIOD	ALL	00043848
463206.85000	3772750.54000	1.4863530e-04	374.81	374.81	0.00	PERIOD	ALL	00043848
463223.42000	3772757.36000	1.5501660e-04	374.56	374.56	0.00	PERIOD	ALL	00043848
463231.70000	3772760.77000	1.5852910e-04	374.37	374.37	0.00	PERIOD	ALL	00043848
463248.27000	3772767.60000	1.6636470e-04	374.38	374.38	0.00	PERIOD	ALL	00043848

463264.85000	3772774.42000	1.7560010e-04	374.60	374.60	0.00	PERIOD	ALL	00043848
463281.42000	3772781.25000	1.8676170e-04	374.83	374.83	0.00	PERIOD	ALL	00043848
463289.70000	3772784.66000	1.9330010e-04	374.94	374.94	0.00	PERIOD	ALL	00043848
463306.28000	3772791.48000	2.0907160e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463322.85000	3772798.31000	2.2993860e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463339.42000	3772805.13000	2.5909680e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463351.15000	3772816.81000	2.8960790e-04	375.02	375.02	0.00	PERIOD	ALL	00043848
463358.04000	3772833.36000	3.1473000e-04	375.57	375.57	0.00	PERIOD	ALL	00043848
463361.49000	3772841.63000	3.2923750e-04	375.84	375.84	0.00	PERIOD	ALL	00043848
463368.38000	3772858.17000	3.6387930e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463402.84000	3772940.89000	9.7100050e-04	377.15	377.15	0.00	PERIOD	ALL	00043848
463447.64000	3773048.42000	6.2491510e-04	378.75	378.75	0.00	PERIOD	ALL	00043848
463454.53000	3773064.97000	5.3698910e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463461.42000	3773081.51000	4.7926210e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463468.31000	3773098.05000	4.3887670e-04	379.39	379.39	0.00	PERIOD	ALL	00043848
463475.21000	3773114.60000	4.0967290e-04	379.94	379.94	0.00	PERIOD	ALL	00043848
463482.10000	3773131.14000	3.8694660e-04	379.96	379.96	0.00	PERIOD	ALL	00043848
463033.11000	3772649.02000	9.8743590e-05	373.42	373.42	0.00	PERIOD	ALL	00043848
463041.50000	3772652.48000	1.0028450e-04	373.54	373.54	0.00	PERIOD	ALL	00043848
463049.90000	3772655.93000	1.0185700e-04	373.65	373.65	0.00	PERIOD	ALL	00043848
463058.29000	3772659.39000	1.0346440e-04	373.77	373.77	0.00	PERIOD	ALL	00043848
463066.68000	3772662.85000	1.0510730e-04	373.88	373.88	0.00	PERIOD	ALL	00043848
463075.08000	3772666.30000	1.0678580e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463083.47000	3772669.76000	1.0851010e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463091.87000	3772673.22000	1.1028140e-04	373.94	373.94	0.00	PERIOD	ALL	00043848
463100.26000	3772676.67000	1.1209800e-04	373.77	373.77	0.00	PERIOD	ALL	00043848
463108.65000	3772680.13000	1.1396300e-04	373.66	373.66	0.00	PERIOD	ALL	00043848
463117.05000	3772683.59000	1.1588160e-04	373.61	373.61	0.00	PERIOD	ALL	00043848
463125.44000	3772687.04000	1.1785260e-04	373.69	373.69	0.00	PERIOD	ALL	00043848
463133.84000	3772690.50000	1.1988860e-04	373.81	373.81	0.00	PERIOD	ALL	00043848
463142.23000	3772693.96000	1.2199040e-04	373.92	373.92	0.00	PERIOD	ALL	00043848
463150.63000	3772697.41000	1.2416680e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463159.02000	3772700.87000	1.2643090e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463167.41000	3772704.33000	1.2878760e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463175.81000	3772707.78000	1.3124710e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463184.20000	3772711.24000	1.3382690e-04	373.92	373.92	0.00	PERIOD	ALL	00043848
463192.60000	3772714.70000	1.3653870e-04	373.83	373.83	0.00	PERIOD	ALL	00043848
463200.99000	3772718.15000	1.3938980e-04	373.81	373.81	0.00	PERIOD	ALL	00043848
463217.78000	3772725.07000	1.4561250e-04	373.96	373.96	0.00	PERIOD	ALL	00043848
463226.17000	3772728.52000	1.4902990e-04	374.03	374.03	0.00	PERIOD	ALL	00043848
463234.57000	3772731.98000	1.5270560e-04	374.03	374.03	0.00	PERIOD	ALL	00043848
463242.96000	3772735.44000	1.5666540e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463251.36000	3772738.89000	1.6095610e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463259.75000	3772742.35000	1.6562960e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463268.14000	3772745.81000	1.7075410e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463276.54000	3772749.26000	1.7641480e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463284.93000	3772752.72000	1.8270590e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463293.33000	3772756.18000	1.8976680e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463301.72000	3772759.63000	1.9773630e-04	374.11	374.11	0.00	PERIOD	ALL	00043848
463310.11000	3772763.09000	2.0684680e-04	374.23	374.23	0.00	PERIOD	ALL	00043848
463318.51000	3772766.55000	2.1739840e-04	374.34	374.34	0.00	PERIOD	ALL	00043848
463326.90000	3772770.00000	2.2975420e-04	374.46	374.46	0.00	PERIOD	ALL	00043848
463335.30000	3772773.46000	2.4448930e-04	374.57	374.57	0.00	PERIOD	ALL	00043848
463343.69000	3772776.92000	2.6235350e-04	374.69	374.69	0.00	PERIOD	ALL	00043848
463352.09000	3772780.37000	2.8459330e-04	374.80	374.80	0.00	PERIOD	ALL	00043848
463360.48000	3772783.83000	3.1303240e-04	374.92	374.92	0.00	PERIOD	ALL	00043848
463372.36000	3772795.67000	3.7200590e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463379.35000	3772812.43000	4.2464520e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463386.33000	3772829.19000	4.9861790e-04	375.43	375.43	0.00	PERIOD	ALL	00043848
463393.31000	3772845.95000	6.1268800e-04	375.99	375.99	0.00	PERIOD	ALL	00043848
463400.29000	3772862.71000	8.1870900e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463452.66000	3772988.40000	5.3391960e-04	377.74	377.74	0.00	PERIOD	ALL	00043848
463459.64000	3773005.16000	4.6776060e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463466.62000	3773021.92000	4.2189620e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463473.61000	3773038.68000	3.8863790e-04	378.41	378.41	0.00	PERIOD	ALL	00043848
463480.59000	3773055.44000	3.6346570e-04	378.97	378.97	0.00	PERIOD	ALL	00043848
463487.57000	3773072.20000	3.4355100e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463494.55000	3773088.96000	3.2762010e-04	379.04	379.04	0.00	PERIOD	ALL	00043848
463501.53000	3773105.72000	3.1463560e-04	379.18	379.18	0.00	PERIOD	ALL	00043848
463508.52000	3773122.48000	3.0384090e-04	379.24	379.24	0.00	PERIOD	ALL	00043848
463032.79000	3772618.91000	9.3180560e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
463049.40000	3772625.76000	9.6112530e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
463057.71000	3772629.18000	9.7631320e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
463074.33000	3772636.02000	1.0078530e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463090.95000	3772642.86000	1.0410890e-04	373.21	373.21	0.00	PERIOD	ALL	00043848
463099.25000	3772646.29000	1.0584230e-04	373.23	373.23	0.00	PERIOD	ALL	00043848
463107.56000	3772649.71000	1.0762840e-04	373.18	373.18	0.00	PERIOD	ALL	00043848
463115.87000	3772653.13000	1.0946990e-04	373.07	373.07	0.00	PERIOD	ALL	00043848
463132.49000	3772659.97000	1.1333740e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463149.10000	3772666.81000	1.1748860e-04	373.02	373.02	0.00	PERIOD	ALL	00043848
463157.41000	3772670.23000	1.1968910e-04	373.13	373.13	0.00	PERIOD	ALL	00043848
463165.72000	3772673.66000	1.2198360e-04	373.24	373.24	0.00	PERIOD	ALL	00043848

463182.34000	3772680.50000	1.2688930e-04	373.43	373.43	0.00	PERIOD	ALL	00043848
463190.64000	3772683.92000	1.2953400e-04	373.37	373.37	0.00	PERIOD	ALL	00043848
463207.26000	3772690.76000	1.3528500e-04	373.07	373.07	0.00	PERIOD	ALL	00043848
463215.57000	3772694.18000	1.3842220e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463232.19000	3772701.03000	1.4535640e-04	373.16	373.16	0.00	PERIOD	ALL	00043848
463240.49000	3772704.45000	1.4920870e-04	373.27	373.27	0.00	PERIOD	ALL	00043848
463257.11000	3772711.29000	1.5790890e-04	373.50	373.50	0.00	PERIOD	ALL	00043848
463273.73000	3772718.13000	1.6830870e-04	373.73	373.73	0.00	PERIOD	ALL	00043848
463290.34000	3772724.97000	1.8107180e-04	373.95	373.95	0.00	PERIOD	ALL	00043848
463298.65000	3772728.40000	1.8866720e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463315.27000	3772735.24000	2.0724330e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463331.89000	3772742.08000	2.3245790e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463340.19000	3772745.50000	2.4884870e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463348.50000	3772748.92000	2.6898980e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463365.12000	3772755.77000	3.2740700e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463373.43000	3772759.19000	3.7228650e-04	374.10	374.10	0.00	PERIOD	ALL	00043848
463393.50000	3772774.32000	6.0277120e-04	374.60	374.60	0.00	PERIOD	ALL	00043848
463400.41000	3772790.91000	8.0572640e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463459.15000	3772931.91000	4.5456020e-04	376.85	376.85	0.00	PERIOD	ALL	00043848
463466.06000	3772948.50000	4.0721840e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463472.97000	3772965.09000	3.7250920e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463476.43000	3772973.38000	3.5850370e-04	377.23	377.23	0.00	PERIOD	ALL	00043848
463483.34000	3772989.97000	3.3527560e-04	377.79	377.79	0.00	PERIOD	ALL	00043848
463490.25000	3773006.56000	3.1656130e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463497.16000	3773023.15000	3.0128600e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463504.07000	3773039.74000	2.8871650e-04	378.45	378.45	0.00	PERIOD	ALL	00043848
463510.98000	3773056.33000	2.7825470e-04	378.96	378.96	0.00	PERIOD	ALL	00043848
463517.89000	3773072.91000	2.6924160e-04	378.73	378.73	0.00	PERIOD	ALL	00043848
463524.80000	3773089.50000	2.6155220e-04	378.55	378.55	0.00	PERIOD	ALL	00043848
463531.71000	3773106.09000	2.5493180e-04	378.75	378.75	0.00	PERIOD	ALL	00043848
463535.17000	3773114.38000	2.5193400e-04	378.94	378.94	0.00	PERIOD	ALL	00043848
463542.08000	3773130.97000	2.4645510e-04	379.00	379.00	0.00	PERIOD	ALL	00043848
463033.01000	3772589.03000	8.8308570e-05	372.42	372.42	0.00	PERIOD	ALL	00043848
463041.42000	3772592.49000	8.9711340e-05	372.54	372.54	0.00	PERIOD	ALL	00043848
463049.82000	3772595.96000	9.1150770e-05	372.65	372.65	0.00	PERIOD	ALL	00043848
463058.23000	3772599.42000	9.2628080e-05	372.77	372.77	0.00	PERIOD	ALL	00043848
463066.63000	3772602.88000	9.4144790e-05	372.88	372.88	0.00	PERIOD	ALL	00043848
463075.04000	3772606.34000	9.5705140e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
463083.44000	3772609.80000	9.7311090e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
463091.84000	3772613.26000	9.8966860e-05	372.94	372.94	0.00	PERIOD	ALL	00043848
463100.25000	3772616.72000	1.0067670e-04	372.77	372.77	0.00	PERIOD	ALL	00043848
463108.65000	3772620.18000	1.0244120e-04	372.66	372.66	0.00	PERIOD	ALL	00043848
463117.06000	3772623.64000	1.0426800e-04	372.61	372.61	0.00	PERIOD	ALL	00043848
463125.46000	3772627.10000	1.0615950e-04	372.69	372.69	0.00	PERIOD	ALL	00043848
463133.87000	3772630.56000	1.0812330e-04	372.81	372.81	0.00	PERIOD	ALL	00043848
463142.27000	3772634.03000	1.1016430e-04	372.92	372.92	0.00	PERIOD	ALL	00043848
463150.68000	3772637.49000	1.1229040e-04	372.97	372.97	0.00	PERIOD	ALL	00043848
463159.08000	3772640.95000	1.1451120e-04	372.73	372.73	0.00	PERIOD	ALL	00043848
463167.48000	3772644.41000	1.1683260e-04	372.57	372.57	0.00	PERIOD	ALL	00043848
463175.89000	3772647.87000	1.1926890e-04	372.46	372.46	0.00	PERIOD	ALL	00043848
463184.29000	3772651.33000	1.2182990e-04	372.50	372.50	0.00	PERIOD	ALL	00043848
463192.70000	3772654.79000	1.2453330e-04	372.62	372.62	0.00	PERIOD	ALL	00043848
463201.10000	3772658.25000	1.2739070e-04	372.73	372.73	0.00	PERIOD	ALL	00043848
463209.51000	3772661.71000	1.3042670e-04	372.85	372.85	0.00	PERIOD	ALL	00043848
463217.91000	3772665.17000	1.3365850e-04	372.96	372.96	0.00	PERIOD	ALL	00043848
463226.32000	3772668.63000	1.3712120e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463234.72000	3772672.09000	1.4083980e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463243.12000	3772675.56000	1.4485590e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463251.53000	3772679.02000	1.4921570e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463259.93000	3772682.48000	1.5396660e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463268.34000	3772685.94000	1.5918500e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463276.74000	3772689.40000	1.6494190e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463285.15000	3772692.86000	1.7135210e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463293.55000	3772696.32000	1.7853110e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463301.96000	3772699.78000	1.8665420e-04	373.11	373.11	0.00	PERIOD	ALL	00043848
463310.36000	3772703.24000	1.9592430e-04	373.23	373.23	0.00	PERIOD	ALL	00043848
463318.76000	3772706.70000	2.0664130e-04	373.35	373.35	0.00	PERIOD	ALL	00043848
463327.17000	3772710.16000	2.1922180e-04	373.46	373.46	0.00	PERIOD	ALL	00043848
463335.57000	3772713.62000	2.3418000e-04	373.58	373.58	0.00	PERIOD	ALL	00043848
463343.98000	3772717.09000	2.5236810e-04	373.69	373.69	0.00	PERIOD	ALL	00043848
463352.38000	3772720.55000	2.7495480e-04	373.81	373.81	0.00	PERIOD	ALL	00043848
463360.79000	3772724.01000	3.0393980e-04	373.92	373.92	0.00	PERIOD	ALL	00043848
463369.19000	3772727.47000	3.4250900e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463377.60000	3772730.93000	3.9667700e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463386.00000	3772734.39000	4.7831360e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463394.40000	3772737.85000	6.1752950e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463402.81000	3772741.31000	9.1751650e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463439.18000	3772811.89000	7.7811310e-04	374.90	374.90	0.00	PERIOD	ALL	00043848
463446.17000	3772828.67000	6.0049900e-04	375.05	375.05	0.00	PERIOD	ALL	00043848
463453.16000	3772845.45000	4.9851110e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463460.15000	3772862.24000	4.3337000e-04	375.53	375.53	0.00	PERIOD	ALL	00043848
463463.64000	3772870.63000	4.0869450e-04	375.81	375.81	0.00	PERIOD	ALL	00043848

463491.61000	3772937.75000	2.9811670e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463495.10000	3772946.14000	2.9009220e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463502.09000	3772962.92000	2.7614190e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463509.08000	3772979.70000	2.6452970e-04	377.45	377.45	0.00	PERIOD	ALL	00043848
463516.07000	3772996.48000	2.5472620e-04	377.79	377.79	0.00	PERIOD	ALL	00043848
463523.06000	3773013.26000	2.4622110e-04	377.55	377.55	0.00	PERIOD	ALL	00043848
463526.56000	3773021.65000	2.4242510e-04	377.44	377.44	0.00	PERIOD	ALL	00043848
463533.55000	3773038.43000	2.3566240e-04	377.61	377.61	0.00	PERIOD	ALL	00043848
463540.54000	3773055.21000	2.2977350e-04	377.96	377.96	0.00	PERIOD	ALL	00043848
463547.53000	3773071.99000	2.2455570e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463551.03000	3773080.38000	2.2216230e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463558.02000	3773097.16000	2.1779170e-04	378.36	378.36	0.00	PERIOD	ALL	00043848
463565.01000	3773113.94000	2.1384980e-04	378.92	378.92	0.00	PERIOD	ALL	00043848
463572.00000	3773130.72000	2.1022990e-04	378.96	378.96	0.00	PERIOD	ALL	00043848
463032.72000	3772558.94000	8.3849130e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463049.37000	3772565.79000	8.6544850e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463057.70000	3772569.22000	8.7951750e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463066.02000	3772572.65000	8.9399050e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463082.67000	3772579.51000	9.2431070e-05	372.11	372.11	0.00	PERIOD	ALL	00043848
463091.00000	3772582.94000	9.4020740e-05	372.21	372.21	0.00	PERIOD	ALL	00043848
463107.65000	3772589.80000	9.7362750e-05	372.18	372.18	0.00	PERIOD	ALL	00043848
463115.98000	3772593.22000	9.9122700e-05	372.07	372.07	0.00	PERIOD	ALL	00043848
463124.31000	3772596.65000	1.0095080e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463140.96000	3772603.51000	1.0483010e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463149.29000	3772606.94000	1.0689560e-04	372.02	372.02	0.00	PERIOD	ALL	00043848
463165.94000	3772613.80000	1.1131440e-04	372.11	372.11	0.00	PERIOD	ALL	00043848
463174.26000	3772617.23000	1.1368620e-04	372.07	372.07	0.00	PERIOD	ALL	00043848
463182.59000	3772620.65000	1.1618280e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463199.24000	3772627.51000	1.2161010e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463207.57000	3772630.94000	1.2457510e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463224.22000	3772637.80000	1.3111050e-04	372.05	372.05	0.00	PERIOD	ALL	00043848
463232.55000	3772641.23000	1.3473870e-04	372.16	372.16	0.00	PERIOD	ALL	00043848
463240.88000	3772644.66000	1.3864860e-04	372.28	372.28	0.00	PERIOD	ALL	00043848
463257.53000	3772651.51000	1.4748520e-04	372.51	372.51	0.00	PERIOD	ALL	00043848
463265.85000	3772654.94000	1.5252190e-04	372.62	372.62	0.00	PERIOD	ALL	00043848
463282.51000	3772661.80000	1.6422830e-04	372.85	372.85	0.00	PERIOD	ALL	00043848
463290.83000	3772665.23000	1.7109500e-04	372.96	372.96	0.00	PERIOD	ALL	00043848
463299.16000	3772668.66000	1.7884830e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463315.81000	3772675.51000	1.9780810e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463324.14000	3772678.94000	2.0962460e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463340.79000	3772685.80000	2.4038120e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463349.12000	3772689.23000	2.6104250e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463357.45000	3772692.66000	2.8713170e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463374.10000	3772699.52000	3.6763980e-04	373.11	373.11	0.00	PERIOD	ALL	00043848
463382.42000	3772702.94000	4.3498390e-04	373.22	373.22	0.00	PERIOD	ALL	00043848
463399.08000	3772709.80000	7.4702940e-04	373.45	373.45	0.00	PERIOD	ALL	00043848
463439.31000	3772740.14000	7.6205970e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463446.23000	3772756.77000	5.8855860e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463453.16000	3772773.39000	4.8795340e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463460.09000	3772790.01000	4.2257600e-04	374.12	374.12	0.00	PERIOD	ALL	00043848
463467.01000	3772806.64000	3.7707470e-04	374.68	374.68	0.00	PERIOD	ALL	00043848
463473.94000	3772823.26000	3.4306430e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463480.86000	3772839.89000	3.1668830e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463487.79000	3772856.51000	2.9575550e-04	375.34	375.34	0.00	PERIOD	ALL	00043848
463494.71000	3772873.14000	2.7884850e-04	375.89	375.89	0.00	PERIOD	ALL	00043848
463522.42000	3772939.63000	2.3375240e-04	376.62	376.62	0.00	PERIOD	ALL	00043848
463529.34000	3772956.26000	2.2620140e-04	376.78	376.78	0.00	PERIOD	ALL	00043848
463536.27000	3772972.88000	2.1960110e-04	377.02	377.02	0.00	PERIOD	ALL	00043848
463543.19000	3772989.51000	2.1379670e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463550.12000	3773006.13000	2.0865560e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463557.05000	3773022.76000	2.0408270e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463563.97000	3773039.38000	2.0003000e-04	377.43	377.43	0.00	PERIOD	ALL	00043848
463570.90000	3773056.01000	1.9637190e-04	377.95	377.95	0.00	PERIOD	ALL	00043848
463577.82000	3773072.63000	1.9302340e-04	377.88	377.88	0.00	PERIOD	ALL	00043848
463584.75000	3773089.25000	1.8995450e-04	378.05	378.05	0.00	PERIOD	ALL	00043848
463591.67000	3773105.88000	1.8712400e-04	378.17	378.17	0.00	PERIOD	ALL	00043848
463598.60000	3773122.50000	1.8447280e-04	378.23	378.23	0.00	PERIOD	ALL	00043848
463032.82000	3772519.01000	7.8570940e-05	371.09	371.09	0.00	PERIOD	ALL	00043848
463041.21000	3772522.47000	7.9849810e-05	371.20	371.20	0.00	PERIOD	ALL	00043848
463049.59000	3772525.92000	8.1163950e-05	371.32	371.32	0.00	PERIOD	ALL	00043848
463057.98000	3772529.38000	8.2520960e-05	371.43	371.43	0.00	PERIOD	ALL	00043848
463066.37000	3772532.83000	8.3919990e-05	371.55	371.55	0.00	PERIOD	ALL	00043848
463074.76000	3772536.28000	8.5364730e-05	371.66	371.66	0.00	PERIOD	ALL	00043848
463083.15000	3772539.74000	8.6860040e-05	371.78	371.78	0.00	PERIOD	ALL	00043848
463091.53000	3772543.19000	8.8405090e-05	371.90	371.90	0.00	PERIOD	ALL	00043848
463099.92000	3772546.65000	9.0009250e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463116.70000	3772553.55000	9.3402460e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463125.09000	3772557.01000	9.5204850e-05	371.88	371.88	0.00	PERIOD	ALL	00043848
463133.47000	3772560.46000	9.7081020e-05	371.76	371.76	0.00	PERIOD	ALL	00043848
463141.86000	3772563.92000	9.9043890e-05	371.69	371.69	0.00	PERIOD	ALL	00043848
463158.64000	3772570.83000	1.0324990e-04	371.57	371.57	0.00	PERIOD	ALL	00043848
463167.03000	3772574.28000	1.0550850e-04	371.39	371.39	0.00	PERIOD	ALL	00043848

463175.41000	3772577.73000	1.0788100e-04	371.18	371.18	0.00	PERIOD	ALL	00043848
463183.80000	3772581.19000	1.1039560e-04	371.16	371.16	0.00	PERIOD	ALL	00043848
463192.19000	3772584.64000	1.1306200e-04	371.28	371.28	0.00	PERIOD	ALL	00043848
463200.58000	3772588.10000	1.1589220e-04	371.39	371.39	0.00	PERIOD	ALL	00043848
463208.97000	3772591.55000	1.1890360e-04	371.51	371.51	0.00	PERIOD	ALL	00043848
463217.35000	3772595.00000	1.2211440e-04	371.62	371.62	0.00	PERIOD	ALL	00043848
463225.74000	3772598.46000	1.2556020e-04	371.74	371.74	0.00	PERIOD	ALL	00043848
463234.13000	3772601.91000	1.2926660e-04	371.85	371.85	0.00	PERIOD	ALL	00043848
463242.52000	3772605.37000	1.3327250e-04	371.97	371.97	0.00	PERIOD	ALL	00043848
463250.91000	3772608.82000	1.3762370e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463259.30000	3772612.27000	1.4237370e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463267.68000	3772615.73000	1.4758230e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463276.07000	3772619.18000	1.5333780e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463284.46000	3772622.64000	1.5973830e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463301.24000	3772629.55000	1.7500930e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463309.62000	3772633.00000	1.8424330e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463318.01000	3772636.45000	1.9491380e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463326.40000	3772639.91000	2.0739010e-04	372.12	372.12	0.00	PERIOD	ALL	00043848
463343.18000	3772646.82000	2.4018020e-04	372.35	372.35	0.00	PERIOD	ALL	00043848
463351.56000	3772650.27000	2.6242340e-04	372.46	372.46	0.00	PERIOD	ALL	00043848
463359.95000	3772653.72000	2.9081340e-04	372.58	372.58	0.00	PERIOD	ALL	00043848
463368.34000	3772657.18000	3.2841630e-04	372.69	372.69	0.00	PERIOD	ALL	00043848
463376.73000	3772660.63000	3.8072000e-04	372.81	372.81	0.00	PERIOD	ALL	00043848
463385.12000	3772664.09000	4.5891890e-04	372.93	372.93	0.00	PERIOD	ALL	00043848
463393.50000	3772667.54000	5.9016390e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463401.89000	3772670.99000	8.6440660e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463443.83000	3772688.27000	6.2802030e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463452.22000	3772691.72000	4.8836300e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463464.10000	3772703.55000	3.8158360e-04	373.12	373.12	0.00	PERIOD	ALL	00043848
463467.59000	3772711.92000	3.6081590e-04	373.21	373.21	0.00	PERIOD	ALL	00043848
463474.56000	3772728.67000	3.2727660e-04	373.23	373.23	0.00	PERIOD	ALL	00043848
463481.54000	3772745.42000	3.0143810e-04	373.64	373.64	0.00	PERIOD	ALL	00043848
463488.52000	3772762.16000	2.8073360e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463495.49000	3772778.91000	2.6368840e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463502.47000	3772795.66000	2.4955410e-04	374.31	374.31	0.00	PERIOD	ALL	00043848
463509.45000	3772812.41000	2.3773880e-04	374.87	374.87	0.00	PERIOD	ALL	00043848
463516.42000	3772829.15000	2.2747650e-04	374.87	374.87	0.00	PERIOD	ALL	00043848
463523.40000	3772845.90000	2.1865020e-04	374.99	374.99	0.00	PERIOD	ALL	00043848
463530.38000	3772862.65000	2.1098780e-04	375.17	375.17	0.00	PERIOD	ALL	00043848
463558.29000	3772929.64000	1.8850320e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463565.26000	3772946.39000	1.8433430e-04	376.34	376.34	0.00	PERIOD	ALL	00043848
463572.24000	3772963.14000	1.8058470e-04	376.82	376.82	0.00	PERIOD	ALL	00043848
463579.22000	3772979.88000	1.7717130e-04	376.83	376.83	0.00	PERIOD	ALL	00043848
463586.20000	3772996.63000	1.7407560e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463593.17000	3773013.38000	1.7124720e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463600.15000	3773030.13000	1.6863760e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463607.13000	3773046.87000	1.6621820e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463610.61000	3773055.25000	1.6507890e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463617.59000	3773072.00000	1.6291830e-04	377.52	377.52	0.00	PERIOD	ALL	00043848
463624.57000	3773088.74000	1.6087670e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463631.55000	3773105.49000	1.5893360e-04	377.98	377.98	0.00	PERIOD	ALL	00043848
463638.52000	3773122.24000	1.5709000e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463032.46000	3772478.90000	7.3796650e-05	370.98	370.98	0.00	PERIOD	ALL	00043848
463049.06000	3772485.74000	7.6232060e-05	370.99	370.99	0.00	PERIOD	ALL	00043848
463065.65000	3772492.57000	7.8830100e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463082.25000	3772499.40000	8.1615330e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463098.84000	3772506.24000	8.4613620e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463107.14000	3772509.65000	8.6201790e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463123.74000	3772516.49000	8.9583260e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463140.33000	3772523.32000	9.3271330e-05	371.07	371.07	0.00	PERIOD	ALL	00043848
463156.93000	3772530.16000	9.7321430e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463173.52000	3772536.99000	1.0180270e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463190.12000	3772543.82000	1.0680890e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463206.71000	3772550.66000	1.1245410e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463223.31000	3772557.49000	1.1889890e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463239.90000	3772564.32000	1.2635210e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463256.50000	3772571.16000	1.3512420e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463273.10000	3772577.99000	1.4564740e-04	371.06	371.06	0.00	PERIOD	ALL	00043848
463281.39000	3772581.41000	1.5175470e-04	371.17	371.17	0.00	PERIOD	ALL	00043848
463297.99000	3772588.24000	1.6624530e-04	371.40	371.40	0.00	PERIOD	ALL	00043848
463314.58000	3772595.08000	1.8491670e-04	371.62	371.62	0.00	PERIOD	ALL	00043848
463331.18000	3772601.91000	2.1012750e-04	371.85	371.85	0.00	PERIOD	ALL	00043848
463347.77000	3772608.74000	2.4645240e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463364.37000	3772615.58000	3.0420420e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463380.97000	3772622.41000	4.1146010e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463397.56000	3772629.25000	6.9056200e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463439.05000	3772646.33000	7.5686890e-04	372.33	372.33	0.00	PERIOD	ALL	00043848
463455.64000	3772653.16000	4.4528400e-04	372.65	372.65	0.00	PERIOD	ALL	00043848
463472.24000	3772660.00000	3.3063190e-04	372.95	372.95	0.00	PERIOD	ALL	00043848
463492.29000	3772675.12000	2.6017580e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463495.74000	3772683.40000	2.5211310e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463502.64000	3772699.97000	2.3801940e-04	373.00	373.00	0.00	PERIOD	ALL	00043848

463509.54000	3772716.53000	2.2611750e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463516.44000	3772733.10000	2.1597240e-04	373.17	373.17	0.00	PERIOD	ALL	00043848
463519.89000	3772741.38000	2.1143980e-04	373.33	373.33	0.00	PERIOD	ALL	00043848
463526.79000	3772757.95000	2.0324580e-04	373.46	373.46	0.00	PERIOD	ALL	00043848
463533.70000	3772774.52000	1.9608990e-04	373.68	373.68	0.00	PERIOD	ALL	00043848
463540.60000	3772791.09000	1.8979680e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463547.50000	3772807.65000	1.8417380e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463554.40000	3772824.22000	1.7919270e-04	374.26	374.26	0.00	PERIOD	ALL	00043848
463561.30000	3772840.79000	1.7477290e-04	374.82	374.82	0.00	PERIOD	ALL	00043848
463568.21000	3772857.35000	1.7074240e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463571.66000	3772865.64000	1.6887250e-04	374.98	374.98	0.00	PERIOD	ALL	00043848
463599.26000	3772931.91000	1.5678740e-04	375.85	375.85	0.00	PERIOD	ALL	00043848
463606.17000	3772948.47000	1.5435960e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463613.07000	3772965.04000	1.5211470e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463619.97000	3772981.61000	1.5003450e-04	376.16	376.16	0.00	PERIOD	ALL	00043848
463623.42000	3772989.89000	1.4904390e-04	376.16	376.16	0.00	PERIOD	ALL	00043848
463630.32000	3773006.46000	1.4716280e-04	376.34	376.34	0.00	PERIOD	ALL	00043848
463637.22000	3773023.03000	1.4540290e-04	376.89	376.89	0.00	PERIOD	ALL	00043848
463644.13000	3773039.59000	1.4372250e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463647.58000	3773047.88000	1.4291630e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463654.48000	3773064.44000	1.4135750e-04	377.05	377.05	0.00	PERIOD	ALL	00043848
463661.38000	3773081.01000	1.3986170e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463668.28000	3773097.58000	1.3843720e-04	377.37	377.37	0.00	PERIOD	ALL	00043848
463675.18000	3773114.14000	1.3706470e-04	377.93	377.93	0.00	PERIOD	ALL	00043848
463682.09000	3773130.71000	1.3573080e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463032.55000	3772438.97000	6.9475890e-05	370.38	370.38	0.00	PERIOD	ALL	00043848
463040.90000	3772442.41000	7.0620770e-05	370.33	370.33	0.00	PERIOD	ALL	00043848
463124.44000	3772476.81000	8.4826960e-05	370.68	370.68	0.00	PERIOD	ALL	00043848
463132.79000	3772480.25000	8.6607390e-05	370.80	370.80	0.00	PERIOD	ALL	00043848
463141.15000	3772483.69000	8.8475240e-05	370.91	370.91	0.00	PERIOD	ALL	00043848
463149.50000	3772487.13000	9.0434590e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463166.21000	3772494.01000	9.4658380e-05	370.59	370.59	0.00	PERIOD	ALL	00043848
463174.56000	3772497.45000	9.6951000e-05	370.48	370.48	0.00	PERIOD	ALL	00043848
463182.91000	3772500.89000	9.9385940e-05	370.49	370.49	0.00	PERIOD	ALL	00043848
463199.62000	3772507.77000	1.0473510e-04	370.71	370.71	0.00	PERIOD	ALL	00043848
463207.97000	3772511.21000	1.0767650e-04	370.83	370.83	0.00	PERIOD	ALL	00043848
463216.33000	3772514.65000	1.1082740e-04	370.94	370.94	0.00	PERIOD	ALL	00043848
463233.04000	3772521.53000	1.1785550e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463241.39000	3772524.97000	1.2179970e-04	370.96	370.96	0.00	PERIOD	ALL	00043848
463249.74000	3772528.41000	1.2608610e-04	370.80	370.80	0.00	PERIOD	ALL	00043848
463266.45000	3772535.29000	1.3590900e-04	370.67	370.67	0.00	PERIOD	ALL	00043848
463274.80000	3772538.73000	1.4158270e-04	370.75	370.75	0.00	PERIOD	ALL	00043848
463283.16000	3772542.17000	1.4789270e-04	370.86	370.86	0.00	PERIOD	ALL	00043848
463299.87000	3772549.05000	1.6290980e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463308.22000	3772552.49000	1.7197420e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463316.57000	3772555.93000	1.8241130e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463333.28000	3772562.81000	2.0901470e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463341.63000	3772566.25000	2.2639460e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463349.99000	3772569.69000	2.4784340e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463358.34000	3772573.13000	2.7498830e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463375.05000	3772580.01000	3.5963220e-04	371.12	371.12	0.00	PERIOD	ALL	00043848
463383.40000	3772583.45000	4.3147590e-04	371.24	371.24	0.00	PERIOD	ALL	00043848
463391.76000	3772586.89000	5.4872230e-04	371.35	371.35	0.00	PERIOD	ALL	00043848
463441.88000	3772607.53000	6.6503300e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463450.23000	3772610.97000	5.0466460e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463458.59000	3772614.41000	4.1325340e-04	372.08	372.08	0.00	PERIOD	ALL	00043848
463475.29000	3772621.29000	3.1225640e-04	372.43	372.43	0.00	PERIOD	ALL	00043848
463483.65000	3772624.73000	2.8090430e-04	372.61	372.61	0.00	PERIOD	ALL	00043848
463492.00000	3772628.17000	2.5625820e-04	372.73	372.73	0.00	PERIOD	ALL	00043848
463508.71000	3772635.05000	2.1965060e-04	372.96	372.96	0.00	PERIOD	ALL	00043848
463520.54000	3772646.83000	2.0089570e-04	372.76	372.76	0.00	PERIOD	ALL	00043848
463524.01000	3772655.17000	1.9666890e-04	372.82	372.82	0.00	PERIOD	ALL	00043848
463530.96000	3772671.85000	1.8902970e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463534.43000	3772680.19000	1.8554160e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463541.38000	3772696.87000	1.7917160e-04	372.94	372.94	0.00	PERIOD	ALL	00043848
463544.85000	3772705.21000	1.7627120e-04	372.88	372.88	0.00	PERIOD	ALL	00043848
463551.80000	3772721.88000	1.7098290e-04	372.94	372.94	0.00	PERIOD	ALL	00043848
463558.75000	3772738.56000	1.6626010e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463562.23000	3772746.90000	1.6407630e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463569.17000	3772763.58000	1.6007940e-04	373.24	373.24	0.00	PERIOD	ALL	00043848
463572.65000	3772771.92000	1.5822690e-04	373.47	373.47	0.00	PERIOD	ALL	00043848
463579.60000	3772788.60000	1.5478510e-04	373.69	373.69	0.00	PERIOD	ALL	00043848
463583.07000	3772796.94000	1.5317800e-04	373.71	373.71	0.00	PERIOD	ALL	00043848
463590.02000	3772813.62000	1.5018900e-04	373.94	373.94	0.00	PERIOD	ALL	00043848
463593.49000	3772821.96000	1.4879430e-04	374.04	374.04	0.00	PERIOD	ALL	00043848
463600.44000	3772838.64000	1.4616000e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463607.39000	3772855.32000	1.4376380e-04	374.30	374.30	0.00	PERIOD	ALL	00043848
463610.86000	3772863.66000	1.4264930e-04	374.58	374.58	0.00	PERIOD	ALL	00043848
463638.66000	3772930.37000	1.3499810e-04	375.80	375.80	0.00	PERIOD	ALL	00043848
463642.13000	3772938.71000	1.3418180e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463649.08000	3772955.39000	1.3260730e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463656.03000	3772972.07000	1.3111790e-04	376.00	376.00	0.00	PERIOD	ALL	00043848

463659.50000	3772980.41000	1.3040380e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463666.45000	3772997.09000	1.2902230e-04	376.03	376.03	0.00	PERIOD	ALL	00043848
463669.93000	3773005.43000	1.2835820e-04	376.30	376.30	0.00	PERIOD	ALL	00043848
463676.88000	3773022.11000	1.2707190e-04	376.86	376.86	0.00	PERIOD	ALL	00043848
463680.35000	3773030.45000	1.2644800e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463687.30000	3773047.12000	1.2522670e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463690.77000	3773055.46000	1.2463350e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463697.72000	3773072.14000	1.2347310e-04	377.14	377.14	0.00	PERIOD	ALL	00043848
463704.67000	3773088.82000	1.2234920e-04	377.54	377.54	0.00	PERIOD	ALL	00043848
463708.14000	3773097.16000	1.2180150e-04	377.75	377.75	0.00	PERIOD	ALL	00043848
463715.09000	3773113.84000	1.2072370e-04	377.99	377.99	0.00	PERIOD	ALL	00043848
463718.57000	3773122.18000	1.2019520e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463725.51000	3773138.86000	1.1916900e-04	378.15	378.15	0.00	PERIOD	ALL	00043848
463032.62000	3772399.03000	6.5481440e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463041.02000	3772402.50000	6.6579810e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463049.43000	3772405.96000	6.7718570e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463057.83000	3772409.42000	6.8899570e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463066.23000	3772412.88000	7.0126510e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463074.64000	3772416.34000	7.1404040e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463083.04000	3772419.80000	7.2733060e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463091.45000	3772423.26000	7.4119310e-05	369.99	369.99	0.00	PERIOD	ALL	00043848
463099.85000	3772426.72000	7.5566790e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463108.26000	3772430.18000	7.7080560e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463116.66000	3772433.64000	7.8663920e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463125.07000	3772437.10000	8.0325400e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463133.47000	3772440.56000	8.2068450e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463217.51000	3772475.17000	1.0622330e-04	370.00	370.00	0.00	PERIOD	ALL	00043848
463225.92000	3772478.63000	1.0964250e-04	370.00	370.00	0.00	PERIOD	ALL	00043848
463234.32000	3772482.10000	1.1333530e-04	370.00	370.00	0.00	PERIOD	ALL	00043848
463242.73000	3772485.56000	1.1734490e-04	370.00	370.00	0.00	PERIOD	ALL	00043848
463251.13000	3772489.02000	1.2171310e-04	370.06	370.06	0.00	PERIOD	ALL	00043848
463259.54000	3772492.48000	1.2649590e-04	370.07	370.07	0.00	PERIOD	ALL	00043848
463267.94000	3772495.94000	1.3174850e-04	370.02	370.02	0.00	PERIOD	ALL	00043848
463276.35000	3772499.40000	1.3757010e-04	370.00	370.00	0.00	PERIOD	ALL	00043848
463284.75000	3772502.86000	1.4404930e-04	370.00	370.00	0.00	PERIOD	ALL	00043848
463293.15000	3772506.32000	1.5131930e-04	370.00	370.00	0.00	PERIOD	ALL	00043848
463301.56000	3772509.78000	1.5955510e-04	370.00	370.00	0.00	PERIOD	ALL	00043848
463309.96000	3772513.24000	1.6895510e-04	370.00	370.00	0.00	PERIOD	ALL	00043848
463318.37000	3772516.70000	1.7983150e-04	370.01	370.01	0.00	PERIOD	ALL	00043848
463326.77000	3772520.16000	1.9257260e-04	370.13	370.13	0.00	PERIOD	ALL	00043848
463335.18000	3772523.63000	2.0775060e-04	370.24	370.24	0.00	PERIOD	ALL	00043848
463343.58000	3772527.09000	2.2613820e-04	370.36	370.36	0.00	PERIOD	ALL	00043848
463351.99000	3772530.55000	2.4899380e-04	370.47	370.47	0.00	PERIOD	ALL	00043848
463360.39000	3772534.01000	2.7818060e-04	370.60	370.60	0.00	PERIOD	ALL	00043848
463368.79000	3772537.47000	3.1693220e-04	370.79	370.79	0.00	PERIOD	ALL	00043848
463377.20000	3772540.93000	3.7113520e-04	370.93	370.93	0.00	PERIOD	ALL	00043848
463385.60000	3772544.39000	4.5268390e-04	370.99	370.99	0.00	PERIOD	ALL	00043848
463394.01000	3772547.85000	5.9173450e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463402.41000	3772551.31000	8.9013840e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463444.43000	3772568.62000	5.9797270e-04	371.61	371.61	0.00	PERIOD	ALL	00043848
463452.84000	3772572.08000	4.6570700e-04	371.86	371.86	0.00	PERIOD	ALL	00043848
463461.24000	3772575.54000	3.8728290e-04	371.97	371.97	0.00	PERIOD	ALL	00043848
463469.65000	3772579.00000	3.3472740e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463478.05000	3772582.46000	2.9667910e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463486.46000	3772585.92000	2.6757880e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463494.86000	3772589.38000	2.4453510e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463511.67000	3772596.30000	2.1009290e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463520.07000	3772599.76000	1.9684390e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463528.48000	3772603.23000	1.8544480e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463536.88000	3772606.69000	1.7554020e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463548.78000	3772618.54000	1.6413700e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463552.28000	3772626.93000	1.6158990e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463559.27000	3772643.71000	1.5692910e-04	372.09	372.09	0.00	PERIOD	ALL	00043848
463566.26000	3772660.49000	1.5272570e-04	372.09	372.09	0.00	PERIOD	ALL	00043848
463569.75000	3772668.88000	1.5077370e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463576.75000	3772685.66000	1.4716470e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463583.74000	3772702.44000	1.4392130e-04	372.20	372.20	0.00	PERIOD	ALL	00043848
463590.73000	3772719.22000	1.4100780e-04	372.76	372.76	0.00	PERIOD	ALL	00043848
463597.72000	3772736.00000	1.3831210e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463601.21000	3772744.39000	1.3703940e-04	372.98	372.98	0.00	PERIOD	ALL	00043848
463608.20000	3772761.17000	1.3465200e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463615.19000	3772777.95000	1.3245250e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463622.18000	3772794.73000	1.3044320e-04	373.28	373.28	0.00	PERIOD	ALL	00043848
463629.18000	3772811.51000	1.2859570e-04	373.84	373.84	0.00	PERIOD	ALL	00043848
463632.67000	3772819.90000	1.2771220e-04	373.91	373.91	0.00	PERIOD	ALL	00043848
463639.66000	3772836.68000	1.2602360e-04	373.89	373.89	0.00	PERIOD	ALL	00043848
463646.65000	3772853.46000	1.2446470e-04	374.24	374.24	0.00	PERIOD	ALL	00043848
463653.64000	3772870.24000	1.2301370e-04	374.80	374.80	0.00	PERIOD	ALL	00043848
463657.14000	3772878.63000	1.2231340e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463678.11000	3772928.97000	1.1846930e-04	375.29	375.29	0.00	PERIOD	ALL	00043848
463685.10000	3772945.75000	1.1730790e-04	375.42	375.42	0.00	PERIOD	ALL	00043848
463688.60000	3772954.14000	1.1674800e-04	375.61	375.61	0.00	PERIOD	ALL	00043848

463695.59000	3772970.92000	1.1566300e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463702.58000	3772987.70000	1.1460570e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463709.57000	3773004.48000	1.1358680e-04	376.27	376.27	0.00	PERIOD	ALL	00043848
463716.56000	3773021.26000	1.1260000e-04	376.83	376.83	0.00	PERIOD	ALL	00043848
463720.05000	3773029.66000	1.1211720e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463727.04000	3773046.44000	1.1116190e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463734.04000	3773063.22000	1.1022910e-04	377.23	377.23	0.00	PERIOD	ALL	00043848
463741.03000	3773080.00000	1.0932300e-04	377.79	377.79	0.00	PERIOD	ALL	00043848
463744.52000	3773088.39000	1.0887680e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463751.51000	3773105.17000	1.0799740e-04	378.00	378.00	0.00	PERIOD	ALL	00043848
463758.50000	3773121.95000	1.0713990e-04	378.19	378.19	0.00	PERIOD	ALL	00043848
463032.30000	3772358.94000	6.1652030e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
463048.95000	3772365.80000	6.3744060e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
463057.28000	3772369.22000	6.4857730e-05	369.10	369.10	0.00	PERIOD	ALL	00043848
463065.60000	3772372.65000	6.6016830e-05	369.21	369.21	0.00	PERIOD	ALL	00043848
463082.26000	3772379.51000	6.8485020e-05	369.44	369.44	0.00	PERIOD	ALL	00043848
463090.58000	3772382.94000	6.9797910e-05	369.54	369.54	0.00	PERIOD	ALL	00043848
463107.24000	3772389.80000	7.2582230e-05	369.32	369.32	0.00	PERIOD	ALL	00043848
463115.56000	3772393.23000	7.4067840e-05	369.12	369.12	0.00	PERIOD	ALL	00043848
463123.89000	3772396.65000	7.5634710e-05	369.01	369.01	0.00	PERIOD	ALL	00043848
463140.54000	3772403.51000	7.9052730e-05	369.24	369.24	0.00	PERIOD	ALL	00043848
463148.87000	3772406.94000	8.0902670e-05	369.35	369.35	0.00	PERIOD	ALL	00043848
463165.52000	3772413.80000	8.4926040e-05	369.58	369.58	0.00	PERIOD	ALL	00043848
463173.85000	3772417.23000	8.7122350e-05	369.70	369.70	0.00	PERIOD	ALL	00043848
463182.17000	3772420.65000	8.9449310e-05	369.74	369.74	0.00	PERIOD	ALL	00043848
463198.83000	3772427.51000	9.4562080e-05	369.39	369.39	0.00	PERIOD	ALL	00043848
463207.15000	3772430.94000	9.7389060e-05	369.22	369.22	0.00	PERIOD	ALL	00043848
463223.81000	3772437.80000	1.0374100e-04	369.38	369.38	0.00	PERIOD	ALL	00043848
463315.40000	3772475.51000	1.7071530e-04	370.00	370.00	0.00	PERIOD	ALL	00043848
463323.72000	3772478.94000	1.8263780e-04	370.00	370.00	0.00	PERIOD	ALL	00043848
463340.37000	3772485.80000	2.1366990e-04	370.00	370.00	0.00	PERIOD	ALL	00043848
463348.70000	3772489.23000	2.3448290e-04	370.00	370.00	0.00	PERIOD	ALL	00043848
463357.03000	3772492.66000	2.6072480e-04	370.00	370.00	0.00	PERIOD	ALL	00043848
463373.68000	3772499.52000	3.4153530e-04	370.21	370.21	0.00	PERIOD	ALL	00043848
463382.01000	3772502.94000	4.0907750e-04	370.41	370.41	0.00	PERIOD	ALL	00043848
463398.66000	3772509.80000	7.2050120e-04	370.78	370.78	0.00	PERIOD	ALL	00043848
463440.29000	3772526.95000	6.9623390e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463456.94000	3772533.80000	4.1756840e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463465.27000	3772537.23000	3.5419210e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463473.60000	3772540.66000	3.1002460e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463490.25000	3772547.52000	2.5165970e-04	371.04	371.04	0.00	PERIOD	ALL	00043848
463498.58000	3772550.95000	2.3112150e-04	371.15	371.15	0.00	PERIOD	ALL	00043848
463506.90000	3772554.38000	2.1420250e-04	371.27	371.27	0.00	PERIOD	ALL	00043848
463523.55000	3772561.23000	1.8780640e-04	371.50	371.50	0.00	PERIOD	ALL	00043848
463531.88000	3772564.66000	1.7731910e-04	371.61	371.61	0.00	PERIOD	ALL	00043848
463548.53000	3772571.52000	1.6002910e-04	371.84	371.84	0.00	PERIOD	ALL	00043848
463556.86000	3772574.95000	1.5279270e-04	371.95	371.95	0.00	PERIOD	ALL	00043848
463565.19000	3772578.38000	1.4628940e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463576.98000	3772590.12000	1.3869200e-04	371.76	371.76	0.00	PERIOD	ALL	00043848
463580.44000	3772598.43000	1.3706700e-04	371.64	371.64	0.00	PERIOD	ALL	00043848
463587.36000	3772615.05000	1.3407320e-04	371.58	371.58	0.00	PERIOD	ALL	00043848
463594.29000	3772631.68000	1.3139290e-04	371.87	371.87	0.00	PERIOD	ALL	00043848
463601.22000	3772648.30000	1.2889650e-04	371.95	371.95	0.00	PERIOD	ALL	00043848
463608.14000	3772664.93000	1.2656750e-04	371.72	371.72	0.00	PERIOD	ALL	00043848
463615.07000	3772681.55000	1.2444860e-04	371.75	371.75	0.00	PERIOD	ALL	00043848
463621.99000	3772698.18000	1.2252130e-04	372.02	372.02	0.00	PERIOD	ALL	00043848
463628.92000	3772714.80000	1.2070150e-04	372.02	372.02	0.00	PERIOD	ALL	00043848
463635.84000	3772731.43000	1.1902630e-04	372.13	372.13	0.00	PERIOD	ALL	00043848
463642.77000	3772748.05000	1.1747530e-04	372.41	372.41	0.00	PERIOD	ALL	00043848
463649.70000	3772764.67000	1.1601310e-04	372.52	372.52	0.00	PERIOD	ALL	00043848
463656.62000	3772781.30000	1.1466880e-04	372.85	372.85	0.00	PERIOD	ALL	00043848
463663.55000	3772797.92000	1.1338580e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463670.47000	3772814.55000	1.1216860e-04	373.00	373.00	0.00	PERIOD	ALL	00043848
463677.40000	3772831.17000	1.1104820e-04	373.49	373.49	0.00	PERIOD	ALL	00043848
463684.33000	3772847.80000	1.0998450e-04	374.01	374.01	0.00	PERIOD	ALL	00043848
463691.25000	3772864.42000	1.0894370e-04	374.00	374.00	0.00	PERIOD	ALL	00043848
463718.95000	3772930.92000	1.0522460e-04	375.00	375.00	0.00	PERIOD	ALL	00043848
463725.88000	3772947.54000	1.0437000e-04	375.37	375.37	0.00	PERIOD	ALL	00043848
463732.81000	3772964.17000	1.0354340e-04	375.93	375.93	0.00	PERIOD	ALL	00043848
463739.73000	3772980.79000	1.0272410e-04	376.00	376.00	0.00	PERIOD	ALL	00043848
463746.66000	3772997.42000	1.0191930e-04	376.04	376.04	0.00	PERIOD	ALL	00043848
463753.58000	3773014.04000	1.0114550e-04	376.59	376.59	0.00	PERIOD	ALL	00043848
463760.51000	3773030.67000	1.0037840e-04	377.00	377.00	0.00	PERIOD	ALL	00043848
463767.43000	3773047.29000	9.9616870e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
463774.36000	3773063.91000	9.8872920e-05	377.25	377.25	0.00	PERIOD	ALL	00043848
463781.29000	3773080.54000	9.8149110e-05	377.81	377.81	0.00	PERIOD	ALL	00043848
463788.21000	3773097.16000	9.7429070e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463795.14000	3773113.79000	9.6718690e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463802.06000	3773130.41000	9.6035700e-05	378.47	378.47	0.00	PERIOD	ALL	00043848
463032.36000	3772319.00000	5.8104530e-05	368.42	368.42	0.00	PERIOD	ALL	00043848
463040.73000	3772322.44000	5.9080660e-05	368.54	368.54	0.00	PERIOD	ALL	00043848
463049.10000	3772325.89000	6.0095640e-05	368.65	368.65	0.00	PERIOD	ALL	00043848

463065.85000	3772332.79000	6.2253600e-05	368.88	368.88	0.00	PERIOD	ALL	00043848
463074.22000	3772336.24000	6.3402100e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
463082.60000	3772339.68000	6.4594810e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
463090.97000	3772343.13000	6.5840880e-05	368.97	368.97	0.00	PERIOD	ALL	00043848
463107.72000	3772350.03000	6.8502970e-05	368.67	368.67	0.00	PERIOD	ALL	00043848
463116.09000	3772353.48000	6.9941550e-05	368.62	368.62	0.00	PERIOD	ALL	00043848
463124.46000	3772356.92000	7.1462590e-05	368.69	368.69	0.00	PERIOD	ALL	00043848
463141.21000	3772363.82000	7.4768400e-05	368.92	368.92	0.00	PERIOD	ALL	00043848
463149.58000	3772367.27000	7.6561390e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
463157.96000	3772370.72000	7.8458910e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
463166.33000	3772374.16000	8.0471630e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
463183.08000	3772381.06000	8.4904410e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
463191.45000	3772384.51000	8.7349860e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
463199.82000	3772387.96000	8.9971140e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
463208.19000	3772391.40000	9.2787140e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
463224.94000	3772398.30000	9.9109040e-05	369.00	369.00	0.00	PERIOD	ALL	00043848
463233.31000	3772401.75000	1.0266890e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463241.69000	3772405.20000	1.0654770e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463250.06000	3772408.64000	1.1078030e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463266.81000	3772415.54000	1.2055490e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463275.18000	3772418.99000	1.2623400e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463283.55000	3772422.44000	1.3256750e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463291.93000	3772425.89000	1.3968780e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463308.67000	3772432.78000	1.5692570e-04	369.21	369.21	0.00	PERIOD	ALL	00043848
463317.05000	3772436.23000	1.6754300e-04	369.33	369.33	0.00	PERIOD	ALL	00043848
463442.65000	3772487.95000	6.2398440e-04	370.05	370.05	0.00	PERIOD	ALL	00043848
463451.02000	3772491.40000	4.7628340e-04	370.17	370.17	0.00	PERIOD	ALL	00043848
463467.77000	3772498.29000	3.3414690e-04	370.40	370.40	0.00	PERIOD	ALL	00043848
463476.14000	3772501.74000	2.9418220e-04	370.51	370.51	0.00	PERIOD	ALL	00043848
463484.51000	3772505.19000	2.6410150e-04	370.63	370.63	0.00	PERIOD	ALL	00043848
463492.89000	3772508.64000	2.4037920e-04	370.74	370.74	0.00	PERIOD	ALL	00043848
463509.63000	3772515.53000	2.0520300e-04	370.97	370.97	0.00	PERIOD	ALL	00043848
463518.01000	3772518.98000	1.9166940e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463526.38000	3772522.43000	1.8008450e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463534.75000	3772525.88000	1.7004290e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463551.50000	3772532.77000	1.5341660e-04	370.82	370.82	0.00	PERIOD	ALL	00043848
463559.87000	3772536.22000	1.4648310e-04	370.77	370.77	0.00	PERIOD	ALL	00043848
463568.25000	3772539.67000	1.4026870e-04	370.79	370.79	0.00	PERIOD	ALL	00043848
463584.99000	3772546.57000	1.2959810e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463593.37000	3772550.01000	1.2494270e-04	371.03	371.03	0.00	PERIOD	ALL	00043848
463605.22000	3772561.82000	1.1956880e-04	370.91	370.91	0.00	PERIOD	ALL	00043848
463608.70000	3772570.18000	1.1852350e-04	370.94	370.94	0.00	PERIOD	ALL	00043848
463615.67000	3772586.90000	1.1654660e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463622.63000	3772603.62000	1.1471340e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463626.12000	3772611.98000	1.1384470e-04	371.02	371.02	0.00	PERIOD	ALL	00043848
463633.08000	3772628.69000	1.1220080e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463640.05000	3772645.41000	1.1066780e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463647.01000	3772662.13000	1.0923990e-04	371.00	371.00	0.00	PERIOD	ALL	00043848
463653.98000	3772678.85000	1.0794110e-04	371.42	371.42	0.00	PERIOD	ALL	00043848
463657.46000	3772687.21000	1.0733320e-04	371.70	371.70	0.00	PERIOD	ALL	00043848
463664.42000	3772703.93000	1.0613640e-04	371.88	371.88	0.00	PERIOD	ALL	00043848
463671.39000	3772720.64000	1.0499370e-04	371.93	371.93	0.00	PERIOD	ALL	00043848
463678.35000	3772737.36000	1.0392120e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463681.83000	3772745.72000	1.0340380e-04	372.00	372.00	0.00	PERIOD	ALL	00043848
463688.80000	3772762.44000	1.0242470e-04	372.20	372.20	0.00	PERIOD	ALL	00043848
463695.76000	3772779.16000	1.0151460e-04	372.61	372.61	0.00	PERIOD	ALL	00043848
463702.73000	3772795.88000	1.0061910e-04	372.70	372.70	0.00	PERIOD	ALL	00043848
463709.69000	3772812.59000	9.9775290e-05	372.92	372.92	0.00	PERIOD	ALL	00043848
463713.18000	3772820.95000	9.9372790e-05	373.15	373.15	0.00	PERIOD	ALL	00043848
463720.14000	3772837.67000	9.8600100e-05	373.71	373.71	0.00	PERIOD	ALL	00043848
463727.11000	3772854.39000	9.7832130e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
463734.07000	3772871.11000	9.7074490e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
463758.45000	3772929.62000	9.4612830e-05	375.00	375.00	0.00	PERIOD	ALL	00043848
463761.93000	3772937.98000	9.4271610e-05	375.05	375.05	0.00	PERIOD	ALL	00043848
463768.89000	3772954.70000	9.3615400e-05	375.61	375.61	0.00	PERIOD	ALL	00043848
463775.86000	3772971.42000	9.2958180e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
463782.82000	3772988.13000	9.2297830e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
463789.79000	3773004.85000	9.1656070e-05	376.28	376.28	0.00	PERIOD	ALL	00043848
463793.27000	3773013.21000	9.1345760e-05	376.56	376.56	0.00	PERIOD	ALL	00043848
463800.23000	3773029.93000	9.0722260e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
463807.20000	3773046.65000	9.0084640e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
463814.16000	3773063.37000	8.9467260e-05	377.20	377.20	0.00	PERIOD	ALL	00043848
463817.65000	3773071.72000	8.9163000e-05	377.38	377.38	0.00	PERIOD	ALL	00043848
463824.61000	3773088.44000	8.8555400e-05	377.54	377.54	0.00	PERIOD	ALL	00043848
463831.58000	3773105.16000	8.7956010e-05	377.73	377.73	0.00	PERIOD	ALL	00043848
463838.54000	3773121.88000	8.7371420e-05	378.01	378.01	0.00	PERIOD	ALL	00043848
463845.51000	3773138.60000	8.6786560e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463032.06000	3772278.91000	5.4699930e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463048.67000	3772285.75000	5.6523790e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463065.28000	3772292.59000	5.8502220e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463073.59000	3772296.01000	5.9557260e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463090.19000	3772302.85000	6.1813810e-05	368.00	368.00	0.00	PERIOD	ALL	00043848

463098.50000	3772306.27000	6.3025250e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463106.80000	3772309.69000	6.4299700e-05	368.05	368.05	0.00	PERIOD	ALL	00043848
463123.41000	3772316.53000	6.7044720e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463131.72000	3772319.95000	6.8534030e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463148.32000	3772326.78000	7.1773990e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463156.63000	3772330.20000	7.3546000e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463173.24000	3772337.04000	7.7441170e-05	368.02	368.02	0.00	PERIOD	ALL	00043848
463189.84000	3772343.88000	8.1900600e-05	368.25	368.25	0.00	PERIOD	ALL	00043848
463206.45000	3772350.72000	8.7042250e-05	368.48	368.48	0.00	PERIOD	ALL	00043848
463214.76000	3772354.14000	8.9915220e-05	368.49	368.49	0.00	PERIOD	ALL	00043848
463231.37000	3772360.98000	9.6389960e-05	368.23	368.23	0.00	PERIOD	ALL	00043848
463247.97000	3772367.82000	1.0408790e-04	368.05	368.05	0.00	PERIOD	ALL	00043848
463256.28000	3772371.24000	1.0852280e-04	368.16	368.16	0.00	PERIOD	ALL	00043848
463264.58000	3772374.66000	1.1340990e-04	368.28	368.28	0.00	PERIOD	ALL	00043848
463281.19000	3772381.50000	1.2487170e-04	368.51	368.51	0.00	PERIOD	ALL	00043848
463289.49000	3772384.92000	1.3163960e-04	368.62	368.62	0.00	PERIOD	ALL	00043848
463306.10000	3772391.76000	1.4800130e-04	368.85	368.85	0.00	PERIOD	ALL	00043848
463314.41000	3772395.18000	1.5802960e-04	368.96	368.96	0.00	PERIOD	ALL	00043848
463331.02000	3772402.02000	1.8350300e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463339.32000	3772405.44000	2.0005090e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463355.93000	3772412.27000	2.4581830e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463372.54000	3772419.11000	3.2378450e-04	368.90	368.90	0.00	PERIOD	ALL	00043848
463380.84000	3772422.53000	3.8801110e-04	368.91	368.91	0.00	PERIOD	ALL	00043848
463389.14000	3772425.95000	4.8885720e-04	368.99	368.99	0.00	PERIOD	ALL	00043848
463488.79000	3772466.99000	2.4602380e-04	369.36	369.36	0.00	PERIOD	ALL	00043848
463497.10000	3772470.41000	2.2509900e-04	369.47	369.47	0.00	PERIOD	ALL	00043848
463513.71000	3772477.25000	1.9354340e-04	369.70	369.70	0.00	PERIOD	ALL	00043848
463530.32000	3772484.09000	1.7074600e-04	369.93	369.93	0.00	PERIOD	ALL	00043848
463538.62000	3772487.50000	1.6154440e-04	370.04	370.04	0.00	PERIOD	ALL	00043848
463546.92000	3772490.92000	1.5343510e-04	370.12	370.12	0.00	PERIOD	ALL	00043848
463563.53000	3772497.76000	1.3975090e-04	370.08	370.08	0.00	PERIOD	ALL	00043848
463571.84000	3772501.18000	1.3391620e-04	369.96	369.96	0.00	PERIOD	ALL	00043848
463588.44000	3772508.02000	1.2386240e-04	369.83	369.83	0.00	PERIOD	ALL	00043848
463596.75000	3772511.44000	1.1948990e-04	369.85	369.85	0.00	PERIOD	ALL	00043848
463613.36000	3772518.28000	1.1179580e-04	370.04	370.04	0.00	PERIOD	ALL	00043848
463621.66000	3772521.70000	1.0837070e-04	370.05	370.05	0.00	PERIOD	ALL	00043848
463633.42000	3772533.41000	1.0448720e-04	370.00	370.00	0.00	PERIOD	ALL	00043848
463640.33000	3772549.99000	1.0317130e-04	370.08	370.08	0.00	PERIOD	ALL	00043848
463647.23000	3772566.57000	1.0194970e-04	370.28	370.28	0.00	PERIOD	ALL	00043848
463654.14000	3772583.15000	1.0078370e-04	370.37	370.37	0.00	PERIOD	ALL	00043848
463661.05000	3772599.73000	9.9715130e-05	370.74	370.74	0.00	PERIOD	ALL	00043848
463667.96000	3772616.31000	9.8675590e-05	370.82	370.82	0.00	PERIOD	ALL	00043848
463674.86000	3772632.89000	9.7699360e-05	370.94	370.94	0.00	PERIOD	ALL	00043848
463681.77000	3772649.47000	9.6766050e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463688.68000	3772666.05000	9.5874710e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463695.58000	3772682.63000	9.5029490e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463702.49000	3772699.21000	9.4226180e-05	371.05	371.05	0.00	PERIOD	ALL	00043848
463709.40000	3772715.79000	9.3470980e-05	371.22	371.22	0.00	PERIOD	ALL	00043848
463716.31000	3772732.37000	9.2738290e-05	371.29	371.29	0.00	PERIOD	ALL	00043848
463719.76000	3772740.66000	9.2399030e-05	371.48	371.48	0.00	PERIOD	ALL	00043848
463726.67000	3772757.24000	9.1751650e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463733.57000	3772773.82000	9.1082950e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463740.48000	3772790.40000	9.0446300e-05	372.14	372.14	0.00	PERIOD	ALL	00043848
463747.39000	3772806.98000	8.9863140e-05	372.69	372.69	0.00	PERIOD	ALL	00043848
463754.30000	3772823.56000	8.9293400e-05	373.24	373.24	0.00	PERIOD	ALL	00043848
463761.20000	3772840.14000	8.8736830e-05	373.79	373.79	0.00	PERIOD	ALL	00043848
463768.11000	3772856.72000	8.8161930e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
463775.02000	3772873.30000	8.7583110e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
463802.65000	3772939.62000	8.5399840e-05	375.11	375.11	0.00	PERIOD	ALL	00043848
463806.10000	3772947.91000	8.5140300e-05	375.39	375.39	0.00	PERIOD	ALL	00043848
463813.01000	3772964.49000	8.4619260e-05	375.94	375.94	0.00	PERIOD	ALL	00043848
463819.92000	3772981.07000	8.4075890e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
463826.82000	3772997.65000	8.3537680e-05	376.04	376.04	0.00	PERIOD	ALL	00043848
463833.73000	3773014.23000	8.3036780e-05	376.60	376.60	0.00	PERIOD	ALL	00043848
463840.64000	3773030.81000	8.2524540e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
463847.54000	3773047.39000	8.1991040e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
463854.45000	3773063.97000	8.1461470e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
463861.36000	3773080.55000	8.0938400e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
463868.27000	3773097.14000	8.0445820e-05	377.36	377.36	0.00	PERIOD	ALL	00043848
463875.17000	3773113.72000	7.9971480e-05	377.93	377.93	0.00	PERIOD	ALL	00043848
463882.08000	3773130.30000	7.9471820e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463107.24000	3772269.90000	6.0421290e-05	367.79	367.79	0.00	PERIOD	ALL	00043848
463123.94000	3772276.78000	6.3002180e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463132.28000	3772280.21000	6.4394840e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463140.63000	3772283.65000	6.5872770e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463157.33000	3772290.53000	6.9104830e-05	367.87	367.87	0.00	PERIOD	ALL	00043848
463165.68000	3772293.96000	7.0879800e-05	367.78	367.78	0.00	PERIOD	ALL	00043848
463174.02000	3772297.40000	7.2781030e-05	367.76	367.76	0.00	PERIOD	ALL	00043848
463190.72000	3772304.28000	7.7023590e-05	367.93	367.93	0.00	PERIOD	ALL	00043848
463199.07000	3772307.71000	7.9388630e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463207.41000	3772311.15000	8.1939990e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463224.11000	3772318.03000	8.7719520e-05	368.00	368.00	0.00	PERIOD	ALL	00043848

463232.46000	3772321.46000	9.1004060e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463240.81000	3772324.90000	9.4603140e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463257.50000	3772331.78000	1.0292670e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463265.85000	3772335.21000	1.0777320e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463274.20000	3772338.65000	1.1317910e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463290.89000	3772345.53000	1.2607530e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463299.24000	3772348.96000	1.3385010e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463307.59000	3772352.40000	1.4276530e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463324.28000	3772359.28000	1.6516020e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463332.63000	3772362.72000	1.7951600e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463340.98000	3772366.15000	1.9685810e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463357.67000	3772373.03000	2.4525660e-04	368.22	368.22	0.00	PERIOD	ALL	00043848
463366.02000	3772376.47000	2.8076390e-04	368.27	368.27	0.00	PERIOD	ALL	00043848
463374.37000	3772379.90000	3.2953400e-04	368.23	368.23	0.00	PERIOD	ALL	00043848
463391.06000	3772386.78000	5.1636140e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463399.41000	3772390.22000	7.4148140e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463407.76000	3772393.65000	8.9267960e-04	368.00	368.00	0.00	PERIOD	ALL	00043848
463591.41000	3772469.28000	1.1829730e-04	369.12	369.12	0.00	PERIOD	ALL	00043848
463599.76000	3772472.72000	1.1410550e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463608.11000	3772476.15000	1.1027750e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463624.80000	3772483.03000	1.0348810e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463633.15000	3772486.47000	1.0045630e-04	369.00	369.00	0.00	PERIOD	ALL	00043848
463641.50000	3772489.90000	9.7648340e-05	369.12	369.12	0.00	PERIOD	ALL	00043848
463661.66000	3772505.11000	9.2180370e-05	369.58	369.58	0.00	PERIOD	ALL	00043848
463665.14000	3772513.45000	9.1786500e-05	369.74	369.74	0.00	PERIOD	ALL	00043848
463672.08000	3772530.11000	9.0994810e-05	369.78	369.78	0.00	PERIOD	ALL	00043848
463675.55000	3772538.45000	9.0616480e-05	369.86	369.86	0.00	PERIOD	ALL	00043848
463682.49000	3772555.11000	8.9877660e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463685.97000	3772563.45000	8.9510230e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463692.91000	3772580.11000	8.8800490e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463696.38000	3772588.45000	8.8456550e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463703.32000	3772605.11000	8.7786960e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463706.80000	3772613.45000	8.7483540e-05	370.24	370.24	0.00	PERIOD	ALL	00043848
463713.74000	3772630.11000	8.6904830e-05	370.79	370.79	0.00	PERIOD	ALL	00043848
463717.21000	3772638.45000	8.6617470e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463724.15000	3772655.12000	8.6013970e-05	370.94	370.94	0.00	PERIOD	ALL	00043848
463727.63000	3772663.45000	8.5722900e-05	370.97	370.97	0.00	PERIOD	ALL	00043848
463734.57000	3772680.12000	8.5157850e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463738.04000	3772688.45000	8.4880460e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463744.99000	3772705.12000	8.4336680e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463748.46000	3772713.45000	8.4071470e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463755.40000	3772730.12000	8.3580240e-05	371.29	371.29	0.00	PERIOD	ALL	00043848
463758.87000	3772738.45000	8.3353140e-05	371.59	371.59	0.00	PERIOD	ALL	00043848
463765.82000	3772755.12000	8.2885960e-05	371.98	371.98	0.00	PERIOD	ALL	00043848
463769.29000	3772763.45000	8.2640930e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463776.23000	3772780.12000	8.2155000e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463779.70000	3772788.45000	8.1921170e-05	372.07	372.07	0.00	PERIOD	ALL	00043848
463786.65000	3772805.12000	8.1501350e-05	372.71	372.71	0.00	PERIOD	ALL	00043848
463790.12000	3772813.45000	8.1284920e-05	372.94	372.94	0.00	PERIOD	ALL	00043848
463797.06000	3772830.12000	8.0863230e-05	373.46	373.46	0.00	PERIOD	ALL	00043848
463800.53000	3772838.45000	8.0654390e-05	373.74	373.74	0.00	PERIOD	ALL	00043848
463807.48000	3772855.12000	8.0208380e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
463810.95000	3772863.45000	7.9976110e-05	374.00	374.00	0.00	PERIOD	ALL	00043848
463838.72000	3772930.12000	7.8181880e-05	374.80	374.80	0.00	PERIOD	ALL	00043848
463842.19000	3772938.46000	7.7968720e-05	375.07	375.07	0.00	PERIOD	ALL	00043848
463849.14000	3772955.12000	7.7544050e-05	375.63	375.63	0.00	PERIOD	ALL	00043848
463852.61000	3772963.46000	7.7330980e-05	375.90	375.90	0.00	PERIOD	ALL	00043848
463859.55000	3772980.12000	7.6873290e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
463863.02000	3772988.46000	7.6642060e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
463869.97000	3773005.12000	7.6204230e-05	376.29	376.29	0.00	PERIOD	ALL	00043848
463873.44000	3773013.46000	7.6000730e-05	376.57	376.57	0.00	PERIOD	ALL	00043848
463880.38000	3773030.13000	7.5576380e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
463887.33000	3773046.79000	7.5111010e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
463890.80000	3773055.13000	7.4881010e-05	377.00	377.00	0.00	PERIOD	ALL	00043848
463897.74000	3773071.79000	7.4471850e-05	377.48	377.48	0.00	PERIOD	ALL	00043848
463901.21000	3773080.13000	7.4274960e-05	377.80	377.80	0.00	PERIOD	ALL	00043848
463908.16000	3773096.79000	7.3836020e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463911.63000	3773105.13000	7.3610750e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463918.57000	3773121.79000	7.3165200e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463922.04000	3773130.13000	7.2945730e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463208.30000	3772271.55000	7.6452770e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
463216.69000	3772275.01000	7.9044990e-05	367.00	367.00	0.00	PERIOD	ALL	00043848
463225.07000	3772278.46000	8.1875330e-05	367.07	367.07	0.00	PERIOD	ALL	00043848
463233.46000	3772281.91000	8.4982910e-05	367.19	367.19	0.00	PERIOD	ALL	00043848
463250.24000	3772288.82000	9.2182040e-05	367.42	367.42	0.00	PERIOD	ALL	00043848
463258.63000	3772292.28000	9.6378960e-05	367.53	367.53	0.00	PERIOD	ALL	00043848
463267.02000	3772295.73000	1.0105800e-04	367.65	367.65	0.00	PERIOD	ALL	00043848
463275.40000	3772299.18000	1.0630810e-04	367.62	367.62	0.00	PERIOD	ALL	00043848
463283.79000	3772302.64000	1.1225380e-04	367.46	367.46	0.00	PERIOD	ALL	00043848
463292.18000	3772306.09000	1.1901110e-04	367.25	367.25	0.00	PERIOD	ALL	00043848
463300.57000	3772309.55000	1.2675960e-04	367.11	367.11	0.00	PERIOD	ALL	00043848
463308.96000	3772313.00000	1.3571380e-04	367.22	367.22	0.00	PERIOD	ALL	00043848

463317.34000	3772316.45000	1.4614940e-04	367.34	367.34	0.00	PERIOD	ALL	00043848
463325.73000	3772319.91000	1.5848360e-04	367.45	367.45	0.00	PERIOD	ALL	00043848
463334.12000	3772323.36000	1.7323140e-04	367.57	367.57	0.00	PERIOD	ALL	00043848
463342.51000	3772326.82000	1.9117830e-04	367.68	367.68	0.00	PERIOD	ALL	00043848
463350.90000	3772330.27000	2.1348550e-04	367.80	367.80	0.00	PERIOD	ALL	00043848
463359.28000	3772333.73000	2.4197040e-04	367.91	367.91	0.00	PERIOD	ALL	00043848
463367.67000	3772337.18000	2.8010640e-04	367.74	367.74	0.00	PERIOD	ALL	00043848
463376.06000	3772340.63000	3.3316560e-04	367.53	367.53	0.00	PERIOD	ALL	00043848
463392.84000	3772347.54000	5.4408580e-04	367.37	367.37	0.00	PERIOD	ALL	00043848
463401.22000	3772351.00000	8.1827930e-04	367.49	367.49	0.00	PERIOD	ALL	00043848
463689.91000	3772476.81000	8.1747300e-05	368.68	368.68	0.00	PERIOD	ALL	00043848
463693.39000	3772485.18000	8.1561720e-05	368.84	368.84	0.00	PERIOD	ALL	00043848
463700.37000	3772501.93000	8.1143170e-05	368.83	368.83	0.00	PERIOD	ALL	00043848
463707.35000	3772518.68000	8.0740480e-05	369.03	369.03	0.00	PERIOD	ALL	00043848
463714.33000	3772535.43000	8.0323600e-05	369.11	369.11	0.00	PERIOD	ALL	00043848
463721.30000	3772552.17000	7.9909160e-05	369.19	369.19	0.00	PERIOD	ALL	00043848
463728.28000	3772568.92000	7.9539900e-05	369.75	369.75	0.00	PERIOD	ALL	00043848
463735.26000	3772585.67000	7.9145440e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463742.23000	3772602.42000	7.8737280e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463749.21000	3772619.16000	7.8332760e-05	370.01	370.01	0.00	PERIOD	ALL	00043848
463756.19000	3772635.91000	7.7933150e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463763.17000	3772652.66000	7.7588220e-05	370.54	370.54	0.00	PERIOD	ALL	00043848
463770.14000	3772669.41000	7.7244010e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463777.12000	3772686.15000	7.6860910e-05	371.00	371.00	0.00	PERIOD	ALL	00043848
463784.10000	3772702.90000	7.6515630e-05	371.33	371.33	0.00	PERIOD	ALL	00043848
463791.07000	3772719.65000	7.6194930e-05	371.86	371.86	0.00	PERIOD	ALL	00043848
463798.05000	3772736.40000	7.5834890e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463805.03000	3772753.15000	7.5463950e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463812.00000	3772769.89000	7.5142470e-05	372.45	372.45	0.00	PERIOD	ALL	00043848
463818.98000	3772786.64000	7.4827050e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
463825.96000	3772803.39000	7.4454660e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
463832.94000	3772820.14000	7.4095450e-05	373.13	373.13	0.00	PERIOD	ALL	00043848
463839.91000	3772836.88000	7.3780080e-05	373.68	373.68	0.00	PERIOD	ALL	00043848
463846.89000	3772853.63000	7.3414690e-05	373.82	373.82	0.00	PERIOD	ALL	00043848
463853.87000	3772870.38000	7.3041380e-05	373.91	373.91	0.00	PERIOD	ALL	00043848
463885.26000	3772945.74000	7.1406140e-05	375.31	375.31	0.00	PERIOD	ALL	00043848
463892.24000	3772962.49000	7.1056910e-05	375.87	375.87	0.00	PERIOD	ALL	00043848
463899.22000	3772979.24000	7.0665450e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
463906.19000	3772995.99000	7.0263980e-05	376.00	376.00	0.00	PERIOD	ALL	00043848
463913.17000	3773012.73000	6.9926570e-05	376.55	376.55	0.00	PERIOD	ALL	00043848
463920.15000	3773029.48000	6.9582770e-05	377.07	377.07	0.00	PERIOD	ALL	00043848
463927.13000	3773046.23000	6.9252490e-05	377.61	377.61	0.00	PERIOD	ALL	00043848
463934.10000	3773062.98000	6.8895050e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463941.08000	3773079.72000	6.8482240e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463948.06000	3773096.47000	6.8075920e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463955.03000	3773113.22000	6.7677440e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463962.01000	3773129.97000	6.7337620e-05	378.42	378.42	0.00	PERIOD	ALL	00043848
463290.00000	3772265.23000	1.0717320e-04	367.00	367.00	0.00	PERIOD	ALL	00043848
463298.33000	3772268.66000	1.1403630e-04	367.00	367.00	0.00	PERIOD	ALL	00043848
463314.98000	3772275.51000	1.3137360e-04	366.99	366.99	0.00	PERIOD	ALL	00043848
463323.30000	3772278.94000	1.4248800e-04	367.00	367.00	0.00	PERIOD	ALL	00043848
463339.96000	3772285.80000	1.7225010e-04	367.00	367.00	0.00	PERIOD	ALL	00043848
463348.28000	3772289.23000	1.9261620e-04	367.00	367.00	0.00	PERIOD	ALL	00043848
463356.61000	3772292.66000	2.1862020e-04	367.00	367.00	0.00	PERIOD	ALL	00043848
463373.26000	3772299.52000	2.9973290e-04	366.90	366.90	0.00	PERIOD	ALL	00043848
463381.59000	3772302.94000	3.6779850e-04	366.92	366.92	0.00	PERIOD	ALL	00043848
463398.24000	3772309.80000	6.8158730e-04	367.00	367.00	0.00	PERIOD	ALL	00043848
463406.57000	3772313.23000	1.0026560e-03	367.00	367.00	0.00	PERIOD	ALL	00043848
463731.96000	3772481.65000	7.2571250e-05	368.00	368.00	0.00	PERIOD	ALL	00043848
463738.88000	3772498.28000	7.2452670e-05	368.40	368.40	0.00	PERIOD	ALL	00043848
463745.81000	3772514.90000	7.2322800e-05	368.95	368.95	0.00	PERIOD	ALL	00043848
463752.74000	3772531.53000	7.2127440e-05	368.95	368.95	0.00	PERIOD	ALL	00043848
463759.66000	3772548.15000	7.1929110e-05	369.06	369.06	0.00	PERIOD	ALL	00043848
463766.59000	3772564.78000	7.1753890e-05	369.61	369.61	0.00	PERIOD	ALL	00043848
463773.51000	3772581.40000	7.1556420e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463780.44000	3772598.03000	7.1320850e-05	369.99	369.99	0.00	PERIOD	ALL	00043848
463787.36000	3772614.65000	7.1082020e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463794.29000	3772631.27000	7.0835950e-05	370.00	370.00	0.00	PERIOD	ALL	00043848
463801.22000	3772647.90000	7.0617550e-05	370.39	370.39	0.00	PERIOD	ALL	00043848
463808.14000	3772664.52000	7.0412910e-05	370.94	370.94	0.00	PERIOD	ALL	00043848
463815.07000	3772681.15000	7.0215770e-05	371.49	371.49	0.00	PERIOD	ALL	00043848
463821.99000	3772697.77000	7.0012180e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463828.92000	3772714.40000	6.9743320e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463835.84000	3772731.02000	6.9472780e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463842.77000	3772747.65000	6.9198020e-05	372.00	372.00	0.00	PERIOD	ALL	00043848
463849.70000	3772764.27000	6.8949220e-05	372.26	372.26	0.00	PERIOD	ALL	00043848
463856.62000	3772780.90000	6.8731110e-05	372.82	372.82	0.00	PERIOD	ALL	00043848
463863.55000	3772797.52000	6.8458790e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
463870.47000	3772814.14000	6.8163390e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
463877.40000	3772830.77000	6.7862710e-05	373.00	373.00	0.00	PERIOD	ALL	00043848
463884.32000	3772847.39000	6.7562830e-05	373.04	373.04	0.00	PERIOD	ALL	00043848
463891.25000	3772864.02000	6.7313000e-05	373.59	373.59	0.00	PERIOD	ALL	00043848

463925.88000	3772947.14000	6.5847070e-05	375.36	375.36	0.00	PERIOD	ALL	00043848
463932.80000	3772963.76000	6.5553160e-05	375.82	375.82	0.00	PERIOD	ALL	00043848
463939.73000	3772980.39000	6.5204500e-05	375.82	375.82	0.00	PERIOD	ALL	00043848
463946.66000	3772997.01000	6.4874900e-05	376.02	376.02	0.00	PERIOD	ALL	00043848
463953.58000	3773013.64000	6.4606600e-05	376.58	376.58	0.00	PERIOD	ALL	00043848
463960.51000	3773030.26000	6.4331610e-05	377.13	377.13	0.00	PERIOD	ALL	00043848
463967.43000	3773046.89000	6.4069360e-05	377.69	377.69	0.00	PERIOD	ALL	00043848
463974.36000	3773063.51000	6.3754590e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463981.29000	3773080.14000	6.3389540e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463988.21000	3773096.76000	6.3030450e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
463995.14000	3773113.38000	6.2675590e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
464002.06000	3773130.01000	6.2327710e-05	378.00	378.00	0.00	PERIOD	ALL	00043848
462198.67000	3773225.11000	3.8889580e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462198.76000	3773235.06000	3.8874810e-05	385.00	385.00	0.00	PERIOD	ALL	00043848
462198.85000	3773245.02000	3.8799120e-05	385.29	385.29	0.00	PERIOD	ALL	00043848
462158.67000	3773225.47000	3.6211440e-05	385.64	385.64	0.00	PERIOD	ALL	00043848
462158.76000	3773235.43000	3.6146260e-05	385.97	385.97	0.00	PERIOD	ALL	00043848
462158.85000	3773245.38000	3.6123110e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462900.61000	3773280.86000	5.2138780e-04	383.48	383.48	0.00	PERIOD	ALL	00043848
462900.61000	3773290.86000	4.8885280e-04	383.82	383.82	0.00	PERIOD	ALL	00043848
462892.16000	3773287.38000	4.6570230e-04	383.70	383.70	0.00	PERIOD	ALL	00043848
462883.12000	3773282.50000	4.4425220e-04	383.54	383.54	0.00	PERIOD	ALL	00043848
462900.61000	3773300.86000	4.5842440e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462892.16000	3773297.38000	4.3864090e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462883.72000	3773293.91000	4.1936220e-04	383.92	383.92	0.00	PERIOD	ALL	00043848
462875.49000	3773288.21000	4.0554210e-04	383.77	383.77	0.00	PERIOD	ALL	00043848
462871.94000	3773279.79000	4.1087090e-04	383.59	383.59	0.00	PERIOD	ALL	00043848
462909.06000	3773314.33000	4.4686440e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462900.61000	3773310.86000	4.3044450e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462892.16000	3773307.38000	4.1378940e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462883.72000	3773303.91000	3.9708870e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462875.27000	3773300.43000	3.8043560e-04	384.02	384.02	0.00	PERIOD	ALL	00043848
462867.86000	3773293.91000	3.7228590e-04	383.95	383.95	0.00	PERIOD	ALL	00043848
462864.31000	3773285.49000	3.7689950e-04	383.82	383.82	0.00	PERIOD	ALL	00043848
462909.06000	3773324.33000	4.1792600e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462900.61000	3773320.86000	4.0432410e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462892.16000	3773317.38000	3.9033130e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462883.72000	3773313.91000	3.7611640e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462875.27000	3773310.43000	3.6160960e-04	384.07	384.07	0.00	PERIOD	ALL	00043848
462866.82000	3773306.95000	3.4717390e-04	384.15	384.15	0.00	PERIOD	ALL	00043848
462860.23000	3773299.61000	3.4338960e-04	384.07	384.07	0.00	PERIOD	ALL	00043848
462856.09000	3773289.79000	3.4809670e-04	383.95	383.95	0.00	PERIOD	ALL	00043848
462908.83000	3773334.24000	3.9014510e-04	384.26	384.26	0.00	PERIOD	ALL	00043848
462900.19000	3773330.69000	3.7899560e-04	384.15	384.15	0.00	PERIOD	ALL	00043848
462891.56000	3773327.13000	3.6738970e-04	384.03	384.03	0.00	PERIOD	ALL	00043848
462882.92000	3773323.58000	3.5509150e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
462874.28000	3773320.02000	3.4211430e-04	384.14	384.14	0.00	PERIOD	ALL	00043848
462865.64000	3773316.47000	3.2903290e-04	384.31	384.31	0.00	PERIOD	ALL	00043848
462857.00000	3773312.91000	3.1624750e-04	384.42	384.42	0.00	PERIOD	ALL	00043848
462908.85000	3773344.25000	3.6494790e-04	384.60	384.60	0.00	PERIOD	ALL	00043848
462900.24000	3773340.70000	3.5582240e-04	384.48	384.48	0.00	PERIOD	ALL	00043848
462891.62000	3773337.16000	3.4609220e-04	384.36	384.36	0.00	PERIOD	ALL	00043848
462883.00000	3773333.61000	3.3596110e-04	384.24	384.24	0.00	PERIOD	ALL	00043848
462874.38000	3773330.06000	3.2510280e-04	384.28	384.28	0.00	PERIOD	ALL	00043848
462865.76000	3773326.52000	3.1370530e-04	384.47	384.47	0.00	PERIOD	ALL	00043848
462857.14000	3773322.97000	3.0231130e-04	384.67	384.67	0.00	PERIOD	ALL	00043848
462908.89000	3773364.27000	3.2191050e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462900.30000	3773360.73000	3.1535290e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462891.71000	3773357.20000	3.0824510e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462883.12000	3773353.66000	3.0091440e-04	384.91	384.91	0.00	PERIOD	ALL	00043848
462874.53000	3773350.13000	2.9319520e-04	384.83	384.83	0.00	PERIOD	ALL	00043848
462865.94000	3773346.59000	2.8508010e-04	384.82	384.82	0.00	PERIOD	ALL	00043848
462857.35000	3773343.06000	2.7661740e-04	384.89	384.89	0.00	PERIOD	ALL	00043848
462908.91000	3773384.28000	2.8700570e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462900.34000	3773380.75000	2.8236630e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462891.78000	3773377.22000	2.7727500e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462883.21000	3773373.70000	2.7175310e-04	385.00	385.00	0.00	PERIOD	ALL	00043848
462874.64000	3773370.17000	2.6575550e-04	385.08	385.08	0.00	PERIOD	ALL	00043848
462866.07000	3773366.64000	2.5948430e-04	385.16	385.16	0.00	PERIOD	ALL	00043848
462857.50000	3773363.12000	2.5310860e-04	385.17	385.17	0.00	PERIOD	ALL	00043848
462883.27000	3773393.72000	2.4629450e-04	385.25	385.25	0.00	PERIOD	ALL	00043848
462874.72000	3773390.20000	2.4186830e-04	385.27	385.27	0.00	PERIOD	ALL	00043848
462866.16000	3773386.68000	2.3691010e-04	385.46	385.46	0.00	PERIOD	ALL	00043848
462857.61000	3773383.16000	2.3174200e-04	385.66	385.66	0.00	PERIOD	ALL	00043848
462874.28000	3773410.02000	2.2040130e-04	385.83	385.83	0.00	PERIOD	ALL	00043848
462865.64000	3773406.47000	2.1676170e-04	385.82	385.82	0.00	PERIOD	ALL	00043848
462857.00000	3773402.91000	2.1282330e-04	385.89	385.89	0.00	PERIOD	ALL	00043848
462865.76000	3773426.52000	1.9925840e-04	386.34	386.34	0.00	PERIOD	ALL	00043848
462857.14000	3773422.97000	1.9635170e-04	386.22	386.22	0.00	PERIOD	ALL	00043848
462900.27000	3773460.72000	1.9195770e-04	386.64	386.64	0.00	PERIOD	ALL	00043848
462891.67000	3773457.18000	1.9000300e-04	386.74	386.74	0.00	PERIOD	ALL	00043848
462883.06000	3773453.64000	1.8543980e-04	386.91	386.91	0.00	PERIOD	ALL	00043848

462874.46000	3773450.10000	1.8311480e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462865.86000	3773446.56000	1.8085200e-04	387.00	387.00	0.00	PERIOD	ALL	00043848
462857.26000	3773443.02000	1.7870880e-04	386.89	386.89	0.00	PERIOD	ALL	00043848
462392.86000	3773286.31000	5.6479910e-05	385.67	385.67	0.00	PERIOD	ALL	00043848
462394.91000	3773362.47000	5.4011340e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462391.28000	3773353.88000	5.3857920e-05	386.92	386.92	0.00	PERIOD	ALL	00043848
462387.65000	3773345.28000	5.4396320e-05	386.63	386.63	0.00	PERIOD	ALL	00043848
462384.02000	3773336.69000	5.4282790e-05	386.35	386.35	0.00	PERIOD	ALL	00043848
462380.39000	3773328.09000	5.4108100e-05	386.06	386.06	0.00	PERIOD	ALL	00043848
462376.76000	3773319.50000	5.3865020e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462373.13000	3773310.90000	5.3597140e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462369.50000	3773302.31000	5.3319340e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462365.87000	3773293.71000	5.3053670e-05	385.91	385.91	0.00	PERIOD	ALL	00043848
462362.24000	3773285.12000	5.2824260e-05	385.63	385.63	0.00	PERIOD	ALL	00043848
462396.55000	3773437.67000	5.1105030e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462392.91000	3773429.05000	5.1000730e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462389.27000	3773420.44000	5.0885530e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462385.63000	3773411.82000	5.0898510e-05	387.85	387.85	0.00	PERIOD	ALL	00043848
462381.99000	3773403.21000	5.1015640e-05	387.56	387.56	0.00	PERIOD	ALL	00043848
462378.36000	3773394.59000	5.1110530e-05	387.28	387.28	0.00	PERIOD	ALL	00043848
462374.72000	3773385.98000	5.1175090e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462371.08000	3773377.36000	5.1004840e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462367.44000	3773368.75000	5.0824500e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462363.80000	3773360.13000	5.0634790e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462360.17000	3773351.51000	5.0535500e-05	386.84	386.84	0.00	PERIOD	ALL	00043848
462356.53000	3773342.90000	5.1013790e-05	386.55	386.55	0.00	PERIOD	ALL	00043848
462352.89000	3773334.28000	5.0884560e-05	386.26	386.26	0.00	PERIOD	ALL	00043848
462349.25000	3773325.67000	5.0711010e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462345.61000	3773317.05000	5.0468250e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462341.98000	3773308.44000	5.0217970e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462338.34000	3773299.82000	4.9958650e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462334.70000	3773291.21000	4.9722450e-05	385.86	385.86	0.00	PERIOD	ALL	00043848
462331.06000	3773282.59000	4.9489720e-05	385.67	385.67	0.00	PERIOD	ALL	00043848
462366.12000	3773460.70000	4.6943030e-05	388.48	388.48	0.00	PERIOD	ALL	00043848
462362.49000	3773452.10000	4.7178200e-05	388.19	388.19	0.00	PERIOD	ALL	00043848
462358.85000	3773443.49000	4.7276440e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462355.22000	3773434.89000	4.7175370e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462351.59000	3773426.29000	4.7065860e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462347.96000	3773417.69000	4.6947940e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462344.32000	3773409.08000	4.7018770e-05	387.76	387.76	0.00	PERIOD	ALL	00043848
462340.69000	3773400.48000	4.7111690e-05	387.47	387.47	0.00	PERIOD	ALL	00043848
462337.06000	3773391.88000	4.7192100e-05	387.18	387.18	0.00	PERIOD	ALL	00043848
462333.42000	3773383.28000	4.7163300e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462329.79000	3773374.67000	4.7000370e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462326.16000	3773366.07000	4.6829430e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462322.53000	3773357.47000	4.6650780e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462318.89000	3773348.87000	4.7081650e-05	386.75	386.75	0.00	PERIOD	ALL	00043848
462315.26000	3773340.26000	4.7012920e-05	386.46	386.46	0.00	PERIOD	ALL	00043848
462311.63000	3773331.66000	4.6876530e-05	386.18	386.18	0.00	PERIOD	ALL	00043848
462308.00000	3773323.06000	4.6689790e-05	386.05	386.05	0.00	PERIOD	ALL	00043848
462304.36000	3773314.46000	4.6454890e-05	386.11	386.11	0.00	PERIOD	ALL	00043848
462300.73000	3773305.85000	4.6231120e-05	386.09	386.09	0.00	PERIOD	ALL	00043848
462297.10000	3773297.25000	4.6013320e-05	386.01	386.01	0.00	PERIOD	ALL	00043848
462293.47000	3773288.65000	4.5774610e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462289.83000	3773280.05000	4.5526950e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462323.84000	3773455.67000	4.3673520e-05	388.31	388.31	0.00	PERIOD	ALL	00043848
462320.20000	3773447.05000	4.3860200e-05	388.02	388.02	0.00	PERIOD	ALL	00043848
462316.56000	3773438.44000	4.3778650e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462312.93000	3773429.82000	4.3673400e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462309.29000	3773421.20000	4.3560210e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462305.65000	3773412.58000	4.3525090e-05	387.89	387.89	0.00	PERIOD	ALL	00043848
462302.01000	3773403.97000	4.3544650e-05	387.69	387.69	0.00	PERIOD	ALL	00043848
462298.37000	3773395.35000	4.3502580e-05	387.56	387.56	0.00	PERIOD	ALL	00043848
462294.73000	3773386.73000	4.3403420e-05	387.50	387.50	0.00	PERIOD	ALL	00043848
462291.09000	3773378.12000	4.3289870e-05	387.45	387.45	0.00	PERIOD	ALL	00043848
462287.45000	3773369.50000	4.3225680e-05	387.32	387.32	0.00	PERIOD	ALL	00043848
462283.82000	3773360.88000	4.3193720e-05	387.13	387.13	0.00	PERIOD	ALL	00043848
462280.18000	3773352.27000	4.3104480e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462276.54000	3773343.65000	4.2928830e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462272.90000	3773335.03000	4.2747440e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462269.26000	3773326.41000	4.2560480e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462265.62000	3773317.80000	4.2924390e-05	386.72	386.72	0.00	PERIOD	ALL	00043848
462261.98000	3773309.18000	4.2832380e-05	386.43	386.43	0.00	PERIOD	ALL	00043848
462258.34000	3773300.56000	4.2684550e-05	386.14	386.14	0.00	PERIOD	ALL	00043848
462254.71000	3773291.95000	4.2496930e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462251.07000	3773283.33000	4.2276790e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462286.15000	3773461.50000	4.0519840e-05	388.51	388.51	0.00	PERIOD	ALL	00043848
462282.52000	3773452.90000	4.0700250e-05	388.22	388.22	0.00	PERIOD	ALL	00043848
462278.88000	3773444.29000	4.0777760e-05	388.02	388.02	0.00	PERIOD	ALL	00043848
462275.25000	3773435.69000	4.0620930e-05	388.09	388.09	0.00	PERIOD	ALL	00043848
462271.62000	3773427.08000	4.0507950e-05	388.10	388.10	0.00	PERIOD	ALL	00043848
462267.98000	3773418.48000	4.0453570e-05	388.03	388.03	0.00	PERIOD	ALL	00043848

462264.35000	3773409.87000	4.0361360e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462260.72000	3773401.27000	4.0239350e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462257.08000	3773392.66000	4.0111450e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462253.45000	3773384.05000	4.0034700e-05	387.92	387.92	0.00	PERIOD	ALL	00043848
462249.81000	3773375.45000	4.0080290e-05	387.64	387.64	0.00	PERIOD	ALL	00043848
462246.18000	3773366.84000	4.0120620e-05	387.35	387.35	0.00	PERIOD	ALL	00043848
462242.55000	3773358.24000	4.0147510e-05	387.06	387.06	0.00	PERIOD	ALL	00043848
462238.91000	3773349.63000	4.0022330e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462235.28000	3773341.03000	3.9859990e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462231.64000	3773332.42000	3.9692440e-05	387.00	387.00	0.00	PERIOD	ALL	00043848
462243.86000	3773456.43000	3.7396710e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462240.22000	3773447.81000	3.7310640e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462236.58000	3773439.20000	3.7400910e-05	388.76	388.76	0.00	PERIOD	ALL	00043848
462232.94000	3773430.58000	3.7533770e-05	388.47	388.47	0.00	PERIOD	ALL	00043848
462229.30000	3773421.96000	3.7664300e-05	388.19	388.19	0.00	PERIOD	ALL	00043848
462185.63000	3773318.54000	3.7233830e-05	386.74	386.74	0.00	PERIOD	ALL	00043848
462181.99000	3773309.92000	3.7163350e-05	386.45	386.45	0.00	PERIOD	ALL	00043848
462178.35000	3773301.30000	3.7045000e-05	386.17	386.17	0.00	PERIOD	ALL	00043848
462174.71000	3773292.68000	3.6897540e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462171.07000	3773284.06000	3.6718400e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462167.43000	3773275.45000	3.6535980e-05	386.00	386.00	0.00	PERIOD	ALL	00043848
462144.39000	3773315.96000	3.4547790e-05	386.83	386.83	0.00	PERIOD	ALL	00043848
462140.75000	3773307.35000	3.4632100e-05	386.77	386.77	0.00	PERIOD	ALL	00043848
462137.12000	3773298.74000	3.4476300e-05	386.77	386.77	0.00	PERIOD	ALL	00043848
462133.48000	3773290.13000	3.4344620e-05	386.69	386.69	0.00	PERIOD	ALL	00043848
462129.85000	3773281.53000	3.4240960e-05	386.50	386.50	0.00	PERIOD	ALL	00043848
462917.47000	3774087.80000	4.6121030e-05	396.38	396.38	0.00	PERIOD	ALL	00043848
462908.82000	3774084.24000	4.5792670e-05	396.28	396.28	0.00	PERIOD	ALL	00043848
462900.16000	3774080.67000	4.5202860e-05	396.42	396.42	0.00	PERIOD	ALL	00043848
462917.47000	3774127.80000	4.3255370e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462908.83000	3774124.24000	4.2848770e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462900.18000	3774120.68000	4.2452720e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462891.54000	3774117.13000	4.2067640e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462882.90000	3774113.57000	4.1693550e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462874.26000	3774110.01000	4.1308470e-05	397.02	397.02	0.00	PERIOD	ALL	00043848
462865.61000	3774106.46000	4.0973940e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462856.97000	3774102.90000	4.0629020e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462848.33000	3774099.34000	4.0293070e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462839.68000	3774095.79000	3.9964400e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462831.04000	3774092.23000	3.9644970e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462822.40000	3774088.67000	3.9333310e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462908.81000	3774164.24000	3.9863780e-05	397.93	397.93	0.00	PERIOD	ALL	00043848
462900.16000	3774160.67000	3.9620390e-05	397.81	397.81	0.00	PERIOD	ALL	00043848
462891.51000	3774157.11000	3.9385430e-05	397.69	397.69	0.00	PERIOD	ALL	00043848
462882.85000	3774153.55000	3.9159050e-05	397.57	397.57	0.00	PERIOD	ALL	00043848
462874.20000	3774149.99000	3.8845420e-05	397.55	397.55	0.00	PERIOD	ALL	00043848
462865.55000	3774146.43000	3.8424850e-05	397.65	397.65	0.00	PERIOD	ALL	00043848
462856.89000	3774142.87000	3.7956530e-05	397.81	397.81	0.00	PERIOD	ALL	00043848
462848.24000	3774139.31000	3.7470000e-05	398.00	398.00	0.00	PERIOD	ALL	00043848
462839.59000	3774135.75000	3.7189940e-05	397.98	397.98	0.00	PERIOD	ALL	00043848
462830.93000	3774132.18000	3.7010500e-05	397.86	397.86	0.00	PERIOD	ALL	00043848
462822.28000	3774128.62000	3.6836920e-05	397.74	397.74	0.00	PERIOD	ALL	00043848
462929.80000	3774088.39000	4.7011030e-05	396.40	396.40	0.00	PERIOD	ALL	00043848
462939.13000	3774088.39000	4.7755900e-05	396.40	396.40	0.00	PERIOD	ALL	00043848
462948.45000	3774088.39000	4.8666480e-05	396.28	396.28	0.00	PERIOD	ALL	00043848
462957.78000	3774088.39000	4.9608460e-05	396.16	396.16	0.00	PERIOD	ALL	00043848
462967.11000	3774088.39000	5.0593570e-05	396.03	396.03	0.00	PERIOD	ALL	00043848
462976.44000	3774088.39000	5.1493710e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462985.76000	3774088.39000	5.2391310e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462995.09000	3774088.39000	5.3326600e-05	396.00	396.00	0.00	PERIOD	ALL	00043848
462929.80000	3774128.39000	4.4102390e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462939.13000	3774128.39000	4.4794070e-05	397.00	397.00	0.00	PERIOD	ALL	00043848
462948.45000	3774128.39000	4.5595410e-05	396.92	396.92	0.00	PERIOD	ALL	00043848
462957.78000	3774128.39000	4.6424560e-05	396.84	396.84	0.00	PERIOD	ALL	00043848
462967.11000	3774128.39000	4.7281920e-05	396.76	396.76	0.00	PERIOD	ALL	00043848
462976.44000	3774128.39000	4.8104930e-05	396.74	396.74	0.00	PERIOD	ALL	00043848
462985.76000	3774128.39000	4.8937080e-05	396.74	396.74	0.00	PERIOD	ALL	00043848
462995.09000	3774128.39000	4.9803910e-05	396.74	396.74	0.00	PERIOD	ALL	00043848
463004.42000	3774128.39000	5.0706810e-05	396.74	396.74	0.00	PERIOD	ALL	00043848

*HARP - HRACalc v22118 7/31/2024 8:07:21 PM - Cancer Risk - Input File: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_School_9yr_HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RI	MMILK_RIS	WATER_RIS	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		463443.1	3773285	5.86E-07	9YrCancerF	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		463439.9	3773294	6.73E-07	9YrCancerF	6.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		463436.7	3773303	7.80E-07	9YrCancerF	7.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		463473	3773286	3.18E-07	9YrCancerF	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		463469.8	3773294	3.38E-07	9YrCancerF	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		463466.5	3773303	3.58E-07	9YrCancerF	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		463463.3	3773312	3.79E-07	9YrCancerF	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		463460.1	3773321	4.00E-07	9YrCancerF	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		463456.8	3773329	4.22E-07	9YrCancerF	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		463453.6	3773338	4.48E-07	9YrCancerF	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		463450.4	3773347	4.79E-07	9YrCancerF	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		463447.1	3773355	5.16E-07	9YrCancerF	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		463443.9	3773364	5.64E-07	9YrCancerF	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		463440.6	3773373	6.28E-07	9YrCancerF	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		463437.4	3773382	7.16E-07	9YrCancerF	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		463502.9	3773286	2.27E-07	9YrCancerF	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		463499.6	3773295	2.37E-07	9YrCancerF	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		463496.4	3773303	2.47E-07	9YrCancerF	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		463493.1	3773312	2.57E-07	9YrCancerF	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		463489.9	3773321	2.67E-07	9YrCancerF	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		463486.6	3773330	2.76E-07	9YrCancerF	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		463483.4	3773339	2.85E-07	9YrCancerF	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		463480.1	3773347	2.94E-07	9YrCancerF	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		463476.8	3773356	3.04E-07	9YrCancerF	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		463473.6	3773365	3.14E-07	9YrCancerF	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		463470.3	3773374	3.25E-07	9YrCancerF	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		463467.1	3773383	3.38E-07	9YrCancerF	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		463463.8	3773391	3.53E-07	9YrCancerF	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		463460.6	3773400	3.70E-07	9YrCancerF	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		463457.3	3773409	3.90E-07	9YrCancerF	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		463454	3773418	4.14E-07	9YrCancerF	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		463450.8	3773426	4.44E-07	9YrCancerF	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		463447.5	3773435	4.82E-07	9YrCancerF	4.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		463444.3	3773444	5.30E-07	9YrCancerF	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		463441	3773453	5.94E-07	9YrCancerF	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		463533.2	3773285	1.77E-07	9YrCancerF	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		463530	3773294	1.83E-07	9YrCancerF	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		463526.8	3773302	1.89E-07	9YrCancerF	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		463523.6	3773311	1.95E-07	9YrCancerF	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		463520.4	3773319	2.01E-07	9YrCancerF	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		463517.2	3773328	2.07E-07	9YrCancerF	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		463514	3773337	2.13E-07	9YrCancerF	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		463510.8	3773345	2.18E-07	9YrCancerF	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		463507.6	3773354	2.23E-07	9YrCancerF	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		463504.4	3773363	2.28E-07	9YrCancerF	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		463501.2	3773371	2.33E-07	9YrCancerF	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

47	ALL	463498	3773380	2.38E-07	9YrCancerF	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL	463494.8	3773388	2.44E-07	9YrCancerF	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL	463491.7	3773397	2.49E-07	9YrCancerF	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL	463488.5	3773406	2.55E-07	9YrCancerF	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	463485.3	3773414	2.62E-07	9YrCancerF	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	463482.1	3773423	2.69E-07	9YrCancerF	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	463478.9	3773432	2.77E-07	9YrCancerF	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	463475.7	3773440	2.86E-07	9YrCancerF	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	463472.5	3773449	2.96E-07	9YrCancerF	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	463563.1	3773285	1.46E-07	9YrCancerF	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	463559.9	3773294	1.50E-07	9YrCancerF	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	463556.7	3773303	1.54E-07	9YrCancerF	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	463553.4	3773311	1.59E-07	9YrCancerF	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	463550.2	3773320	1.63E-07	9YrCancerF	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	463547	3773329	1.67E-07	9YrCancerF	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	463543.8	3773337	1.71E-07	9YrCancerF	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	463540.6	3773346	1.75E-07	9YrCancerF	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	463537.4	3773355	1.79E-07	9YrCancerF	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	463534.1	3773363	1.82E-07	9YrCancerF	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	463530.9	3773372	1.85E-07	9YrCancerF	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	463527.7	3773381	1.89E-07	9YrCancerF	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	463524.5	3773389	1.92E-07	9YrCancerF	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	463521.3	3773398	1.95E-07	9YrCancerF	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	463518.1	3773407	1.98E-07	9YrCancerF	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	463514.8	3773415	2.01E-07	9YrCancerF	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	463511.6	3773424	2.05E-07	9YrCancerF	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	463508.4	3773433	2.08E-07	9YrCancerF	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	463505.2	3773441	2.12E-07	9YrCancerF	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	463502	3773450	2.16E-07	9YrCancerF	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	463593	3773285	1.24E-07	9YrCancerF	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	463589.8	3773294	1.27E-07	9YrCancerF	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	463586.5	3773303	1.30E-07	9YrCancerF	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	463583.3	3773312	1.33E-07	9YrCancerF	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	463580.1	3773320	1.37E-07	9YrCancerF	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	463576.8	3773329	1.40E-07	9YrCancerF	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	463573.6	3773338	1.43E-07	9YrCancerF	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	463570.4	3773346	1.46E-07	9YrCancerF	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	463567.1	3773355	1.49E-07	9YrCancerF	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	463563.9	3773364	1.51E-07	9YrCancerF	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	463560.6	3773373	1.54E-07	9YrCancerF	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	463557.4	3773381	1.56E-07	9YrCancerF	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	463554.2	3773390	1.59E-07	9YrCancerF	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	463550.9	3773399	1.61E-07	9YrCancerF	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	463547.7	3773408	1.63E-07	9YrCancerF	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	463544.5	3773416	1.65E-07	9YrCancerF	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	463541.2	3773425	1.67E-07	9YrCancerF	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	463538	3773434	1.69E-07	9YrCancerF	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	463534.8	3773443	1.71E-07	9YrCancerF	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

95	ALL	463531.5	3773451	1.74E-07	9YrCancerF	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	463633	3773285	1.02E-07	9YrCancerF	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	463629.8	3773294	1.05E-07	9YrCancerF	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	463626.5	3773303	1.07E-07	9YrCancerF	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	463623.3	3773311	1.09E-07	9YrCancerF	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	463620.1	3773320	1.12E-07	9YrCancerF	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	463616.8	3773329	1.14E-07	9YrCancerF	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	463613.6	3773338	1.16E-07	9YrCancerF	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	463610.4	3773346	1.19E-07	9YrCancerF	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	463607.1	3773355	1.21E-07	9YrCancerF	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	463603.9	3773364	1.23E-07	9YrCancerF	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	463600.6	3773373	1.25E-07	9YrCancerF	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	463597.4	3773381	1.27E-07	9YrCancerF	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	463594.2	3773390	1.28E-07	9YrCancerF	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	463590.9	3773399	1.30E-07	9YrCancerF	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	463587.7	3773408	1.32E-07	9YrCancerF	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	463584.5	3773416	1.33E-07	9YrCancerF	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	463581.2	3773425	1.35E-07	9YrCancerF	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	463578	3773434	1.36E-07	9YrCancerF	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	463574.8	3773442	1.37E-07	9YrCancerF	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	463673	3773285	8.73E-08	9YrCancerF	8.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	463669.8	3773294	8.90E-08	9YrCancerF	8.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	463666.5	3773303	9.08E-08	9YrCancerF	9.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	463663.3	3773311	9.25E-08	9YrCancerF	9.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	463660.1	3773320	9.43E-08	9YrCancerF	9.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	463656.8	3773329	9.60E-08	9YrCancerF	9.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	463653.6	3773338	9.77E-08	9YrCancerF	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	463650.4	3773346	9.94E-08	9YrCancerF	9.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	463647.1	3773355	1.01E-07	9YrCancerF	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	463643.9	3773364	1.03E-07	9YrCancerF	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	463640.6	3773373	1.04E-07	9YrCancerF	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	463637.4	3773381	1.06E-07	9YrCancerF	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	463634.2	3773390	1.07E-07	9YrCancerF	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	463630.9	3773399	1.09E-07	9YrCancerF	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	463627.7	3773407	1.10E-07	9YrCancerF	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	463624.5	3773416	1.11E-07	9YrCancerF	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	463621.2	3773425	1.12E-07	9YrCancerF	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	463618	3773434	1.13E-07	9YrCancerF	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	463614.8	3773442	1.14E-07	9YrCancerF	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	463713	3773285	7.57E-08	9YrCancerF	7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	463709.8	3773294	7.71E-08	9YrCancerF	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	463706.5	3773303	7.84E-08	9YrCancerF	7.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	463703.3	3773311	7.98E-08	9YrCancerF	7.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	463700.1	3773320	8.12E-08	9YrCancerF	8.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	463696.8	3773329	8.25E-08	9YrCancerF	8.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	463693.6	3773337	8.39E-08	9YrCancerF	8.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	463690.4	3773346	8.52E-08	9YrCancerF	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	463687.1	3773355	8.65E-08	9YrCancerF	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

143	ALL	463683.9	3773364	8.78E-08	9YrCancerF	8.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	463680.6	3773372	8.91E-08	9YrCancerF	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	463677.4	3773381	9.03E-08	9YrCancerF	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	463674.2	3773390	9.15E-08	9YrCancerF	9.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	463670.9	3773399	9.26E-08	9YrCancerF	9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	463667.7	3773407	9.37E-08	9YrCancerF	9.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	463664.5	3773416	9.47E-08	9YrCancerF	9.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	463661.2	3773425	9.57E-08	9YrCancerF	9.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	463658	3773434	9.66E-08	9YrCancerF	9.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	463654.8	3773442	9.75E-08	9YrCancerF	9.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	463753	3773285	6.67E-08	9YrCancerF	6.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	463749.8	3773294	6.77E-08	9YrCancerF	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	463746.5	3773302	6.88E-08	9YrCancerF	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	463743.3	3773311	6.99E-08	9YrCancerF	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	463740.1	3773320	7.10E-08	9YrCancerF	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	463736.8	3773329	7.21E-08	9YrCancerF	7.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	463733.6	3773337	7.32E-08	9YrCancerF	7.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	463730.4	3773346	7.43E-08	9YrCancerF	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	463727.1	3773355	7.54E-08	9YrCancerF	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	463723.9	3773364	7.64E-08	9YrCancerF	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	463720.6	3773372	7.75E-08	9YrCancerF	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	463717.4	3773381	7.85E-08	9YrCancerF	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	463714.2	3773390	7.95E-08	9YrCancerF	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	463710.9	3773399	8.04E-08	9YrCancerF	8.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	463707.7	3773407	8.13E-08	9YrCancerF	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	463704.5	3773416	8.22E-08	9YrCancerF	8.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	463701.2	3773425	8.30E-08	9YrCancerF	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	463698	3773433	8.38E-08	9YrCancerF	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	463694.8	3773442	8.46E-08	9YrCancerF	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	463691.5	3773451	8.53E-08	9YrCancerF	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	463793	3773285	5.93E-08	9YrCancerF	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	463789.8	3773294	6.02E-08	9YrCancerF	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	463786.5	3773302	6.11E-08	9YrCancerF	6.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	463783.3	3773311	6.20E-08	9YrCancerF	6.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	463780.1	3773320	6.29E-08	9YrCancerF	6.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	463776.8	3773329	6.38E-08	9YrCancerF	6.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	463773.6	3773337	6.47E-08	9YrCancerF	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	463770.4	3773346	6.56E-08	9YrCancerF	6.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	463767.1	3773355	6.65E-08	9YrCancerF	6.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	463763.9	3773364	6.74E-08	9YrCancerF	6.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	463760.6	3773372	6.82E-08	9YrCancerF	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	463757.4	3773381	6.91E-08	9YrCancerF	6.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	463754.2	3773390	6.99E-08	9YrCancerF	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	463750.9	3773398	7.07E-08	9YrCancerF	7.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	463747.7	3773407	7.15E-08	9YrCancerF	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	463744.5	3773416	7.22E-08	9YrCancerF	7.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	463741.2	3773425	7.30E-08	9YrCancerF	7.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	463738	3773433	7.37E-08	9YrCancerF	7.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

191	ALL	463734.8	3773442	7.43E-08	9YrCancerF	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	463731.5	3773451	7.49E-08	9YrCancerF	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	463833	3773285	5.33E-08	9YrCancerF	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	463829.8	3773294	5.40E-08	9YrCancerF	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	463826.5	3773302	5.48E-08	9YrCancerF	5.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	463823.3	3773311	5.55E-08	9YrCancerF	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	463820.1	3773320	5.63E-08	9YrCancerF	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	463816.8	3773329	5.70E-08	9YrCancerF	5.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	463813.6	3773337	5.78E-08	9YrCancerF	5.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	463810.4	3773346	5.85E-08	9YrCancerF	5.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	463807.1	3773355	5.93E-08	9YrCancerF	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	463803.9	3773363	6.00E-08	9YrCancerF	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	463800.6	3773372	6.07E-08	9YrCancerF	6.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	463797.4	3773381	6.15E-08	9YrCancerF	6.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	463794.2	3773390	6.22E-08	9YrCancerF	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	463790.9	3773398	6.29E-08	9YrCancerF	6.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	463787.7	3773407	6.35E-08	9YrCancerF	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	463784.5	3773416	6.42E-08	9YrCancerF	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	463781.2	3773425	6.48E-08	9YrCancerF	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	463778	3773433	6.54E-08	9YrCancerF	6.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	463774.8	3773442	6.60E-08	9YrCancerF	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	463771.5	3773451	6.66E-08	9YrCancerF	6.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	463873	3773285	4.83E-08	9YrCancerF	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	463869.8	3773294	4.89E-08	9YrCancerF	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	463866.5	3773302	4.95E-08	9YrCancerF	4.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	463863.3	3773311	5.01E-08	9YrCancerF	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	463860.1	3773320	5.08E-08	9YrCancerF	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	463856.8	3773328	5.14E-08	9YrCancerF	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	463853.6	3773337	5.20E-08	9YrCancerF	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	463850.4	3773346	5.27E-08	9YrCancerF	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	463847.1	3773355	5.33E-08	9YrCancerF	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	463843.9	3773363	5.39E-08	9YrCancerF	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	463840.6	3773372	5.45E-08	9YrCancerF	5.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	463837.4	3773381	5.52E-08	9YrCancerF	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	463834.2	3773390	5.58E-08	9YrCancerF	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	463830.9	3773398	5.64E-08	9YrCancerF	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	463827.7	3773407	5.70E-08	9YrCancerF	5.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	463824.5	3773416	5.75E-08	9YrCancerF	5.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	463821.2	3773425	5.81E-08	9YrCancerF	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	463818	3773433	5.86E-08	9YrCancerF	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	463814.8	3773442	5.91E-08	9YrCancerF	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	463811.5	3773451	5.96E-08	9YrCancerF	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	463913	3773285	4.40E-08	9YrCancerF	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	463909.8	3773293	4.45E-08	9YrCancerF	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	463906.5	3773302	4.50E-08	9YrCancerF	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	463903.3	3773311	4.56E-08	9YrCancerF	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	463900.1	3773320	4.61E-08	9YrCancerF	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	463896.8	3773328	4.67E-08	9YrCancerF	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

239	ALL	463893.6	3773337	4.72E-08	9YrCancerF	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	463890.4	3773346	4.77E-08	9YrCancerF	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	463887.1	3773355	4.83E-08	9YrCancerF	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	463883.9	3773363	4.88E-08	9YrCancerF	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	463880.6	3773372	4.94E-08	9YrCancerF	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	463877.4	3773381	4.99E-08	9YrCancerF	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	463874.2	3773390	5.04E-08	9YrCancerF	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	463870.9	3773398	5.09E-08	9YrCancerF	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	463867.7	3773407	5.14E-08	9YrCancerF	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	463864.5	3773416	5.19E-08	9YrCancerF	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	463861.2	3773424	5.24E-08	9YrCancerF	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	463858	3773433	5.29E-08	9YrCancerF	5.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	463854.8	3773442	5.34E-08	9YrCancerF	5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	463851.5	3773451	5.38E-08	9YrCancerF	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	463953	3773285	4.03E-08	9YrCancerF	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	463949.8	3773293	4.08E-08	9YrCancerF	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	463946.5	3773302	4.12E-08	9YrCancerF	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	463943.3	3773311	4.17E-08	9YrCancerF	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	463940.1	3773320	4.22E-08	9YrCancerF	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	463936.8	3773328	4.26E-08	9YrCancerF	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	463933.6	3773337	4.31E-08	9YrCancerF	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	463930.4	3773346	4.36E-08	9YrCancerF	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	463927.1	3773354	4.40E-08	9YrCancerF	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	463923.9	3773363	4.45E-08	9YrCancerF	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	463920.6	3773372	4.50E-08	9YrCancerF	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	463917.4	3773381	4.54E-08	9YrCancerF	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	463914.2	3773389	4.59E-08	9YrCancerF	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	463910.9	3773398	4.63E-08	9YrCancerF	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	463907.7	3773407	4.68E-08	9YrCancerF	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	463904.5	3773416	4.72E-08	9YrCancerF	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	463901.2	3773424	4.76E-08	9YrCancerF	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	463898	3773433	4.81E-08	9YrCancerF	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	463894.8	3773442	4.85E-08	9YrCancerF	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	463891.5	3773451	4.89E-08	9YrCancerF	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	463993	3773285	3.71E-08	9YrCancerF	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	463989.8	3773293	3.75E-08	9YrCancerF	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	463986.5	3773302	3.79E-08	9YrCancerF	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	463983.3	3773311	3.83E-08	9YrCancerF	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	463980.1	3773319	3.87E-08	9YrCancerF	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	463976.8	3773328	3.91E-08	9YrCancerF	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	463973.6	3773337	3.95E-08	9YrCancerF	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	463970.4	3773346	4.00E-08	9YrCancerF	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	463967.1	3773354	4.04E-08	9YrCancerF	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	463963.9	3773363	4.08E-08	9YrCancerF	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	463960.6	3773372	4.12E-08	9YrCancerF	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	463957.4	3773381	4.16E-08	9YrCancerF	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	463954.2	3773389	4.20E-08	9YrCancerF	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	463950.9	3773398	4.24E-08	9YrCancerF	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

287	ALL	463947.7	3773407	4.28E-08	9YrCancerF	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	463944.5	3773416	4.32E-08	9YrCancerF	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	463941.2	3773424	4.35E-08	9YrCancerF	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	463938	3773433	4.39E-08	9YrCancerF	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	463934.8	3773442	4.43E-08	9YrCancerF	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	463931.5	3773450	4.46E-08	9YrCancerF	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	462814.1	3773505	6.95E-08	9YrCancerF	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	462805.4	3773502	6.88E-08	9YrCancerF	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	462796.8	3773498	6.80E-08	9YrCancerF	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	462788.2	3773495	6.72E-08	9YrCancerF	6.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	462779.6	3773491	6.63E-08	9YrCancerF	6.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	462771	3773488	6.52E-08	9YrCancerF	6.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	462814.2	3773535	6.26E-08	9YrCancerF	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	462805.6	3773532	6.21E-08	9YrCancerF	6.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	462797	3773528	6.16E-08	9YrCancerF	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	462788.4	3773525	6.10E-08	9YrCancerF	6.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	462779.8	3773521	6.05E-08	9YrCancerF	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	462771.2	3773518	5.99E-08	9YrCancerF	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	462762.6	3773514	5.93E-08	9YrCancerF	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	462754	3773511	5.87E-08	9YrCancerF	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	462745.4	3773507	5.80E-08	9YrCancerF	5.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	462736.8	3773503	5.72E-08	9YrCancerF	5.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	462728.2	3773500	5.64E-08	9YrCancerF	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	462719.6	3773496	5.55E-08	9YrCancerF	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	462711	3773493	5.47E-08	9YrCancerF	5.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	462702.4	3773489	5.38E-08	9YrCancerF	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	462813.8	3773565	5.81E-08	9YrCancerF	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	462805.2	3773562	5.75E-08	9YrCancerF	5.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	462796.5	3773558	5.69E-08	9YrCancerF	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	462787.9	3773554	5.63E-08	9YrCancerF	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	462779.3	3773551	5.57E-08	9YrCancerF	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	462770.6	3773547	5.50E-08	9YrCancerF	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	462762	3773544	5.44E-08	9YrCancerF	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	462753.3	3773540	5.37E-08	9YrCancerF	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	462744.7	3773537	5.31E-08	9YrCancerF	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	462736.1	3773533	5.25E-08	9YrCancerF	5.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	462727.4	3773530	5.19E-08	9YrCancerF	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	462718.8	3773526	5.14E-08	9YrCancerF	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	462710.2	3773522	5.08E-08	9YrCancerF	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	462701.5	3773519	5.03E-08	9YrCancerF	5.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	462692.9	3773515	4.97E-08	9YrCancerF	4.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	462684.2	3773512	4.91E-08	9YrCancerF	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	462675.6	3773508	4.85E-08	9YrCancerF	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	462667	3773505	4.79E-08	9YrCancerF	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	462661.9	3773496	4.80E-08	9YrCancerF	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	462762.3	3773574	5.08E-08	9YrCancerF	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	462753.6	3773570	5.04E-08	9YrCancerF	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	462745	3773567	4.99E-08	9YrCancerF	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

335	ALL	462736.4	3773563	4.93E-08	9YrCancerF	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	462727.8	3773560	4.88E-08	9YrCancerF	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	462719.1	3773556	4.82E-08	9YrCancerF	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	462710.5	3773553	4.76E-08	9YrCancerF	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	462701.9	3773549	4.70E-08	9YrCancerF	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	462693.3	3773546	4.63E-08	9YrCancerF	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	462684.6	3773542	4.57E-08	9YrCancerF	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	462676	3773538	4.51E-08	9YrCancerF	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	462667.4	3773535	4.45E-08	9YrCancerF	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	462658.8	3773531	4.40E-08	9YrCancerF	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	462650.2	3773528	4.35E-08	9YrCancerF	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	462642.6	3773521	4.35E-08	9YrCancerF	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	462639	3773513	4.40E-08	9YrCancerF	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	462635.3	3773504	4.44E-08	9YrCancerF	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	462631.7	3773495	4.46E-08	9YrCancerF	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	462683.9	3773572	4.32E-08	9YrCancerF	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	462675.2	3773568	4.28E-08	9YrCancerF	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	462666.6	3773565	4.23E-08	9YrCancerF	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	462657.9	3773561	4.18E-08	9YrCancerF	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	462649.2	3773557	4.12E-08	9YrCancerF	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	462640.6	3773554	4.07E-08	9YrCancerF	4.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	462631.9	3773550	4.01E-08	9YrCancerF	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	462200.3	3773543	1.77E-08	9YrCancerF	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	462196.6	3773535	1.78E-08	9YrCancerF	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	462193	3773526	1.78E-08	9YrCancerF	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	462189.4	3773518	1.77E-08	9YrCancerF	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	462185.7	3773509	1.77E-08	9YrCancerF	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	462182.1	3773500	1.78E-08	9YrCancerF	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	462178.4	3773492	1.78E-08	9YrCancerF	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	462202.6	3773644	1.61E-08	9YrCancerF	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	462198.9	3773635	1.62E-08	9YrCancerF	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	462195.3	3773627	1.61E-08	9YrCancerF	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	462191.7	3773618	1.62E-08	9YrCancerF	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	462188	3773609	1.63E-08	9YrCancerF	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	462184.4	3773601	1.64E-08	9YrCancerF	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	462180.7	3773592	1.65E-08	9YrCancerF	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	462177.1	3773584	1.65E-08	9YrCancerF	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	462173.5	3773575	1.64E-08	9YrCancerF	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	462169.8	3773566	1.64E-08	9YrCancerF	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	462166.2	3773558	1.65E-08	9YrCancerF	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	462162.6	3773549	1.66E-08	9YrCancerF	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	462158.9	3773541	1.67E-08	9YrCancerF	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	462155.3	3773532	1.67E-08	9YrCancerF	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	462151.7	3773523	1.67E-08	9YrCancerF	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	462148	3773515	1.67E-08	9YrCancerF	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	462144.4	3773506	1.67E-08	9YrCancerF	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	462140.8	3773498	1.67E-08	9YrCancerF	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	462171.3	3773665	1.51E-08	9YrCancerF	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

383	ALL	462167.6	3773656	1.52E-08	9YrCancerF	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	462164	3773648	1.52E-08	9YrCancerF	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	462160.3	3773639	1.52E-08	9YrCancerF	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	462156.7	3773630	1.52E-08	9YrCancerF	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	462153.1	3773622	1.52E-08	9YrCancerF	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	462149.4	3773613	1.53E-08	9YrCancerF	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	462145.8	3773604	1.55E-08	9YrCancerF	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	462142.1	3773596	1.56E-08	9YrCancerF	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	462138.5	3773587	1.55E-08	9YrCancerF	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	462134.9	3773579	1.55E-08	9YrCancerF	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	462131.2	3773570	1.55E-08	9YrCancerF	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	462127.6	3773561	1.56E-08	9YrCancerF	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	462123.9	3773553	1.57E-08	9YrCancerF	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	462120.3	3773544	1.57E-08	9YrCancerF	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	462116.7	3773536	1.58E-08	9YrCancerF	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	462113	3773527	1.58E-08	9YrCancerF	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	462109.4	3773518	1.58E-08	9YrCancerF	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	462105.7	3773510	1.57E-08	9YrCancerF	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	462102.1	3773501	1.58E-08	9YrCancerF	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	462098.5	3773492	1.58E-08	9YrCancerF	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	462129.9	3773662	1.43E-08	9YrCancerF	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	462126.2	3773653	1.44E-08	9YrCancerF	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	462122.6	3773645	1.44E-08	9YrCancerF	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	462119	3773636	1.44E-08	9YrCancerF	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	462115.3	3773627	1.44E-08	9YrCancerF	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	462111.7	3773619	1.45E-08	9YrCancerF	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	462108	3773610	1.46E-08	9YrCancerF	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	462104.4	3773602	1.47E-08	9YrCancerF	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	462100.8	3773593	1.47E-08	9YrCancerF	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	462097.1	3773584	1.47E-08	9YrCancerF	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	462093.5	3773576	1.47E-08	9YrCancerF	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	462089.9	3773567	1.47E-08	9YrCancerF	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	462086.2	3773559	1.48E-08	9YrCancerF	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	462082.6	3773550	1.48E-08	9YrCancerF	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	462079	3773541	1.49E-08	9YrCancerF	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	462075.3	3773533	1.49E-08	9YrCancerF	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	462071.7	3773524	1.49E-08	9YrCancerF	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	462068	3773516	1.49E-08	9YrCancerF	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	462064.4	3773507	1.49E-08	9YrCancerF	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	462060.8	3773498	1.48E-08	9YrCancerF	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	462091.3	3773666	1.36E-08	9YrCancerF	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	462087.6	3773657	1.37E-08	9YrCancerF	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	462084	3773648	1.37E-08	9YrCancerF	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	462080.4	3773640	1.37E-08	9YrCancerF	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	462076.7	3773631	1.37E-08	9YrCancerF	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	462073.1	3773622	1.37E-08	9YrCancerF	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	462069.4	3773614	1.38E-08	9YrCancerF	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	462065.8	3773605	1.39E-08	9YrCancerF	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

431	ALL	462062.1	3773597	1.40E-08	9YrCancerF	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	462058.5	3773588	1.40E-08	9YrCancerF	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	462054.9	3773579	1.39E-08	9YrCancerF	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	462051.2	3773571	1.39E-08	9YrCancerF	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	462047.6	3773562	1.39E-08	9YrCancerF	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	462043.9	3773554	1.39E-08	9YrCancerF	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	462040.3	3773545	1.39E-08	9YrCancerF	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	462036.7	3773536	1.38E-08	9YrCancerF	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	462033	3773528	1.39E-08	9YrCancerF	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	462029.4	3773519	1.40E-08	9YrCancerF	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	462025.7	3773510	1.40E-08	9YrCancerF	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	462022.1	3773502	1.41E-08	9YrCancerF	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	462018.5	3773493	1.40E-08	9YrCancerF	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 7/31/2024 8:07:21 PM - Acute Risk - Input File: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_School_9yr_HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		463443.1	3773285	NonCancer	0.00E+00	2.57E-07	1.55E-05	0.00E+00	0.00E+00	1.56E-05	8.01E-06	0.00E+00	1.23E-05	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.56E-05
2	ALL		463439.9	3773294	NonCancer	0.00E+00	2.72E-07	1.64E-05	0.00E+00	0.00E+00	1.65E-05	8.48E-06	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	1.65E-05
3	ALL		463436.7	3773303	NonCancer	0.00E+00	2.84E-07	1.71E-05	0.00E+00	0.00E+00	1.72E-05	8.85E-06	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	1.72E-05
4	ALL		463473	3773286	NonCancer	0.00E+00	1.58E-07	9.49E-06	0.00E+00	0.00E+00	9.57E-06	4.92E-06	0.00E+00	7.52E-06	0.00E+00	0.00E+00	9.49E-06	0.00E+00	0.00E+00	9.57E-06
5	ALL		463469.8	3773294	NonCancer	0.00E+00	1.65E-07	9.91E-06	0.00E+00	0.00E+00	9.99E-06	5.13E-06	0.00E+00	7.85E-06	0.00E+00	0.00E+00	9.91E-06	0.00E+00	0.00E+00	9.99E-06
6	ALL		463466.5	3773303	NonCancer	0.00E+00	1.69E-07	1.02E-05	0.00E+00	0.00E+00	1.03E-05	5.28E-06	0.00E+00	8.08E-06	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.03E-05
7	ALL		463463.3	3773312	NonCancer	0.00E+00	1.72E-07	1.04E-05	0.00E+00	0.00E+00	1.04E-05	5.36E-06	0.00E+00	8.20E-06	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
8	ALL		463460.1	3773321	NonCancer	0.00E+00	1.72E-07	1.04E-05	0.00E+00	0.00E+00	1.04E-05	5.37E-06	0.00E+00	8.20E-06	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-05
9	ALL		463456.8	3773329	NonCancer	0.00E+00	1.71E-07	1.03E-05	0.00E+00	0.00E+00	1.04E-05	5.33E-06	0.00E+00	8.15E-06	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.04E-05
10	ALL		463453.6	3773338	NonCancer	0.00E+00	1.70E-07	1.02E-05	0.00E+00	0.00E+00	1.03E-05	5.29E-06	0.00E+00	8.09E-06	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.03E-05
11	ALL		463450.4	3773347	NonCancer	0.00E+00	1.70E-07	1.02E-05	0.00E+00	0.00E+00	1.03E-05	5.31E-06	0.00E+00	8.11E-06	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.03E-05
12	ALL		463447.1	3773355	NonCancer	0.00E+00	1.73E-07	1.04E-05	0.00E+00	0.00E+00	1.05E-05	5.39E-06	0.00E+00	8.24E-06	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.05E-05
13	ALL		463443.9	3773364	NonCancer	0.00E+00	1.77E-07	1.07E-05	0.00E+00	0.00E+00	1.08E-05	5.53E-06	0.00E+00	8.45E-06	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.08E-05
14	ALL		463440.6	3773373	NonCancer	0.00E+00	1.85E-07	1.12E-05	0.00E+00	0.00E+00	1.12E-05	5.78E-06	0.00E+00	8.84E-06	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.12E-05
15	ALL		463437.4	3773382	NonCancer	0.00E+00	1.99E-07	1.20E-05	0.00E+00	0.00E+00	1.21E-05	6.21E-06	0.00E+00	9.50E-06	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.21E-05
16	ALL		463502.9	3773286	NonCancer	0.00E+00	1.15E-07	6.93E-06	0.00E+00	0.00E+00	6.98E-06	3.59E-06	0.00E+00	5.48E-06	0.00E+00	0.00E+00	6.93E-06	0.00E+00	0.00E+00	6.98E-06
17	ALL		463499.6	3773295	NonCancer	0.00E+00	1.21E-07	7.27E-06	0.00E+00	0.00E+00	7.33E-06	3.77E-06	0.00E+00	5.76E-06	0.00E+00	0.00E+00	7.27E-06	0.00E+00	0.00E+00	7.33E-06
18	ALL		463496.4	3773303	NonCancer	0.00E+00	1.25E-07	7.52E-06	0.00E+00	0.00E+00	7.58E-06	3.90E-06	0.00E+00	5.96E-06	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	7.58E-06
19	ALL		463493.1	3773312	NonCancer	0.00E+00	1.28E-07	7.72E-06	0.00E+00	0.00E+00	7.78E-06	4.00E-06	0.00E+00	6.11E-06	0.00E+00	0.00E+00	7.72E-06	0.00E+00	0.00E+00	7.78E-06
20	ALL		463489.9	3773321	NonCancer	0.00E+00	1.29E-07	7.79E-06	0.00E+00	0.00E+00	7.85E-06	4.03E-06	0.00E+00	6.17E-06	0.00E+00	0.00E+00	7.79E-06	0.00E+00	0.00E+00	7.85E-06
21	ALL		463486.6	3773330	NonCancer	0.00E+00	1.29E-07	7.74E-06	0.00E+00	0.00E+00	7.81E-06	4.01E-06	0.00E+00	6.13E-06	0.00E+00	0.00E+00	7.74E-06	0.00E+00	0.00E+00	7.81E-06
22	ALL		463483.4	3773339	NonCancer	0.00E+00	1.27E-07	7.63E-06	0.00E+00	0.00E+00	7.69E-06	3.95E-06	0.00E+00	6.04E-06	0.00E+00	0.00E+00	7.63E-06	0.00E+00	0.00E+00	7.69E-06
23	ALL		463480.1	3773347	NonCancer	0.00E+00	1.24E-07	7.47E-06	0.00E+00	0.00E+00	7.53E-06	3.87E-06	0.00E+00	5.91E-06	0.00E+00	0.00E+00	7.47E-06	0.00E+00	0.00E+00	7.53E-06
24	ALL		463476.8	3773356	NonCancer	0.00E+00	1.22E-07	7.32E-06	0.00E+00	0.00E+00	7.38E-06	3.79E-06	0.00E+00	5.80E-06	0.00E+00	0.00E+00	7.32E-06	0.00E+00	0.00E+00	7.38E-06
25	ALL		463473.6	3773365	NonCancer	0.00E+00	1.19E-07	7.17E-06	0.00E+00	0.00E+00	7.23E-06	3.72E-06	0.00E+00	5.68E-06	0.00E+00	0.00E+00	7.17E-06	0.00E+00	0.00E+00	7.23E-06
26	ALL		463470.3	3773374	NonCancer	0.00E+00	1.17E-07	7.03E-06	0.00E+00	0.00E+00	7.09E-06	3.64E-06	0.00E+00	5.57E-06	0.00E+00	0.00E+00	7.03E-06	0.00E+00	0.00E+00	7.09E-06
27	ALL		463467.1	3773383	NonCancer	0.00E+00	1.15E-07	6.93E-06	0.00E+00	0.00E+00	6.98E-06	3.59E-06	0.00E+00	5.49E-06	0.00E+00	0.00E+00	6.93E-06	0.00E+00	0.00E+00	6.98E-06
28	ALL		463463.8	3773391	NonCancer	0.00E+00	1.14E-07	6.88E-06	0.00E+00	0.00E+00	6.93E-06	3.56E-06	0.00E+00	5.45E-06	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.93E-06
29	ALL		463460.6	3773400	NonCancer	0.00E+00	1.16E-07	7.00E-06	0.00E+00	0.00E+00	7.06E-06	3.63E-06	0.00E+00	5.54E-06	0.00E+00	0.00E+00	7.00E-06	0.00E+00	0.00E+00	7.06E-06
30	ALL		463457.3	3773409	NonCancer	0.00E+00	1.20E-07	7.21E-06	0.00E+00	0.00E+00	7.27E-06	3.74E-06	0.00E+00	5.71E-06	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	7.27E-06
31	ALL		463454	3773418	NonCancer	0.00E+00	1.24E-07	7.46E-06	0.00E+00	0.00E+00	7.52E-06	3.86E-06	0.00E+00	5.91E-06	0.00E+00	0.00E+00	7.46E-06	0.00E+00	0.00E+00	7.52E-06
32	ALL		463450.8	3773426	NonCancer	0.00E+00	1.30E-07	7.80E-06	0.00E+00	0.00E+00	7.86E-06	4.04E-06	0.00E+00	6.18E-06	0.00E+00	0.00E+00	7.80E-06	0.00E+00	0.00E+00	7.86E-06
33	ALL		463447.5	3773435	NonCancer	0.00E+00	1.39E-07	8.35E-06	0.00E+00	0.00E+00	8.42E-06	4.33E-06	0.00E+00	6.62E-06	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	8.42E-06
34	ALL		463444.3	3773444	NonCancer	0.00E+00	1.51E-07	9.11E-06	0.00E+00	0.00E+00	9.18E-06	4.72E-06	0.00E+00	7.22E-06	0.00E+00	0.00E+00	9.11E-06	0.00E+00	0.00E+00	9.18E-06
35	ALL		463441	3773453	NonCancer	0.00E+00	1.67E-07	1.00E-05	0.00E+00	0.00E+00	1.01E-05	5.21E-06	0.00E+00	7.96E-06	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	1.01E-05
36	ALL		463533.2	3773285	NonCancer	0.00E+00	8.95E-08	5.39E-06	0.00E+00	0.00E+00	5.43E-06	2.79E-06	0.00E+00	4.27E-06	0.00E+00	0.00E+00	5.39E-06	0.00E+00	0.00E+00	5.43E-06
37	ALL		463530	3773294	NonCancer	0.00E+00	9.37E-08	5.64E-06	0.00E+00	0.00E+00	5.69E-06	2.92E-06	0.00E+00	4.47E-06	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	5.69E-06
38	ALL		463526.8	3773302	NonCancer	0.00E+00	9.77E-08	5.88E-06	0.00E+00	0.00E+00	5.93E-06	3.05E-06	0.00E+00	4.66E-06	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	5.93E-06
39	ALL		463523.6	3773311	NonCancer	0.00E+00	1.01E-07	6.06E-06	0.00E+00	0.00E+00	6.11E-06	3.14E-06	0.00E+00	4.80E-06	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	6.11E-06
40	ALL		463520.4	3773319	NonCancer	0.00E+00	1.03E-07	6.20E-06	0.00E+00	0.00E+00	6.25E-06	3.21E-06	0.00E+00	4.91E-06	0.00E+00	0.00E+00	6.20E-06	0.00E+00	0.00E+00	6.25E-06
41	ALL		463517.2	3773328	NonCancer	0.00E+00	1.04E-07	6.23E-06	0.00E+00	0.00E+00	6.28E-06	3.23E-06	0.00E+00	4.94E-06	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	6.28E-06
42	ALL		463514	3773337	NonCancer	0.00E+00	1.03E-07	6.17E-06	0.00E+00	0.00E+00	6.22E-06	3.20E-06	0.00E+00	4.89E-06	0.00E+00	0.00E+00	6.17E-06	0.00E+00	0.00E+00	6.22E-06
43	ALL		463510.8	3773345	NonCancer	0.00E+00	1.01E-07	6.06E-06	0.00E+00	0.00E+00	6.11E-06	3.14E-06	0.00E+00	4.80E-06	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	6.11E-06
44	ALL		463507.6	3773354	NonCancer	0.00E+00	9.83E-08	5.92E-06	0.00E+00	0.00E+00	5.97E-06	3.07E-06	0.00E+00	4.69E-06	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	5.97E-06
45	ALL		463504.4	3773363	NonCancer	0.00E+00	9.58E-08	5.77E-06	0.00E+00	0.00E+00	5.81E-06	2.99E-06	0.00E+00	4.57E-06	0.00E+00	0.00E+00	5.77E-06	0.00E+00	0.00E+00	5.81E-06
46	ALL		463501.2	3773371	NonCancer	0.00E+00	9.35E-08	5.63E-06	0.00E+00	0.00E+00	5.67E-06	2.91E-06	0.00E+00	4.46E-06	0.00E+00	0.00E+00	5.63E-06	0.00E+00	0.00E+00	5.67E-06
47	ALL		463498	3773380	NonCancer	0.00E+00	9.11E-08	5.48E-06	0.00E+00	0.00E+00	5.53E-06	2.84E-06	0.00E+00	4.34E-06	0.00E+00	0.00E+00	5.48E-06	0.00E+00	0.00E+00	5.53E-06
48	ALL		463494.8	3773388	NonCancer	0.00E+00	8.88E-08	5.35E-06	0.00E+00	0.00E+00	5.39E-06	2.77E-06	0.00E+00	4.24E-06	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	5.39E-06
49	ALL		463491.7	3773397	NonCancer	0.00E+00	8.73E-08	5.25E-06	0.00E+00	0.00E+00	5.29E-06	2.72E-06	0.00E+00	4.16E-06	0.00E+00	0.00E+00	5.25E-06	0.00E+00	0.00E+00	5.29E-06
50	ALL		463488.5	3773406	NonCancer	0.00E+00	8.73E-08	5.25E-06	0.00E+00	0.00E+00	5.29E-06	2.72E-06	0.00E+00	4.16E-06	0.00E+00	0.00E+00	5.25E-06	0.00E+00	0.00E+00	5.29E-06
51	ALL		463485.3	3773414	NonCancer	0.00E+00	8.83E-08	5.31E-06	0.00E+00	0.00E+00	5.35E-06	2.75E-06	0.00E+00	4.21E-06	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	5.35E-06
52	ALL		463482.1	3773423	NonCancer	0.00E+00	8.98E-08	5.40E-06	0.00E+00	0.00E+00	5.45E-06	2.80E-06	0.00E+00	4.28E-06	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	5.45E-06

53	ALL	463478.9	3773432	NonCancer	0.00E+00	9.12E-08	5.49E-06	0.00E+00	0.00E+00	5.53E-06	2.84E-06	0.00E+00	4.35E-06	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	5.53E-06
54	ALL	463475.7	3773440	NonCancer	0.00E+00	9.24E-08	5.56E-06	0.00E+00	0.00E+00	5.61E-06	2.88E-06	0.00E+00	4.41E-06	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	5.61E-06
55	ALL	463472.5	3773449	NonCancer	0.00E+00	9.49E-08	5.71E-06	0.00E+00	0.00E+00	5.75E-06	2.96E-06	0.00E+00	4.52E-06	0.00E+00	0.00E+00	5.71E-06	0.00E+00	0.00E+00	5.75E-06
56	ALL	463563.1	3773285	NonCancer	0.00E+00	7.41E-08	4.46E-06	0.00E+00	0.00E+00	4.50E-06	2.31E-06	0.00E+00	3.53E-06	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	4.50E-06
57	ALL	463559.9	3773294	NonCancer	0.00E+00	7.63E-08	4.59E-06	0.00E+00	0.00E+00	4.63E-06	2.38E-06	0.00E+00	3.64E-06	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	4.63E-06
58	ALL	463556.7	3773303	NonCancer	0.00E+00	7.99E-08	4.81E-06	0.00E+00	0.00E+00	4.85E-06	2.49E-06	0.00E+00	3.81E-06	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	4.85E-06
59	ALL	463553.4	3773311	NonCancer	0.00E+00	8.28E-08	4.99E-06	0.00E+00	0.00E+00	5.03E-06	2.58E-06	0.00E+00	3.95E-06	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	5.03E-06
60	ALL	463550.2	3773320	NonCancer	0.00E+00	8.52E-08	5.13E-06	0.00E+00	0.00E+00	5.17E-06	2.66E-06	0.00E+00	4.06E-06	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	5.17E-06
61	ALL	463547	3773329	NonCancer	0.00E+00	8.68E-08	5.23E-06	0.00E+00	0.00E+00	5.27E-06	2.71E-06	0.00E+00	4.14E-06	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	5.27E-06
62	ALL	463543.8	3773337	NonCancer	0.00E+00	8.71E-08	5.24E-06	0.00E+00	0.00E+00	5.29E-06	2.72E-06	0.00E+00	4.15E-06	0.00E+00	0.00E+00	5.24E-06	0.00E+00	0.00E+00	5.29E-06
63	ALL	463540.6	3773346	NonCancer	0.00E+00	8.62E-08	5.19E-06	0.00E+00	0.00E+00	5.23E-06	2.69E-06	0.00E+00	4.11E-06	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	5.23E-06
64	ALL	463537.4	3773355	NonCancer	0.00E+00	8.43E-08	5.08E-06	0.00E+00	0.00E+00	5.12E-06	2.63E-06	0.00E+00	4.02E-06	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	5.12E-06
65	ALL	463534.1	3773363	NonCancer	0.00E+00	8.18E-08	4.93E-06	0.00E+00	0.00E+00	4.96E-06	2.55E-06	0.00E+00	3.90E-06	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	4.96E-06
66	ALL	463530.9	3773372	NonCancer	0.00E+00	7.91E-08	4.76E-06	0.00E+00	0.00E+00	4.80E-06	2.47E-06	0.00E+00	3.77E-06	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	4.80E-06
67	ALL	463527.7	3773381	NonCancer	0.00E+00	7.66E-08	4.61E-06	0.00E+00	0.00E+00	4.65E-06	2.39E-06	0.00E+00	3.65E-06	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	4.65E-06
68	ALL	463524.5	3773389	NonCancer	0.00E+00	7.39E-08	4.45E-06	0.00E+00	0.00E+00	4.49E-06	2.31E-06	0.00E+00	3.53E-06	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	4.49E-06
69	ALL	463521.3	3773398	NonCancer	0.00E+00	7.14E-08	4.30E-06	0.00E+00	0.00E+00	4.33E-06	2.23E-06	0.00E+00	3.40E-06	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	4.33E-06
70	ALL	463518.1	3773407	NonCancer	0.00E+00	6.95E-08	4.18E-06	0.00E+00	0.00E+00	4.22E-06	2.17E-06	0.00E+00	3.31E-06	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	4.22E-06
71	ALL	463514.8	3773415	NonCancer	0.00E+00	6.93E-08	4.17E-06	0.00E+00	0.00E+00	4.21E-06	2.16E-06	0.00E+00	3.31E-06	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	4.21E-06
72	ALL	463511.6	3773424	NonCancer	0.00E+00	6.96E-08	4.19E-06	0.00E+00	0.00E+00	4.23E-06	2.17E-06	0.00E+00	3.32E-06	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	4.23E-06
73	ALL	463508.4	3773433	NonCancer	0.00E+00	7.06E-08	4.25E-06	0.00E+00	0.00E+00	4.28E-06	2.20E-06	0.00E+00	3.36E-06	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	4.28E-06
74	ALL	463505.2	3773441	NonCancer	0.00E+00	7.15E-08	4.30E-06	0.00E+00	0.00E+00	4.34E-06	2.23E-06	0.00E+00	3.41E-06	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	4.34E-06
75	ALL	463502	3773450	NonCancer	0.00E+00	7.23E-08	4.35E-06	0.00E+00	0.00E+00	4.38E-06	2.25E-06	0.00E+00	3.45E-06	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	4.38E-06
76	ALL	463593	3773285	NonCancer	0.00E+00	6.31E-08	3.80E-06	0.00E+00	0.00E+00	3.83E-06	1.97E-06	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	3.83E-06
77	ALL	463589.8	3773294	NonCancer	0.00E+00	6.46E-08	3.89E-06	0.00E+00	0.00E+00	3.92E-06	2.01E-06	0.00E+00	3.08E-06	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	3.92E-06
78	ALL	463586.5	3773303	NonCancer	0.00E+00	6.70E-08	4.03E-06	0.00E+00	0.00E+00	4.07E-06	2.09E-06	0.00E+00	3.20E-06	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	4.07E-06
79	ALL	463583.3	3773312	NonCancer	0.00E+00	6.96E-08	4.19E-06	0.00E+00	0.00E+00	4.22E-06	2.17E-06	0.00E+00	3.32E-06	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	4.22E-06
80	ALL	463580.1	3773320	NonCancer	0.00E+00	7.17E-08	4.32E-06	0.00E+00	0.00E+00	4.35E-06	2.24E-06	0.00E+00	3.42E-06	0.00E+00	0.00E+00	4.32E-06	0.00E+00	0.00E+00	4.35E-06
81	ALL	463576.8	3773329	NonCancer	0.00E+00	7.36E-08	4.43E-06	0.00E+00	0.00E+00	4.47E-06	2.30E-06	0.00E+00	3.51E-06	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	4.47E-06
82	ALL	463573.6	3773338	NonCancer	0.00E+00	7.48E-08	4.50E-06	0.00E+00	0.00E+00	4.54E-06	2.33E-06	0.00E+00	3.57E-06	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	4.54E-06
83	ALL	463570.4	3773346	NonCancer	0.00E+00	7.50E-08	4.51E-06	0.00E+00	0.00E+00	4.55E-06	2.34E-06	0.00E+00	3.57E-06	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	4.55E-06
84	ALL	463567.1	3773355	NonCancer	0.00E+00	7.43E-08	4.47E-06	0.00E+00	0.00E+00	4.51E-06	2.32E-06	0.00E+00	3.54E-06	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	4.51E-06
85	ALL	463563.9	3773364	NonCancer	0.00E+00	7.26E-08	4.37E-06	0.00E+00	0.00E+00	4.41E-06	2.27E-06	0.00E+00	3.46E-06	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	4.41E-06
86	ALL	463560.6	3773373	NonCancer	0.00E+00	7.04E-08	4.24E-06	0.00E+00	0.00E+00	4.27E-06	2.20E-06	0.00E+00	3.36E-06	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	4.27E-06
87	ALL	463557.4	3773381	NonCancer	0.00E+00	6.78E-08	4.08E-06	0.00E+00	0.00E+00	4.12E-06	2.12E-06	0.00E+00	3.23E-06	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	4.12E-06
88	ALL	463554.2	3773390	NonCancer	0.00E+00	6.57E-08	3.95E-06	0.00E+00	0.00E+00	3.99E-06	2.05E-06	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	3.99E-06
89	ALL	463550.9	3773399	NonCancer	0.00E+00	6.34E-08	3.81E-06	0.00E+00	0.00E+00	3.85E-06	1.98E-06	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	3.85E-06
90	ALL	463547.7	3773408	NonCancer	0.00E+00	6.10E-08	3.67E-06	0.00E+00	0.00E+00	3.70E-06	1.90E-06	0.00E+00	2.91E-06	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	3.70E-06
91	ALL	463544.5	3773416	NonCancer	0.00E+00	5.92E-08	3.57E-06	0.00E+00	0.00E+00	3.59E-06	1.85E-06	0.00E+00	2.82E-06	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	3.59E-06
92	ALL	463541.2	3773425	NonCancer	0.00E+00	5.88E-08	3.54E-06	0.00E+00	0.00E+00	3.57E-06	1.83E-06	0.00E+00	2.80E-06	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	3.57E-06
93	ALL	463538	3773434	NonCancer	0.00E+00	5.85E-08	3.52E-06	0.00E+00	0.00E+00	3.55E-06	1.83E-06	0.00E+00	2.79E-06	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	3.55E-06
94	ALL	463534.8	3773443	NonCancer	0.00E+00	5.86E-08	3.53E-06	0.00E+00	0.00E+00	3.56E-06	1.83E-06	0.00E+00	2.79E-06	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	3.56E-06
95	ALL	463531.5	3773451	NonCancer	0.00E+00	5.88E-08	3.54E-06	0.00E+00	0.00E+00	3.57E-06	1.83E-06	0.00E+00	2.80E-06	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	3.57E-06
96	ALL	463633	3773285	NonCancer	0.00E+00	5.20E-08	3.13E-06	0.00E+00	0.00E+00	3.15E-06	1.62E-06	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	3.15E-06
97	ALL	463629.8	3773294	NonCancer	0.00E+00	5.32E-08	3.20E-06	0.00E+00	0.00E+00	3.23E-06	1.66E-06	0.00E+00	2.54E-06	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	3.23E-06
98	ALL	463626.5	3773303	NonCancer	0.00E+00	5.44E-08	3.27E-06	0.00E+00	0.00E+00	3.30E-06	1.70E-06	0.00E+00	2.59E-06	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	3.30E-06
99	ALL	463623.3	3773311	NonCancer	0.00E+00	5.64E-08	3.40E-06	0.00E+00	0.00E+00	3.42E-06	1.76E-06	0.00E+00	2.69E-06	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.42E-06
100	ALL	463620.1	3773320	NonCancer	0.00E+00	5.84E-08	3.52E-06	0.00E+00	0.00E+00	3.55E-06	1.82E-06	0.00E+00	2.79E-06	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	3.55E-06
101	ALL	463616.8	3773329	NonCancer	0.00E+00	6.02E-08	3.63E-06	0.00E+00	0.00E+00	3.65E-06	1.88E-06	0.00E+00	2.87E-06	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	3.65E-06
102	ALL	463613.6	3773338	NonCancer	0.00E+00	6.21E-08	3.74E-06	0.00E+00	0.00E+00	3.77E-06	1.94E-06	0.00E+00	2.96E-06	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	3.77E-06
103	ALL	463610.4	3773346	NonCancer	0.00E+00	6.32E-08	3.81E-06	0.00E+00	0.00E+00	3.84E-06	1.97E-06	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	3.84E-06
104	ALL	463607.1	3773355	NonCancer	0.00E+00	6.37E-08	3.83E-06	0.00E+00	0.00E+00	3.87E-06	1.99E-06	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	3.87E-06
105	ALL	463603.9	3773364	NonCancer	0.00E+00	6.32E-08	3.81E-06	0.00E+00	0.00E+00	3.84E-06	1.97E-06	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	3.84E-06
106	ALL	463600.6	3773373	NonCancer	0.00E+00	6.21E-08	3.74E-06	0.00E+00	0.00E+00	3.77E-06	1.94E-06	0.00E+00	2.96E-06	0.00E+00	0.00E+00	3.74E-06	0.00E+00	0.00E+00	3.77E-06

107	ALL	463597.4	3773381	NonCancer	0.00E+00	6.06E-08	3.65E-06	0.00E+00	0.00E+00	3.68E-06	1.89E-06	0.00E+00	2.89E-06	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	3.68E-06
108	ALL	463594.2	3773390	NonCancer	0.00E+00	5.89E-08	3.55E-06	0.00E+00	0.00E+00	3.58E-06	1.84E-06	0.00E+00	2.81E-06	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	3.58E-06
109	ALL	463590.9	3773399	NonCancer	0.00E+00	5.73E-08	3.45E-06	0.00E+00	0.00E+00	3.48E-06	1.79E-06	0.00E+00	2.73E-06	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	3.48E-06
110	ALL	463587.7	3773408	NonCancer	0.00E+00	5.56E-08	3.34E-06	0.00E+00	0.00E+00	3.37E-06	1.73E-06	0.00E+00	2.65E-06	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	3.37E-06
111	ALL	463584.5	3773416	NonCancer	0.00E+00	5.35E-08	3.22E-06	0.00E+00	0.00E+00	3.25E-06	1.67E-06	0.00E+00	2.55E-06	0.00E+00	0.00E+00	3.22E-06	0.00E+00	0.00E+00	3.25E-06
112	ALL	463581.2	3773425	NonCancer	0.00E+00	5.15E-08	3.10E-06	0.00E+00	0.00E+00	3.12E-06	1.60E-06	0.00E+00	2.45E-06	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	3.12E-06
113	ALL	463578	3773434	NonCancer	0.00E+00	5.02E-08	3.02E-06	0.00E+00	0.00E+00	3.04E-06	1.56E-06	0.00E+00	2.39E-06	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.04E-06
114	ALL	463574.8	3773442	NonCancer	0.00E+00	5.01E-08	3.02E-06	0.00E+00	0.00E+00	3.04E-06	1.56E-06	0.00E+00	2.39E-06	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.04E-06
115	ALL	463673	3773285	NonCancer	0.00E+00	4.33E-08	2.61E-06	0.00E+00	0.00E+00	2.63E-06	1.35E-06	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	2.63E-06
116	ALL	463669.8	3773294	NonCancer	0.00E+00	4.45E-08	2.68E-06	0.00E+00	0.00E+00	2.70E-06	1.39E-06	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	2.70E-06
117	ALL	463666.5	3773303	NonCancer	0.00E+00	4.51E-08	2.71E-06	0.00E+00	0.00E+00	2.73E-06	1.41E-06	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	2.73E-06
118	ALL	463663.3	3773311	NonCancer	0.00E+00	4.59E-08	2.77E-06	0.00E+00	0.00E+00	2.79E-06	1.43E-06	0.00E+00	2.19E-06	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	2.79E-06
119	ALL	463660.1	3773320	NonCancer	0.00E+00	4.80E-08	2.89E-06	0.00E+00	0.00E+00	2.92E-06	1.50E-06	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	2.92E-06
120	ALL	463656.8	3773329	NonCancer	0.00E+00	4.98E-08	3.00E-06	0.00E+00	0.00E+00	3.02E-06	1.55E-06	0.00E+00	2.38E-06	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	3.02E-06
121	ALL	463653.6	3773338	NonCancer	0.00E+00	5.14E-08	3.10E-06	0.00E+00	0.00E+00	3.12E-06	1.60E-06	0.00E+00	2.45E-06	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	3.12E-06
122	ALL	463650.4	3773346	NonCancer	0.00E+00	5.30E-08	3.19E-06	0.00E+00	0.00E+00	3.22E-06	1.65E-06	0.00E+00	2.53E-06	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	3.22E-06
123	ALL	463647.1	3773355	NonCancer	0.00E+00	5.42E-08	3.26E-06	0.00E+00	0.00E+00	3.29E-06	1.69E-06	0.00E+00	2.58E-06	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	3.29E-06
124	ALL	463643.9	3773364	NonCancer	0.00E+00	5.46E-08	3.28E-06	0.00E+00	0.00E+00	3.31E-06	1.70E-06	0.00E+00	2.60E-06	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	3.31E-06
125	ALL	463640.6	3773373	NonCancer	0.00E+00	5.43E-08	3.27E-06	0.00E+00	0.00E+00	3.30E-06	1.69E-06	0.00E+00	2.59E-06	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	3.30E-06
126	ALL	463637.4	3773381	NonCancer	0.00E+00	5.39E-08	3.25E-06	0.00E+00	0.00E+00	3.27E-06	1.68E-06	0.00E+00	2.57E-06	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	3.27E-06
127	ALL	463634.2	3773390	NonCancer	0.00E+00	5.32E-08	3.20E-06	0.00E+00	0.00E+00	3.23E-06	1.66E-06	0.00E+00	2.54E-06	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	3.23E-06
128	ALL	463630.9	3773399	NonCancer	0.00E+00	5.21E-08	3.14E-06	0.00E+00	0.00E+00	3.16E-06	1.63E-06	0.00E+00	2.49E-06	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.16E-06
129	ALL	463627.7	3773407	NonCancer	0.00E+00	5.09E-08	3.06E-06	0.00E+00	0.00E+00	3.09E-06	1.59E-06	0.00E+00	2.42E-06	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	3.09E-06
130	ALL	463624.5	3773416	NonCancer	0.00E+00	4.95E-08	2.98E-06	0.00E+00	0.00E+00	3.00E-06	1.54E-06	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	3.00E-06
131	ALL	463621.2	3773425	NonCancer	0.00E+00	4.76E-08	2.87E-06	0.00E+00	0.00E+00	2.89E-06	1.49E-06	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	2.89E-06
132	ALL	463618	3773434	NonCancer	0.00E+00	4.56E-08	2.75E-06	0.00E+00	0.00E+00	2.77E-06	1.42E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.77E-06
133	ALL	463614.8	3773442	NonCancer	0.00E+00	4.40E-08	2.65E-06	0.00E+00	0.00E+00	2.67E-06	1.37E-06	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	2.67E-06
134	ALL	463713	3773285	NonCancer	0.00E+00	3.69E-08	2.22E-06	0.00E+00	0.00E+00	2.24E-06	1.15E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.24E-06
135	ALL	463709.8	3773294	NonCancer	0.00E+00	3.78E-08	2.27E-06	0.00E+00	0.00E+00	2.29E-06	1.18E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.29E-06
136	ALL	463706.5	3773303	NonCancer	0.00E+00	3.87E-08	2.33E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.35E-06
137	ALL	463703.3	3773311	NonCancer	0.00E+00	3.93E-08	2.37E-06	0.00E+00	0.00E+00	2.38E-06	1.23E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	2.38E-06
138	ALL	463700.1	3773320	NonCancer	0.00E+00	4.02E-08	2.42E-06	0.00E+00	0.00E+00	2.44E-06	1.25E-06	0.00E+00	1.92E-06	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	2.44E-06
139	ALL	463696.8	3773329	NonCancer	0.00E+00	4.18E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.30E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
140	ALL	463693.6	3773337	NonCancer	0.00E+00	4.33E-08	2.61E-06	0.00E+00	0.00E+00	2.63E-06	1.35E-06	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	2.63E-06
141	ALL	463690.4	3773346	NonCancer	0.00E+00	4.47E-08	2.69E-06	0.00E+00	0.00E+00	2.71E-06	1.39E-06	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	2.71E-06
142	ALL	463687.1	3773355	NonCancer	0.00E+00	4.61E-08	2.78E-06	0.00E+00	0.00E+00	2.80E-06	1.44E-06	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	2.80E-06
143	ALL	463683.9	3773364	NonCancer	0.00E+00	4.71E-08	2.84E-06	0.00E+00	0.00E+00	2.86E-06	1.47E-06	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	2.86E-06
144	ALL	463680.6	3773372	NonCancer	0.00E+00	4.76E-08	2.87E-06	0.00E+00	0.00E+00	2.89E-06	1.48E-06	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	2.89E-06
145	ALL	463677.4	3773381	NonCancer	0.00E+00	4.78E-08	2.88E-06	0.00E+00	0.00E+00	2.90E-06	1.49E-06	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	2.90E-06
146	ALL	463674.2	3773390	NonCancer	0.00E+00	4.78E-08	2.88E-06	0.00E+00	0.00E+00	2.90E-06	1.49E-06	0.00E+00	2.28E-06	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	2.90E-06
147	ALL	463670.9	3773399	NonCancer	0.00E+00	4.74E-08	2.86E-06	0.00E+00	0.00E+00	2.88E-06	1.48E-06	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	2.88E-06
148	ALL	463667.7	3773407	NonCancer	0.00E+00	4.67E-08	2.81E-06	0.00E+00	0.00E+00	2.84E-06	1.46E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	2.84E-06
149	ALL	463664.5	3773416	NonCancer	0.00E+00	4.57E-08	2.75E-06	0.00E+00	0.00E+00	2.77E-06	1.42E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.77E-06
150	ALL	463661.2	3773425	NonCancer	0.00E+00	4.43E-08	2.67E-06	0.00E+00	0.00E+00	2.69E-06	1.38E-06	0.00E+00	2.11E-06	0.00E+00	0.00E+00	2.67E-06	0.00E+00	0.00E+00	2.69E-06
151	ALL	463658	3773434	NonCancer	0.00E+00	4.28E-08	2.58E-06	0.00E+00	0.00E+00	2.60E-06	1.33E-06	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.60E-06
152	ALL	463654.8	3773442	NonCancer	0.00E+00	4.11E-08	2.47E-06	0.00E+00	0.00E+00	2.49E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	2.49E-06
153	ALL	463753	3773285	NonCancer	0.00E+00	3.24E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
154	ALL	463749.8	3773294	NonCancer	0.00E+00	3.34E-08	2.01E-06	0.00E+00	0.00E+00	2.03E-06	1.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.03E-06
155	ALL	463746.5	3773302	NonCancer	0.00E+00	3.42E-08	2.06E-06	0.00E+00	0.00E+00	2.07E-06	1.07E-06	0.00E+00	1.63E-06	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.07E-06
156	ALL	463743.3	3773311	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.11E-06	1.08E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.11E-06
157	ALL	463740.1	3773320	NonCancer	0.00E+00	3.51E-08	2.12E-06	0.00E+00	0.00E+00	2.13E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.13E-06
158	ALL	463736.8	3773329	NonCancer	0.00E+00	3.61E-08	2.18E-06	0.00E+00	0.00E+00	2.19E-06	1.13E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	2.19E-06
159	ALL	463733.6	3773337	NonCancer	0.00E+00	3.74E-08	2.25E-06	0.00E+00	0.00E+00	2.27E-06	1.17E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.27E-06
160	ALL	463730.4	3773346	NonCancer	0.00E+00	3.86E-08	2.32E-06	0.00E+00	0.00E+00	2.34E-06	1.20E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	2.34E-06

161	ALL	463727.1	3773355	NonCancer	0.00E+00	3.97E-08	2.39E-06	0.00E+00	0.00E+00	2.41E-06	1.24E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	2.41E-06
162	ALL	463723.9	3773364	NonCancer	0.00E+00	4.08E-08	2.46E-06	0.00E+00	0.00E+00	2.48E-06	1.27E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.48E-06
163	ALL	463720.6	3773372	NonCancer	0.00E+00	4.18E-08	2.52E-06	0.00E+00	0.00E+00	2.54E-06	1.30E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	2.54E-06
164	ALL	463717.4	3773381	NonCancer	0.00E+00	4.24E-08	2.55E-06	0.00E+00	0.00E+00	2.57E-06	1.32E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.57E-06
165	ALL	463714.2	3773390	NonCancer	0.00E+00	4.26E-08	2.57E-06	0.00E+00	0.00E+00	2.59E-06	1.33E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	2.59E-06
166	ALL	463710.9	3773399	NonCancer	0.00E+00	4.28E-08	2.58E-06	0.00E+00	0.00E+00	2.60E-06	1.34E-06	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.60E-06
167	ALL	463707.7	3773407	NonCancer	0.00E+00	4.27E-08	2.57E-06	0.00E+00	0.00E+00	2.59E-06	1.33E-06	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	2.59E-06
168	ALL	463704.5	3773416	NonCancer	0.00E+00	4.22E-08	2.54E-06	0.00E+00	0.00E+00	2.56E-06	1.32E-06	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	2.56E-06
169	ALL	463701.2	3773425	NonCancer	0.00E+00	4.11E-08	2.48E-06	0.00E+00	0.00E+00	2.50E-06	1.28E-06	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	2.50E-06
170	ALL	463698	3773433	NonCancer	0.00E+00	3.99E-08	2.40E-06	0.00E+00	0.00E+00	2.42E-06	1.24E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	2.42E-06
171	ALL	463694.8	3773442	NonCancer	0.00E+00	3.87E-08	2.33E-06	0.00E+00	0.00E+00	2.35E-06	1.21E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.35E-06
172	ALL	463691.5	3773451	NonCancer	0.00E+00	3.74E-08	2.25E-06	0.00E+00	0.00E+00	2.27E-06	1.17E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.27E-06
173	ALL	463793	3773285	NonCancer	0.00E+00	2.87E-08	1.73E-06	0.00E+00	0.00E+00	1.74E-06	8.96E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.74E-06
174	ALL	463789.8	3773294	NonCancer	0.00E+00	2.98E-08	1.79E-06	0.00E+00	0.00E+00	1.81E-06	9.28E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.81E-06
175	ALL	463786.5	3773302	NonCancer	0.00E+00	3.03E-08	1.83E-06	0.00E+00	0.00E+00	1.84E-06	9.47E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.84E-06
176	ALL	463783.3	3773311	NonCancer	0.00E+00	3.08E-08	1.85E-06	0.00E+00	0.00E+00	1.87E-06	9.60E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.87E-06
177	ALL	463780.1	3773320	NonCancer	0.00E+00	3.10E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.66E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
178	ALL	463776.8	3773329	NonCancer	0.00E+00	3.13E-08	1.88E-06	0.00E+00	0.00E+00	1.90E-06	9.76E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.90E-06
179	ALL	463773.6	3773337	NonCancer	0.00E+00	3.25E-08	1.95E-06	0.00E+00	0.00E+00	1.97E-06	1.01E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.97E-06
180	ALL	463770.4	3773346	NonCancer	0.00E+00	3.36E-08	2.02E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.04E-06
181	ALL	463767.1	3773355	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.10E-06
182	ALL	463763.9	3773364	NonCancer	0.00E+00	3.57E-08	2.15E-06	0.00E+00	0.00E+00	2.17E-06	1.11E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.17E-06
183	ALL	463760.6	3773372	NonCancer	0.00E+00	3.68E-08	2.21E-06	0.00E+00	0.00E+00	2.23E-06	1.15E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.23E-06
184	ALL	463757.4	3773381	NonCancer	0.00E+00	3.76E-08	2.26E-06	0.00E+00	0.00E+00	2.28E-06	1.17E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.28E-06
185	ALL	463754.2	3773390	NonCancer	0.00E+00	3.82E-08	2.30E-06	0.00E+00	0.00E+00	2.32E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.32E-06
186	ALL	463750.9	3773398	NonCancer	0.00E+00	3.84E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
187	ALL	463747.7	3773407	NonCancer	0.00E+00	3.84E-08	2.31E-06	0.00E+00	0.00E+00	2.33E-06	1.20E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.33E-06
188	ALL	463744.5	3773416	NonCancer	0.00E+00	3.83E-08	2.30E-06	0.00E+00	0.00E+00	2.32E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.32E-06
189	ALL	463741.2	3773425	NonCancer	0.00E+00	3.78E-08	2.27E-06	0.00E+00	0.00E+00	2.29E-06	1.18E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.29E-06
190	ALL	463738	3773433	NonCancer	0.00E+00	3.70E-08	2.23E-06	0.00E+00	0.00E+00	2.25E-06	1.16E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.25E-06
191	ALL	463734.8	3773442	NonCancer	0.00E+00	3.60E-08	2.17E-06	0.00E+00	0.00E+00	2.19E-06	1.12E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.19E-06
192	ALL	463731.5	3773451	NonCancer	0.00E+00	3.51E-08	2.12E-06	0.00E+00	0.00E+00	2.13E-06	1.10E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	2.13E-06
193	ALL	463833	3773285	NonCancer	0.00E+00	2.57E-08	1.54E-06	0.00E+00	0.00E+00	1.56E-06	8.00E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.56E-06
194	ALL	463829.8	3773294	NonCancer	0.00E+00	2.67E-08	1.61E-06	0.00E+00	0.00E+00	1.62E-06	8.33E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.62E-06
195	ALL	463826.5	3773302	NonCancer	0.00E+00	2.73E-08	1.65E-06	0.00E+00	0.00E+00	1.66E-06	8.53E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-06
196	ALL	463823.3	3773311	NonCancer	0.00E+00	2.75E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.58E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
197	ALL	463820.1	3773320	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.69E-06	8.67E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.69E-06
198	ALL	463816.8	3773329	NonCancer	0.00E+00	2.78E-08	1.68E-06	0.00E+00	0.00E+00	1.69E-06	8.69E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.69E-06
199	ALL	463813.6	3773337	NonCancer	0.00E+00	2.83E-08	1.70E-06	0.00E+00	0.00E+00	1.72E-06	8.82E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.72E-06
200	ALL	463810.4	3773346	NonCancer	0.00E+00	2.94E-08	1.77E-06	0.00E+00	0.00E+00	1.79E-06	9.18E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.79E-06
201	ALL	463807.1	3773355	NonCancer	0.00E+00	3.04E-08	1.83E-06	0.00E+00	0.00E+00	1.85E-06	9.49E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.85E-06
202	ALL	463803.9	3773363	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.90E-06	9.78E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.90E-06
203	ALL	463800.6	3773372	NonCancer	0.00E+00	3.23E-08	1.94E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.96E-06
204	ALL	463797.4	3773381	NonCancer	0.00E+00	3.32E-08	2.00E-06	0.00E+00	0.00E+00	2.01E-06	1.03E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	2.01E-06
205	ALL	463794.2	3773390	NonCancer	0.00E+00	3.38E-08	2.04E-06	0.00E+00	0.00E+00	2.05E-06	1.06E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	2.05E-06
206	ALL	463790.9	3773398	NonCancer	0.00E+00	3.44E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06
207	ALL	463787.7	3773407	NonCancer	0.00E+00	3.46E-08	2.08E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.10E-06
208	ALL	463784.5	3773416	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.11E-06	1.08E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.11E-06
209	ALL	463781.2	3773425	NonCancer	0.00E+00	3.47E-08	2.09E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	2.10E-06
210	ALL	463778	3773433	NonCancer	0.00E+00	3.43E-08	2.06E-06	0.00E+00	0.00E+00	2.08E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	2.08E-06
211	ALL	463774.8	3773442	NonCancer	0.00E+00	3.37E-08	2.03E-06	0.00E+00	0.00E+00	2.04E-06	1.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	2.04E-06
212	ALL	463771.5	3773451	NonCancer	0.00E+00	3.29E-08	1.98E-06	0.00E+00	0.00E+00	1.99E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	1.99E-06
213	ALL	463873	3773285	NonCancer	0.00E+00	2.30E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.17E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
214	ALL	463869.8	3773294	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.45E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06

215	ALL	463866.5	3773302	NonCancer	0.00E+00	2.45E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.65E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
216	ALL	463863.3	3773311	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.77E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
217	ALL	463860.1	3773320	NonCancer	0.00E+00	2.51E-08	1.51E-06	0.00E+00	0.00E+00	1.52E-06	7.83E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.52E-06
218	ALL	463856.8	3773328	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.88E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
219	ALL	463853.6	3773337	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.92E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
220	ALL	463850.4	3773346	NonCancer	0.00E+00	2.60E-08	1.56E-06	0.00E+00	0.00E+00	1.58E-06	8.10E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.58E-06
221	ALL	463847.1	3773355	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.40E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
222	ALL	463843.9	3773363	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.66E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
223	ALL	463840.6	3773372	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.90E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
224	ALL	463837.4	3773381	NonCancer	0.00E+00	2.93E-08	1.77E-06	0.00E+00	0.00E+00	1.78E-06	9.16E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.78E-06
225	ALL	463834.2	3773390	NonCancer	0.00E+00	3.01E-08	1.81E-06	0.00E+00	0.00E+00	1.83E-06	9.39E-07	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.83E-06
226	ALL	463830.9	3773398	NonCancer	0.00E+00	3.07E-08	1.85E-06	0.00E+00	0.00E+00	1.86E-06	9.57E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.86E-06
227	ALL	463827.7	3773407	NonCancer	0.00E+00	3.11E-08	1.87E-06	0.00E+00	0.00E+00	1.89E-06	9.71E-07	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.89E-06
228	ALL	463824.5	3773416	NonCancer	0.00E+00	3.13E-08	1.89E-06	0.00E+00	0.00E+00	1.90E-06	9.78E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.90E-06
229	ALL	463821.2	3773425	NonCancer	0.00E+00	3.14E-08	1.89E-06	0.00E+00	0.00E+00	1.91E-06	9.80E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.91E-06
230	ALL	463818	3773433	NonCancer	0.00E+00	3.15E-08	1.90E-06	0.00E+00	0.00E+00	1.91E-06	9.82E-07	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.90E-06	0.00E+00	0.00E+00	1.91E-06
231	ALL	463814.8	3773442	NonCancer	0.00E+00	3.13E-08	1.89E-06	0.00E+00	0.00E+00	1.90E-06	9.77E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.90E-06
232	ALL	463811.5	3773451	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.88E-06	9.64E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.88E-06
233	ALL	463913	3773285	NonCancer	0.00E+00	2.07E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.46E-07	0.00E+00	9.88E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
234	ALL	463909.8	3773293	NonCancer	0.00E+00	2.16E-08	1.30E-06	0.00E+00	0.00E+00	1.31E-06	6.74E-07	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.31E-06
235	ALL	463906.5	3773302	NonCancer	0.00E+00	2.23E-08	1.34E-06	0.00E+00	0.00E+00	1.35E-06	6.94E-07	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.35E-06
236	ALL	463903.3	3773311	NonCancer	0.00E+00	2.27E-08	1.37E-06	0.00E+00	0.00E+00	1.38E-06	7.08E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.38E-06
237	ALL	463900.1	3773320	NonCancer	0.00E+00	2.28E-08	1.37E-06	0.00E+00	0.00E+00	1.39E-06	7.12E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.39E-06
238	ALL	463896.8	3773328	NonCancer	0.00E+00	2.30E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.16E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
239	ALL	463893.6	3773337	NonCancer	0.00E+00	2.29E-08	1.38E-06	0.00E+00	0.00E+00	1.39E-06	7.15E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.39E-06
240	ALL	463890.4	3773346	NonCancer	0.00E+00	2.30E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.19E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
241	ALL	463887.1	3773355	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.41E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
242	ALL	463883.9	3773363	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.66E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
243	ALL	463880.6	3773372	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.89E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
244	ALL	463877.4	3773381	NonCancer	0.00E+00	2.61E-08	1.57E-06	0.00E+00	0.00E+00	1.58E-06	8.13E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.58E-06
245	ALL	463874.2	3773390	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.39E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
246	ALL	463870.9	3773398	NonCancer	0.00E+00	2.76E-08	1.66E-06	0.00E+00	0.00E+00	1.68E-06	8.61E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.68E-06
247	ALL	463867.7	3773407	NonCancer	0.00E+00	2.81E-08	1.69E-06	0.00E+00	0.00E+00	1.71E-06	8.78E-07	0.00E+00	1.34E-06	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	1.71E-06
248	ALL	463864.5	3773416	NonCancer	0.00E+00	2.85E-08	1.72E-06	0.00E+00	0.00E+00	1.73E-06	8.89E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.73E-06
249	ALL	463861.2	3773424	NonCancer	0.00E+00	2.87E-08	1.73E-06	0.00E+00	0.00E+00	1.74E-06	8.96E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.74E-06
250	ALL	463858	3773433	NonCancer	0.00E+00	2.87E-08	1.73E-06	0.00E+00	0.00E+00	1.74E-06	8.97E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.74E-06
251	ALL	463854.8	3773442	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.75E-06	8.97E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.75E-06
252	ALL	463851.5	3773451	NonCancer	0.00E+00	2.86E-08	1.72E-06	0.00E+00	0.00E+00	1.74E-06	8.94E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.74E-06
253	ALL	463953	3773285	NonCancer	0.00E+00	1.88E-08	1.13E-06	0.00E+00	0.00E+00	1.14E-06	5.88E-07	0.00E+00	8.99E-07	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.14E-06
254	ALL	463949.8	3773293	NonCancer	0.00E+00	1.96E-08	1.18E-06	0.00E+00	0.00E+00	1.19E-06	6.12E-07	0.00E+00	9.35E-07	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.19E-06
255	ALL	463946.5	3773302	NonCancer	0.00E+00	2.03E-08	1.22E-06	0.00E+00	0.00E+00	1.23E-06	6.33E-07	0.00E+00	9.68E-07	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.23E-06
256	ALL	463943.3	3773311	NonCancer	0.00E+00	2.08E-08	1.25E-06	0.00E+00	0.00E+00	1.26E-06	6.48E-07	0.00E+00	9.90E-07	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.26E-06
257	ALL	463940.1	3773320	NonCancer	0.00E+00	2.10E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.55E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
258	ALL	463936.8	3773328	NonCancer	0.00E+00	2.10E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.55E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
259	ALL	463933.6	3773337	NonCancer	0.00E+00	2.11E-08	1.27E-06	0.00E+00	0.00E+00	1.28E-06	6.57E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	1.28E-06
260	ALL	463930.4	3773346	NonCancer	0.00E+00	2.10E-08	1.26E-06	0.00E+00	0.00E+00	1.28E-06	6.55E-07	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.28E-06
261	ALL	463927.1	3773354	NonCancer	0.00E+00	2.12E-08	1.28E-06	0.00E+00	0.00E+00	1.29E-06	6.61E-07	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.29E-06
262	ALL	463923.9	3773363	NonCancer	0.00E+00	2.19E-08	1.32E-06	0.00E+00	0.00E+00	1.33E-06	6.85E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.33E-06
263	ALL	463920.6	3773372	NonCancer	0.00E+00	2.26E-08	1.36E-06	0.00E+00	0.00E+00	1.37E-06	7.05E-07	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.37E-06
264	ALL	463917.4	3773381	NonCancer	0.00E+00	2.32E-08	1.39E-06	0.00E+00	0.00E+00	1.41E-06	7.23E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.41E-06
265	ALL	463914.2	3773389	NonCancer	0.00E+00	2.38E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.43E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
266	ALL	463910.9	3773398	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.67E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
267	ALL	463907.7	3773407	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.89E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
268	ALL	463904.5	3773416	NonCancer	0.00E+00	2.59E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.07E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06

269	ALL	463901.2	3773424	NonCancer	0.00E+00	2.62E-08	1.58E-06	0.00E+00	0.00E+00	1.59E-06	8.18E-07	0.00E+00	1.25E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.59E-06
270	ALL	463898	3773433	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.25E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
271	ALL	463894.8	3773442	NonCancer	0.00E+00	2.65E-08	1.59E-06	0.00E+00	0.00E+00	1.61E-06	8.26E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.61E-06
272	ALL	463891.5	3773451	NonCancer	0.00E+00	2.65E-08	1.59E-06	0.00E+00	0.00E+00	1.61E-06	8.26E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.61E-06
273	ALL	463993	3773285	NonCancer	0.00E+00	1.74E-08	1.04E-06	0.00E+00	0.00E+00	1.05E-06	5.41E-07	0.00E+00	8.28E-07	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	1.05E-06
274	ALL	463989.8	3773293	NonCancer	0.00E+00	1.78E-08	1.07E-06	0.00E+00	0.00E+00	1.08E-06	5.57E-07	0.00E+00	8.51E-07	0.00E+00	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.08E-06
275	ALL	463986.5	3773302	NonCancer	0.00E+00	1.85E-08	1.11E-06	0.00E+00	0.00E+00	1.12E-06	5.77E-07	0.00E+00	8.82E-07	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.12E-06
276	ALL	463983.3	3773311	NonCancer	0.00E+00	1.90E-08	1.14E-06	0.00E+00	0.00E+00	1.15E-06	5.92E-07	0.00E+00	9.04E-07	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.15E-06
277	ALL	463980.1	3773319	NonCancer	0.00E+00	1.92E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	5.99E-07	0.00E+00	9.16E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
278	ALL	463976.8	3773328	NonCancer	0.00E+00	1.92E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.00E-07	0.00E+00	9.18E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
279	ALL	463973.6	3773337	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.01E-07	0.00E+00	9.19E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
280	ALL	463970.4	3773346	NonCancer	0.00E+00	1.93E-08	1.16E-06	0.00E+00	0.00E+00	1.17E-06	6.02E-07	0.00E+00	9.20E-07	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.17E-06
281	ALL	463967.1	3773354	NonCancer	0.00E+00	1.94E-08	1.17E-06	0.00E+00	0.00E+00	1.18E-06	6.04E-07	0.00E+00	9.24E-07	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.18E-06
282	ALL	463963.9	3773363	NonCancer	0.00E+00	1.97E-08	1.19E-06	0.00E+00	0.00E+00	1.20E-06	6.16E-07	0.00E+00	9.42E-07	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.20E-06
283	ALL	463960.6	3773372	NonCancer	0.00E+00	2.04E-08	1.23E-06	0.00E+00	0.00E+00	1.24E-06	6.37E-07	0.00E+00	9.73E-07	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.24E-06
284	ALL	463957.4	3773381	NonCancer	0.00E+00	2.10E-08	1.26E-06	0.00E+00	0.00E+00	1.27E-06	6.54E-07	0.00E+00	9.99E-07	0.00E+00	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.27E-06
285	ALL	463954.2	3773389	NonCancer	0.00E+00	2.15E-08	1.29E-06	0.00E+00	0.00E+00	1.30E-06	6.70E-07	0.00E+00	1.02E-06	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.30E-06
286	ALL	463950.9	3773398	NonCancer	0.00E+00	2.21E-08	1.33E-06	0.00E+00	0.00E+00	1.34E-06	6.90E-07	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.34E-06
287	ALL	463947.7	3773407	NonCancer	0.00E+00	2.28E-08	1.37E-06	0.00E+00	0.00E+00	1.39E-06	7.12E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.39E-06
288	ALL	463944.5	3773416	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.31E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
289	ALL	463941.2	3773424	NonCancer	0.00E+00	2.39E-08	1.44E-06	0.00E+00	0.00E+00	1.45E-06	7.45E-07	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.45E-06
290	ALL	463938	3773433	NonCancer	0.00E+00	2.42E-08	1.46E-06	0.00E+00	0.00E+00	1.47E-06	7.54E-07	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.47E-06
291	ALL	463934.8	3773442	NonCancer	0.00E+00	2.44E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.60E-07	0.00E+00	1.16E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
292	ALL	463931.5	3773450	NonCancer	0.00E+00	2.45E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.63E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
293	ALL	462814.1	3773505	NonCancer	0.00E+00	3.86E-08	2.33E-06	0.00E+00	0.00E+00	2.34E-06	1.21E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.34E-06
294	ALL	462805.4	3773502	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
295	ALL	462796.8	3773498	NonCancer	0.00E+00	3.44E-08	2.07E-06	0.00E+00	0.00E+00	2.09E-06	1.07E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.09E-06
296	ALL	462788.2	3773495	NonCancer	0.00E+00	3.22E-08	1.94E-06	0.00E+00	0.00E+00	1.95E-06	1.00E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.95E-06
297	ALL	462779.6	3773491	NonCancer	0.00E+00	3.20E-08	1.92E-06	0.00E+00	0.00E+00	1.94E-06	9.98E-07	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	1.94E-06
298	ALL	462771	3773488	NonCancer	0.00E+00	3.23E-08	1.95E-06	0.00E+00	0.00E+00	1.96E-06	1.01E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	1.96E-06
299	ALL	462814.2	3773535	NonCancer	0.00E+00	3.82E-08	2.30E-06	0.00E+00	0.00E+00	2.32E-06	1.19E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.32E-06
300	ALL	462805.6	3773532	NonCancer	0.00E+00	3.66E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
301	ALL	462797	3773528	NonCancer	0.00E+00	3.46E-08	2.08E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.10E-06
302	ALL	462788.4	3773525	NonCancer	0.00E+00	3.28E-08	1.97E-06	0.00E+00	0.00E+00	1.99E-06	1.02E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.99E-06
303	ALL	462779.8	3773521	NonCancer	0.00E+00	3.09E-08	1.86E-06	0.00E+00	0.00E+00	1.87E-06	9.63E-07	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	1.87E-06
304	ALL	462771.2	3773518	NonCancer	0.00E+00	2.97E-08	1.79E-06	0.00E+00	0.00E+00	1.80E-06	9.27E-07	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-06
305	ALL	462762.6	3773514	NonCancer	0.00E+00	2.88E-08	1.73E-06	0.00E+00	0.00E+00	1.75E-06	8.99E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.75E-06
306	ALL	462754	3773511	NonCancer	0.00E+00	2.87E-08	1.73E-06	0.00E+00	0.00E+00	1.74E-06	8.95E-07	0.00E+00	1.37E-06	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.74E-06
307	ALL	462745.4	3773507	NonCancer	0.00E+00	2.89E-08	1.74E-06	0.00E+00	0.00E+00	1.75E-06	9.01E-07	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.75E-06
308	ALL	462736.8	3773503	NonCancer	0.00E+00	2.93E-08	1.76E-06	0.00E+00	0.00E+00	1.78E-06	9.13E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.78E-06
309	ALL	462728.2	3773500	NonCancer	0.00E+00	3.00E-08	1.80E-06	0.00E+00	0.00E+00	1.82E-06	9.35E-07	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.82E-06
310	ALL	462719.6	3773496	NonCancer	0.00E+00	3.05E-08	1.83E-06	0.00E+00	0.00E+00	1.85E-06	9.50E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.85E-06
311	ALL	462711	3773493	NonCancer	0.00E+00	3.06E-08	1.84E-06	0.00E+00	0.00E+00	1.86E-06	9.54E-07	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.86E-06
312	ALL	462702.4	3773489	NonCancer	0.00E+00	3.04E-08	1.83E-06	0.00E+00	0.00E+00	1.85E-06	9.50E-07	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.85E-06
313	ALL	462813.8	3773565	NonCancer	0.00E+00	3.65E-08	2.20E-06	0.00E+00	0.00E+00	2.22E-06	1.14E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.22E-06
314	ALL	462805.2	3773562	NonCancer	0.00E+00	3.57E-08	2.15E-06	0.00E+00	0.00E+00	2.17E-06	1.12E-06	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.17E-06
315	ALL	462796.5	3773558	NonCancer	0.00E+00	3.45E-08	2.08E-06	0.00E+00	0.00E+00	2.10E-06	1.08E-06	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	2.10E-06
316	ALL	462787.9	3773554	NonCancer	0.00E+00	3.30E-08	1.99E-06	0.00E+00	0.00E+00	2.00E-06	1.03E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.00E-06
317	ALL	462779.3	3773551	NonCancer	0.00E+00	3.12E-08	1.88E-06	0.00E+00	0.00E+00	1.89E-06	9.73E-07	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.89E-06
318	ALL	462770.6	3773547	NonCancer	0.00E+00	2.93E-08	1.76E-06	0.00E+00	0.00E+00	1.78E-06	9.15E-07	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	1.78E-06
319	ALL	462762	3773544	NonCancer	0.00E+00	2.83E-08	1.71E-06	0.00E+00	0.00E+00	1.72E-06	8.84E-07	0.00E+00	1.35E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.72E-06
320	ALL	462753.3	3773540	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.69E-06	8.68E-07	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.69E-06
321	ALL	462744.7	3773537	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.49E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
322	ALL	462736.1	3773533	NonCancer	0.00E+00	2.63E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.22E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06

323	ALL	462727.4	3773530	NonCancer	0.00E+00	2.64E-08	1.59E-06	0.00E+00	0.00E+00	1.60E-06	8.22E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.60E-06
324	ALL	462718.8	3773526	NonCancer	0.00E+00	2.69E-08	1.62E-06	0.00E+00	0.00E+00	1.63E-06	8.40E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	1.63E-06
325	ALL	462710.2	3773522	NonCancer	0.00E+00	2.72E-08	1.64E-06	0.00E+00	0.00E+00	1.65E-06	8.50E-07	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.65E-06
326	ALL	462701.5	3773519	NonCancer	0.00E+00	2.75E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.58E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
327	ALL	462692.9	3773515	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.66E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
328	ALL	462684.2	3773512	NonCancer	0.00E+00	2.78E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.66E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
329	ALL	462675.6	3773508	NonCancer	0.00E+00	2.75E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.59E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
330	ALL	462667	3773505	NonCancer	0.00E+00	2.75E-08	1.66E-06	0.00E+00	0.00E+00	1.67E-06	8.58E-07	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.67E-06
331	ALL	462661.9	3773496	NonCancer	0.00E+00	2.77E-08	1.67E-06	0.00E+00	0.00E+00	1.68E-06	8.63E-07	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	1.68E-06
332	ALL	462762.3	3773574	NonCancer	0.00E+00	2.85E-08	1.71E-06	0.00E+00	0.00E+00	1.73E-06	8.89E-07	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.73E-06
333	ALL	462753.6	3773570	NonCancer	0.00E+00	2.68E-08	1.61E-06	0.00E+00	0.00E+00	1.63E-06	8.36E-07	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.63E-06
334	ALL	462745	3773567	NonCancer	0.00E+00	2.59E-08	1.56E-06	0.00E+00	0.00E+00	1.57E-06	8.08E-07	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.57E-06
335	ALL	462736.4	3773563	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.94E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
336	ALL	462727.8	3773560	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.78E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
337	ALL	462719.1	3773556	NonCancer	0.00E+00	2.46E-08	1.48E-06	0.00E+00	0.00E+00	1.49E-06	7.66E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	1.49E-06
338	ALL	462710.5	3773553	NonCancer	0.00E+00	2.45E-08	1.47E-06	0.00E+00	0.00E+00	1.48E-06	7.64E-07	0.00E+00	1.17E-06	0.00E+00	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.48E-06
339	ALL	462701.9	3773549	NonCancer	0.00E+00	2.47E-08	1.49E-06	0.00E+00	0.00E+00	1.50E-06	7.71E-07	0.00E+00	1.18E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.50E-06
340	ALL	462693.3	3773546	NonCancer	0.00E+00	2.52E-08	1.52E-06	0.00E+00	0.00E+00	1.53E-06	7.85E-07	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.53E-06
341	ALL	462684.6	3773542	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.94E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
342	ALL	462676	3773538	NonCancer	0.00E+00	2.56E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.97E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
343	ALL	462667.4	3773535	NonCancer	0.00E+00	2.57E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.03E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
344	ALL	462658.8	3773531	NonCancer	0.00E+00	2.57E-08	1.55E-06	0.00E+00	0.00E+00	1.56E-06	8.03E-07	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.56E-06
345	ALL	462650.2	3773528	NonCancer	0.00E+00	2.55E-08	1.53E-06	0.00E+00	0.00E+00	1.55E-06	7.95E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.55E-06
346	ALL	462642.6	3773521	NonCancer	0.00E+00	2.54E-08	1.53E-06	0.00E+00	0.00E+00	1.54E-06	7.92E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.54E-06
347	ALL	462639	3773513	NonCancer	0.00E+00	2.55E-08	1.54E-06	0.00E+00	0.00E+00	1.55E-06	7.96E-07	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.55E-06
348	ALL	462635.3	3773504	NonCancer	0.00E+00	2.53E-08	1.52E-06	0.00E+00	0.00E+00	1.54E-06	7.91E-07	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	1.54E-06
349	ALL	462631.7	3773495	NonCancer	0.00E+00	2.49E-08	1.50E-06	0.00E+00	0.00E+00	1.51E-06	7.78E-07	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.51E-06
350	ALL	462683.9	3773572	NonCancer	0.00E+00	2.30E-08	1.38E-06	0.00E+00	0.00E+00	1.40E-06	7.18E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.40E-06
351	ALL	462675.2	3773568	NonCancer	0.00E+00	2.31E-08	1.39E-06	0.00E+00	0.00E+00	1.40E-06	7.22E-07	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.40E-06
352	ALL	462666.6	3773565	NonCancer	0.00E+00	2.34E-08	1.41E-06	0.00E+00	0.00E+00	1.42E-06	7.31E-07	0.00E+00	1.12E-06	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.42E-06
353	ALL	462657.9	3773561	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.37E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
354	ALL	462649.2	3773557	NonCancer	0.00E+00	2.37E-08	1.43E-06	0.00E+00	0.00E+00	1.44E-06	7.39E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.43E-06	0.00E+00	0.00E+00	1.44E-06
355	ALL	462640.6	3773554	NonCancer	0.00E+00	2.37E-08	1.42E-06	0.00E+00	0.00E+00	1.44E-06	7.38E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.44E-06
356	ALL	462631.9	3773550	NonCancer	0.00E+00	2.36E-08	1.42E-06	0.00E+00	0.00E+00	1.43E-06	7.37E-07	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.43E-06
357	ALL	462200.3	3773543	NonCancer	0.00E+00	1.32E-08	7.94E-07	0.00E+00	0.00E+00	8.00E-07	4.11E-07	0.00E+00	6.29E-07	0.00E+00	0.00E+00	7.94E-07	0.00E+00	0.00E+00	8.00E-07
358	ALL	462196.6	3773535	NonCancer	0.00E+00	1.30E-08	7.81E-07	0.00E+00	0.00E+00	7.87E-07	4.05E-07	0.00E+00	6.19E-07	0.00E+00	0.00E+00	7.81E-07	0.00E+00	0.00E+00	7.87E-07
359	ALL	462193	3773526	NonCancer	0.00E+00	1.29E-08	7.78E-07	0.00E+00	0.00E+00	7.85E-07	4.03E-07	0.00E+00	6.17E-07	0.00E+00	0.00E+00	7.78E-07	0.00E+00	0.00E+00	7.85E-07
360	ALL	462189.4	3773518	NonCancer	0.00E+00	1.28E-08	7.72E-07	0.00E+00	0.00E+00	7.78E-07	4.00E-07	0.00E+00	6.12E-07	0.00E+00	0.00E+00	7.72E-07	0.00E+00	0.00E+00	7.78E-07
361	ALL	462185.7	3773509	NonCancer	0.00E+00	1.26E-08	7.61E-07	0.00E+00	0.00E+00	7.67E-07	3.95E-07	0.00E+00	6.03E-07	0.00E+00	0.00E+00	7.61E-07	0.00E+00	0.00E+00	7.67E-07
362	ALL	462182.1	3773500	NonCancer	0.00E+00	1.22E-08	7.36E-07	0.00E+00	0.00E+00	7.42E-07	3.82E-07	0.00E+00	5.83E-07	0.00E+00	0.00E+00	7.36E-07	0.00E+00	0.00E+00	7.42E-07
363	ALL	462178.4	3773492	NonCancer	0.00E+00	1.18E-08	7.09E-07	0.00E+00	0.00E+00	7.15E-07	3.67E-07	0.00E+00	5.62E-07	0.00E+00	0.00E+00	7.09E-07	0.00E+00	0.00E+00	7.15E-07
364	ALL	462202.6	3773644	NonCancer	0.00E+00	1.47E-08	8.84E-07	0.00E+00	0.00E+00	8.92E-07	4.58E-07	0.00E+00	7.01E-07	0.00E+00	0.00E+00	8.84E-07	0.00E+00	0.00E+00	8.92E-07
365	ALL	462198.9	3773635	NonCancer	0.00E+00	1.46E-08	8.80E-07	0.00E+00	0.00E+00	8.87E-07	4.56E-07	0.00E+00	6.98E-07	0.00E+00	0.00E+00	8.80E-07	0.00E+00	0.00E+00	8.87E-07
366	ALL	462195.3	3773627	NonCancer	0.00E+00	1.47E-08	8.84E-07	0.00E+00	0.00E+00	8.91E-07	4.58E-07	0.00E+00	7.00E-07	0.00E+00	0.00E+00	8.84E-07	0.00E+00	0.00E+00	8.91E-07
367	ALL	462191.7	3773618	NonCancer	0.00E+00	1.45E-08	8.73E-07	0.00E+00	0.00E+00	8.80E-07	4.53E-07	0.00E+00	6.92E-07	0.00E+00	0.00E+00	8.73E-07	0.00E+00	0.00E+00	8.80E-07
368	ALL	462188	3773609	NonCancer	0.00E+00	1.41E-08	8.50E-07	0.00E+00	0.00E+00	8.57E-07	4.41E-07	0.00E+00	6.74E-07	0.00E+00	0.00E+00	8.50E-07	0.00E+00	0.00E+00	8.57E-07
369	ALL	462184.4	3773601	NonCancer	0.00E+00	1.36E-08	8.19E-07	0.00E+00	0.00E+00	8.25E-07	4.24E-07	0.00E+00	6.49E-07	0.00E+00	0.00E+00	8.19E-07	0.00E+00	0.00E+00	8.25E-07
370	ALL	462180.7	3773592	NonCancer	0.00E+00	1.33E-08	8.03E-07	0.00E+00	0.00E+00	8.09E-07	4.16E-07	0.00E+00	6.36E-07	0.00E+00	0.00E+00	8.03E-07	0.00E+00	0.00E+00	8.09E-07
371	ALL	462177.1	3773584	NonCancer	0.00E+00	1.34E-08	8.06E-07	0.00E+00	0.00E+00	8.12E-07	4.18E-07	0.00E+00	6.38E-07	0.00E+00	0.00E+00	8.06E-07	0.00E+00	0.00E+00	8.12E-07
372	ALL	462173.5	3773575	NonCancer	0.00E+00	1.34E-08	8.06E-07	0.00E+00	0.00E+00	8.13E-07	4.18E-07	0.00E+00	6.39E-07	0.00E+00	0.00E+00	8.06E-07	0.00E+00	0.00E+00	8.13E-07
373	ALL	462169.8	3773566	NonCancer	0.00E+00	1.34E-08	8.07E-07	0.00E+00	0.00E+00	8.14E-07	4.18E-07	0.00E+00	6.40E-07	0.00E+00	0.00E+00	8.07E-07	0.00E+00	0.00E+00	8.14E-07
374	ALL	462166.2	3773558	NonCancer	0.00E+00	1.30E-08	7.82E-07	0.00E+00	0.00E+00	7.88E-07	4.05E-07	0.00E+00	6.20E-07	0.00E+00	0.00E+00	7.82E-07	0.00E+00	0.00E+00	7.88E-07
375	ALL	462162.6	3773549	NonCancer	0.00E+00	1.28E-08	7.68E-07	0.00E+00	0.00E+00	7.75E-07	3.98E-07	0.00E+00	6.09E-07	0.00E+00	0.00E+00	7.68E-07	0.00E+00	0.00E+00	7.75E-07
376	ALL	462158.9	3773541	NonCancer	0.00E+00	1.25E-08	7.52E-07	0.00E+00	0.00E+00	7.58E-07	3.90E-07	0.00E+00	5.96E-07	0.00E+00	0.00E+00	7.52E-07	0.00E+00	0.00E+00	7.58E-07

377	ALL	462155.3	3773532	NonCancer	0.00E+00	1.23E-08	7.40E-07	0.00E+00	0.00E+00	7.46E-07	3.84E-07	0.00E+00	5.86E-07	0.00E+00	0.00E+00	7.40E-07	0.00E+00	0.00E+00	7.46E-07
378	ALL	462151.7	3773523	NonCancer	0.00E+00	1.22E-08	7.32E-07	0.00E+00	0.00E+00	7.38E-07	3.79E-07	0.00E+00	5.80E-07	0.00E+00	0.00E+00	7.32E-07	0.00E+00	0.00E+00	7.38E-07
379	ALL	462148	3773515	NonCancer	0.00E+00	1.20E-08	7.21E-07	0.00E+00	0.00E+00	7.27E-07	3.74E-07	0.00E+00	5.72E-07	0.00E+00	0.00E+00	7.21E-07	0.00E+00	0.00E+00	7.27E-07
380	ALL	462144.4	3773506	NonCancer	0.00E+00	1.19E-08	7.18E-07	0.00E+00	0.00E+00	7.24E-07	3.72E-07	0.00E+00	5.69E-07	0.00E+00	0.00E+00	7.18E-07	0.00E+00	0.00E+00	7.24E-07
381	ALL	462140.8	3773498	NonCancer	0.00E+00	1.15E-08	6.95E-07	0.00E+00	0.00E+00	7.00E-07	3.60E-07	0.00E+00	5.50E-07	0.00E+00	0.00E+00	6.95E-07	0.00E+00	0.00E+00	7.00E-07
382	ALL	462171.3	3773665	NonCancer	0.00E+00	1.46E-08	8.77E-07	0.00E+00	0.00E+00	8.84E-07	4.55E-07	0.00E+00	6.95E-07	0.00E+00	0.00E+00	8.77E-07	0.00E+00	0.00E+00	8.84E-07
383	ALL	462167.6	3773656	NonCancer	0.00E+00	1.43E-08	8.63E-07	0.00E+00	0.00E+00	8.70E-07	4.47E-07	0.00E+00	6.84E-07	0.00E+00	0.00E+00	8.63E-07	0.00E+00	0.00E+00	8.70E-07
384	ALL	462164	3773648	NonCancer	0.00E+00	1.43E-08	8.63E-07	0.00E+00	0.00E+00	8.69E-07	4.47E-07	0.00E+00	6.83E-07	0.00E+00	0.00E+00	8.63E-07	0.00E+00	0.00E+00	8.69E-07
385	ALL	462160.3	3773639	NonCancer	0.00E+00	1.44E-08	8.66E-07	0.00E+00	0.00E+00	8.73E-07	4.49E-07	0.00E+00	6.86E-07	0.00E+00	0.00E+00	8.66E-07	0.00E+00	0.00E+00	8.73E-07
386	ALL	462156.7	3773630	NonCancer	0.00E+00	1.45E-08	8.71E-07	0.00E+00	0.00E+00	8.78E-07	4.52E-07	0.00E+00	6.90E-07	0.00E+00	0.00E+00	8.71E-07	0.00E+00	0.00E+00	8.78E-07
387	ALL	462153.1	3773622	NonCancer	0.00E+00	1.43E-08	8.59E-07	0.00E+00	0.00E+00	8.66E-07	4.45E-07	0.00E+00	6.81E-07	0.00E+00	0.00E+00	8.59E-07	0.00E+00	0.00E+00	8.66E-07
388	ALL	462149.4	3773613	NonCancer	0.00E+00	1.38E-08	8.30E-07	0.00E+00	0.00E+00	8.37E-07	4.30E-07	0.00E+00	6.58E-07	0.00E+00	0.00E+00	8.30E-07	0.00E+00	0.00E+00	8.37E-07
389	ALL	462145.8	3773604	NonCancer	0.00E+00	1.32E-08	7.97E-07	0.00E+00	0.00E+00	8.03E-07	4.13E-07	0.00E+00	6.31E-07	0.00E+00	0.00E+00	7.97E-07	0.00E+00	0.00E+00	8.03E-07
390	ALL	462142.1	3773596	NonCancer	0.00E+00	1.28E-08	7.71E-07	0.00E+00	0.00E+00	7.77E-07	4.00E-07	0.00E+00	6.11E-07	0.00E+00	0.00E+00	7.71E-07	0.00E+00	0.00E+00	7.77E-07
391	ALL	462138.5	3773587	NonCancer	0.00E+00	1.28E-08	7.72E-07	0.00E+00	0.00E+00	7.78E-07	4.00E-07	0.00E+00	6.12E-07	0.00E+00	0.00E+00	7.72E-07	0.00E+00	0.00E+00	7.78E-07
392	ALL	462134.9	3773579	NonCancer	0.00E+00	1.28E-08	7.72E-07	0.00E+00	0.00E+00	7.78E-07	4.00E-07	0.00E+00	6.12E-07	0.00E+00	0.00E+00	7.72E-07	0.00E+00	0.00E+00	7.78E-07
393	ALL	462131.2	3773570	NonCancer	0.00E+00	1.28E-08	7.72E-07	0.00E+00	0.00E+00	7.79E-07	4.00E-07	0.00E+00	6.12E-07	0.00E+00	0.00E+00	7.72E-07	0.00E+00	0.00E+00	7.79E-07
394	ALL	462127.6	3773561	NonCancer	0.00E+00	1.26E-08	7.61E-07	0.00E+00	0.00E+00	7.67E-07	3.94E-07	0.00E+00	6.03E-07	0.00E+00	0.00E+00	7.61E-07	0.00E+00	0.00E+00	7.67E-07
395	ALL	462123.9	3773553	NonCancer	0.00E+00	1.23E-08	7.42E-07	0.00E+00	0.00E+00	7.48E-07	3.84E-07	0.00E+00	5.88E-07	0.00E+00	0.00E+00	7.42E-07	0.00E+00	0.00E+00	7.48E-07
396	ALL	462120.3	3773544	NonCancer	0.00E+00	1.20E-08	7.23E-07	0.00E+00	0.00E+00	7.29E-07	3.75E-07	0.00E+00	5.73E-07	0.00E+00	0.00E+00	7.23E-07	0.00E+00	0.00E+00	7.29E-07
397	ALL	462116.7	3773536	NonCancer	0.00E+00	1.16E-08	7.01E-07	0.00E+00	0.00E+00	7.07E-07	3.63E-07	0.00E+00	5.56E-07	0.00E+00	0.00E+00	7.01E-07	0.00E+00	0.00E+00	7.07E-07
398	ALL	462113	3773527	NonCancer	0.00E+00	1.15E-08	6.91E-07	0.00E+00	0.00E+00	6.96E-07	3.58E-07	0.00E+00	5.47E-07	0.00E+00	0.00E+00	6.91E-07	0.00E+00	0.00E+00	6.96E-07
399	ALL	462109.4	3773518	NonCancer	0.00E+00	1.14E-08	6.89E-07	0.00E+00	0.00E+00	6.94E-07	3.57E-07	0.00E+00	5.46E-07	0.00E+00	0.00E+00	6.89E-07	0.00E+00	0.00E+00	6.94E-07
400	ALL	462105.7	3773510	NonCancer	0.00E+00	1.14E-08	6.86E-07	0.00E+00	0.00E+00	6.92E-07	3.56E-07	0.00E+00	5.44E-07	0.00E+00	0.00E+00	6.86E-07	0.00E+00	0.00E+00	6.92E-07
401	ALL	462102.1	3773501	NonCancer	0.00E+00	1.12E-08	6.77E-07	0.00E+00	0.00E+00	6.82E-07	3.51E-07	0.00E+00	5.36E-07	0.00E+00	0.00E+00	6.77E-07	0.00E+00	0.00E+00	6.82E-07
402	ALL	462098.5	3773492	NonCancer	0.00E+00	1.10E-08	6.65E-07	0.00E+00	0.00E+00	6.70E-07	3.45E-07	0.00E+00	5.27E-07	0.00E+00	0.00E+00	6.65E-07	0.00E+00	0.00E+00	6.70E-07
403	ALL	462129.9	3773662	NonCancer	0.00E+00	1.40E-08	8.45E-07	0.00E+00	0.00E+00	8.52E-07	4.38E-07	0.00E+00	6.69E-07	0.00E+00	0.00E+00	8.45E-07	0.00E+00	0.00E+00	8.52E-07
404	ALL	462126.2	3773653	NonCancer	0.00E+00	1.38E-08	8.30E-07	0.00E+00	0.00E+00	8.37E-07	4.30E-07	0.00E+00	6.58E-07	0.00E+00	0.00E+00	8.30E-07	0.00E+00	0.00E+00	8.37E-07
405	ALL	462122.6	3773645	NonCancer	0.00E+00	1.39E-08	8.35E-07	0.00E+00	0.00E+00	8.41E-07	4.33E-07	0.00E+00	6.61E-07	0.00E+00	0.00E+00	8.35E-07	0.00E+00	0.00E+00	8.41E-07
406	ALL	462119	3773636	NonCancer	0.00E+00	1.39E-08	8.39E-07	0.00E+00	0.00E+00	8.46E-07	4.35E-07	0.00E+00	6.65E-07	0.00E+00	0.00E+00	8.39E-07	0.00E+00	0.00E+00	8.46E-07
407	ALL	462115.3	3773627	NonCancer	0.00E+00	1.40E-08	8.41E-07	0.00E+00	0.00E+00	8.47E-07	4.36E-07	0.00E+00	6.66E-07	0.00E+00	0.00E+00	8.41E-07	0.00E+00	0.00E+00	8.47E-07
408	ALL	462111.7	3773619	NonCancer	0.00E+00	1.35E-08	8.15E-07	0.00E+00	0.00E+00	8.21E-07	4.22E-07	0.00E+00	6.45E-07	0.00E+00	0.00E+00	8.15E-07	0.00E+00	0.00E+00	8.21E-07
409	ALL	462108	3773610	NonCancer	0.00E+00	1.31E-08	7.86E-07	0.00E+00	0.00E+00	7.92E-07	4.08E-07	0.00E+00	6.23E-07	0.00E+00	0.00E+00	7.86E-07	0.00E+00	0.00E+00	7.92E-07
410	ALL	462104.4	3773602	NonCancer	0.00E+00	1.26E-08	7.58E-07	0.00E+00	0.00E+00	7.64E-07	3.93E-07	0.00E+00	6.01E-07	0.00E+00	0.00E+00	7.58E-07	0.00E+00	0.00E+00	7.64E-07
411	ALL	462100.8	3773593	NonCancer	0.00E+00	1.23E-08	7.40E-07	0.00E+00	0.00E+00	7.46E-07	3.84E-07	0.00E+00	5.87E-07	0.00E+00	0.00E+00	7.40E-07	0.00E+00	0.00E+00	7.46E-07
412	ALL	462097.1	3773584	NonCancer	0.00E+00	1.23E-08	7.40E-07	0.00E+00	0.00E+00	7.46E-07	3.84E-07	0.00E+00	5.87E-07	0.00E+00	0.00E+00	7.40E-07	0.00E+00	0.00E+00	7.46E-07
413	ALL	462093.5	3773576	NonCancer	0.00E+00	1.23E-08	7.43E-07	0.00E+00	0.00E+00	7.48E-07	3.85E-07	0.00E+00	5.88E-07	0.00E+00	0.00E+00	7.43E-07	0.00E+00	0.00E+00	7.48E-07
414	ALL	462089.9	3773567	NonCancer	0.00E+00	1.24E-08	7.45E-07	0.00E+00	0.00E+00	7.51E-07	3.86E-07	0.00E+00	5.90E-07	0.00E+00	0.00E+00	7.45E-07	0.00E+00	0.00E+00	7.51E-07
415	ALL	462086.2	3773559	NonCancer	0.00E+00	1.20E-08	7.24E-07	0.00E+00	0.00E+00	7.30E-07	3.75E-07	0.00E+00	5.74E-07	0.00E+00	0.00E+00	7.24E-07	0.00E+00	0.00E+00	7.30E-07
416	ALL	462082.6	3773550	NonCancer	0.00E+00	1.16E-08	7.00E-07	0.00E+00	0.00E+00	7.05E-07	3.63E-07	0.00E+00	5.54E-07	0.00E+00	0.00E+00	7.00E-07	0.00E+00	0.00E+00	7.05E-07
417	ALL	462079	3773541	NonCancer	0.00E+00	1.12E-08	6.76E-07	0.00E+00	0.00E+00	6.81E-07	3.50E-07	0.00E+00	5.35E-07	0.00E+00	0.00E+00	6.76E-07	0.00E+00	0.00E+00	6.81E-07
418	ALL	462075.3	3773533	NonCancer	0.00E+00	1.10E-08	6.61E-07	0.00E+00	0.00E+00	6.66E-07	3.43E-07	0.00E+00	5.24E-07	0.00E+00	0.00E+00	6.61E-07	0.00E+00	0.00E+00	6.66E-07
419	ALL	462071.7	3773524	NonCancer	0.00E+00	1.10E-08	6.59E-07	0.00E+00	0.00E+00	6.64E-07	3.42E-07	0.00E+00	5.22E-07	0.00E+00	0.00E+00	6.59E-07	0.00E+00	0.00E+00	6.64E-07
420	ALL	462068	3773516	NonCancer	0.00E+00	1.10E-08	6.62E-07	0.00E+00	0.00E+00	6.67E-07	3.43E-07	0.00E+00	5.24E-07	0.00E+00	0.00E+00	6.62E-07	0.00E+00	0.00E+00	6.67E-07
421	ALL	462064.4	3773507	NonCancer	0.00E+00	1.10E-08	6.61E-07	0.00E+00	0.00E+00	6.66E-07	3.43E-07	0.00E+00	5.24E-07	0.00E+00	0.00E+00	6.61E-07	0.00E+00	0.00E+00	6.66E-07
422	ALL	462060.8	3773498	NonCancer	0.00E+00	1.10E-08	6.62E-07	0.00E+00	0.00E+00	6.68E-07	3.43E-07	0.00E+00	5.25E-07	0.00E+00	0.00E+00	6.62E-07	0.00E+00	0.00E+00	6.68E-07
423	ALL	462091.3	3773666	NonCancer	0.00E+00	1.37E-08	8.26E-07	0.00E+00	0.00E+00	8.33E-07	4.28E-07	0.00E+00	6.54E-07	0.00E+00	0.00E+00	8.26E-07	0.00E+00	0.00E+00	8.33E-07
424	ALL	462087.6	3773657	NonCancer	0.00E+00	1.34E-08	8.04E-07	0.00E+00	0.00E+00	8.10E-07	4.17E-07	0.00E+00	6.37E-07	0.00E+00	0.00E+00	8.04E-07	0.00E+00	0.00E+00	8.10E-07
425	ALL	462084	3773648	NonCancer	0.00E+00	1.34E-08	8.06E-07	0.00E+00	0.00E+00	8.12E-07	4.18E-07	0.00E+00	6.39E-07	0.00E+00	0.00E+00	8.06E-07	0.00E+00	0.00E+00	8.12E-07
426	ALL	462080.4	3773640	NonCancer	0.00E+00	1.34E-08	8.07E-07	0.00E+00	0.00E+00	8.13E-07	4.18E-07	0.00E+00	6.39E-07	0.00E+00	0.00E+00	8.07E-07	0.00E+00	0.00E+00	8.13E-07
427	ALL	462076.7	3773631	NonCancer	0.00E+00	1.34E-08	8.07E-07	0.00E+00	0.00E+00	8.14E-07	4.18E-07	0.00E+00	6.39E-07	0.00E+00	0.00E+00	8.07E-07	0.00E+00	0.00E+00	8.14E-07
428	ALL	462073.1	3773622	NonCancer	0.00E+00	1.32E-08	7.95E-07	0.00E+00	0.00E+00	8.01E-07	4.12E-07	0.00E+00	6.30E-07	0.00E+00	0.00E+00	7.95E-07	0.00E+00	0.00E+00	8.01E-07
429	ALL	462069.4	3773614	NonCancer	0.00E+00	1.28E-08	7.69E-07	0.00E+00	0.00E+00	7.75E-07	3.99E-07	0.00E+00	6.09E-07	0.00E+00	0.00E+00	7.69E-07	0.00E+00	0.00E+00	7.75E-07
430	ALL	462065.8	3773605	NonCancer	0.00E+00	1.23E-08	7.41E-07	0.00E+00	0.00E+00	7.47E-07	3.84E-07	0.00E+00	5.87E-07	0.00E+00	0.00E+00	7.41E-07	0.00E+00	0.00E+00	7.47E-07

431	ALL	462062.1	3773597	NonCancer	0.00E+00	1.18E-08	7.12E-07	0.00E+00	0.00E+00	7.18E-07	3.69E-07	0.00E+00	5.64E-07	0.00E+00	0.00E+00	7.12E-07	0.00E+00	0.00E+00	7.18E-07
432	ALL	462058.5	3773588	NonCancer	0.00E+00	1.19E-08	7.14E-07	0.00E+00	0.00E+00	7.20E-07	3.70E-07	0.00E+00	5.66E-07	0.00E+00	0.00E+00	7.14E-07	0.00E+00	0.00E+00	7.20E-07
433	ALL	462054.9	3773579	NonCancer	0.00E+00	1.19E-08	7.15E-07	0.00E+00	0.00E+00	7.21E-07	3.71E-07	0.00E+00	5.67E-07	0.00E+00	0.00E+00	7.15E-07	0.00E+00	0.00E+00	7.21E-07
434	ALL	462051.2	3773571	NonCancer	0.00E+00	1.19E-08	7.15E-07	0.00E+00	0.00E+00	7.21E-07	3.71E-07	0.00E+00	5.66E-07	0.00E+00	0.00E+00	7.15E-07	0.00E+00	0.00E+00	7.21E-07
435	ALL	462047.6	3773562	NonCancer	0.00E+00	1.18E-08	7.10E-07	0.00E+00	0.00E+00	7.15E-07	3.68E-07	0.00E+00	5.62E-07	0.00E+00	0.00E+00	7.10E-07	0.00E+00	0.00E+00	7.15E-07
436	ALL	462043.9	3773554	NonCancer	0.00E+00	1.18E-08	7.09E-07	0.00E+00	0.00E+00	7.14E-07	3.67E-07	0.00E+00	5.61E-07	0.00E+00	0.00E+00	7.09E-07	0.00E+00	0.00E+00	7.14E-07
437	ALL	462040.3	3773545	NonCancer	0.00E+00	1.19E-08	7.14E-07	0.00E+00	0.00E+00	7.20E-07	3.70E-07	0.00E+00	5.66E-07	0.00E+00	0.00E+00	7.14E-07	0.00E+00	0.00E+00	7.20E-07
438	ALL	462036.7	3773536	NonCancer	0.00E+00	1.19E-08	7.17E-07	0.00E+00	0.00E+00	7.23E-07	3.72E-07	0.00E+00	5.68E-07	0.00E+00	0.00E+00	7.17E-07	0.00E+00	0.00E+00	7.23E-07
439	ALL	462033	3773528	NonCancer	0.00E+00	1.15E-08	6.91E-07	0.00E+00	0.00E+00	6.96E-07	3.58E-07	0.00E+00	5.47E-07	0.00E+00	0.00E+00	6.91E-07	0.00E+00	0.00E+00	6.96E-07
440	ALL	462029.4	3773519	NonCancer	0.00E+00	1.11E-08	6.66E-07	0.00E+00	0.00E+00	6.71E-07	3.45E-07	0.00E+00	5.28E-07	0.00E+00	0.00E+00	6.66E-07	0.00E+00	0.00E+00	6.71E-07
441	ALL	462025.7	3773510	NonCancer	0.00E+00	1.07E-08	6.44E-07	0.00E+00	0.00E+00	6.49E-07	3.34E-07	0.00E+00	5.10E-07	0.00E+00	0.00E+00	6.44E-07	0.00E+00	0.00E+00	6.49E-07
442	ALL	462022.1	3773502	NonCancer	0.00E+00	1.06E-08	6.36E-07	0.00E+00	0.00E+00	6.41E-07	3.30E-07	0.00E+00	5.04E-07	0.00E+00	0.00E+00	6.36E-07	0.00E+00	0.00E+00	6.41E-07
443	ALL	462018.5	3773493	NonCancer	0.00E+00	1.05E-08	6.33E-07	0.00E+00	0.00E+00	6.38E-07	3.28E-07	0.00E+00	5.02E-07	0.00E+00	0.00E+00	6.33E-07	0.00E+00	0.00E+00	6.38E-07

*HARP - HRACalc v22118 7/31/2024 8:07:21 PM - Chronic Risk - Input File: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_School_9yr_HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		463443.1	3773285	NonCancer	0.00E+00	7.78E-08	0.00E+00	5.50E-09	5.50E-09	2.60E-06	2.20E-04	0.00E+00	2.40E-07	0.00E+00	5.50E-09	8.88E-06	0.00E+00	0.00E+00	2.20E-04
2	ALL		463439.9	3773294	NonCancer	0.00E+00	8.88E-08	0.00E+00	6.27E-09	6.27E-09	2.96E-06	2.53E-04	0.00E+00	2.73E-07	0.00E+00	6.27E-09	1.01E-05	0.00E+00	0.00E+00	2.53E-04
3	ALL		463436.7	3773303	NonCancer	0.00E+00	1.02E-07	0.00E+00	7.18E-09	7.18E-09	3.39E-06	2.93E-04	0.00E+00	3.13E-07	0.00E+00	7.18E-09	1.16E-05	0.00E+00	0.00E+00	2.93E-04
4	ALL		463473	3773286	NonCancer	0.00E+00	4.30E-08	0.00E+00	3.04E-09	3.04E-09	1.43E-06	1.20E-04	0.00E+00	1.32E-07	0.00E+00	3.04E-09	4.91E-06	0.00E+00	0.00E+00	1.20E-04
5	ALL		463469.8	3773294	NonCancer	0.00E+00	4.59E-08	0.00E+00	3.24E-09	3.24E-09	1.53E-06	1.27E-04	0.00E+00	1.41E-07	0.00E+00	3.24E-09	5.24E-06	0.00E+00	0.00E+00	1.27E-04
6	ALL		463466.5	3773303	NonCancer	0.00E+00	4.88E-08	0.00E+00	3.45E-09	3.45E-09	1.63E-06	1.35E-04	0.00E+00	1.50E-07	0.00E+00	3.45E-09	5.57E-06	0.00E+00	0.00E+00	1.35E-04
7	ALL		463463.3	3773312	NonCancer	0.00E+00	5.17E-08	0.00E+00	3.65E-09	3.65E-09	1.72E-06	1.43E-04	0.00E+00	1.59E-07	0.00E+00	3.65E-09	5.90E-06	0.00E+00	0.00E+00	1.43E-04
8	ALL		463460.1	3773321	NonCancer	0.00E+00	5.46E-08	0.00E+00	3.86E-09	3.86E-09	1.82E-06	1.51E-04	0.00E+00	1.68E-07	0.00E+00	3.86E-09	6.23E-06	0.00E+00	0.00E+00	1.51E-04
9	ALL		463456.8	3773329	NonCancer	0.00E+00	5.77E-08	0.00E+00	4.08E-09	4.08E-09	1.92E-06	1.59E-04	0.00E+00	1.78E-07	0.00E+00	4.08E-09	6.59E-06	0.00E+00	0.00E+00	1.59E-04
10	ALL		463453.6	3773338	NonCancer	0.00E+00	6.11E-08	0.00E+00	4.32E-09	4.32E-09	2.04E-06	1.69E-04	0.00E+00	1.88E-07	0.00E+00	4.32E-09	6.97E-06	0.00E+00	0.00E+00	1.69E-04
11	ALL		463450.4	3773347	NonCancer	0.00E+00	6.51E-08	0.00E+00	4.60E-09	4.60E-09	2.17E-06	1.80E-04	0.00E+00	2.00E-07	0.00E+00	4.60E-09	7.43E-06	0.00E+00	0.00E+00	1.80E-04
12	ALL		463447.1	3773355	NonCancer	0.00E+00	6.99E-08	0.00E+00	4.94E-09	4.94E-09	2.33E-06	1.94E-04	0.00E+00	2.15E-07	0.00E+00	4.94E-09	7.97E-06	0.00E+00	0.00E+00	1.94E-04
13	ALL		463443.9	3773364	NonCancer	0.00E+00	7.58E-08	0.00E+00	5.35E-09	5.35E-09	2.53E-06	2.12E-04	0.00E+00	2.33E-07	0.00E+00	5.35E-09	8.65E-06	0.00E+00	0.00E+00	2.12E-04
14	ALL		463440.6	3773373	NonCancer	0.00E+00	8.34E-08	0.00E+00	5.90E-09	5.90E-09	2.78E-06	2.36E-04	0.00E+00	2.57E-07	0.00E+00	5.90E-09	9.52E-06	0.00E+00	0.00E+00	2.36E-04
15	ALL		463437.4	3773382	NonCancer	0.00E+00	9.37E-08	0.00E+00	6.62E-09	6.62E-09	3.13E-06	2.69E-04	0.00E+00	2.89E-07	0.00E+00	6.62E-09	1.07E-05	0.00E+00	0.00E+00	2.69E-04
16	ALL		463502.9	3773286	NonCancer	0.00E+00	3.04E-08	0.00E+00	2.15E-09	2.15E-09	1.01E-06	8.54E-05	0.00E+00	9.36E-08	0.00E+00	2.15E-09	3.47E-06	0.00E+00	0.00E+00	8.54E-05
17	ALL		463499.6	3773295	NonCancer	0.00E+00	3.19E-08	0.00E+00	2.25E-09	2.25E-09	1.06E-06	8.92E-05	0.00E+00	9.81E-08	0.00E+00	2.25E-09	3.64E-06	0.00E+00	0.00E+00	8.92E-05
18	ALL		463496.4	3773303	NonCancer	0.00E+00	3.34E-08	0.00E+00	2.36E-09	2.36E-09	1.11E-06	9.30E-05	0.00E+00	1.03E-07	0.00E+00	2.36E-09	3.81E-06	0.00E+00	0.00E+00	9.30E-05
19	ALL		463493.1	3773312	NonCancer	0.00E+00	3.48E-08	0.00E+00	2.46E-09	2.46E-09	1.16E-06	9.67E-05	0.00E+00	1.07E-07	0.00E+00	2.46E-09	3.97E-06	0.00E+00	0.00E+00	9.67E-05
20	ALL		463489.9	3773321	NonCancer	0.00E+00	3.62E-08	0.00E+00	2.56E-09	2.56E-09	1.21E-06	1.00E-04	0.00E+00	1.12E-07	0.00E+00	2.56E-09	4.14E-06	0.00E+00	0.00E+00	1.00E-04
21	ALL		463486.6	3773330	NonCancer	0.00E+00	3.76E-08	0.00E+00	2.66E-09	2.66E-09	1.25E-06	1.04E-04	0.00E+00	1.16E-07	0.00E+00	2.66E-09	4.29E-06	0.00E+00	0.00E+00	1.04E-04
22	ALL		463483.4	3773339	NonCancer	0.00E+00	3.90E-08	0.00E+00	2.75E-09	2.75E-09	1.30E-06	1.07E-04	0.00E+00	1.20E-07	0.00E+00	2.75E-09	4.45E-06	0.00E+00	0.00E+00	1.07E-04
23	ALL		463480.1	3773347	NonCancer	0.00E+00	4.03E-08	0.00E+00	2.85E-09	2.85E-09	1.34E-06	1.11E-04	0.00E+00	1.24E-07	0.00E+00	2.85E-09	4.60E-06	0.00E+00	0.00E+00	1.11E-04
24	ALL		463476.8	3773356	NonCancer	0.00E+00	4.16E-08	0.00E+00	2.94E-09	2.94E-09	1.39E-06	1.14E-04	0.00E+00	1.28E-07	0.00E+00	2.94E-09	4.75E-06	0.00E+00	0.00E+00	1.14E-04
25	ALL		463473.6	3773365	NonCancer	0.00E+00	4.31E-08	0.00E+00	3.04E-09	3.04E-09	1.44E-06	1.18E-04	0.00E+00	1.33E-07	0.00E+00	3.04E-09	4.92E-06	0.00E+00	0.00E+00	1.18E-04
26	ALL		463470.3	3773374	NonCancer	0.00E+00	4.47E-08	0.00E+00	3.16E-09	3.16E-09	1.49E-06	1.23E-04	0.00E+00	1.38E-07	0.00E+00	3.16E-09	5.10E-06	0.00E+00	0.00E+00	1.23E-04
27	ALL		463467.1	3773383	NonCancer	0.00E+00	4.64E-08	0.00E+00	3.28E-09	3.28E-09	1.55E-06	1.27E-04	0.00E+00	1.43E-07	0.00E+00	3.28E-09	5.30E-06	0.00E+00	0.00E+00	1.27E-04
28	ALL		463463.8	3773391	NonCancer	0.00E+00	4.84E-08	0.00E+00	3.42E-09	3.42E-09	1.61E-06	1.33E-04	0.00E+00	1.49E-07	0.00E+00	3.42E-09	5.52E-06	0.00E+00	0.00E+00	1.33E-04
29	ALL		463460.6	3773400	NonCancer	0.00E+00	5.07E-08	0.00E+00	3.58E-09	3.58E-09	1.69E-06	1.39E-04	0.00E+00	1.56E-07	0.00E+00	3.58E-09	5.78E-06	0.00E+00	0.00E+00	1.39E-04
30	ALL		463457.3	3773409	NonCancer	0.00E+00	5.34E-08	0.00E+00	3.77E-09	3.77E-09	1.78E-06	1.47E-04	0.00E+00	1.64E-07	0.00E+00	3.77E-09	6.09E-06	0.00E+00	0.00E+00	1.47E-04
31	ALL		463454	3773418	NonCancer	0.00E+00	5.65E-08	0.00E+00	4.00E-09	4.00E-09	1.89E-06	1.56E-04	0.00E+00	1.74E-07	0.00E+00	4.00E-09	6.45E-06	0.00E+00	0.00E+00	1.56E-04
32	ALL		463450.8	3773426	NonCancer	0.00E+00	6.05E-08	0.00E+00	4.27E-09	4.27E-09	2.02E-06	1.67E-04	0.00E+00	1.86E-07	0.00E+00	4.27E-09	6.90E-06	0.00E+00	0.00E+00	1.67E-04
33	ALL		463447.5	3773435	NonCancer	0.00E+00	6.53E-08	0.00E+00	4.62E-09	4.62E-09	2.18E-06	1.82E-04	0.00E+00	2.01E-07	0.00E+00	4.62E-09	7.46E-06	0.00E+00	0.00E+00	1.82E-04
34	ALL		463444.3	3773444	NonCancer	0.00E+00	7.14E-08	0.00E+00	5.04E-09	5.04E-09	2.38E-06	2.00E-04	0.00E+00	2.20E-07	0.00E+00	5.04E-09	8.14E-06	0.00E+00	0.00E+00	2.00E-04
35	ALL		463441	3773453	NonCancer	0.00E+00	7.92E-08	0.00E+00	5.60E-09	5.60E-09	2.64E-06	2.24E-04	0.00E+00	2.44E-07	0.00E+00	5.60E-09	9.04E-06	0.00E+00	0.00E+00	2.24E-04
36	ALL		463533.2	3773285	NonCancer	0.00E+00	2.34E-08	0.00E+00	1.65E-09	1.65E-09	7.80E-07	6.65E-05	0.00E+00	7.20E-08	0.00E+00	1.65E-09	2.67E-06	0.00E+00	0.00E+00	6.65E-05
37	ALL		463530	3773294	NonCancer	0.00E+00	2.43E-08	0.00E+00	1.72E-09	1.72E-09	8.11E-07	6.89E-05	0.00E+00	7.49E-08	0.00E+00	1.72E-09	2.78E-06	0.00E+00	0.00E+00	6.89E-05
38	ALL		463526.8	3773302	NonCancer	0.00E+00	2.52E-08	0.00E+00	1.78E-09	1.78E-09	8.42E-07	7.12E-05	0.00E+00	7.77E-08	0.00E+00	1.78E-09	2.88E-06	0.00E+00	0.00E+00	7.12E-05
39	ALL		463523.6	3773311	NonCancer	0.00E+00	2.62E-08	0.00E+00	1.85E-09	1.85E-09	8.72E-07	7.35E-05	0.00E+00	8.05E-08	0.00E+00	1.85E-09	2.99E-06	0.00E+00	0.00E+00	7.35E-05
40	ALL		463520.4	3773319	NonCancer	0.00E+00	2.71E-08	0.00E+00	1.91E-09	1.91E-09	9.02E-07	7.58E-05	0.00E+00	8.33E-08	0.00E+00	1.91E-09	3.09E-06	0.00E+00	0.00E+00	7.58E-05
41	ALL		463517.2	3773328	NonCancer	0.00E+00	2.79E-08	0.00E+00	1.97E-09	1.97E-09	9.31E-07	7.80E-05	0.00E+00	8.60E-08	0.00E+00	1.97E-09	3.19E-06	0.00E+00	0.00E+00	7.80E-05
42	ALL		463514	3773337	NonCancer	0.00E+00	2.88E-08	0.00E+00	2.03E-09	2.03E-09	9.59E-07	8.01E-05	0.00E+00	8.86E-08	0.00E+00	2.03E-09	3.28E-06	0.00E+00	0.00E+00	8.01E-05
43	ALL		463510.8	3773345	NonCancer	0.00E+00	2.96E-08	0.00E+00	2.09E-09	2.09E-09	9.86E-07	8.21E-05	0.00E+00	9.10E-08	0.00E+00	2.09E-09	3.37E-06	0.00E+00	0.00E+00	8.21E-05
44	ALL		463507.6	3773354	NonCancer	0.00E+00	3.03E-08	0.00E+00	2.14E-09	2.14E-09	1.01E-06	8.40E-05	0.00E+00	9.34E-08	0.00E+00	2.14E-09	3.46E-06	0.00E+00	0.00E+00	8.40E-05
45	ALL		463504.4	3773363	NonCancer	0.00E+00	3.11E-08	0.00E+00	2.20E-09	2.20E-09	1.04E-06	8.59E-05	0.00E+00	9.57E-08	0.00E+00	2.20E-09	3.55E-06	0.00E+00	0.00E+00	8.59E-05
46	ALL		463501.2	3773371	NonCancer	0.00E+00	3.18E-08	0.00E+00	2.25E-09	2.25E-09	1.06E-06	8.78E-05	0.00E+00	9.79E-08	0.00E+00	2.25E-09	3.63E-06	0.00E+00	0.00E+00	8.78E-05
47	ALL		463498	3773380	NonCancer	0.00E+00	3.26E-08	0.00E+00	2.30E-09	2.30E-09	1.09E-06	8.98E-05	0.00E+00	1.00E-07	0.00E+00	2.30E-09	3.72E-06	0.00E+00	0.00E+00	8.98E-05
48	ALL		463494.8	3773388	NonCancer	0.00E+00	3.33E-08	0.00E+00	2.36E-09	2.36E-09	1.11E-06	9.18E-05	0.00E+00	1.03E-07	0.00E+00	2.36E-09	3.80E-06	0.00E+00	0.00E+00	9.18E-05
49	ALL		463491.7	3773397	NonCancer	0.00E+00	3.41E-08	0.00E+00	2.41E-09	2.41E-09	1.14E-06	9.38E-05	0.00E+00	1.05E-07	0.00E+00	2.41E-09	3.90E-06	0.00E+00	0.00E+00	9.38E-05
50	ALL		463488.5	3773406	NonCancer	0.00E+00	3.50E-08	0.00E+00	2.47E-09	2.47E-09	1.17E-06	9.61E-05	0.00E+00	1.08E-07	0.00E+00	2.47E-09	3.99E-06	0.00E+00	0.00E+00	9.61E-05
51	ALL		463485.3	3773414	NonCancer	0.00E+00	3.59E-08	0.00E+00	2.54E-09	2.54E-09	1.20E-06	9.85E-05	0.00E+00	1.11E-07	0.00E+00	2.54E-09	4.10E-06	0.00E+00	0.00E+00	9.85E-05
52	ALL		463482.1	3773423	NonCancer	0.00E+00	3.69E-08	0.00E+00	2.61E-09	2.61E-09	1.23E-06	1.01E-04	0.00E+00	1.14E-07	0.00E+00	2.61E-09	4.21E-06	0.00E+00	0.00E+00	1.01E-04

53	ALL	463478.9	3773432	NonCancer	0.00E+00	3.81E-08	0.00E+00	2.69E-09	2.69E-09	1.27E-06	1.04E-04	0.00E+00	1.17E-07	0.00E+00	2.69E-09	4.34E-06	0.00E+00	0.00E+00	1.04E-04
54	ALL	463475.7	3773440	NonCancer	0.00E+00	3.93E-08	0.00E+00	2.78E-09	2.78E-09	1.31E-06	1.08E-04	0.00E+00	1.21E-07	0.00E+00	2.78E-09	4.49E-06	0.00E+00	0.00E+00	1.08E-04
55	ALL	463472.5	3773449	NonCancer	0.00E+00	4.07E-08	0.00E+00	2.88E-09	2.88E-09	1.36E-06	1.11E-04	0.00E+00	1.25E-07	0.00E+00	2.88E-09	4.65E-06	0.00E+00	0.00E+00	1.11E-04
56	ALL	463563.1	3773285	NonCancer	0.00E+00	1.91E-08	0.00E+00	1.35E-09	1.35E-09	6.36E-07	5.48E-05	0.00E+00	5.87E-08	0.00E+00	1.35E-09	2.18E-06	0.00E+00	0.00E+00	5.48E-05
57	ALL	463559.9	3773294	NonCancer	0.00E+00	1.97E-08	0.00E+00	1.39E-09	1.39E-09	6.57E-07	5.64E-05	0.00E+00	6.07E-08	0.00E+00	1.39E-09	2.25E-06	0.00E+00	0.00E+00	5.64E-05
58	ALL	463556.7	3773303	NonCancer	0.00E+00	2.04E-08	0.00E+00	1.44E-09	1.44E-09	6.79E-07	5.80E-05	0.00E+00	6.27E-08	0.00E+00	1.44E-09	2.32E-06	0.00E+00	0.00E+00	5.80E-05
59	ALL	463553.4	3773311	NonCancer	0.00E+00	2.10E-08	0.00E+00	1.48E-09	1.48E-09	7.00E-07	5.97E-05	0.00E+00	6.47E-08	0.00E+00	1.48E-09	2.40E-06	0.00E+00	0.00E+00	5.97E-05
60	ALL	463550.2	3773320	NonCancer	0.00E+00	2.16E-08	0.00E+00	1.53E-09	1.53E-09	7.22E-07	6.13E-05	0.00E+00	6.66E-08	0.00E+00	1.53E-09	2.47E-06	0.00E+00	0.00E+00	6.13E-05
61	ALL	463547	3773329	NonCancer	0.00E+00	2.23E-08	0.00E+00	1.57E-09	1.57E-09	7.43E-07	6.28E-05	0.00E+00	6.86E-08	0.00E+00	1.57E-09	2.54E-06	0.00E+00	0.00E+00	6.28E-05
62	ALL	463543.8	3773337	NonCancer	0.00E+00	2.29E-08	0.00E+00	1.62E-09	1.62E-09	7.63E-07	6.44E-05	0.00E+00	7.04E-08	0.00E+00	1.62E-09	2.61E-06	0.00E+00	0.00E+00	6.44E-05
63	ALL	463540.6	3773346	NonCancer	0.00E+00	2.34E-08	0.00E+00	1.66E-09	1.66E-09	7.82E-07	6.58E-05	0.00E+00	7.22E-08	0.00E+00	1.66E-09	2.68E-06	0.00E+00	0.00E+00	6.58E-05
64	ALL	463537.4	3773355	NonCancer	0.00E+00	2.40E-08	0.00E+00	1.70E-09	1.70E-09	8.00E-07	6.72E-05	0.00E+00	7.39E-08	0.00E+00	1.70E-09	2.74E-06	0.00E+00	0.00E+00	6.72E-05
65	ALL	463534.1	3773363	NonCancer	0.00E+00	2.45E-08	0.00E+00	1.73E-09	1.73E-09	8.18E-07	6.85E-05	0.00E+00	7.55E-08	0.00E+00	1.73E-09	2.80E-06	0.00E+00	0.00E+00	6.85E-05
66	ALL	463530.9	3773372	NonCancer	0.00E+00	2.50E-08	0.00E+00	1.77E-09	1.77E-09	8.35E-07	6.98E-05	0.00E+00	7.71E-08	0.00E+00	1.77E-09	2.86E-06	0.00E+00	0.00E+00	6.98E-05
67	ALL	463527.7	3773381	NonCancer	0.00E+00	2.55E-08	0.00E+00	1.80E-09	1.80E-09	8.51E-07	7.10E-05	0.00E+00	7.85E-08	0.00E+00	1.80E-09	2.91E-06	0.00E+00	0.00E+00	7.10E-05
68	ALL	463524.5	3773389	NonCancer	0.00E+00	2.60E-08	0.00E+00	1.84E-09	1.84E-09	8.67E-07	7.22E-05	0.00E+00	8.00E-08	0.00E+00	1.84E-09	2.97E-06	0.00E+00	0.00E+00	7.22E-05
69	ALL	463521.3	3773398	NonCancer	0.00E+00	2.65E-08	0.00E+00	1.87E-09	1.87E-09	8.82E-07	7.34E-05	0.00E+00	8.15E-08	0.00E+00	1.87E-09	3.02E-06	0.00E+00	0.00E+00	7.34E-05
70	ALL	463518.1	3773407	NonCancer	0.00E+00	2.69E-08	0.00E+00	1.90E-09	1.90E-09	8.98E-07	7.46E-05	0.00E+00	8.29E-08	0.00E+00	1.90E-09	3.07E-06	0.00E+00	0.00E+00	7.46E-05
71	ALL	463514.8	3773415	NonCancer	0.00E+00	2.74E-08	0.00E+00	1.94E-09	1.94E-09	9.14E-07	7.58E-05	0.00E+00	8.44E-08	0.00E+00	1.94E-09	3.13E-06	0.00E+00	0.00E+00	7.58E-05
72	ALL	463511.6	3773424	NonCancer	0.00E+00	2.79E-08	0.00E+00	1.97E-09	1.97E-09	9.31E-07	7.71E-05	0.00E+00	8.59E-08	0.00E+00	1.97E-09	3.19E-06	0.00E+00	0.00E+00	7.71E-05
73	ALL	463508.4	3773433	NonCancer	0.00E+00	2.84E-08	0.00E+00	2.01E-09	2.01E-09	9.48E-07	7.84E-05	0.00E+00	8.76E-08	0.00E+00	2.01E-09	3.25E-06	0.00E+00	0.00E+00	7.84E-05
74	ALL	463505.2	3773441	NonCancer	0.00E+00	2.90E-08	0.00E+00	2.05E-09	2.05E-09	9.67E-07	7.99E-05	0.00E+00	8.93E-08	0.00E+00	2.05E-09	3.31E-06	0.00E+00	0.00E+00	7.99E-05
75	ALL	463502	3773450	NonCancer	0.00E+00	2.96E-08	0.00E+00	2.09E-09	2.09E-09	9.88E-07	8.14E-05	0.00E+00	9.12E-08	0.00E+00	2.09E-09	3.38E-06	0.00E+00	0.00E+00	8.14E-05
76	ALL	463593	3773285	NonCancer	0.00E+00	1.60E-08	0.00E+00	1.13E-09	1.13E-09	5.35E-07	4.65E-05	0.00E+00	4.94E-08	0.00E+00	1.13E-09	1.83E-06	0.00E+00	0.00E+00	4.65E-05
77	ALL	463589.8	3773294	NonCancer	0.00E+00	1.65E-08	0.00E+00	1.17E-09	1.17E-09	5.51E-07	4.77E-05	0.00E+00	5.09E-08	0.00E+00	1.17E-09	1.89E-06	0.00E+00	0.00E+00	4.77E-05
78	ALL	463586.5	3773303	NonCancer	0.00E+00	1.70E-08	0.00E+00	1.20E-09	1.20E-09	5.67E-07	4.89E-05	0.00E+00	5.23E-08	0.00E+00	1.20E-09	1.94E-06	0.00E+00	0.00E+00	4.89E-05
79	ALL	463583.3	3773312	NonCancer	0.00E+00	1.75E-08	0.00E+00	1.24E-09	1.24E-09	5.83E-07	5.01E-05	0.00E+00	5.38E-08	0.00E+00	1.24E-09	2.00E-06	0.00E+00	0.00E+00	5.01E-05
80	ALL	463580.1	3773320	NonCancer	0.00E+00	1.80E-08	0.00E+00	1.27E-09	1.27E-09	5.99E-07	5.14E-05	0.00E+00	5.53E-08	0.00E+00	1.27E-09	2.05E-06	0.00E+00	0.00E+00	5.14E-05
81	ALL	463576.8	3773329	NonCancer	0.00E+00	1.84E-08	0.00E+00	1.30E-09	1.30E-09	6.15E-07	5.26E-05	0.00E+00	5.68E-08	0.00E+00	1.30E-09	2.10E-06	0.00E+00	0.00E+00	5.26E-05
82	ALL	463573.6	3773338	NonCancer	0.00E+00	1.89E-08	0.00E+00	1.34E-09	1.34E-09	6.30E-07	5.37E-05	0.00E+00	5.82E-08	0.00E+00	1.34E-09	2.16E-06	0.00E+00	0.00E+00	5.37E-05
83	ALL	463570.4	3773346	NonCancer	0.00E+00	1.93E-08	0.00E+00	1.37E-09	1.37E-09	6.45E-07	5.48E-05	0.00E+00	5.96E-08	0.00E+00	1.37E-09	2.21E-06	0.00E+00	0.00E+00	5.48E-05
84	ALL	463567.1	3773355	NonCancer	0.00E+00	1.98E-08	0.00E+00	1.40E-09	1.40E-09	6.59E-07	5.59E-05	0.00E+00	6.09E-08	0.00E+00	1.40E-09	2.26E-06	0.00E+00	0.00E+00	5.59E-05
85	ALL	463563.9	3773364	NonCancer	0.00E+00	2.02E-08	0.00E+00	1.43E-09	1.43E-09	6.73E-07	5.69E-05	0.00E+00	6.21E-08	0.00E+00	1.43E-09	2.30E-06	0.00E+00	0.00E+00	5.69E-05
86	ALL	463560.6	3773373	NonCancer	0.00E+00	2.06E-08	0.00E+00	1.45E-09	1.45E-09	6.86E-07	5.79E-05	0.00E+00	6.33E-08	0.00E+00	1.45E-09	2.35E-06	0.00E+00	0.00E+00	5.79E-05
87	ALL	463557.4	3773381	NonCancer	0.00E+00	2.09E-08	0.00E+00	1.48E-09	1.48E-09	6.98E-07	5.88E-05	0.00E+00	6.45E-08	0.00E+00	1.48E-09	2.39E-06	0.00E+00	0.00E+00	5.88E-05
88	ALL	463554.2	3773390	NonCancer	0.00E+00	2.13E-08	0.00E+00	1.50E-09	1.50E-09	7.10E-07	5.97E-05	0.00E+00	6.56E-08	0.00E+00	1.50E-09	2.43E-06	0.00E+00	0.00E+00	5.97E-05
89	ALL	463550.9	3773399	NonCancer	0.00E+00	2.16E-08	0.00E+00	1.53E-09	1.53E-09	7.21E-07	6.05E-05	0.00E+00	6.66E-08	0.00E+00	1.53E-09	2.47E-06	0.00E+00	0.00E+00	6.05E-05
90	ALL	463547.7	3773408	NonCancer	0.00E+00	2.20E-08	0.00E+00	1.55E-09	1.55E-09	7.32E-07	6.13E-05	0.00E+00	6.76E-08	0.00E+00	1.55E-09	2.51E-06	0.00E+00	0.00E+00	6.13E-05
91	ALL	463544.5	3773416	NonCancer	0.00E+00	2.23E-08	0.00E+00	1.57E-09	1.57E-09	7.43E-07	6.21E-05	0.00E+00	6.86E-08	0.00E+00	1.57E-09	2.54E-06	0.00E+00	0.00E+00	6.21E-05
92	ALL	463541.2	3773425	NonCancer	0.00E+00	2.26E-08	0.00E+00	1.60E-09	1.60E-09	7.54E-07	6.29E-05	0.00E+00	6.96E-08	0.00E+00	1.60E-09	2.58E-06	0.00E+00	0.00E+00	6.29E-05
93	ALL	463538	3773434	NonCancer	0.00E+00	2.29E-08	0.00E+00	1.62E-09	1.62E-09	7.65E-07	6.37E-05	0.00E+00	7.06E-08	0.00E+00	1.62E-09	2.62E-06	0.00E+00	0.00E+00	6.37E-05
94	ALL	463534.8	3773443	NonCancer	0.00E+00	2.33E-08	0.00E+00	1.64E-09	1.64E-09	7.76E-07	6.46E-05	0.00E+00	7.16E-08	0.00E+00	1.64E-09	2.65E-06	0.00E+00	0.00E+00	6.46E-05
95	ALL	463531.5	3773451	NonCancer	0.00E+00	2.36E-08	0.00E+00	1.67E-09	1.67E-09	7.87E-07	6.54E-05	0.00E+00	7.27E-08	0.00E+00	1.67E-09	2.69E-06	0.00E+00	0.00E+00	6.54E-05
96	ALL	463633	3773285	NonCancer	0.00E+00	1.32E-08	0.00E+00	9.32E-10	9.32E-10	4.40E-07	3.85E-05	0.00E+00	4.06E-08	0.00E+00	9.32E-10	1.51E-06	0.00E+00	0.00E+00	3.85E-05
97	ALL	463629.8	3773294	NonCancer	0.00E+00	1.35E-08	0.00E+00	9.55E-10	9.55E-10	4.51E-07	3.94E-05	0.00E+00	4.16E-08	0.00E+00	9.55E-10	1.54E-06	0.00E+00	0.00E+00	3.94E-05
98	ALL	463626.5	3773303	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.79E-10	9.79E-10	4.62E-07	4.03E-05	0.00E+00	4.27E-08	0.00E+00	9.79E-10	1.58E-06	0.00E+00	0.00E+00	4.03E-05
99	ALL	463623.3	3773311	NonCancer	0.00E+00	1.42E-08	0.00E+00	1.00E-09	1.00E-09	4.74E-07	4.12E-05	0.00E+00	4.37E-08	0.00E+00	1.00E-09	1.62E-06	0.00E+00	0.00E+00	4.12E-05
100	ALL	463620.1	3773320	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.03E-09	1.03E-09	4.85E-07	4.20E-05	0.00E+00	4.48E-08	0.00E+00	1.03E-09	1.66E-06	0.00E+00	0.00E+00	4.20E-05
101	ALL	463616.8	3773329	NonCancer	0.00E+00	1.49E-08	0.00E+00	1.05E-09	1.05E-09	4.96E-07	4.29E-05	0.00E+00	4.58E-08	0.00E+00	1.05E-09	1.70E-06	0.00E+00	0.00E+00	4.29E-05
102	ALL	463613.6	3773338	NonCancer	0.00E+00	1.52E-08	0.00E+00	1.08E-09	1.08E-09	5.08E-07	4.38E-05	0.00E+00	4.69E-08	0.00E+00	1.08E-09	1.74E-06	0.00E+00	0.00E+00	4.38E-05
103	ALL	463610.4	3773346	NonCancer	0.00E+00	1.56E-08	0.00E+00	1.10E-09	1.10E-09	5.19E-07	4.46E-05	0.00E+00	4.79E-08	0.00E+00	1.10E-09	1.78E-06	0.00E+00	0.00E+00	4.46E-05
104	ALL	463607.1	3773355	NonCancer	0.00E+00	1.59E-08	0.00E+00	1.12E-09	1.12E-09	5.29E-07	4.54E-05	0.00E+00	4.89E-08	0.00E+00	1.12E-09	1.81E-06	0.00E+00	0.00E+00	4.54E-05
105	ALL	463603.9	3773364	NonCancer	0.00E+00	1.62E-08	0.00E+00	1.14E-09	1.14E-09	5.40E-07	4.62E-05	0.00E+00	4.98E-08	0.00E+00	1.14E-09	1.85E-06	0.00E+00	0.00E+00	4.62E-05
106	ALL	463600.6	3773373	NonCancer	0.00E+00	1.65E-08	0.00E+00	1.16E-09	1.16E-09	5.50E-07	4.69E-05	0.00E+00	5.07E-08	0.00E+00	1.16E-09	1.88E-06	0.00E+00	0.00E+00	4.69E-05

107	ALL	463597.4	3773381	NonCancer	0.00E+00	1.68E-08	0.00E+00	1.18E-09	1.18E-09	5.59E-07	4.76E-05	0.00E+00	5.16E-08	0.00E+00	1.18E-09	1.91E-06	0.00E+00	0.00E+00	4.76E-05
108	ALL	463594.2	3773390	NonCancer	0.00E+00	1.70E-08	0.00E+00	1.20E-09	1.20E-09	5.68E-07	4.83E-05	0.00E+00	5.24E-08	0.00E+00	1.20E-09	1.94E-06	0.00E+00	0.00E+00	4.83E-05
109	ALL	463590.9	3773399	NonCancer	0.00E+00	1.73E-08	0.00E+00	1.22E-09	1.22E-09	5.76E-07	4.89E-05	0.00E+00	5.32E-08	0.00E+00	1.22E-09	1.97E-06	0.00E+00	0.00E+00	4.89E-05
110	ALL	463587.7	3773408	NonCancer	0.00E+00	1.75E-08	0.00E+00	1.24E-09	1.24E-09	5.85E-07	4.95E-05	0.00E+00	5.40E-08	0.00E+00	1.24E-09	2.00E-06	0.00E+00	0.00E+00	4.95E-05
111	ALL	463584.5	3773416	NonCancer	0.00E+00	1.78E-08	0.00E+00	1.26E-09	1.26E-09	5.92E-07	5.01E-05	0.00E+00	5.47E-08	0.00E+00	1.26E-09	2.03E-06	0.00E+00	0.00E+00	5.01E-05
112	ALL	463581.2	3773425	NonCancer	0.00E+00	1.80E-08	0.00E+00	1.27E-09	1.27E-09	6.00E-07	5.06E-05	0.00E+00	5.54E-08	0.00E+00	1.27E-09	2.05E-06	0.00E+00	0.00E+00	5.06E-05
113	ALL	463578	3773434	NonCancer	0.00E+00	1.82E-08	0.00E+00	1.29E-09	1.29E-09	6.07E-07	5.11E-05	0.00E+00	5.60E-08	0.00E+00	1.29E-09	2.08E-06	0.00E+00	0.00E+00	5.11E-05
114	ALL	463574.8	3773442	NonCancer	0.00E+00	1.84E-08	0.00E+00	1.30E-09	1.30E-09	6.14E-07	5.17E-05	0.00E+00	5.67E-08	0.00E+00	1.30E-09	2.10E-06	0.00E+00	0.00E+00	5.17E-05
115	ALL	463673	3773285	NonCancer	0.00E+00	1.11E-08	0.00E+00	7.87E-10	7.87E-10	3.72E-07	3.28E-05	0.00E+00	3.43E-08	0.00E+00	7.87E-10	1.27E-06	0.00E+00	0.00E+00	3.28E-05
116	ALL	463669.8	3773294	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.05E-10	8.05E-10	3.80E-07	3.35E-05	0.00E+00	3.51E-08	0.00E+00	8.05E-10	1.30E-06	0.00E+00	0.00E+00	3.35E-05
117	ALL	463666.5	3773303	NonCancer	0.00E+00	1.16E-08	0.00E+00	8.23E-10	8.23E-10	3.88E-07	3.41E-05	0.00E+00	3.58E-08	0.00E+00	8.23E-10	1.33E-06	0.00E+00	0.00E+00	3.41E-05
118	ALL	463663.3	3773311	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.41E-10	8.41E-10	3.97E-07	3.48E-05	0.00E+00	3.66E-08	0.00E+00	8.41E-10	1.36E-06	0.00E+00	0.00E+00	3.48E-05
119	ALL	463660.1	3773320	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.59E-10	8.59E-10	4.05E-07	3.54E-05	0.00E+00	3.74E-08	0.00E+00	8.59E-10	1.39E-06	0.00E+00	0.00E+00	3.54E-05
120	ALL	463656.8	3773329	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.77E-10	8.77E-10	4.14E-07	3.61E-05	0.00E+00	3.82E-08	0.00E+00	8.77E-10	1.42E-06	0.00E+00	0.00E+00	3.61E-05
121	ALL	463653.6	3773338	NonCancer	0.00E+00	1.27E-08	0.00E+00	8.95E-10	8.95E-10	4.22E-07	3.68E-05	0.00E+00	3.90E-08	0.00E+00	8.95E-10	1.45E-06	0.00E+00	0.00E+00	3.68E-05
122	ALL	463650.4	3773346	NonCancer	0.00E+00	1.29E-08	0.00E+00	9.13E-10	9.13E-10	4.31E-07	3.74E-05	0.00E+00	3.98E-08	0.00E+00	9.13E-10	1.47E-06	0.00E+00	0.00E+00	3.74E-05
123	ALL	463647.1	3773355	NonCancer	0.00E+00	1.32E-08	0.00E+00	9.30E-10	9.30E-10	4.39E-07	3.80E-05	0.00E+00	4.05E-08	0.00E+00	9.30E-10	1.50E-06	0.00E+00	0.00E+00	3.80E-05
124	ALL	463643.9	3773364	NonCancer	0.00E+00	1.34E-08	0.00E+00	9.47E-10	9.47E-10	4.47E-07	3.86E-05	0.00E+00	4.13E-08	0.00E+00	9.47E-10	1.53E-06	0.00E+00	0.00E+00	3.86E-05
125	ALL	463640.6	3773373	NonCancer	0.00E+00	1.36E-08	0.00E+00	9.64E-10	9.64E-10	4.55E-07	3.92E-05	0.00E+00	4.20E-08	0.00E+00	9.64E-10	1.56E-06	0.00E+00	0.00E+00	3.92E-05
126	ALL	463637.4	3773381	NonCancer	0.00E+00	1.39E-08	0.00E+00	9.80E-10	9.80E-10	4.62E-07	3.98E-05	0.00E+00	4.27E-08	0.00E+00	9.80E-10	1.58E-06	0.00E+00	0.00E+00	3.98E-05
127	ALL	463634.2	3773390	NonCancer	0.00E+00	1.41E-08	0.00E+00	9.95E-10	9.95E-10	4.70E-07	4.03E-05	0.00E+00	4.33E-08	0.00E+00	9.95E-10	1.61E-06	0.00E+00	0.00E+00	4.03E-05
128	ALL	463630.9	3773399	NonCancer	0.00E+00	1.43E-08	0.00E+00	1.01E-09	1.01E-09	4.76E-07	4.08E-05	0.00E+00	4.40E-08	0.00E+00	1.01E-09	1.63E-06	0.00E+00	0.00E+00	4.08E-05
129	ALL	463627.7	3773407	NonCancer	0.00E+00	1.45E-08	0.00E+00	1.02E-09	1.02E-09	4.83E-07	4.13E-05	0.00E+00	4.46E-08	0.00E+00	1.02E-09	1.65E-06	0.00E+00	0.00E+00	4.13E-05
130	ALL	463624.5	3773416	NonCancer	0.00E+00	1.47E-08	0.00E+00	1.04E-09	1.04E-09	4.89E-07	4.18E-05	0.00E+00	4.52E-08	0.00E+00	1.04E-09	1.67E-06	0.00E+00	0.00E+00	4.18E-05
131	ALL	463621.2	3773425	NonCancer	0.00E+00	1.48E-08	0.00E+00	1.05E-09	1.05E-09	4.95E-07	4.22E-05	0.00E+00	4.57E-08	0.00E+00	1.05E-09	1.69E-06	0.00E+00	0.00E+00	4.22E-05
132	ALL	463618	3773434	NonCancer	0.00E+00	1.50E-08	0.00E+00	1.06E-09	1.06E-09	5.01E-07	4.26E-05	0.00E+00	4.62E-08	0.00E+00	1.06E-09	1.71E-06	0.00E+00	0.00E+00	4.26E-05
133	ALL	463614.8	3773442	NonCancer	0.00E+00	1.52E-08	0.00E+00	1.07E-09	1.07E-09	5.06E-07	4.30E-05	0.00E+00	4.67E-08	0.00E+00	1.07E-09	1.73E-06	0.00E+00	0.00E+00	4.30E-05
134	ALL	463713	3773285	NonCancer	0.00E+00	9.61E-09	0.00E+00	6.79E-10	6.79E-10	3.20E-07	2.85E-05	0.00E+00	2.96E-08	0.00E+00	6.79E-10	1.10E-06	0.00E+00	0.00E+00	2.85E-05
135	ALL	463709.8	3773294	NonCancer	0.00E+00	9.80E-09	0.00E+00	6.92E-10	6.92E-10	3.27E-07	2.90E-05	0.00E+00	3.02E-08	0.00E+00	6.92E-10	1.12E-06	0.00E+00	0.00E+00	2.90E-05
136	ALL	463706.5	3773303	NonCancer	0.00E+00	9.99E-09	0.00E+00	7.06E-10	7.06E-10	3.33E-07	2.95E-05	0.00E+00	3.08E-08	0.00E+00	7.06E-10	1.14E-06	0.00E+00	0.00E+00	2.95E-05
137	ALL	463703.3	3773311	NonCancer	0.00E+00	1.02E-08	0.00E+00	7.20E-10	7.20E-10	3.40E-07	3.00E-05	0.00E+00	3.14E-08	0.00E+00	7.20E-10	1.16E-06	0.00E+00	0.00E+00	3.00E-05
138	ALL	463700.1	3773320	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.34E-10	7.34E-10	3.46E-07	3.05E-05	0.00E+00	3.20E-08	0.00E+00	7.34E-10	1.19E-06	0.00E+00	0.00E+00	3.05E-05
139	ALL	463696.8	3773329	NonCancer	0.00E+00	1.06E-08	0.00E+00	7.48E-10	7.48E-10	3.53E-07	3.10E-05	0.00E+00	3.26E-08	0.00E+00	7.48E-10	1.21E-06	0.00E+00	0.00E+00	3.10E-05
140	ALL	463693.6	3773337	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.62E-10	7.62E-10	3.60E-07	3.15E-05	0.00E+00	3.32E-08	0.00E+00	7.62E-10	1.23E-06	0.00E+00	0.00E+00	3.15E-05
141	ALL	463690.4	3773346	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.76E-10	7.76E-10	3.66E-07	3.20E-05	0.00E+00	3.38E-08	0.00E+00	7.76E-10	1.25E-06	0.00E+00	0.00E+00	3.20E-05
142	ALL	463687.1	3773355	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.89E-10	7.89E-10	3.73E-07	3.25E-05	0.00E+00	3.44E-08	0.00E+00	7.89E-10	1.28E-06	0.00E+00	0.00E+00	3.25E-05
143	ALL	463683.9	3773364	NonCancer	0.00E+00	1.14E-08	0.00E+00	8.03E-10	8.03E-10	3.79E-07	3.30E-05	0.00E+00	3.50E-08	0.00E+00	8.03E-10	1.30E-06	0.00E+00	0.00E+00	3.30E-05
144	ALL	463680.6	3773372	NonCancer	0.00E+00	1.16E-08	0.00E+00	8.16E-10	8.16E-10	3.85E-07	3.35E-05	0.00E+00	3.56E-08	0.00E+00	8.16E-10	1.32E-06	0.00E+00	0.00E+00	3.35E-05
145	ALL	463677.4	3773381	NonCancer	0.00E+00	1.17E-08	0.00E+00	8.29E-10	8.29E-10	3.91E-07	3.40E-05	0.00E+00	3.61E-08	0.00E+00	8.29E-10	1.34E-06	0.00E+00	0.00E+00	3.40E-05
146	ALL	463674.2	3773390	NonCancer	0.00E+00	1.19E-08	0.00E+00	8.42E-10	8.42E-10	3.97E-07	3.44E-05	0.00E+00	3.67E-08	0.00E+00	8.42E-10	1.36E-06	0.00E+00	0.00E+00	3.44E-05
147	ALL	463670.9	3773399	NonCancer	0.00E+00	1.21E-08	0.00E+00	8.54E-10	8.54E-10	4.03E-07	3.48E-05	0.00E+00	3.72E-08	0.00E+00	8.54E-10	1.38E-06	0.00E+00	0.00E+00	3.48E-05
148	ALL	463667.7	3773407	NonCancer	0.00E+00	1.22E-08	0.00E+00	8.65E-10	8.65E-10	4.08E-07	3.52E-05	0.00E+00	3.77E-08	0.00E+00	8.65E-10	1.40E-06	0.00E+00	0.00E+00	3.52E-05
149	ALL	463664.5	3773416	NonCancer	0.00E+00	1.24E-08	0.00E+00	8.76E-10	8.76E-10	4.14E-07	3.56E-05	0.00E+00	3.82E-08	0.00E+00	8.76E-10	1.42E-06	0.00E+00	0.00E+00	3.56E-05
150	ALL	463661.2	3773425	NonCancer	0.00E+00	1.26E-08	0.00E+00	8.87E-10	8.87E-10	4.19E-07	3.60E-05	0.00E+00	3.86E-08	0.00E+00	8.87E-10	1.43E-06	0.00E+00	0.00E+00	3.60E-05
151	ALL	463658	3773434	NonCancer	0.00E+00	1.27E-08	0.00E+00	8.97E-10	8.97E-10	4.23E-07	3.63E-05	0.00E+00	3.91E-08	0.00E+00	8.97E-10	1.45E-06	0.00E+00	0.00E+00	3.63E-05
152	ALL	463654.8	3773442	NonCancer	0.00E+00	1.28E-08	0.00E+00	9.07E-10	9.07E-10	4.28E-07	3.67E-05	0.00E+00	3.95E-08	0.00E+00	9.07E-10	1.46E-06	0.00E+00	0.00E+00	3.67E-05
153	ALL	463753	3773285	NonCancer	0.00E+00	8.41E-09	0.00E+00	5.95E-10	5.95E-10	2.81E-07	2.51E-05	0.00E+00	2.59E-08	0.00E+00	5.95E-10	9.60E-07	0.00E+00	0.00E+00	2.51E-05
154	ALL	463749.8	3773294	NonCancer	0.00E+00	8.56E-09	0.00E+00	6.05E-10	6.05E-10	2.86E-07	2.55E-05	0.00E+00	2.64E-08	0.00E+00	6.05E-10	9.78E-07	0.00E+00	0.00E+00	2.55E-05
155	ALL	463746.5	3773302	NonCancer	0.00E+00	8.72E-09	0.00E+00	6.16E-10	6.16E-10	2.91E-07	2.59E-05	0.00E+00	2.68E-08	0.00E+00	6.16E-10	9.95E-07	0.00E+00	0.00E+00	2.59E-05
156	ALL	463743.3	3773311	NonCancer	0.00E+00	8.87E-09	0.00E+00	6.27E-10	6.27E-10	2.96E-07	2.63E-05	0.00E+00	2.73E-08	0.00E+00	6.27E-10	1.01E-06	0.00E+00	0.00E+00	2.63E-05
157	ALL	463740.1	3773320	NonCancer	0.00E+00	9.03E-09	0.00E+00	6.38E-10	6.38E-10	3.01E-07	2.67E-05	0.00E+00	2.78E-08	0.00E+00	6.38E-10	1.03E-06	0.00E+00	0.00E+00	2.67E-05
158	ALL	463736.8	3773329	NonCancer	0.00E+00	9.19E-09	0.00E+00	6.49E-10	6.49E-10	3.06E-07	2.71E-05	0.00E+00	2.83E-08	0.00E+00	6.49E-10	1.05E-06	0.00E+00	0.00E+00	2.71E-05
159	ALL	463733.6	3773337	NonCancer	0.00E+00	9.34E-09	0.00E+00	6.60E-10	6.60E-10	3.12E-07	2.75E-05	0.00E+00	2.88E-08	0.00E+00	6.60E-10	1.07E-06	0.00E+00	0.00E+00	2.75E-05
160	ALL	463730.4	3773346	NonCancer	0.00E+00	9.50E-09	0.00E+00	6.72E-10	6.72E-10	3.17E-07	2.79E-05	0.00E+00	2.93E-08	0.00E+00	6.72E-10	1.08E-06	0.00E+00	0.00E+00	2.79E-05

161	ALL	463727.1	3773355	NonCancer	0.00E+00	9.66E-09	0.00E+00	6.83E-10	6.83E-10	3.22E-07	2.83E-05	0.00E+00	2.97E-08	0.00E+00	6.83E-10	1.10E-06	0.00E+00	0.00E+00	2.83E-05
162	ALL	463723.9	3773364	NonCancer	0.00E+00	9.82E-09	0.00E+00	6.94E-10	6.94E-10	3.27E-07	2.87E-05	0.00E+00	3.02E-08	0.00E+00	6.94E-10	1.12E-06	0.00E+00	0.00E+00	2.87E-05
163	ALL	463720.6	3773372	NonCancer	0.00E+00	9.97E-09	0.00E+00	7.05E-10	7.05E-10	3.32E-07	2.91E-05	0.00E+00	3.07E-08	0.00E+00	7.05E-10	1.14E-06	0.00E+00	0.00E+00	2.91E-05
164	ALL	463717.4	3773381	NonCancer	0.00E+00	1.01E-08	0.00E+00	7.15E-10	7.15E-10	3.37E-07	2.95E-05	0.00E+00	3.12E-08	0.00E+00	7.15E-10	1.16E-06	0.00E+00	0.00E+00	2.95E-05
165	ALL	463714.2	3773390	NonCancer	0.00E+00	1.03E-08	0.00E+00	7.25E-10	7.25E-10	3.42E-07	2.99E-05	0.00E+00	3.16E-08	0.00E+00	7.25E-10	1.17E-06	0.00E+00	0.00E+00	2.99E-05
166	ALL	463710.9	3773399	NonCancer	0.00E+00	1.04E-08	0.00E+00	7.35E-10	7.35E-10	3.47E-07	3.02E-05	0.00E+00	3.20E-08	0.00E+00	7.35E-10	1.19E-06	0.00E+00	0.00E+00	3.02E-05
167	ALL	463707.7	3773407	NonCancer	0.00E+00	1.05E-08	0.00E+00	7.45E-10	7.45E-10	3.52E-07	3.06E-05	0.00E+00	3.25E-08	0.00E+00	7.45E-10	1.20E-06	0.00E+00	0.00E+00	3.06E-05
168	ALL	463704.5	3773416	NonCancer	0.00E+00	1.07E-08	0.00E+00	7.54E-10	7.54E-10	3.56E-07	3.09E-05	0.00E+00	3.29E-08	0.00E+00	7.54E-10	1.22E-06	0.00E+00	0.00E+00	3.09E-05
169	ALL	463701.2	3773425	NonCancer	0.00E+00	1.08E-08	0.00E+00	7.63E-10	7.63E-10	3.60E-07	3.12E-05	0.00E+00	3.33E-08	0.00E+00	7.63E-10	1.23E-06	0.00E+00	0.00E+00	3.12E-05
170	ALL	463698	3773433	NonCancer	0.00E+00	1.09E-08	0.00E+00	7.72E-10	7.72E-10	3.64E-07	3.15E-05	0.00E+00	3.36E-08	0.00E+00	7.72E-10	1.25E-06	0.00E+00	0.00E+00	3.15E-05
171	ALL	463694.8	3773442	NonCancer	0.00E+00	1.10E-08	0.00E+00	7.80E-10	7.80E-10	3.68E-07	3.18E-05	0.00E+00	3.40E-08	0.00E+00	7.80E-10	1.26E-06	0.00E+00	0.00E+00	3.18E-05
172	ALL	463691.5	3773451	NonCancer	0.00E+00	1.12E-08	0.00E+00	7.88E-10	7.88E-10	3.72E-07	3.21E-05	0.00E+00	3.43E-08	0.00E+00	7.88E-10	1.27E-06	0.00E+00	0.00E+00	3.21E-05
173	ALL	463793	3773285	NonCancer	0.00E+00	7.46E-09	0.00E+00	5.27E-10	5.27E-10	2.49E-07	2.23E-05	0.00E+00	2.30E-08	0.00E+00	5.27E-10	8.51E-07	0.00E+00	0.00E+00	2.23E-05
174	ALL	463789.8	3773294	NonCancer	0.00E+00	7.58E-09	0.00E+00	5.36E-10	5.36E-10	2.53E-07	2.26E-05	0.00E+00	2.33E-08	0.00E+00	5.36E-10	8.65E-07	0.00E+00	0.00E+00	2.26E-05
175	ALL	463786.5	3773302	NonCancer	0.00E+00	7.70E-09	0.00E+00	5.44E-10	5.44E-10	2.57E-07	2.30E-05	0.00E+00	2.37E-08	0.00E+00	5.44E-10	8.79E-07	0.00E+00	0.00E+00	2.30E-05
176	ALL	463783.3	3773311	NonCancer	0.00E+00	7.83E-09	0.00E+00	5.53E-10	5.53E-10	2.61E-07	2.33E-05	0.00E+00	2.41E-08	0.00E+00	5.53E-10	8.94E-07	0.00E+00	0.00E+00	2.33E-05
177	ALL	463780.1	3773320	NonCancer	0.00E+00	7.96E-09	0.00E+00	5.62E-10	5.62E-10	2.65E-07	2.36E-05	0.00E+00	2.45E-08	0.00E+00	5.62E-10	9.08E-07	0.00E+00	0.00E+00	2.36E-05
178	ALL	463776.8	3773329	NonCancer	0.00E+00	8.09E-09	0.00E+00	5.71E-10	5.71E-10	2.70E-07	2.40E-05	0.00E+00	2.49E-08	0.00E+00	5.71E-10	9.23E-07	0.00E+00	0.00E+00	2.40E-05
179	ALL	463773.6	3773337	NonCancer	0.00E+00	8.21E-09	0.00E+00	5.80E-10	5.80E-10	2.74E-07	2.43E-05	0.00E+00	2.53E-08	0.00E+00	5.80E-10	9.37E-07	0.00E+00	0.00E+00	2.43E-05
180	ALL	463770.4	3773346	NonCancer	0.00E+00	8.34E-09	0.00E+00	5.89E-10	5.89E-10	2.78E-07	2.47E-05	0.00E+00	2.57E-08	0.00E+00	5.89E-10	9.52E-07	0.00E+00	0.00E+00	2.47E-05
181	ALL	463767.1	3773355	NonCancer	0.00E+00	8.47E-09	0.00E+00	5.99E-10	5.99E-10	2.82E-07	2.50E-05	0.00E+00	2.61E-08	0.00E+00	5.99E-10	9.67E-07	0.00E+00	0.00E+00	2.50E-05
182	ALL	463763.9	3773364	NonCancer	0.00E+00	8.60E-09	0.00E+00	6.08E-10	6.08E-10	2.87E-07	2.53E-05	0.00E+00	2.65E-08	0.00E+00	6.08E-10	9.81E-07	0.00E+00	0.00E+00	2.53E-05
183	ALL	463760.6	3773372	NonCancer	0.00E+00	8.72E-09	0.00E+00	6.16E-10	6.16E-10	2.91E-07	2.57E-05	0.00E+00	2.69E-08	0.00E+00	6.16E-10	9.96E-07	0.00E+00	0.00E+00	2.57E-05
184	ALL	463757.4	3773381	NonCancer	0.00E+00	8.85E-09	0.00E+00	6.25E-10	6.25E-10	2.95E-07	2.60E-05	0.00E+00	2.72E-08	0.00E+00	6.25E-10	1.01E-06	0.00E+00	0.00E+00	2.60E-05
185	ALL	463754.2	3773390	NonCancer	0.00E+00	8.97E-09	0.00E+00	6.34E-10	6.34E-10	2.99E-07	2.63E-05	0.00E+00	2.76E-08	0.00E+00	6.34E-10	1.02E-06	0.00E+00	0.00E+00	2.63E-05
186	ALL	463750.9	3773398	NonCancer	0.00E+00	9.09E-09	0.00E+00	6.42E-10	6.42E-10	3.03E-07	2.66E-05	0.00E+00	2.80E-08	0.00E+00	6.42E-10	1.04E-06	0.00E+00	0.00E+00	2.66E-05
187	ALL	463747.7	3773407	NonCancer	0.00E+00	9.21E-09	0.00E+00	6.51E-10	6.51E-10	3.07E-07	2.69E-05	0.00E+00	2.83E-08	0.00E+00	6.51E-10	1.05E-06	0.00E+00	0.00E+00	2.69E-05
188	ALL	463744.5	3773416	NonCancer	0.00E+00	9.32E-09	0.00E+00	6.59E-10	6.59E-10	3.11E-07	2.72E-05	0.00E+00	2.87E-08	0.00E+00	6.59E-10	1.06E-06	0.00E+00	0.00E+00	2.72E-05
189	ALL	463741.2	3773425	NonCancer	0.00E+00	9.43E-09	0.00E+00	6.66E-10	6.66E-10	3.14E-07	2.74E-05	0.00E+00	2.90E-08	0.00E+00	6.66E-10	1.08E-06	0.00E+00	0.00E+00	2.74E-05
190	ALL	463738	3773433	NonCancer	0.00E+00	9.53E-09	0.00E+00	6.74E-10	6.74E-10	3.18E-07	2.77E-05	0.00E+00	2.94E-08	0.00E+00	6.74E-10	1.09E-06	0.00E+00	0.00E+00	2.77E-05
191	ALL	463734.8	3773442	NonCancer	0.00E+00	9.63E-09	0.00E+00	6.81E-10	6.81E-10	3.21E-07	2.80E-05	0.00E+00	2.97E-08	0.00E+00	6.81E-10	1.10E-06	0.00E+00	0.00E+00	2.80E-05
192	ALL	463731.5	3773451	NonCancer	0.00E+00	9.73E-09	0.00E+00	6.88E-10	6.88E-10	3.24E-07	2.82E-05	0.00E+00	3.00E-08	0.00E+00	6.88E-10	1.11E-06	0.00E+00	0.00E+00	2.82E-05
193	ALL	463833	3773285	NonCancer	0.00E+00	6.68E-09	0.00E+00	4.72E-10	4.72E-10	2.23E-07	2.00E-05	0.00E+00	2.06E-08	0.00E+00	4.72E-10	7.62E-07	0.00E+00	0.00E+00	2.00E-05
194	ALL	463829.8	3773294	NonCancer	0.00E+00	6.78E-09	0.00E+00	4.79E-10	4.79E-10	2.26E-07	2.03E-05	0.00E+00	2.09E-08	0.00E+00	4.79E-10	7.73E-07	0.00E+00	0.00E+00	2.03E-05
195	ALL	463826.5	3773302	NonCancer	0.00E+00	6.88E-09	0.00E+00	4.86E-10	4.86E-10	2.29E-07	2.06E-05	0.00E+00	2.12E-08	0.00E+00	4.86E-10	7.85E-07	0.00E+00	0.00E+00	2.06E-05
196	ALL	463823.3	3773311	NonCancer	0.00E+00	6.98E-09	0.00E+00	4.93E-10	4.93E-10	2.33E-07	2.09E-05	0.00E+00	2.15E-08	0.00E+00	4.93E-10	7.97E-07	0.00E+00	0.00E+00	2.09E-05
197	ALL	463820.1	3773320	NonCancer	0.00E+00	7.09E-09	0.00E+00	5.01E-10	5.01E-10	2.36E-07	2.11E-05	0.00E+00	2.18E-08	0.00E+00	5.01E-10	8.09E-07	0.00E+00	0.00E+00	2.11E-05
198	ALL	463816.8	3773329	NonCancer	0.00E+00	7.19E-09	0.00E+00	5.08E-10	5.08E-10	2.40E-07	2.14E-05	0.00E+00	2.21E-08	0.00E+00	5.08E-10	8.21E-07	0.00E+00	0.00E+00	2.14E-05
199	ALL	463813.6	3773337	NonCancer	0.00E+00	7.30E-09	0.00E+00	5.16E-10	5.16E-10	2.43E-07	2.17E-05	0.00E+00	2.25E-08	0.00E+00	5.16E-10	8.33E-07	0.00E+00	0.00E+00	2.17E-05
200	ALL	463810.4	3773346	NonCancer	0.00E+00	7.40E-09	0.00E+00	5.23E-10	5.23E-10	2.47E-07	2.20E-05	0.00E+00	2.28E-08	0.00E+00	5.23E-10	8.45E-07	0.00E+00	0.00E+00	2.20E-05
201	ALL	463807.1	3773355	NonCancer	0.00E+00	7.51E-09	0.00E+00	5.31E-10	5.31E-10	2.50E-07	2.23E-05	0.00E+00	2.31E-08	0.00E+00	5.31E-10	8.57E-07	0.00E+00	0.00E+00	2.23E-05
202	ALL	463803.9	3773363	NonCancer	0.00E+00	7.62E-09	0.00E+00	5.38E-10	5.38E-10	2.54E-07	2.26E-05	0.00E+00	2.35E-08	0.00E+00	5.38E-10	8.69E-07	0.00E+00	0.00E+00	2.26E-05
203	ALL	463800.6	3773372	NonCancer	0.00E+00	7.72E-09	0.00E+00	5.46E-10	5.46E-10	2.58E-07	2.28E-05	0.00E+00	2.38E-08	0.00E+00	5.46E-10	8.82E-07	0.00E+00	0.00E+00	2.28E-05
204	ALL	463797.4	3773381	NonCancer	0.00E+00	7.83E-09	0.00E+00	5.53E-10	5.53E-10	2.61E-07	2.31E-05	0.00E+00	2.41E-08	0.00E+00	5.53E-10	8.94E-07	0.00E+00	0.00E+00	2.31E-05
205	ALL	463794.2	3773390	NonCancer	0.00E+00	7.93E-09	0.00E+00	5.61E-10	5.61E-10	2.65E-07	2.34E-05	0.00E+00	2.44E-08	0.00E+00	5.61E-10	9.05E-07	0.00E+00	0.00E+00	2.34E-05
206	ALL	463790.9	3773398	NonCancer	0.00E+00	8.03E-09	0.00E+00	5.68E-10	5.68E-10	2.68E-07	2.36E-05	0.00E+00	2.47E-08	0.00E+00	5.68E-10	9.17E-07	0.00E+00	0.00E+00	2.36E-05
207	ALL	463787.7	3773407	NonCancer	0.00E+00	8.13E-09	0.00E+00	5.75E-10	5.75E-10	2.71E-07	2.39E-05	0.00E+00	2.50E-08	0.00E+00	5.75E-10	9.28E-07	0.00E+00	0.00E+00	2.39E-05
208	ALL	463784.5	3773416	NonCancer	0.00E+00	8.23E-09	0.00E+00	5.81E-10	5.81E-10	2.74E-07	2.41E-05	0.00E+00	2.53E-08	0.00E+00	5.81E-10	9.39E-07	0.00E+00	0.00E+00	2.41E-05
209	ALL	463781.2	3773425	NonCancer	0.00E+00	8.32E-09	0.00E+00	5.88E-10	5.88E-10	2.78E-07	2.44E-05	0.00E+00	2.56E-08	0.00E+00	5.88E-10	9.50E-07	0.00E+00	0.00E+00	2.44E-05
210	ALL	463778	3773433	NonCancer	0.00E+00	8.41E-09	0.00E+00	5.95E-10	5.95E-10	2.81E-07	2.46E-05	0.00E+00	2.59E-08	0.00E+00	5.95E-10	9.60E-07	0.00E+00	0.00E+00	2.46E-05
211	ALL	463774.8	3773442	NonCancer	0.00E+00	8.50E-09	0.00E+00	6.01E-10	6.01E-10	2.84E-07	2.48E-05	0.00E+00	2.62E-08	0.00E+00	6.01E-10	9.70E-07	0.00E+00	0.00E+00	2.48E-05
212	ALL	463771.5	3773451	NonCancer	0.00E+00	8.59E-09	0.00E+00	6.07E-10	6.07E-10	2.86E-07	2.50E-05	0.00E+00	2.64E-08	0.00E+00	6.07E-10	9.80E-07	0.00E+00	0.00E+00	2.50E-05
213	ALL	463873	3773285	NonCancer	0.00E+00	6.03E-09	0.00E+00	4.26E-10	4.26E-10	2.01E-07	1.81E-05	0.00E+00	1.86E-08	0.00E+00	4.26E-10	6.88E-07	0.00E+00	0.00E+00	1.81E-05
214	ALL	463869.8	3773294	NonCancer	0.00E+00	6.11E-09	0.00E+00	4.32E-10	4.32E-10	2.04E-07	1.84E-05	0.00E+00	1.88E-08	0.00E+00	4.32E-10	6.97E-07	0.00E+00	0.00E+00	1.84E-05

215	ALL	463866.5	3773302	NonCancer	0.00E+00	6.20E-09	0.00E+00	4.38E-10	4.38E-10	2.07E-07	1.86E-05	0.00E+00	1.91E-08	0.00E+00	4.38E-10	7.07E-07	0.00E+00	0.00E+00	1.86E-05
216	ALL	463863.3	3773311	NonCancer	0.00E+00	6.28E-09	0.00E+00	4.44E-10	4.44E-10	2.09E-07	1.88E-05	0.00E+00	1.93E-08	0.00E+00	4.44E-10	7.17E-07	0.00E+00	0.00E+00	1.88E-05
217	ALL	463860.1	3773320	NonCancer	0.00E+00	6.37E-09	0.00E+00	4.50E-10	4.50E-10	2.12E-07	1.91E-05	0.00E+00	1.96E-08	0.00E+00	4.50E-10	7.27E-07	0.00E+00	0.00E+00	1.91E-05
218	ALL	463856.8	3773328	NonCancer	0.00E+00	6.46E-09	0.00E+00	4.56E-10	4.56E-10	2.15E-07	1.93E-05	0.00E+00	1.99E-08	0.00E+00	4.56E-10	7.37E-07	0.00E+00	0.00E+00	1.93E-05
219	ALL	463853.6	3773337	NonCancer	0.00E+00	6.55E-09	0.00E+00	4.63E-10	4.63E-10	2.18E-07	1.96E-05	0.00E+00	2.02E-08	0.00E+00	4.63E-10	7.47E-07	0.00E+00	0.00E+00	1.96E-05
220	ALL	463850.4	3773346	NonCancer	0.00E+00	6.64E-09	0.00E+00	4.69E-10	4.69E-10	2.21E-07	1.98E-05	0.00E+00	2.04E-08	0.00E+00	4.69E-10	7.57E-07	0.00E+00	0.00E+00	1.98E-05
221	ALL	463847.1	3773355	NonCancer	0.00E+00	6.73E-09	0.00E+00	4.75E-10	4.75E-10	2.24E-07	2.00E-05	0.00E+00	2.07E-08	0.00E+00	4.75E-10	7.68E-07	0.00E+00	0.00E+00	2.00E-05
222	ALL	463843.9	3773363	NonCancer	0.00E+00	6.81E-09	0.00E+00	4.82E-10	4.82E-10	2.27E-07	2.03E-05	0.00E+00	2.10E-08	0.00E+00	4.82E-10	7.78E-07	0.00E+00	0.00E+00	2.03E-05
223	ALL	463840.6	3773372	NonCancer	0.00E+00	6.90E-09	0.00E+00	4.88E-10	4.88E-10	2.30E-07	2.05E-05	0.00E+00	2.13E-08	0.00E+00	4.88E-10	7.88E-07	0.00E+00	0.00E+00	2.05E-05
224	ALL	463837.4	3773381	NonCancer	0.00E+00	6.99E-09	0.00E+00	4.94E-10	4.94E-10	2.33E-07	2.07E-05	0.00E+00	2.15E-08	0.00E+00	4.94E-10	7.98E-07	0.00E+00	0.00E+00	2.07E-05
225	ALL	463834.2	3773390	NonCancer	0.00E+00	7.08E-09	0.00E+00	5.00E-10	5.00E-10	2.36E-07	2.10E-05	0.00E+00	2.18E-08	0.00E+00	5.00E-10	8.08E-07	0.00E+00	0.00E+00	2.10E-05
226	ALL	463830.9	3773398	NonCancer	0.00E+00	7.17E-09	0.00E+00	5.06E-10	5.06E-10	2.39E-07	2.12E-05	0.00E+00	2.21E-08	0.00E+00	5.06E-10	8.18E-07	0.00E+00	0.00E+00	2.12E-05
227	ALL	463827.7	3773407	NonCancer	0.00E+00	7.25E-09	0.00E+00	5.12E-10	5.12E-10	2.42E-07	2.14E-05	0.00E+00	2.23E-08	0.00E+00	5.12E-10	8.28E-07	0.00E+00	0.00E+00	2.14E-05
228	ALL	463824.5	3773416	NonCancer	0.00E+00	7.34E-09	0.00E+00	5.18E-10	5.18E-10	2.45E-07	2.16E-05	0.00E+00	2.26E-08	0.00E+00	5.18E-10	8.37E-07	0.00E+00	0.00E+00	2.16E-05
229	ALL	463821.2	3773425	NonCancer	0.00E+00	7.42E-09	0.00E+00	5.24E-10	5.24E-10	2.47E-07	2.18E-05	0.00E+00	2.28E-08	0.00E+00	5.24E-10	8.47E-07	0.00E+00	0.00E+00	2.18E-05
230	ALL	463818	3773433	NonCancer	0.00E+00	7.50E-09	0.00E+00	5.30E-10	5.30E-10	2.50E-07	2.20E-05	0.00E+00	2.31E-08	0.00E+00	5.30E-10	8.56E-07	0.00E+00	0.00E+00	2.20E-05
231	ALL	463814.8	3773442	NonCancer	0.00E+00	7.57E-09	0.00E+00	5.35E-10	5.35E-10	2.53E-07	2.22E-05	0.00E+00	2.33E-08	0.00E+00	5.35E-10	8.64E-07	0.00E+00	0.00E+00	2.22E-05
232	ALL	463811.5	3773451	NonCancer	0.00E+00	7.65E-09	0.00E+00	5.40E-10	5.40E-10	2.55E-07	2.24E-05	0.00E+00	2.35E-08	0.00E+00	5.40E-10	8.73E-07	0.00E+00	0.00E+00	2.24E-05
233	ALL	463913	3773285	NonCancer	0.00E+00	5.48E-09	0.00E+00	3.87E-10	3.87E-10	1.83E-07	1.65E-05	0.00E+00	1.69E-08	0.00E+00	3.87E-10	6.25E-07	0.00E+00	0.00E+00	1.65E-05
234	ALL	463909.8	3773293	NonCancer	0.00E+00	5.55E-09	0.00E+00	3.92E-10	3.92E-10	1.85E-07	1.67E-05	0.00E+00	1.71E-08	0.00E+00	3.92E-10	6.33E-07	0.00E+00	0.00E+00	1.67E-05
235	ALL	463906.5	3773302	NonCancer	0.00E+00	5.62E-09	0.00E+00	3.97E-10	3.97E-10	1.87E-07	1.69E-05	0.00E+00	1.73E-08	0.00E+00	3.97E-10	6.42E-07	0.00E+00	0.00E+00	1.69E-05
236	ALL	463903.3	3773311	NonCancer	0.00E+00	5.69E-09	0.00E+00	4.02E-10	4.02E-10	1.90E-07	1.71E-05	0.00E+00	1.75E-08	0.00E+00	4.02E-10	6.50E-07	0.00E+00	0.00E+00	1.71E-05
237	ALL	463900.1	3773320	NonCancer	0.00E+00	5.77E-09	0.00E+00	4.08E-10	4.08E-10	1.92E-07	1.73E-05	0.00E+00	1.78E-08	0.00E+00	4.08E-10	6.58E-07	0.00E+00	0.00E+00	1.73E-05
238	ALL	463896.8	3773328	NonCancer	0.00E+00	5.84E-09	0.00E+00	4.13E-10	4.13E-10	1.95E-07	1.75E-05	0.00E+00	1.80E-08	0.00E+00	4.13E-10	6.67E-07	0.00E+00	0.00E+00	1.75E-05
239	ALL	463893.6	3773337	NonCancer	0.00E+00	5.92E-09	0.00E+00	4.18E-10	4.18E-10	1.97E-07	1.77E-05	0.00E+00	1.82E-08	0.00E+00	4.18E-10	6.75E-07	0.00E+00	0.00E+00	1.77E-05
240	ALL	463890.4	3773346	NonCancer	0.00E+00	5.99E-09	0.00E+00	4.24E-10	4.24E-10	2.00E-07	1.79E-05	0.00E+00	1.85E-08	0.00E+00	4.24E-10	6.84E-07	0.00E+00	0.00E+00	1.79E-05
241	ALL	463887.1	3773355	NonCancer	0.00E+00	6.07E-09	0.00E+00	4.29E-10	4.29E-10	2.02E-07	1.82E-05	0.00E+00	1.87E-08	0.00E+00	4.29E-10	6.93E-07	0.00E+00	0.00E+00	1.82E-05
242	ALL	463883.9	3773363	NonCancer	0.00E+00	6.15E-09	0.00E+00	4.34E-10	4.34E-10	2.05E-07	1.84E-05	0.00E+00	1.89E-08	0.00E+00	4.34E-10	7.01E-07	0.00E+00	0.00E+00	1.84E-05
243	ALL	463880.6	3773372	NonCancer	0.00E+00	6.22E-09	0.00E+00	4.40E-10	4.40E-10	2.07E-07	1.86E-05	0.00E+00	1.92E-08	0.00E+00	4.40E-10	7.10E-07	0.00E+00	0.00E+00	1.86E-05
244	ALL	463877.4	3773381	NonCancer	0.00E+00	6.30E-09	0.00E+00	4.45E-10	4.45E-10	2.10E-07	1.88E-05	0.00E+00	1.94E-08	0.00E+00	4.45E-10	7.19E-07	0.00E+00	0.00E+00	1.88E-05
245	ALL	463874.2	3773390	NonCancer	0.00E+00	6.37E-09	0.00E+00	4.50E-10	4.50E-10	2.12E-07	1.90E-05	0.00E+00	1.96E-08	0.00E+00	4.50E-10	7.27E-07	0.00E+00	0.00E+00	1.90E-05
246	ALL	463870.9	3773398	NonCancer	0.00E+00	6.45E-09	0.00E+00	4.56E-10	4.56E-10	2.15E-07	1.92E-05	0.00E+00	1.98E-08	0.00E+00	4.56E-10	7.36E-07	0.00E+00	0.00E+00	1.92E-05
247	ALL	463867.7	3773407	NonCancer	0.00E+00	6.52E-09	0.00E+00	4.61E-10	4.61E-10	2.17E-07	1.93E-05	0.00E+00	2.01E-08	0.00E+00	4.61E-10	7.44E-07	0.00E+00	0.00E+00	1.93E-05
248	ALL	463864.5	3773416	NonCancer	0.00E+00	6.59E-09	0.00E+00	4.66E-10	4.66E-10	2.20E-07	1.95E-05	0.00E+00	2.03E-08	0.00E+00	4.66E-10	7.52E-07	0.00E+00	0.00E+00	1.95E-05
249	ALL	463861.2	3773424	NonCancer	0.00E+00	6.66E-09	0.00E+00	4.71E-10	4.71E-10	2.22E-07	1.97E-05	0.00E+00	2.05E-08	0.00E+00	4.71E-10	7.61E-07	0.00E+00	0.00E+00	1.97E-05
250	ALL	463858	3773433	NonCancer	0.00E+00	6.73E-09	0.00E+00	4.76E-10	4.76E-10	2.25E-07	1.99E-05	0.00E+00	2.07E-08	0.00E+00	4.76E-10	7.68E-07	0.00E+00	0.00E+00	1.99E-05
251	ALL	463854.8	3773442	NonCancer	0.00E+00	6.80E-09	0.00E+00	4.81E-10	4.81E-10	2.27E-07	2.01E-05	0.00E+00	2.09E-08	0.00E+00	4.81E-10	7.76E-07	0.00E+00	0.00E+00	2.01E-05
252	ALL	463851.5	3773451	NonCancer	0.00E+00	6.87E-09	0.00E+00	4.85E-10	4.85E-10	2.29E-07	2.02E-05	0.00E+00	2.11E-08	0.00E+00	4.85E-10	7.84E-07	0.00E+00	0.00E+00	2.02E-05
253	ALL	463953	3773285	NonCancer	0.00E+00	5.01E-09	0.00E+00	3.54E-10	3.54E-10	1.67E-07	1.52E-05	0.00E+00	1.54E-08	0.00E+00	3.54E-10	5.72E-07	0.00E+00	0.00E+00	1.52E-05
254	ALL	463949.8	3773293	NonCancer	0.00E+00	5.07E-09	0.00E+00	3.58E-10	3.58E-10	1.69E-07	1.53E-05	0.00E+00	1.56E-08	0.00E+00	3.58E-10	5.79E-07	0.00E+00	0.00E+00	1.53E-05
255	ALL	463946.5	3773302	NonCancer	0.00E+00	5.13E-09	0.00E+00	3.63E-10	3.63E-10	1.71E-07	1.55E-05	0.00E+00	1.58E-08	0.00E+00	3.63E-10	5.86E-07	0.00E+00	0.00E+00	1.55E-05
256	ALL	463943.3	3773311	NonCancer	0.00E+00	5.19E-09	0.00E+00	3.67E-10	3.67E-10	1.73E-07	1.57E-05	0.00E+00	1.60E-08	0.00E+00	3.67E-10	5.93E-07	0.00E+00	0.00E+00	1.57E-05
257	ALL	463940.1	3773320	NonCancer	0.00E+00	5.26E-09	0.00E+00	3.72E-10	3.72E-10	1.75E-07	1.58E-05	0.00E+00	1.62E-08	0.00E+00	3.72E-10	6.00E-07	0.00E+00	0.00E+00	1.58E-05
258	ALL	463936.8	3773328	NonCancer	0.00E+00	5.32E-09	0.00E+00	3.76E-10	3.76E-10	1.77E-07	1.60E-05	0.00E+00	1.64E-08	0.00E+00	3.76E-10	6.07E-07	0.00E+00	0.00E+00	1.60E-05
259	ALL	463933.6	3773337	NonCancer	0.00E+00	5.39E-09	0.00E+00	3.81E-10	3.81E-10	1.80E-07	1.62E-05	0.00E+00	1.66E-08	0.00E+00	3.81E-10	6.15E-07	0.00E+00	0.00E+00	1.62E-05
260	ALL	463930.4	3773346	NonCancer	0.00E+00	5.45E-09	0.00E+00	3.85E-10	3.85E-10	1.82E-07	1.64E-05	0.00E+00	1.68E-08	0.00E+00	3.85E-10	6.22E-07	0.00E+00	0.00E+00	1.64E-05
261	ALL	463927.1	3773354	NonCancer	0.00E+00	5.52E-09	0.00E+00	3.90E-10	3.90E-10	1.84E-07	1.65E-05	0.00E+00	1.70E-08	0.00E+00	3.90E-10	6.29E-07	0.00E+00	0.00E+00	1.65E-05
262	ALL	463923.9	3773363	NonCancer	0.00E+00	5.58E-09	0.00E+00	3.94E-10	3.94E-10	1.86E-07	1.67E-05	0.00E+00	1.72E-08	0.00E+00	3.94E-10	6.37E-07	0.00E+00	0.00E+00	1.67E-05
263	ALL	463920.6	3773372	NonCancer	0.00E+00	5.65E-09	0.00E+00	3.99E-10	3.99E-10	1.88E-07	1.69E-05	0.00E+00	1.74E-08	0.00E+00	3.99E-10	6.44E-07	0.00E+00	0.00E+00	1.69E-05
264	ALL	463917.4	3773381	NonCancer	0.00E+00	5.71E-09	0.00E+00	4.03E-10	4.03E-10	1.90E-07	1.71E-05	0.00E+00	1.76E-08	0.00E+00	4.03E-10	6.52E-07	0.00E+00	0.00E+00	1.71E-05
265	ALL	463914.2	3773389	NonCancer	0.00E+00	5.78E-09	0.00E+00	4.08E-10	4.08E-10	1.93E-07	1.72E-05	0.00E+00	1.78E-08	0.00E+00	4.08E-10	6.59E-07	0.00E+00	0.00E+00	1.72E-05
266	ALL	463910.9	3773398	NonCancer	0.00E+00	5.84E-09	0.00E+00	4.13E-10	4.13E-10	1.95E-07	1.74E-05	0.00E+00	1.80E-08	0.00E+00	4.13E-10	6.67E-07	0.00E+00	0.00E+00	1.74E-05
267	ALL	463907.7	3773407	NonCancer	0.00E+00	5.90E-09	0.00E+00	4.17E-10	4.17E-10	1.97E-07	1.76E-05	0.00E+00	1.82E-08	0.00E+00	4.17E-10	6.74E-07	0.00E+00	0.00E+00	1.76E-05
268	ALL	463904.5	3773416	NonCancer	0.00E+00	5.97E-09	0.00E+00	4.22E-10	4.22E-10	1.99E-07	1.77E-05	0.00E+00	1.84E-08	0.00E+00	4.22E-10	6.81E-07	0.00E+00	0.00E+00	1.77E-05

269	ALL	463901.2	3773424	NonCancer	0.00E+00	6.03E-09	0.00E+00	4.26E-10	4.26E-10	2.01E-07	1.79E-05	0.00E+00	1.86E-08	0.00E+00	4.26E-10	6.88E-07	0.00E+00	0.00E+00	1.79E-05
270	ALL	463898	3773433	NonCancer	0.00E+00	6.09E-09	0.00E+00	4.30E-10	4.30E-10	2.03E-07	1.81E-05	0.00E+00	1.87E-08	0.00E+00	4.30E-10	6.95E-07	0.00E+00	0.00E+00	1.81E-05
271	ALL	463894.8	3773442	NonCancer	0.00E+00	6.15E-09	0.00E+00	4.34E-10	4.34E-10	2.05E-07	1.82E-05	0.00E+00	1.89E-08	0.00E+00	4.34E-10	7.02E-07	0.00E+00	0.00E+00	1.82E-05
272	ALL	463891.5	3773451	NonCancer	0.00E+00	6.21E-09	0.00E+00	4.39E-10	4.39E-10	2.07E-07	1.84E-05	0.00E+00	1.91E-08	0.00E+00	4.39E-10	7.08E-07	0.00E+00	0.00E+00	1.84E-05
273	ALL	463993	3773285	NonCancer	0.00E+00	4.60E-09	0.00E+00	3.25E-10	3.25E-10	1.54E-07	1.40E-05	0.00E+00	1.42E-08	0.00E+00	3.25E-10	5.26E-07	0.00E+00	0.00E+00	1.40E-05
274	ALL	463989.8	3773293	NonCancer	0.00E+00	4.66E-09	0.00E+00	3.29E-10	3.29E-10	1.55E-07	1.41E-05	0.00E+00	1.43E-08	0.00E+00	3.29E-10	5.32E-07	0.00E+00	0.00E+00	1.41E-05
275	ALL	463986.5	3773302	NonCancer	0.00E+00	4.71E-09	0.00E+00	3.33E-10	3.33E-10	1.57E-07	1.43E-05	0.00E+00	1.45E-08	0.00E+00	3.33E-10	5.38E-07	0.00E+00	0.00E+00	1.43E-05
276	ALL	463983.3	3773311	NonCancer	0.00E+00	4.76E-09	0.00E+00	3.37E-10	3.37E-10	1.59E-07	1.44E-05	0.00E+00	1.47E-08	0.00E+00	3.37E-10	5.44E-07	0.00E+00	0.00E+00	1.44E-05
277	ALL	463980.1	3773319	NonCancer	0.00E+00	4.82E-09	0.00E+00	3.40E-10	3.40E-10	1.61E-07	1.46E-05	0.00E+00	1.48E-08	0.00E+00	3.40E-10	5.50E-07	0.00E+00	0.00E+00	1.46E-05
278	ALL	463976.8	3773328	NonCancer	0.00E+00	4.87E-09	0.00E+00	3.44E-10	3.44E-10	1.63E-07	1.47E-05	0.00E+00	1.50E-08	0.00E+00	3.44E-10	5.56E-07	0.00E+00	0.00E+00	1.47E-05
279	ALL	463973.6	3773337	NonCancer	0.00E+00	4.93E-09	0.00E+00	3.48E-10	3.48E-10	1.64E-07	1.49E-05	0.00E+00	1.52E-08	0.00E+00	3.48E-10	5.63E-07	0.00E+00	0.00E+00	1.49E-05
280	ALL	463970.4	3773346	NonCancer	0.00E+00	4.99E-09	0.00E+00	3.52E-10	3.52E-10	1.66E-07	1.50E-05	0.00E+00	1.53E-08	0.00E+00	3.52E-10	5.69E-07	0.00E+00	0.00E+00	1.50E-05
281	ALL	463967.1	3773354	NonCancer	0.00E+00	5.04E-09	0.00E+00	3.56E-10	3.56E-10	1.68E-07	1.52E-05	0.00E+00	1.55E-08	0.00E+00	3.56E-10	5.75E-07	0.00E+00	0.00E+00	1.52E-05
282	ALL	463963.9	3773363	NonCancer	0.00E+00	5.10E-09	0.00E+00	3.60E-10	3.60E-10	1.70E-07	1.53E-05	0.00E+00	1.57E-08	0.00E+00	3.60E-10	5.82E-07	0.00E+00	0.00E+00	1.53E-05
283	ALL	463960.6	3773372	NonCancer	0.00E+00	5.15E-09	0.00E+00	3.64E-10	3.64E-10	1.72E-07	1.55E-05	0.00E+00	1.59E-08	0.00E+00	3.64E-10	5.88E-07	0.00E+00	0.00E+00	1.55E-05
284	ALL	463957.4	3773381	NonCancer	0.00E+00	5.21E-09	0.00E+00	3.68E-10	3.68E-10	1.74E-07	1.56E-05	0.00E+00	1.60E-08	0.00E+00	3.68E-10	5.95E-07	0.00E+00	0.00E+00	1.56E-05
285	ALL	463954.2	3773389	NonCancer	0.00E+00	5.27E-09	0.00E+00	3.72E-10	3.72E-10	1.76E-07	1.58E-05	0.00E+00	1.62E-08	0.00E+00	3.72E-10	6.01E-07	0.00E+00	0.00E+00	1.58E-05
286	ALL	463950.9	3773398	NonCancer	0.00E+00	5.32E-09	0.00E+00	3.76E-10	3.76E-10	1.77E-07	1.59E-05	0.00E+00	1.64E-08	0.00E+00	3.76E-10	6.07E-07	0.00E+00	0.00E+00	1.59E-05
287	ALL	463947.7	3773407	NonCancer	0.00E+00	5.38E-09	0.00E+00	3.80E-10	3.80E-10	1.79E-07	1.61E-05	0.00E+00	1.66E-08	0.00E+00	3.80E-10	6.14E-07	0.00E+00	0.00E+00	1.61E-05
288	ALL	463944.5	3773416	NonCancer	0.00E+00	5.43E-09	0.00E+00	3.84E-10	3.84E-10	1.81E-07	1.62E-05	0.00E+00	1.67E-08	0.00E+00	3.84E-10	6.20E-07	0.00E+00	0.00E+00	1.62E-05
289	ALL	463941.2	3773424	NonCancer	0.00E+00	5.49E-09	0.00E+00	3.88E-10	3.88E-10	1.83E-07	1.64E-05	0.00E+00	1.69E-08	0.00E+00	3.88E-10	6.26E-07	0.00E+00	0.00E+00	1.64E-05
290	ALL	463938	3773433	NonCancer	0.00E+00	5.54E-09	0.00E+00	3.91E-10	3.91E-10	1.85E-07	1.65E-05	0.00E+00	1.71E-08	0.00E+00	3.91E-10	6.32E-07	0.00E+00	0.00E+00	1.65E-05
291	ALL	463934.8	3773442	NonCancer	0.00E+00	5.59E-09	0.00E+00	3.95E-10	3.95E-10	1.87E-07	1.66E-05	0.00E+00	1.72E-08	0.00E+00	3.95E-10	6.38E-07	0.00E+00	0.00E+00	1.66E-05
292	ALL	463931.5	3773450	NonCancer	0.00E+00	5.64E-09	0.00E+00	3.99E-10	3.99E-10	1.88E-07	1.68E-05	0.00E+00	1.74E-08	0.00E+00	3.99E-10	6.44E-07	0.00E+00	0.00E+00	1.68E-05
293	ALL	462814.1	3773505	NonCancer	0.00E+00	7.54E-09	0.00E+00	5.33E-10	5.33E-10	2.51E-07	2.60E-05	0.00E+00	2.32E-08	0.00E+00	5.33E-10	8.60E-07	0.00E+00	0.00E+00	2.60E-05
294	ALL	462805.4	3773502	NonCancer	0.00E+00	7.44E-09	0.00E+00	5.25E-10	5.25E-10	2.48E-07	2.58E-05	0.00E+00	2.29E-08	0.00E+00	5.25E-10	8.49E-07	0.00E+00	0.00E+00	2.58E-05
295	ALL	462796.8	3773498	NonCancer	0.00E+00	7.33E-09	0.00E+00	5.18E-10	5.18E-10	2.45E-07	2.55E-05	0.00E+00	2.26E-08	0.00E+00	5.18E-10	8.37E-07	0.00E+00	0.00E+00	2.55E-05
296	ALL	462788.2	3773495	NonCancer	0.00E+00	7.23E-09	0.00E+00	5.11E-10	5.11E-10	2.41E-07	2.52E-05	0.00E+00	2.23E-08	0.00E+00	5.11E-10	8.25E-07	0.00E+00	0.00E+00	2.52E-05
297	ALL	462779.6	3773491	NonCancer	0.00E+00	7.11E-09	0.00E+00	5.03E-10	5.03E-10	2.37E-07	2.48E-05	0.00E+00	2.19E-08	0.00E+00	5.03E-10	8.12E-07	0.00E+00	0.00E+00	2.48E-05
298	ALL	462771	3773488	NonCancer	0.00E+00	6.99E-09	0.00E+00	4.94E-10	4.94E-10	2.33E-07	2.44E-05	0.00E+00	2.15E-08	0.00E+00	4.94E-10	7.98E-07	0.00E+00	0.00E+00	2.44E-05
299	ALL	462814.2	3773535	NonCancer	0.00E+00	6.91E-09	0.00E+00	4.88E-10	4.88E-10	2.30E-07	2.35E-05	0.00E+00	2.13E-08	0.00E+00	4.88E-10	7.88E-07	0.00E+00	0.00E+00	2.35E-05
300	ALL	462805.6	3773532	NonCancer	0.00E+00	6.83E-09	0.00E+00	4.83E-10	4.83E-10	2.28E-07	2.33E-05	0.00E+00	2.10E-08	0.00E+00	4.83E-10	7.80E-07	0.00E+00	0.00E+00	2.33E-05
301	ALL	462797	3773528	NonCancer	0.00E+00	6.76E-09	0.00E+00	4.77E-10	4.77E-10	2.25E-07	2.31E-05	0.00E+00	2.08E-08	0.00E+00	4.77E-10	7.71E-07	0.00E+00	0.00E+00	2.31E-05
302	ALL	462788.4	3773525	NonCancer	0.00E+00	6.68E-09	0.00E+00	4.72E-10	4.72E-10	2.23E-07	2.29E-05	0.00E+00	2.06E-08	0.00E+00	4.72E-10	7.62E-07	0.00E+00	0.00E+00	2.29E-05
303	ALL	462779.8	3773521	NonCancer	0.00E+00	6.60E-09	0.00E+00	4.66E-10	4.66E-10	2.20E-07	2.27E-05	0.00E+00	2.03E-08	0.00E+00	4.66E-10	7.53E-07	0.00E+00	0.00E+00	2.27E-05
304	ALL	462771.2	3773518	NonCancer	0.00E+00	6.52E-09	0.00E+00	4.61E-10	4.61E-10	2.17E-07	2.25E-05	0.00E+00	2.01E-08	0.00E+00	4.61E-10	7.44E-07	0.00E+00	0.00E+00	2.25E-05
305	ALL	462762.6	3773514	NonCancer	0.00E+00	6.44E-09	0.00E+00	4.55E-10	4.55E-10	2.15E-07	2.22E-05	0.00E+00	1.98E-08	0.00E+00	4.55E-10	7.35E-07	0.00E+00	0.00E+00	2.22E-05
306	ALL	462754	3773511	NonCancer	0.00E+00	6.36E-09	0.00E+00	4.49E-10	4.49E-10	2.12E-07	2.20E-05	0.00E+00	1.96E-08	0.00E+00	4.49E-10	7.26E-07	0.00E+00	0.00E+00	2.20E-05
307	ALL	462745.4	3773507	NonCancer	0.00E+00	6.28E-09	0.00E+00	4.43E-10	4.43E-10	2.09E-07	2.17E-05	0.00E+00	1.93E-08	0.00E+00	4.43E-10	7.16E-07	0.00E+00	0.00E+00	2.17E-05
308	ALL	462736.8	3773503	NonCancer	0.00E+00	6.18E-09	0.00E+00	4.37E-10	4.37E-10	2.06E-07	2.14E-05	0.00E+00	1.90E-08	0.00E+00	4.37E-10	7.05E-07	0.00E+00	0.00E+00	2.14E-05
309	ALL	462728.2	3773500	NonCancer	0.00E+00	6.08E-09	0.00E+00	4.30E-10	4.30E-10	2.03E-07	2.11E-05	0.00E+00	1.87E-08	0.00E+00	4.30E-10	6.94E-07	0.00E+00	0.00E+00	2.11E-05
310	ALL	462719.6	3773496	NonCancer	0.00E+00	5.98E-09	0.00E+00	4.23E-10	4.23E-10	1.99E-07	2.08E-05	0.00E+00	1.84E-08	0.00E+00	4.23E-10	6.83E-07	0.00E+00	0.00E+00	2.08E-05
311	ALL	462711	3773493	NonCancer	0.00E+00	5.88E-09	0.00E+00	4.16E-10	4.16E-10	1.96E-07	2.05E-05	0.00E+00	1.81E-08	0.00E+00	4.16E-10	6.71E-07	0.00E+00	0.00E+00	2.05E-05
312	ALL	462702.4	3773489	NonCancer	0.00E+00	5.78E-09	0.00E+00	4.09E-10	4.09E-10	1.93E-07	2.02E-05	0.00E+00	1.78E-08	0.00E+00	4.09E-10	6.60E-07	0.00E+00	0.00E+00	2.02E-05
313	ALL	462813.8	3773565	NonCancer	0.00E+00	6.49E-09	0.00E+00	4.59E-10	4.59E-10	2.16E-07	2.18E-05	0.00E+00	2.00E-08	0.00E+00	4.59E-10	7.41E-07	0.00E+00	0.00E+00	2.18E-05
314	ALL	462805.2	3773562	NonCancer	0.00E+00	6.41E-09	0.00E+00	4.53E-10	4.53E-10	2.14E-07	2.16E-05	0.00E+00	1.97E-08	0.00E+00	4.53E-10	7.32E-07	0.00E+00	0.00E+00	2.16E-05
315	ALL	462796.5	3773558	NonCancer	0.00E+00	6.33E-09	0.00E+00	4.47E-10	4.47E-10	2.11E-07	2.14E-05	0.00E+00	1.95E-08	0.00E+00	4.47E-10	7.22E-07	0.00E+00	0.00E+00	2.14E-05
316	ALL	462787.9	3773554	NonCancer	0.00E+00	6.25E-09	0.00E+00	4.41E-10	4.41E-10	2.08E-07	2.11E-05	0.00E+00	1.92E-08	0.00E+00	4.41E-10	7.13E-07	0.00E+00	0.00E+00	2.11E-05
317	ALL	462779.3	3773551	NonCancer	0.00E+00	6.16E-09	0.00E+00	4.35E-10	4.35E-10	2.06E-07	2.09E-05	0.00E+00	1.90E-08	0.00E+00	4.35E-10	7.03E-07	0.00E+00	0.00E+00	2.09E-05
318	ALL	462770.6	3773547	NonCancer	0.00E+00	6.08E-09	0.00E+00	4.30E-10	4.30E-10	2.03E-07	2.06E-05	0.00E+00	1.87E-08	0.00E+00	4.30E-10	6.94E-07	0.00E+00	0.00E+00	2.06E-05
319	ALL	462762	3773544	NonCancer	0.00E+00	6.00E-09	0.00E+00	4.24E-10	4.24E-10	2.00E-07	2.04E-05	0.00E+00	1.85E-08	0.00E+00	4.24E-10	6.84E-07	0.00E+00	0.00E+00	2.04E-05
320	ALL	462753.3	3773540	NonCancer	0.00E+00	5.91E-09	0.00E+00	4.18E-10	4.18E-10	1.97E-07	2.02E-05	0.00E+00	1.82E-08	0.00E+00	4.18E-10	6.75E-07	0.00E+00	0.00E+00	2.02E-05
321	ALL	462744.7	3773537	NonCancer	0.00E+00	5.83E-09	0.00E+00	4.12E-10	4.12E-10	1.94E-07	1.99E-05	0.00E+00	1.79E-08	0.00E+00	4.12E-10	6.65E-07	0.00E+00	0.00E+00	1.99E-05
322	ALL	462736.1	3773533	NonCancer	0.00E+00	5.75E-09	0.00E+00	4.07E-10	4.07E-10	1.92E-07	1.97E-05	0.00E+00	1.77E-08	0.00E+00	4.07E-10	6.57E-07	0.00E+00	0.00E+00	1.97E-05

323	ALL	462727.4	3773530	NonCancer	0.00E+00	5.68E-09	0.00E+00	4.02E-10	4.02E-10	1.89E-07	1.95E-05	0.00E+00	1.75E-08	0.00E+00	4.02E-10	6.49E-07	0.00E+00	0.00E+00	1.95E-05
324	ALL	462718.8	3773526	NonCancer	0.00E+00	5.61E-09	0.00E+00	3.97E-10	3.97E-10	1.87E-07	1.93E-05	0.00E+00	1.73E-08	0.00E+00	3.97E-10	6.40E-07	0.00E+00	0.00E+00	1.93E-05
325	ALL	462710.2	3773522	NonCancer	0.00E+00	5.54E-09	0.00E+00	3.92E-10	3.92E-10	1.85E-07	1.91E-05	0.00E+00	1.71E-08	0.00E+00	3.92E-10	6.32E-07	0.00E+00	0.00E+00	1.91E-05
326	ALL	462701.5	3773519	NonCancer	0.00E+00	5.47E-09	0.00E+00	3.87E-10	3.87E-10	1.82E-07	1.89E-05	0.00E+00	1.68E-08	0.00E+00	3.87E-10	6.24E-07	0.00E+00	0.00E+00	1.89E-05
327	ALL	462692.9	3773515	NonCancer	0.00E+00	5.40E-09	0.00E+00	3.82E-10	3.82E-10	1.80E-07	1.86E-05	0.00E+00	1.66E-08	0.00E+00	3.82E-10	6.16E-07	0.00E+00	0.00E+00	1.86E-05
328	ALL	462684.2	3773512	NonCancer	0.00E+00	5.33E-09	0.00E+00	3.77E-10	3.77E-10	1.78E-07	1.84E-05	0.00E+00	1.64E-08	0.00E+00	3.77E-10	6.08E-07	0.00E+00	0.00E+00	1.84E-05
329	ALL	462675.6	3773508	NonCancer	0.00E+00	5.26E-09	0.00E+00	3.72E-10	3.72E-10	1.75E-07	1.82E-05	0.00E+00	1.62E-08	0.00E+00	3.72E-10	6.00E-07	0.00E+00	0.00E+00	1.82E-05
330	ALL	462667	3773505	NonCancer	0.00E+00	5.18E-09	0.00E+00	3.66E-10	3.66E-10	1.73E-07	1.80E-05	0.00E+00	1.59E-08	0.00E+00	3.66E-10	5.91E-07	0.00E+00	0.00E+00	1.80E-05
331	ALL	462661.9	3773496	NonCancer	0.00E+00	5.18E-09	0.00E+00	3.66E-10	3.66E-10	1.73E-07	1.80E-05	0.00E+00	1.59E-08	0.00E+00	3.66E-10	5.91E-07	0.00E+00	0.00E+00	1.80E-05
332	ALL	462762.3	3773574	NonCancer	0.00E+00	5.67E-09	0.00E+00	4.00E-10	4.00E-10	1.89E-07	1.90E-05	0.00E+00	1.74E-08	0.00E+00	4.00E-10	6.47E-07	0.00E+00	0.00E+00	1.90E-05
333	ALL	462753.6	3773570	NonCancer	0.00E+00	5.61E-09	0.00E+00	3.96E-10	3.96E-10	1.87E-07	1.89E-05	0.00E+00	1.73E-08	0.00E+00	3.96E-10	6.40E-07	0.00E+00	0.00E+00	1.89E-05
334	ALL	462745	3773567	NonCancer	0.00E+00	5.54E-09	0.00E+00	3.92E-10	3.92E-10	1.85E-07	1.87E-05	0.00E+00	1.71E-08	0.00E+00	3.92E-10	6.33E-07	0.00E+00	0.00E+00	1.87E-05
335	ALL	462736.4	3773563	NonCancer	0.00E+00	5.47E-09	0.00E+00	3.87E-10	3.87E-10	1.82E-07	1.85E-05	0.00E+00	1.68E-08	0.00E+00	3.87E-10	6.24E-07	0.00E+00	0.00E+00	1.85E-05
336	ALL	462727.8	3773560	NonCancer	0.00E+00	5.40E-09	0.00E+00	3.81E-10	3.81E-10	1.80E-07	1.83E-05	0.00E+00	1.66E-08	0.00E+00	3.81E-10	6.16E-07	0.00E+00	0.00E+00	1.83E-05
337	ALL	462719.1	3773556	NonCancer	0.00E+00	5.32E-09	0.00E+00	3.76E-10	3.76E-10	1.77E-07	1.81E-05	0.00E+00	1.64E-08	0.00E+00	3.76E-10	6.07E-07	0.00E+00	0.00E+00	1.81E-05
338	ALL	462710.5	3773553	NonCancer	0.00E+00	5.25E-09	0.00E+00	3.71E-10	3.71E-10	1.75E-07	1.78E-05	0.00E+00	1.62E-08	0.00E+00	3.71E-10	5.99E-07	0.00E+00	0.00E+00	1.78E-05
339	ALL	462701.9	3773549	NonCancer	0.00E+00	5.17E-09	0.00E+00	3.65E-10	3.65E-10	1.72E-07	1.76E-05	0.00E+00	1.59E-08	0.00E+00	3.65E-10	5.90E-07	0.00E+00	0.00E+00	1.76E-05
340	ALL	462693.3	3773546	NonCancer	0.00E+00	5.10E-09	0.00E+00	3.60E-10	3.60E-10	1.70E-07	1.74E-05	0.00E+00	1.57E-08	0.00E+00	3.60E-10	5.82E-07	0.00E+00	0.00E+00	1.74E-05
341	ALL	462684.6	3773542	NonCancer	0.00E+00	5.02E-09	0.00E+00	3.55E-10	3.55E-10	1.68E-07	1.71E-05	0.00E+00	1.55E-08	0.00E+00	3.55E-10	5.73E-07	0.00E+00	0.00E+00	1.71E-05
342	ALL	462676	3773538	NonCancer	0.00E+00	4.95E-09	0.00E+00	3.50E-10	3.50E-10	1.65E-07	1.69E-05	0.00E+00	1.52E-08	0.00E+00	3.50E-10	5.65E-07	0.00E+00	0.00E+00	1.69E-05
343	ALL	462667.4	3773535	NonCancer	0.00E+00	4.88E-09	0.00E+00	3.45E-10	3.45E-10	1.63E-07	1.67E-05	0.00E+00	1.50E-08	0.00E+00	3.45E-10	5.57E-07	0.00E+00	0.00E+00	1.67E-05
344	ALL	462658.8	3773531	NonCancer	0.00E+00	4.82E-09	0.00E+00	3.41E-10	3.41E-10	1.61E-07	1.65E-05	0.00E+00	1.48E-08	0.00E+00	3.41E-10	5.50E-07	0.00E+00	0.00E+00	1.65E-05
345	ALL	462650.2	3773528	NonCancer	0.00E+00	4.76E-09	0.00E+00	3.36E-10	3.36E-10	1.59E-07	1.63E-05	0.00E+00	1.47E-08	0.00E+00	3.36E-10	5.43E-07	0.00E+00	0.00E+00	1.63E-05
346	ALL	462642.6	3773521	NonCancer	0.00E+00	4.74E-09	0.00E+00	3.35E-10	3.35E-10	1.58E-07	1.63E-05	0.00E+00	1.46E-08	0.00E+00	3.35E-10	5.41E-07	0.00E+00	0.00E+00	1.63E-05
347	ALL	462639	3773513	NonCancer	0.00E+00	4.78E-09	0.00E+00	3.38E-10	3.38E-10	1.59E-07	1.65E-05	0.00E+00	1.47E-08	0.00E+00	3.38E-10	5.45E-07	0.00E+00	0.00E+00	1.65E-05
348	ALL	462635.3	3773504	NonCancer	0.00E+00	4.81E-09	0.00E+00	3.40E-10	3.40E-10	1.60E-07	1.66E-05	0.00E+00	1.48E-08	0.00E+00	3.40E-10	5.49E-07	0.00E+00	0.00E+00	1.66E-05
349	ALL	462631.7	3773495	NonCancer	0.00E+00	4.81E-09	0.00E+00	3.40E-10	3.40E-10	1.61E-07	1.67E-05	0.00E+00	1.48E-08	0.00E+00	3.40E-10	5.49E-07	0.00E+00	0.00E+00	1.67E-05
350	ALL	462683.9	3773572	NonCancer	0.00E+00	4.80E-09	0.00E+00	3.39E-10	3.39E-10	1.60E-07	1.62E-05	0.00E+00	1.48E-08	0.00E+00	3.39E-10	5.48E-07	0.00E+00	0.00E+00	1.62E-05
351	ALL	462675.2	3773568	NonCancer	0.00E+00	4.74E-09	0.00E+00	3.35E-10	3.35E-10	1.58E-07	1.61E-05	0.00E+00	1.46E-08	0.00E+00	3.35E-10	5.41E-07	0.00E+00	0.00E+00	1.61E-05
352	ALL	462666.6	3773565	NonCancer	0.00E+00	4.68E-09	0.00E+00	3.31E-10	3.31E-10	1.56E-07	1.59E-05	0.00E+00	1.44E-08	0.00E+00	3.31E-10	5.34E-07	0.00E+00	0.00E+00	1.59E-05
353	ALL	462657.9	3773561	NonCancer	0.00E+00	4.62E-09	0.00E+00	3.26E-10	3.26E-10	1.54E-07	1.57E-05	0.00E+00	1.42E-08	0.00E+00	3.26E-10	5.27E-07	0.00E+00	0.00E+00	1.57E-05
354	ALL	462649.2	3773557	NonCancer	0.00E+00	4.55E-09	0.00E+00	3.22E-10	3.22E-10	1.52E-07	1.55E-05	0.00E+00	1.40E-08	0.00E+00	3.22E-10	5.20E-07	0.00E+00	0.00E+00	1.55E-05
355	ALL	462640.6	3773554	NonCancer	0.00E+00	4.49E-09	0.00E+00	3.17E-10	3.17E-10	1.50E-07	1.53E-05	0.00E+00	1.38E-08	0.00E+00	3.17E-10	5.12E-07	0.00E+00	0.00E+00	1.53E-05
356	ALL	462631.9	3773550	NonCancer	0.00E+00	4.42E-09	0.00E+00	3.13E-10	3.13E-10	1.47E-07	1.51E-05	0.00E+00	1.36E-08	0.00E+00	3.13E-10	5.05E-07	0.00E+00	0.00E+00	1.51E-05
357	ALL	462200.3	3773543	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.41E-10	1.41E-10	6.66E-08	6.64E-06	0.00E+00	6.15E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.64E-06
358	ALL	462196.6	3773535	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.42E-10	1.42E-10	6.68E-08	6.67E-06	0.00E+00	6.17E-09	0.00E+00	1.42E-10	2.29E-07	0.00E+00	0.00E+00	6.67E-06
359	ALL	462193	3773526	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.41E-10	1.41E-10	6.67E-08	6.66E-06	0.00E+00	6.16E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.66E-06
360	ALL	462189.4	3773518	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.41E-10	1.41E-10	6.65E-08	6.65E-06	0.00E+00	6.14E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.65E-06
361	ALL	462185.7	3773509	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.64E-08	6.64E-06	0.00E+00	6.13E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.64E-06
362	ALL	462182.1	3773500	NonCancer	0.00E+00	1.99E-09	0.00E+00	1.41E-10	1.41E-10	6.65E-08	6.66E-06	0.00E+00	6.14E-09	0.00E+00	1.41E-10	2.27E-07	0.00E+00	0.00E+00	6.66E-06
363	ALL	462178.4	3773492	NonCancer	0.00E+00	2.00E-09	0.00E+00	1.41E-10	1.41E-10	6.67E-08	6.69E-06	0.00E+00	6.15E-09	0.00E+00	1.41E-10	2.28E-07	0.00E+00	0.00E+00	6.69E-06
364	ALL	462202.6	3773644	NonCancer	0.00E+00	1.85E-09	0.00E+00	1.31E-10	1.31E-10	6.17E-08	6.06E-06	0.00E+00	5.70E-09	0.00E+00	1.31E-10	2.11E-07	0.00E+00	0.00E+00	6.06E-06
365	ALL	462198.9	3773635	NonCancer	0.00E+00	1.85E-09	0.00E+00	1.31E-10	1.31E-10	6.17E-08	6.06E-06	0.00E+00	5.70E-09	0.00E+00	1.31E-10	2.11E-07	0.00E+00	0.00E+00	6.06E-06
366	ALL	462195.3	3773627	NonCancer	0.00E+00	1.85E-09	0.00E+00	1.30E-10	1.30E-10	6.16E-08	6.06E-06	0.00E+00	5.68E-09	0.00E+00	1.30E-10	2.11E-07	0.00E+00	0.00E+00	6.06E-06
367	ALL	462191.7	3773618	NonCancer	0.00E+00	1.85E-09	0.00E+00	1.31E-10	1.31E-10	6.17E-08	6.08E-06	0.00E+00	5.70E-09	0.00E+00	1.31E-10	2.11E-07	0.00E+00	0.00E+00	6.08E-06
368	ALL	462188	3773609	NonCancer	0.00E+00	1.86E-09	0.00E+00	1.31E-10	1.31E-10	6.20E-08	6.11E-06	0.00E+00	5.72E-09	0.00E+00	1.31E-10	2.12E-07	0.00E+00	0.00E+00	6.11E-06
369	ALL	462184.4	3773601	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.24E-08	6.16E-06	0.00E+00	5.76E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	6.16E-06
370	ALL	462180.7	3773592	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.25E-08	6.18E-06	0.00E+00	5.77E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	6.18E-06
371	ALL	462177.1	3773584	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.24E-08	6.17E-06	0.00E+00	5.76E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	6.17E-06
372	ALL	462173.5	3773575	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.23E-08	6.17E-06	0.00E+00	5.75E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	6.17E-06
373	ALL	462169.8	3773566	NonCancer	0.00E+00	1.86E-09	0.00E+00	1.32E-10	1.32E-10	6.22E-08	6.16E-06	0.00E+00	5.74E-09	0.00E+00	1.32E-10	2.13E-07	0.00E+00	0.00E+00	6.16E-06
374	ALL	462166.2	3773558	NonCancer	0.00E+00	1.87E-09	0.00E+00	1.32E-10	1.32E-10	6.25E-08	6.20E-06	0.00E+00	5.77E-09	0.00E+00	1.32E-10	2.14E-07	0.00E+00	0.00E+00	6.20E-06
375	ALL	462162.6	3773549	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.27E-08	6.24E-06	0.00E+00	5.79E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.24E-06
376	ALL	462158.9	3773541	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.33E-10	1.33E-10	6.30E-08	6.27E-06	0.00E+00	5.81E-09	0.00E+00	1.33E-10	2.16E-07	0.00E+00	0.00E+00	6.27E-06

377	ALL	462155.3	3773532	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.34E-10	1.34E-10	6.30E-08	6.28E-06	0.00E+00	5.82E-09	0.00E+00	1.34E-10	2.16E-07	0.00E+00	0.00E+00	6.28E-06
378	ALL	462151.7	3773523	NonCancer	0.00E+00	1.89E-09	0.00E+00	1.33E-10	1.33E-10	6.29E-08	6.27E-06	0.00E+00	5.81E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.27E-06
379	ALL	462148	3773515	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.27E-08	6.26E-06	0.00E+00	5.79E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.26E-06
380	ALL	462144.4	3773506	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.26E-08	6.25E-06	0.00E+00	5.78E-09	0.00E+00	1.33E-10	2.14E-07	0.00E+00	0.00E+00	6.25E-06
381	ALL	462140.8	3773498	NonCancer	0.00E+00	1.88E-09	0.00E+00	1.33E-10	1.33E-10	6.28E-08	6.28E-06	0.00E+00	5.79E-09	0.00E+00	1.33E-10	2.15E-07	0.00E+00	0.00E+00	6.28E-06
382	ALL	462171.3	3773665	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.81E-08	5.68E-06	0.00E+00	5.36E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	5.68E-06
383	ALL	462167.6	3773656	NonCancer	0.00E+00	1.75E-09	0.00E+00	1.23E-10	1.23E-10	5.83E-08	5.71E-06	0.00E+00	5.38E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	5.71E-06
384	ALL	462164	3773648	NonCancer	0.00E+00	1.75E-09	0.00E+00	1.23E-10	1.23E-10	5.82E-08	5.71E-06	0.00E+00	5.37E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	5.71E-06
385	ALL	462160.3	3773639	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.81E-08	5.70E-06	0.00E+00	5.37E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	5.70E-06
386	ALL	462156.7	3773630	NonCancer	0.00E+00	1.74E-09	0.00E+00	1.23E-10	1.23E-10	5.81E-08	5.70E-06	0.00E+00	5.36E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	5.70E-06
387	ALL	462153.1	3773622	NonCancer	0.00E+00	1.75E-09	0.00E+00	1.23E-10	1.23E-10	5.82E-08	5.72E-06	0.00E+00	5.37E-09	0.00E+00	1.23E-10	1.99E-07	0.00E+00	0.00E+00	5.72E-06
388	ALL	462149.4	3773613	NonCancer	0.00E+00	1.76E-09	0.00E+00	1.24E-10	1.24E-10	5.85E-08	5.76E-06	0.00E+00	5.40E-09	0.00E+00	1.24E-10	2.00E-07	0.00E+00	0.00E+00	5.76E-06
389	ALL	462145.8	3773604	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.89E-08	5.80E-06	0.00E+00	5.44E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	5.80E-06
390	ALL	462142.1	3773596	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.25E-10	1.25E-10	5.92E-08	5.84E-06	0.00E+00	5.47E-09	0.00E+00	1.25E-10	2.03E-07	0.00E+00	0.00E+00	5.84E-06
391	ALL	462138.5	3773587	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.91E-08	5.83E-06	0.00E+00	5.46E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	5.83E-06
392	ALL	462134.9	3773579	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.90E-08	5.83E-06	0.00E+00	5.45E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	5.83E-06
393	ALL	462131.2	3773570	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.89E-08	5.82E-06	0.00E+00	5.44E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	5.82E-06
394	ALL	462127.6	3773561	NonCancer	0.00E+00	1.77E-09	0.00E+00	1.25E-10	1.25E-10	5.90E-08	5.84E-06	0.00E+00	5.45E-09	0.00E+00	1.25E-10	2.02E-07	0.00E+00	0.00E+00	5.84E-06
395	ALL	462123.9	3773553	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.92E-08	5.87E-06	0.00E+00	5.47E-09	0.00E+00	1.26E-10	2.03E-07	0.00E+00	0.00E+00	5.87E-06
396	ALL	462120.3	3773544	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.95E-08	5.91E-06	0.00E+00	5.49E-09	0.00E+00	1.26E-10	2.04E-07	0.00E+00	0.00E+00	5.91E-06
397	ALL	462116.7	3773536	NonCancer	0.00E+00	1.79E-09	0.00E+00	1.26E-10	1.26E-10	5.96E-08	5.93E-06	0.00E+00	5.51E-09	0.00E+00	1.26E-10	2.04E-07	0.00E+00	0.00E+00	5.93E-06
398	ALL	462113	3773527	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.95E-08	5.92E-06	0.00E+00	5.49E-09	0.00E+00	1.26E-10	2.04E-07	0.00E+00	0.00E+00	5.92E-06
399	ALL	462109.4	3773518	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.94E-08	5.91E-06	0.00E+00	5.48E-09	0.00E+00	1.26E-10	2.03E-07	0.00E+00	0.00E+00	5.91E-06
400	ALL	462105.7	3773510	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.25E-10	1.25E-10	5.92E-08	5.90E-06	0.00E+00	5.47E-09	0.00E+00	1.25E-10	2.03E-07	0.00E+00	0.00E+00	5.90E-06
401	ALL	462102.1	3773501	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.93E-08	5.92E-06	0.00E+00	5.47E-09	0.00E+00	1.26E-10	2.03E-07	0.00E+00	0.00E+00	5.92E-06
402	ALL	462098.5	3773492	NonCancer	0.00E+00	1.78E-09	0.00E+00	1.26E-10	1.26E-10	5.94E-08	5.94E-06	0.00E+00	5.49E-09	0.00E+00	1.26E-10	2.03E-07	0.00E+00	0.00E+00	5.94E-06
403	ALL	462129.9	3773662	NonCancer	0.00E+00	1.65E-09	0.00E+00	1.17E-10	1.17E-10	5.51E-08	5.39E-06	0.00E+00	5.08E-09	0.00E+00	1.17E-10	1.89E-07	0.00E+00	0.00E+00	5.39E-06
404	ALL	462126.2	3773653	NonCancer	0.00E+00	1.66E-09	0.00E+00	1.17E-10	1.17E-10	5.53E-08	5.41E-06	0.00E+00	5.10E-09	0.00E+00	1.17E-10	1.89E-07	0.00E+00	0.00E+00	5.41E-06
405	ALL	462122.6	3773645	NonCancer	0.00E+00	1.65E-09	0.00E+00	1.17E-10	1.17E-10	5.52E-08	5.41E-06	0.00E+00	5.10E-09	0.00E+00	1.17E-10	1.89E-07	0.00E+00	0.00E+00	5.41E-06
406	ALL	462119	3773636	NonCancer	0.00E+00	1.65E-09	0.00E+00	1.17E-10	1.17E-10	5.51E-08	5.40E-06	0.00E+00	5.09E-09	0.00E+00	1.17E-10	1.89E-07	0.00E+00	0.00E+00	5.40E-06
407	ALL	462115.3	3773627	NonCancer	0.00E+00	1.65E-09	0.00E+00	1.17E-10	1.17E-10	5.50E-08	5.40E-06	0.00E+00	5.08E-09	0.00E+00	1.17E-10	1.88E-07	0.00E+00	0.00E+00	5.40E-06
408	ALL	462111.7	3773619	NonCancer	0.00E+00	1.66E-09	0.00E+00	1.17E-10	1.17E-10	5.53E-08	5.43E-06	0.00E+00	5.10E-09	0.00E+00	1.17E-10	1.89E-07	0.00E+00	0.00E+00	5.43E-06
409	ALL	462108	3773610	NonCancer	0.00E+00	1.67E-09	0.00E+00	1.18E-10	1.18E-10	5.56E-08	5.47E-06	0.00E+00	5.13E-09	0.00E+00	1.18E-10	1.90E-07	0.00E+00	0.00E+00	5.47E-06
410	ALL	462104.4	3773602	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.18E-10	1.18E-10	5.59E-08	5.50E-06	0.00E+00	5.16E-09	0.00E+00	1.18E-10	1.91E-07	0.00E+00	0.00E+00	5.50E-06
411	ALL	462100.8	3773593	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.61E-08	5.53E-06	0.00E+00	5.18E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.53E-06
412	ALL	462097.1	3773584	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.60E-08	5.52E-06	0.00E+00	5.17E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.52E-06
413	ALL	462093.5	3773576	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.18E-10	1.18E-10	5.59E-08	5.51E-06	0.00E+00	5.16E-09	0.00E+00	1.18E-10	1.91E-07	0.00E+00	0.00E+00	5.51E-06
414	ALL	462089.9	3773567	NonCancer	0.00E+00	1.67E-09	0.00E+00	1.18E-10	1.18E-10	5.58E-08	5.51E-06	0.00E+00	5.15E-09	0.00E+00	1.18E-10	1.91E-07	0.00E+00	0.00E+00	5.51E-06
415	ALL	462086.2	3773559	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.60E-08	5.54E-06	0.00E+00	5.17E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.54E-06
416	ALL	462082.6	3773550	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.19E-10	1.19E-10	5.62E-08	5.57E-06	0.00E+00	5.19E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.57E-06
417	ALL	462079	3773541	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.20E-10	1.20E-10	5.64E-08	5.59E-06	0.00E+00	5.21E-09	0.00E+00	1.20E-10	1.93E-07	0.00E+00	0.00E+00	5.59E-06
418	ALL	462075.3	3773533	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.20E-10	1.20E-10	5.65E-08	5.61E-06	0.00E+00	5.21E-09	0.00E+00	1.20E-10	1.93E-07	0.00E+00	0.00E+00	5.61E-06
419	ALL	462071.7	3773524	NonCancer	0.00E+00	1.69E-09	0.00E+00	1.19E-10	1.19E-10	5.63E-08	5.60E-06	0.00E+00	5.20E-09	0.00E+00	1.19E-10	1.93E-07	0.00E+00	0.00E+00	5.60E-06
420	ALL	462068	3773516	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.62E-08	5.59E-06	0.00E+00	5.19E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.59E-06
421	ALL	462064.4	3773507	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.19E-10	1.19E-10	5.60E-08	5.58E-06	0.00E+00	5.17E-09	0.00E+00	1.19E-10	1.92E-07	0.00E+00	0.00E+00	5.58E-06
422	ALL	462060.8	3773498	NonCancer	0.00E+00	1.68E-09	0.00E+00	1.18E-10	1.18E-10	5.59E-08	5.57E-06	0.00E+00	5.16E-09	0.00E+00	1.18E-10	1.91E-07	0.00E+00	0.00E+00	5.57E-06
423	ALL	462091.3	3773666	NonCancer	0.00E+00	1.57E-09	0.00E+00	1.11E-10	1.11E-10	5.22E-08	5.10E-06	0.00E+00	4.82E-09	0.00E+00	1.11E-10	1.79E-07	0.00E+00	0.00E+00	5.10E-06
424	ALL	462087.6	3773657	NonCancer	0.00E+00	1.57E-09	0.00E+00	1.11E-10	1.11E-10	5.25E-08	5.13E-06	0.00E+00	4.85E-09	0.00E+00	1.11E-10	1.80E-07	0.00E+00	0.00E+00	5.13E-06
425	ALL	462084	3773648	NonCancer	0.00E+00	1.57E-09	0.00E+00	1.11E-10	1.11E-10	5.25E-08	5.13E-06	0.00E+00	4.84E-09	0.00E+00	1.11E-10	1.80E-07	0.00E+00	0.00E+00	5.13E-06
426	ALL	462080.4	3773640	NonCancer	0.00E+00	1.57E-09	0.00E+00	1.11E-10	1.11E-10	5.24E-08	5.13E-06	0.00E+00	4.84E-09	0.00E+00	1.11E-10	1.79E-07	0.00E+00	0.00E+00	5.13E-06
427	ALL	462076.7	3773631	NonCancer	0.00E+00	1.57E-09	0.00E+00	1.11E-10	1.11E-10	5.23E-08	5.12E-06	0.00E+00	4.83E-09	0.00E+00	1.11E-10	1.79E-07	0.00E+00	0.00E+00	5.12E-06
428	ALL	462073.1	3773622	NonCancer	0.00E+00	1.57E-09	0.00E+00	1.11E-10	1.11E-10	5.24E-08	5.14E-06	0.00E+00	4.84E-09	0.00E+00	1.11E-10	1.79E-07	0.00E+00	0.00E+00	5.14E-06
429	ALL	462069.4	3773614	NonCancer	0.00E+00	1.58E-09	0.00E+00	1.12E-10	1.12E-10	5.27E-08	5.17E-06	0.00E+00	4.86E-09	0.00E+00	1.12E-10	1.80E-07	0.00E+00	0.00E+00	5.17E-06
430	ALL	462065.8	3773605	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.12E-10	1.12E-10	5.30E-08	5.20E-06	0.00E+00	4.89E-09	0.00E+00	1.12E-10	1.81E-07	0.00E+00	0.00E+00	5.20E-06

431	ALL	462062.1	3773597	NonCancer	0.00E+00	1.60E-09	0.00E+00	1.13E-10	1.13E-10	5.33E-08	5.24E-06	0.00E+00	4.92E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.24E-06
432	ALL	462058.5	3773588	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.13E-10	1.13E-10	5.32E-08	5.24E-06	0.00E+00	4.91E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.24E-06
433	ALL	462054.9	3773579	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.12E-10	1.12E-10	5.31E-08	5.23E-06	0.00E+00	4.90E-09	0.00E+00	1.12E-10	1.82E-07	0.00E+00	0.00E+00	5.23E-06
434	ALL	462051.2	3773571	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.12E-10	1.12E-10	5.30E-08	5.22E-06	0.00E+00	4.89E-09	0.00E+00	1.12E-10	1.81E-07	0.00E+00	0.00E+00	5.22E-06
435	ALL	462047.6	3773562	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.12E-10	1.12E-10	5.29E-08	5.22E-06	0.00E+00	4.89E-09	0.00E+00	1.12E-10	1.81E-07	0.00E+00	0.00E+00	5.22E-06
436	ALL	462043.9	3773554	NonCancer	0.00E+00	1.58E-09	0.00E+00	1.12E-10	1.12E-10	5.28E-08	5.22E-06	0.00E+00	4.88E-09	0.00E+00	1.12E-10	1.81E-07	0.00E+00	0.00E+00	5.22E-06
437	ALL	462040.3	3773545	NonCancer	0.00E+00	1.58E-09	0.00E+00	1.12E-10	1.12E-10	5.27E-08	5.20E-06	0.00E+00	4.86E-09	0.00E+00	1.12E-10	1.80E-07	0.00E+00	0.00E+00	5.20E-06
438	ALL	462036.7	3773536	NonCancer	0.00E+00	1.57E-09	0.00E+00	1.11E-10	1.11E-10	5.25E-08	5.19E-06	0.00E+00	4.85E-09	0.00E+00	1.11E-10	1.80E-07	0.00E+00	0.00E+00	5.19E-06
439	ALL	462033	3773528	NonCancer	0.00E+00	1.58E-09	0.00E+00	1.12E-10	1.12E-10	5.27E-08	5.22E-06	0.00E+00	4.87E-09	0.00E+00	1.12E-10	1.81E-07	0.00E+00	0.00E+00	5.22E-06
440	ALL	462029.4	3773519	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.12E-10	1.12E-10	5.29E-08	5.25E-06	0.00E+00	4.89E-09	0.00E+00	1.12E-10	1.81E-07	0.00E+00	0.00E+00	5.25E-06
441	ALL	462025.7	3773510	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.12E-10	1.12E-10	5.31E-08	5.27E-06	0.00E+00	4.90E-09	0.00E+00	1.12E-10	1.82E-07	0.00E+00	0.00E+00	5.27E-06
442	ALL	462022.1	3773502	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.13E-10	1.13E-10	5.31E-08	5.28E-06	0.00E+00	4.90E-09	0.00E+00	1.13E-10	1.82E-07	0.00E+00	0.00E+00	5.28E-06
443	ALL	462018.5	3773493	NonCancer	0.00E+00	1.59E-09	0.00E+00	1.12E-10	1.12E-10	5.30E-08	5.27E-06	0.00E+00	4.89E-09	0.00E+00	1.12E-10	1.81E-07	0.00E+00	0.00E+00	5.27E-06

* MODELING OPTIONS USED: RegDFAULT CONC ELEV URBAN ADJ_U*
* PLOT FILE OF PERIOD VALUES FOR SOURCE GROUP: ALL
* FOR A TOTAL OF 443 RECEPTORS.
* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM HRS	NET ID
463443.12000	3773285.31000	1.0757960e-03	382.63	382.63	0.00	PERIOD	ALL	00043848	
463439.91000	3773293.98000	1.2365810e-03	382.92	382.92	0.00	PERIOD	ALL	00043848	
463436.70000	3773302.65000	1.4319640e-03	383.00	383.00	0.00	PERIOD	ALL	00043848	
463473.00000	3773285.57000	5.8390900e-04	382.14	382.14	0.00	PERIOD	ALL	00043848	
463469.76000	3773294.31000	6.2038130e-04	382.31	382.31	0.00	PERIOD	ALL	00043848	
463466.53000	3773303.04000	6.5751000e-04	382.56	382.56	0.00	PERIOD	ALL	00043848	
463463.29000	3773311.78000	6.9523350e-04	382.78	382.78	0.00	PERIOD	ALL	00043848	
463460.06000	3773320.51000	7.3388790e-04	382.93	382.93	0.00	PERIOD	ALL	00043848	
463456.82000	3773329.24000	7.7550580e-04	383.07	383.07	0.00	PERIOD	ALL	00043848	
463453.59000	3773337.98000	8.2257150e-04	383.34	383.34	0.00	PERIOD	ALL	00043848	
463450.35000	3773346.71000	8.7868840e-04	383.66	383.66	0.00	PERIOD	ALL	00043848	
463447.11000	3773355.45000	9.4776120e-04	383.97	383.97	0.00	PERIOD	ALL	00043848	
463443.88000	3773364.18000	1.0354450e-03	384.00	384.00	0.00	PERIOD	ALL	00043848	
463440.64000	3773372.91000	1.1524020e-03	384.00	384.00	0.00	PERIOD	ALL	00043848	
463437.41000	3773381.65000	1.3152060e-03	384.00	384.00	0.00	PERIOD	ALL	00043848	
463502.89000	3773285.80000	4.1660370e-04	382.00	382.00	0.00	PERIOD	ALL	00043848	
463499.64000	3773294.59000	4.3497480e-04	382.00	382.00	0.00	PERIOD	ALL	00043848	
463496.38000	3773303.38000	4.5345240e-04	382.23	382.23	0.00	PERIOD	ALL	00043848	
463493.12000	3773312.17000	4.7161690e-04	382.53	382.53	0.00	PERIOD	ALL	00043848	
463489.87000	3773320.97000	4.8925900e-04	382.82	382.82	0.00	PERIOD	ALL	00043848	
463486.61000	3773329.76000	5.0638810e-04	383.00	383.00	0.00	PERIOD	ALL	00043848	
463483.35000	3773338.55000	5.2317430e-04	383.00	383.00	0.00	PERIOD	ALL	00043848	
463480.09000	3773347.34000	5.4005770e-04	383.00	383.00	0.00	PERIOD	ALL	00043848	
463476.84000	3773356.13000	5.5753070e-04	383.09	383.09	0.00	PERIOD	ALL	00043848	
463473.58000	3773364.92000	5.7647210e-04	383.43	383.43	0.00	PERIOD	ALL	00043848	
463470.32000	3773373.72000	5.9739610e-04	383.71	383.71	0.00	PERIOD	ALL	00043848	
463467.07000	3773382.51000	6.2076090e-04	383.93	383.93	0.00	PERIOD	ALL	00043848	
463463.81000	3773391.30000	6.4755760e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463460.55000	3773400.09000	6.7882640e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463457.30000	3773408.88000	7.1571550e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463454.04000	3773417.67000	7.6028120e-04	384.04	384.04	0.00	PERIOD	ALL	00043848	
463450.78000	3773426.47000	8.1578440e-04	384.34	384.34	0.00	PERIOD	ALL	00043848	
463447.52000	3773435.26000	8.8531860e-04	384.66	384.66	0.00	PERIOD	ALL	00043848	
463444.27000	3773444.05000	9.7372490e-04	384.94	384.94	0.00	PERIOD	ALL	00043848	
463441.01000	3773452.84000	1.0911860e-03	385.00	385.00	0.00	PERIOD	ALL	00043848	
463533.20000	3773284.92000	3.2470390e-04	382.00	382.00	0.00	PERIOD	ALL	00043848	
463530.00000	3773293.55000	3.3603450e-04	382.00	382.00	0.00	PERIOD	ALL	00043848	
463526.80000	3773302.17000	3.4743360e-04	382.19	382.19	0.00	PERIOD	ALL	00043848	
463523.61000	3773310.80000	3.5869280e-04	382.48	382.48	0.00	PERIOD	ALL	00043848	
463520.41000	3773319.43000	3.6974820e-04	382.77	382.77	0.00	PERIOD	ALL	00043848	
463517.22000	3773328.06000	3.8038990e-04	383.00	383.00	0.00	PERIOD	ALL	00043848	
463514.02000	3773336.69000	3.9060440e-04	383.00	383.00	0.00	PERIOD	ALL	00043848	
463510.82000	3773345.31000	4.0038880e-04	383.00	383.00	0.00	PERIOD	ALL	00043848	
463507.63000	3773353.94000	4.0978450e-04	383.00	383.00	0.00	PERIOD	ALL	00043848	
463504.43000	3773362.57000	4.1902180e-04	383.21	383.21	0.00	PERIOD	ALL	00043848	
463501.23000	3773371.20000	4.2824430e-04	383.50	383.50	0.00	PERIOD	ALL	00043848	
463498.04000	3773379.82000	4.3768660e-04	383.78	383.78	0.00	PERIOD	ALL	00043848	
463494.84000	3773388.45000	4.4743410e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463491.65000	3773397.08000	4.5754320e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463488.45000	3773405.71000	4.6847440e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463485.25000	3773414.33000	4.8040000e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463482.06000	3773422.96000	4.9358610e-04	384.20	384.20	0.00	PERIOD	ALL	00043848	
463478.86000	3773431.59000	5.0831520e-04	384.51	384.51	0.00	PERIOD	ALL	00043848	
463475.66000	3773440.22000	5.2492340e-04	384.80	384.80	0.00	PERIOD	ALL	00043848	
463472.47000	3773448.85000	5.4344350e-04	385.00	385.00	0.00	PERIOD	ALL	00043848	
463563.09000	3773285.14000	2.6728180e-04	381.71	381.71	0.00	PERIOD	ALL	00043848	
463559.88000	3773293.82000	2.7519140e-04	381.94	381.94	0.00	PERIOD	ALL	00043848	
463556.66000	3773302.50000	2.8318900e-04	382.09	382.09	0.00	PERIOD	ALL	00043848	
463553.44000	3773311.19000	2.9116100e-04	382.27	382.27	0.00	PERIOD	ALL	00043848	
463550.23000	3773319.87000	2.9898050e-04	382.51	382.51	0.00	PERIOD	ALL	00043848	
463547.01000	3773328.55000	3.0662450e-04	382.77	382.77	0.00	PERIOD	ALL	00043848	
463543.79000	3773337.24000	3.1399710e-04	382.91	382.91	0.00	PERIOD	ALL	00043848	
463540.58000	3773345.92000	3.2102470e-04	382.99	382.99	0.00	PERIOD	ALL	00043848	
463537.36000	3773354.60000	3.2773950e-04	383.00	383.00	0.00	PERIOD	ALL	00043848	
463534.14000	3773363.29000	3.3413090e-04	383.04	383.04	0.00	PERIOD	ALL	00043848	
463530.92000	3773371.97000	3.4024920e-04	383.15	383.15	0.00	PERIOD	ALL	00043848	
463527.71000	3773380.66000	3.4614550e-04	383.32	383.32	0.00	PERIOD	ALL	00043848	
463524.49000	3773389.34000	3.5196230e-04	383.56	383.56	0.00	PERIOD	ALL	00043848	
463521.27000	3773398.02000	3.5776770e-04	383.76	383.76	0.00	PERIOD	ALL	00043848	
463518.06000	3773406.71000	3.6357680e-04	383.91	383.91	0.00	PERIOD	ALL	00043848	
463514.84000	3773415.39000	3.6957640e-04	383.99	383.99	0.00	PERIOD	ALL	00043848	
463511.62000	3773424.07000	3.7580870e-04	384.00	384.00	0.00	PERIOD	ALL	00043848	
463508.41000	3773432.76000	3.8236470e-04	384.02	384.02	0.00	PERIOD	ALL	00043848	
463505.19000	3773441.44000	3.8942370e-04	384.12	384.12	0.00	PERIOD	ALL	00043848	

463501.97000	3773450.12000	3.9702930e-04	384.26	384.26	0.00	PERIOD	ALL	00043848
463593.00000	3773285.33000	2.2689960e-04	381.63	381.63	0.00	PERIOD	ALL	00043848
463589.76000	3773294.07000	2.3279320e-04	381.92	381.92	0.00	PERIOD	ALL	00043848
463586.53000	3773302.80000	2.3875260e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463583.29000	3773311.53000	2.4474230e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463580.06000	3773320.27000	2.5067030e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463576.82000	3773329.00000	2.5649210e-04	382.09	382.09	0.00	PERIOD	ALL	00043848
463573.59000	3773337.74000	2.6211330e-04	382.38	382.38	0.00	PERIOD	ALL	00043848
463570.35000	3773346.47000	2.6753930e-04	382.67	382.67	0.00	PERIOD	ALL	00043848
463567.11000	3773355.20000	2.7273020e-04	382.97	382.97	0.00	PERIOD	ALL	00043848
463563.88000	3773363.94000	2.7767910e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463560.64000	3773372.67000	2.8239160e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463557.41000	3773381.41000	2.8684690e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463554.17000	3773390.14000	2.9109970e-04	383.13	383.13	0.00	PERIOD	ALL	00043848
463550.94000	3773398.88000	2.9516450e-04	383.42	383.42	0.00	PERIOD	ALL	00043848
463547.70000	3773407.61000	2.9915650e-04	383.71	383.71	0.00	PERIOD	ALL	00043848
463544.46000	3773416.34000	3.0309080e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463541.23000	3773425.08000	3.0694050e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463537.99000	3773433.81000	3.1084970e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463534.76000	3773442.55000	3.1482700e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463531.52000	3773451.28000	3.1896630e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463633.00000	3773285.25000	1.8821700e-04	381.56	381.56	0.00	PERIOD	ALL	00043848
463629.76000	3773293.98000	1.9240330e-04	381.92	381.92	0.00	PERIOD	ALL	00043848
463626.53000	3773302.72000	1.9666490e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463623.29000	3773311.45000	2.0096800e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463620.06000	3773320.19000	2.0525580e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463616.82000	3773328.92000	2.0949920e-04	382.09	382.09	0.00	PERIOD	ALL	00043848
463613.59000	3773337.66000	2.1362980e-04	382.38	382.38	0.00	PERIOD	ALL	00043848
463610.35000	3773346.39000	2.1766140e-04	382.67	382.67	0.00	PERIOD	ALL	00043848
463607.11000	3773355.12000	2.2156160e-04	382.96	382.96	0.00	PERIOD	ALL	00043848
463603.88000	3773363.86000	2.2533130e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463600.64000	3773372.59000	2.2894430e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463597.41000	3773381.33000	2.3236500e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463594.17000	3773390.06000	2.3560070e-04	383.12	383.12	0.00	PERIOD	ALL	00043848
463590.94000	3773398.79000	2.3863760e-04	383.42	383.42	0.00	PERIOD	ALL	00043848
463587.70000	3773407.53000	2.4154870e-04	383.71	383.71	0.00	PERIOD	ALL	00043848
463584.46000	3773416.26000	2.4433620e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463581.23000	3773425.00000	2.4696880e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463577.99000	3773433.73000	2.4952050e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463574.76000	3773442.47000	2.5199080e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463673.00000	3773285.17000	1.6029920e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463669.76000	3773293.90000	1.6347240e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463666.53000	3773302.64000	1.6666310e-04	381.21	381.21	0.00	PERIOD	ALL	00043848
463663.29000	3773311.37000	1.6987430e-04	381.50	381.50	0.00	PERIOD	ALL	00043848
463660.06000	3773320.11000	1.7308840e-04	381.79	381.79	0.00	PERIOD	ALL	00043848
463656.82000	3773328.84000	1.7629080e-04	382.08	382.08	0.00	PERIOD	ALL	00043848
463653.59000	3773337.57000	1.7944740e-04	382.37	382.37	0.00	PERIOD	ALL	00043848
463650.35000	3773346.31000	1.8255400e-04	382.67	382.67	0.00	PERIOD	ALL	00043848
463647.11000	3773355.04000	1.8558850e-04	382.96	382.96	0.00	PERIOD	ALL	00043848
463643.88000	3773363.78000	1.8856280e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463640.64000	3773372.51000	1.9144300e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463637.41000	3773381.25000	1.9419570e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463634.17000	3773389.98000	1.9681080e-04	383.12	383.12	0.00	PERIOD	ALL	00043848
463630.94000	3773398.71000	1.9926740e-04	383.41	383.41	0.00	PERIOD	ALL	00043848
463627.70000	3773407.45000	2.0161390e-04	383.70	383.70	0.00	PERIOD	ALL	00043848
463624.46000	3773416.18000	2.0384890e-04	383.99	383.99	0.00	PERIOD	ALL	00043848
463621.23000	3773424.92000	2.0595320e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463617.99000	3773433.65000	2.0795200e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463614.76000	3773442.39000	2.0983950e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463713.00000	3773285.09000	1.3906870e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463709.76000	3773293.82000	1.4154060e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463706.53000	3773302.56000	1.4402300e-04	381.21	381.21	0.00	PERIOD	ALL	00043848
463703.29000	3773311.29000	1.4652270e-04	381.50	381.50	0.00	PERIOD	ALL	00043848
463700.06000	3773320.03000	1.4902990e-04	381.79	381.79	0.00	PERIOD	ALL	00043848
463696.82000	3773328.76000	1.5153930e-04	382.06	382.06	0.00	PERIOD	ALL	00043848
463693.59000	3773337.49000	1.5402810e-04	382.32	382.32	0.00	PERIOD	ALL	00043848
463690.35000	3773346.23000	1.5648270e-04	382.65	382.65	0.00	PERIOD	ALL	00043848
463687.11000	3773354.96000	1.5890010e-04	382.95	382.95	0.00	PERIOD	ALL	00043848
463683.88000	3773363.70000	1.6129440e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463680.64000	3773372.43000	1.6363560e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463677.41000	3773381.17000	1.6589480e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463674.17000	3773389.90000	1.6805730e-04	383.12	383.12	0.00	PERIOD	ALL	00043848
463670.93000	3773398.63000	1.7010700e-04	383.41	383.41	0.00	PERIOD	ALL	00043848
463667.70000	3773407.37000	1.7206160e-04	383.70	383.70	0.00	PERIOD	ALL	00043848
463664.46000	3773416.10000	1.7393840e-04	383.99	383.99	0.00	PERIOD	ALL	00043848
463661.23000	3773424.84000	1.7571950e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463657.99000	3773433.57000	1.7740770e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463654.76000	3773442.30000	1.7899420e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463753.00000	3773285.01000	1.2241650e-04	380.62	380.62	0.00	PERIOD	ALL	00043848
463749.76000	3773293.74000	1.2437560e-04	380.91	380.91	0.00	PERIOD	ALL	00043848
463746.53000	3773302.48000	1.2635460e-04	381.20	381.20	0.00	PERIOD	ALL	00043848
463743.29000	3773311.21000	1.2835310e-04	381.50	381.50	0.00	PERIOD	ALL	00043848

463740.06000	3773319.95000	1.3036050e-04	381.79	381.79	0.00	PERIOD	ALL	00043848
463736.82000	3773328.68000	1.3237970e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463733.59000	3773337.41000	1.3441070e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463730.35000	3773346.15000	1.3643450e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463727.11000	3773354.88000	1.3843610e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463723.88000	3773363.62000	1.4037740e-04	382.24	382.24	0.00	PERIOD	ALL	00043848
463720.64000	3773372.35000	1.4227320e-04	382.53	382.53	0.00	PERIOD	ALL	00043848
463717.41000	3773381.08000	1.4411200e-04	382.84	382.84	0.00	PERIOD	ALL	00043848
463714.17000	3773389.82000	1.4590170e-04	383.12	383.12	0.00	PERIOD	ALL	00043848
463710.93000	3773398.55000	1.4762950e-04	383.41	383.41	0.00	PERIOD	ALL	00043848
463707.70000	3773407.29000	1.4928760e-04	383.70	383.70	0.00	PERIOD	ALL	00043848
463704.46000	3773416.02000	1.5089160e-04	383.99	383.99	0.00	PERIOD	ALL	00043848
463701.23000	3773424.76000	1.5242810e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463697.99000	3773433.49000	1.5389130e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463694.76000	3773442.22000	1.5527120e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463691.52000	3773450.96000	1.5657920e-04	384.00	384.00	0.00	PERIOD	ALL	00043848
463793.00000	3773284.93000	1.0896900e-04	380.62	380.62	0.00	PERIOD	ALL	00043848
463789.76000	3773293.66000	1.1056940e-04	380.91	380.91	0.00	PERIOD	ALL	00043848
463786.53000	3773302.40000	1.1219580e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463783.29000	3773311.13000	1.1384620e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463780.06000	3773319.86000	1.1550580e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463776.82000	3773328.60000	1.1716670e-04	381.16	381.16	0.00	PERIOD	ALL	00043848
463773.59000	3773337.33000	1.1881220e-04	381.49	381.49	0.00	PERIOD	ALL	00043848
463770.35000	3773346.07000	1.2045890e-04	381.76	381.76	0.00	PERIOD	ALL	00043848
463767.11000	3773354.80000	1.2209560e-04	381.97	381.97	0.00	PERIOD	ALL	00043848
463763.88000	3773363.54000	1.2371380e-04	382.13	382.13	0.00	PERIOD	ALL	00043848
463760.64000	3773372.27000	1.2530510e-04	382.34	382.34	0.00	PERIOD	ALL	00043848
463757.41000	3773381.00000	1.2685290e-04	382.61	382.61	0.00	PERIOD	ALL	00043848
463754.17000	3773389.74000	1.2836710e-04	382.87	382.87	0.00	PERIOD	ALL	00043848
463750.93000	3773398.47000	1.2985320e-04	382.97	382.97	0.00	PERIOD	ALL	00043848
463747.70000	3773407.21000	1.3128970e-04	383.05	383.05	0.00	PERIOD	ALL	00043848
463744.46000	3773415.94000	1.3267340e-04	383.17	383.17	0.00	PERIOD	ALL	00043848
463741.23000	3773424.67000	1.3399800e-04	383.28	383.28	0.00	PERIOD	ALL	00043848
463737.99000	3773433.41000	1.3526640e-04	383.39	383.39	0.00	PERIOD	ALL	00043848
463734.76000	3773442.14000	1.3646990e-04	383.50	383.50	0.00	PERIOD	ALL	00043848
463731.52000	3773450.88000	1.3761220e-04	383.66	383.66	0.00	PERIOD	ALL	00043848
463833.00000	3773284.85000	9.7907990e-05	380.62	380.62	0.00	PERIOD	ALL	00043848
463829.76000	3773293.58000	9.9239290e-05	380.91	380.91	0.00	PERIOD	ALL	00043848
463826.53000	3773302.32000	1.0058810e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463823.29000	3773311.05000	1.0195570e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463820.06000	3773319.78000	1.0333200e-04	381.00	381.00	0.00	PERIOD	ALL	00043848
463816.82000	3773328.52000	1.0471660e-04	381.07	381.07	0.00	PERIOD	ALL	00043848
463813.58000	3773337.25000	1.0609480e-04	381.36	381.36	0.00	PERIOD	ALL	00043848
463810.35000	3773345.99000	1.0746670e-04	381.66	381.66	0.00	PERIOD	ALL	00043848
463807.11000	3773354.72000	1.0883300e-04	381.95	381.95	0.00	PERIOD	ALL	00043848
463803.88000	3773363.45000	1.1019740e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463800.64000	3773372.19000	1.1155360e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463797.41000	3773380.92000	1.1288680e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463794.17000	3773389.66000	1.1419490e-04	382.06	382.06	0.00	PERIOD	ALL	00043848
463790.93000	3773398.39000	1.1546370e-04	382.25	382.25	0.00	PERIOD	ALL	00043848
463787.70000	3773407.13000	1.1668780e-04	382.51	382.51	0.00	PERIOD	ALL	00043848
463784.46000	3773415.86000	1.1787020e-04	382.83	382.83	0.00	PERIOD	ALL	00043848
463781.23000	3773424.59000	1.1902310e-04	382.96	382.96	0.00	PERIOD	ALL	00043848
463777.99000	3773433.33000	1.2014330e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463774.76000	3773442.06000	1.2121750e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463771.52000	3773450.80000	1.2224320e-04	383.04	383.04	0.00	PERIOD	ALL	00043848
463873.00000	3773284.77000	8.8655000e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
463869.76000	3773293.50000	8.9781980e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
463866.53000	3773302.23000	9.0920540e-05	380.28	380.28	0.00	PERIOD	ALL	00043848
463863.29000	3773310.97000	9.2070400e-05	380.60	380.60	0.00	PERIOD	ALL	00043848
463860.06000	3773319.70000	9.3224840e-05	380.85	380.85	0.00	PERIOD	ALL	00043848
463856.82000	3773328.44000	9.4388320e-05	381.03	381.03	0.00	PERIOD	ALL	00043848
463853.58000	3773337.17000	9.5555830e-05	381.19	381.19	0.00	PERIOD	ALL	00043848
463850.35000	3773345.91000	9.6720000e-05	381.42	381.42	0.00	PERIOD	ALL	00043848
463847.11000	3773354.64000	9.7880460e-05	381.71	381.71	0.00	PERIOD	ALL	00043848
463843.88000	3773363.37000	9.9033260e-05	381.89	381.89	0.00	PERIOD	ALL	00043848
463840.64000	3773372.11000	1.0018170e-04	381.98	381.98	0.00	PERIOD	ALL	00043848
463837.41000	3773380.84000	1.0131700e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463834.17000	3773389.58000	1.0244010e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463830.93000	3773398.31000	1.0354340e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463827.70000	3773407.05000	1.0462100e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463824.46000	3773415.78000	1.0567440e-04	382.00	382.00	0.00	PERIOD	ALL	00043848
463821.23000	3773424.51000	1.0667920e-04	382.27	382.27	0.00	PERIOD	ALL	00043848
463817.99000	3773433.25000	1.0764930e-04	382.56	382.56	0.00	PERIOD	ALL	00043848
463814.76000	3773441.98000	1.0857930e-04	382.85	382.85	0.00	PERIOD	ALL	00043848
463811.52000	3773450.72000	1.0948390e-04	383.00	383.00	0.00	PERIOD	ALL	00043848
463913.00000	3773284.69000	8.0804620e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
463909.76000	3773293.42000	8.1762090e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
463906.53000	3773302.15000	8.2733670e-05	380.19	380.19	0.00	PERIOD	ALL	00043848
463903.29000	3773310.89000	8.3717960e-05	380.49	380.49	0.00	PERIOD	ALL	00043848
463900.06000	3773319.62000	8.4704520e-05	380.78	380.78	0.00	PERIOD	ALL	00043848
463896.82000	3773328.36000	8.5696930e-05	381.00	381.00	0.00	PERIOD	ALL	00043848

463893.58000	3773337.09000	8.6691330e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
463890.35000	3773345.83000	8.7686830e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
463887.11000	3773354.56000	8.8684460e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
463883.88000	3773363.29000	8.9676440e-05	381.12	381.12	0.00	PERIOD	ALL	00043848
463880.64000	3773372.03000	9.0664050e-05	381.33	381.33	0.00	PERIOD	ALL	00043848
463877.41000	3773380.76000	9.1638030e-05	381.60	381.60	0.00	PERIOD	ALL	00043848
463874.17000	3773389.50000	9.2600940e-05	381.87	381.87	0.00	PERIOD	ALL	00043848
463870.93000	3773398.23000	9.3552190e-05	381.97	381.97	0.00	PERIOD	ALL	00043848
463867.70000	3773406.96000	9.4486380e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
463864.46000	3773415.70000	9.5405220e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
463861.23000	3773424.43000	9.6296940e-05	382.08	382.08	0.00	PERIOD	ALL	00043848
463857.99000	3773433.17000	9.7164130e-05	382.22	382.22	0.00	PERIOD	ALL	00043848
463854.76000	3773441.90000	9.7998190e-05	382.42	382.42	0.00	PERIOD	ALL	00043848
463851.52000	3773450.64000	9.8801960e-05	382.66	382.66	0.00	PERIOD	ALL	00043848
463953.00000	3773284.61000	7.4075370e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
463949.76000	3773293.34000	7.4896010e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
463946.53000	3773302.07000	7.5728830e-05	380.08	380.08	0.00	PERIOD	ALL	00043848
463943.29000	3773310.81000	7.6576110e-05	380.26	380.26	0.00	PERIOD	ALL	00043848
463940.06000	3773319.54000	7.7429060e-05	380.51	380.51	0.00	PERIOD	ALL	00043848
463936.82000	3773328.28000	7.8287480e-05	380.78	380.78	0.00	PERIOD	ALL	00043848
463933.58000	3773337.01000	7.9144400e-05	380.92	380.92	0.00	PERIOD	ALL	00043848
463930.35000	3773345.74000	7.9999900e-05	380.99	380.99	0.00	PERIOD	ALL	00043848
463927.11000	3773354.48000	8.0857470e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
463923.88000	3773363.21000	8.1712260e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
463920.64000	3773371.95000	8.2566730e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
463917.41000	3773380.68000	8.3414370e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
463914.17000	3773389.42000	8.4256890e-05	381.10	381.10	0.00	PERIOD	ALL	00043848
463910.93000	3773398.15000	8.5088370e-05	381.39	381.39	0.00	PERIOD	ALL	00043848
463907.70000	3773406.88000	8.5903520e-05	381.68	381.68	0.00	PERIOD	ALL	00043848
463904.46000	3773415.62000	8.6704350e-05	381.98	381.98	0.00	PERIOD	ALL	00043848
463901.23000	3773424.35000	8.7489940e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
463897.99000	3773433.09000	8.8260320e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
463894.76000	3773441.82000	8.9009030e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
463891.52000	3773450.55000	8.9734240e-05	382.14	382.14	0.00	PERIOD	ALL	00043848
463993.00000	3773284.52000	6.8224320e-05	379.61	379.61	0.00	PERIOD	ALL	00043848
463989.76000	3773293.26000	6.8953520e-05	379.90	379.90	0.00	PERIOD	ALL	00043848
463986.53000	3773301.99000	6.9676190e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
463983.29000	3773310.73000	7.0401980e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
463980.06000	3773319.46000	7.1133090e-05	380.00	380.00	0.00	PERIOD	ALL	00043848
463976.82000	3773328.20000	7.1874330e-05	380.06	380.06	0.00	PERIOD	ALL	00043848
463973.58000	3773336.93000	7.2629320e-05	380.35	380.35	0.00	PERIOD	ALL	00043848
463970.35000	3773345.66000	7.3382170e-05	380.64	380.64	0.00	PERIOD	ALL	00043848
463967.11000	3773354.40000	7.4135970e-05	380.94	380.94	0.00	PERIOD	ALL	00043848
463963.88000	3773363.13000	7.4878550e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
463960.64000	3773371.87000	7.5619800e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
463957.41000	3773380.60000	7.6356630e-05	381.00	381.00	0.00	PERIOD	ALL	00043848
463954.17000	3773389.33000	7.7092850e-05	381.10	381.10	0.00	PERIOD	ALL	00043848
463950.93000	3773398.07000	7.7825830e-05	381.39	381.39	0.00	PERIOD	ALL	00043848
463947.70000	3773406.80000	7.8545870e-05	381.68	381.68	0.00	PERIOD	ALL	00043848
463944.46000	3773415.54000	7.9255190e-05	381.97	381.97	0.00	PERIOD	ALL	00043848
463941.23000	3773424.27000	7.9947250e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
463937.99000	3773433.01000	8.0628000e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
463934.76000	3773441.74000	8.1292350e-05	382.00	382.00	0.00	PERIOD	ALL	00043848
463931.52000	3773450.47000	8.1941620e-05	382.13	382.13	0.00	PERIOD	ALL	00043848
462814.05000	3773505.24000	1.2765490e-04	387.96	387.96	0.00	PERIOD	ALL	00043848
462805.43000	3773501.69000	1.2635640e-04	387.85	387.85	0.00	PERIOD	ALL	00043848
462796.81000	3773498.14000	1.2501920e-04	387.73	387.73	0.00	PERIOD	ALL	00043848
462788.19000	3773494.59000	1.2358090e-04	387.63	387.63	0.00	PERIOD	ALL	00043848
462779.57000	3773491.05000	1.2179340e-04	387.66	387.66	0.00	PERIOD	ALL	00043848
462770.95000	3773487.50000	1.1981290e-04	387.76	387.76	0.00	PERIOD	ALL	00043848
462814.24000	3773535.32000	1.1504320e-04	388.97	388.97	0.00	PERIOD	ALL	00043848
462805.64000	3773531.77000	1.1412110e-04	388.85	388.85	0.00	PERIOD	ALL	00043848
462797.04000	3773528.23000	1.1315710e-04	388.73	388.73	0.00	PERIOD	ALL	00043848
462788.43000	3773524.69000	1.1215430e-04	388.61	388.61	0.00	PERIOD	ALL	00043848
462779.83000	3773521.15000	1.1112120e-04	388.49	388.49	0.00	PERIOD	ALL	00043848
462771.23000	3773517.61000	1.1002920e-04	388.38	388.38	0.00	PERIOD	ALL	00043848
462762.63000	3773514.07000	1.0893810e-04	388.26	388.26	0.00	PERIOD	ALL	00043848
462754.02000	3773510.53000	1.0779900e-04	388.14	388.14	0.00	PERIOD	ALL	00043848
462745.42000	3773506.99000	1.0660380e-04	388.02	388.02	0.00	PERIOD	ALL	00043848
462736.82000	3773503.45000	1.0513410e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462728.21000	3773499.91000	1.0359750e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462719.61000	3773496.37000	1.0205190e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462711.01000	3773492.83000	1.0049780e-04	388.00	388.00	0.00	PERIOD	ALL	00043848
462702.41000	3773489.29000	9.8937800e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462813.81000	3773565.14000	1.0673630e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462805.17000	3773561.58000	1.0568100e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462796.53000	3773558.03000	1.0459160e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462787.89000	3773554.47000	1.0347450e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462779.26000	3773550.92000	1.0232900e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462770.62000	3773547.36000	1.0115720e-04	389.00	389.00	0.00	PERIOD	ALL	00043848
462761.98000	3773543.81000	9.9959150e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462753.34000	3773540.25000	9.8741340e-05	389.00	389.00	0.00	PERIOD	ALL	00043848

462744.70000	3773536.70000	9.7501940e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462736.06000	3773533.14000	9.6495550e-05	388.89	388.89	0.00	PERIOD	ALL	00043848
462727.43000	3773529.59000	9.5472950e-05	388.78	388.78	0.00	PERIOD	ALL	00043848
462718.79000	3773526.03000	9.4458990e-05	388.66	388.66	0.00	PERIOD	ALL	00043848
462710.15000	3773522.48000	9.3432200e-05	388.54	388.54	0.00	PERIOD	ALL	00043848
462701.51000	3773518.92000	9.2398210e-05	388.42	388.42	0.00	PERIOD	ALL	00043848
462692.87000	3773515.37000	9.1355860e-05	388.30	388.30	0.00	PERIOD	ALL	00043848
462684.23000	3773511.81000	9.0302350e-05	388.18	388.18	0.00	PERIOD	ALL	00043848
462675.60000	3773508.26000	8.9214900e-05	388.06	388.06	0.00	PERIOD	ALL	00043848
462666.96000	3773504.70000	8.7990390e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462661.88000	3773495.50000	8.8222550e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462762.25000	3773573.92000	9.3305840e-05	389.25	389.25	0.00	PERIOD	ALL	00043848
462753.63000	3773570.37000	9.2537490e-05	389.13	389.13	0.00	PERIOD	ALL	00043848
462745.01000	3773566.82000	9.1716360e-05	389.02	389.02	0.00	PERIOD	ALL	00043848
462736.38000	3773563.27000	9.0687830e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462727.76000	3773559.72000	8.9605270e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462719.14000	3773556.18000	8.8508650e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462710.51000	3773552.63000	8.7401050e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462701.89000	3773549.08000	8.6286280e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462693.27000	3773545.53000	8.5164120e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462684.64000	3773541.98000	8.4034110e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462676.02000	3773538.43000	8.2901800e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462667.40000	3773534.88000	8.1860020e-05	388.95	388.95	0.00	PERIOD	ALL	00043848
462658.77000	3773531.33000	8.0944350e-05	388.83	388.83	0.00	PERIOD	ALL	00043848
462650.15000	3773527.79000	8.0008500e-05	388.72	388.72	0.00	PERIOD	ALL	00043848
462642.59000	3773521.12000	7.9882700e-05	388.49	388.49	0.00	PERIOD	ALL	00043848
462638.96000	3773512.53000	8.0826150e-05	388.21	388.21	0.00	PERIOD	ALL	00043848
462635.33000	3773503.94000	8.1575340e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462631.71000	3773495.35000	8.1905630e-05	388.00	388.00	0.00	PERIOD	ALL	00043848
462683.85000	3773571.65000	7.9413260e-05	389.18	389.18	0.00	PERIOD	ALL	00043848
462675.20000	3773568.09000	7.8637880e-05	389.06	389.06	0.00	PERIOD	ALL	00043848
462666.55000	3773564.53000	7.7748560e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462657.90000	3773560.97000	7.6750720e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462649.24000	3773557.41000	7.5749330e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462640.59000	3773553.85000	7.4748900e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462631.94000	3773550.29000	7.3748880e-05	389.00	389.00	0.00	PERIOD	ALL	00043848
462200.27000	3773543.39000	3.2537580e-05	390.24	390.24	0.00	PERIOD	ALL	00043848
462196.63000	3773534.77000	3.2686960e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462192.99000	3773526.15000	3.2640920e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462189.35000	3773517.53000	3.2591430e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462185.71000	3773508.91000	3.2538380e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462182.07000	3773500.29000	3.2636850e-05	389.80	389.80	0.00	PERIOD	ALL	00043848
462178.43000	3773491.67000	3.2793330e-05	389.51	389.51	0.00	PERIOD	ALL	00043848
462202.55000	3773643.88000	2.9663690e-05	391.82	391.82	0.00	PERIOD	ALL	00043848
462198.92000	3773635.27000	2.9688780e-05	391.78	391.78	0.00	PERIOD	ALL	00043848
462195.28000	3773626.66000	2.9656590e-05	391.81	391.81	0.00	PERIOD	ALL	00043848
462191.65000	3773618.05000	2.9746040e-05	391.68	391.68	0.00	PERIOD	ALL	00043848
462188.01000	3773609.44000	2.9922790e-05	391.44	391.44	0.00	PERIOD	ALL	00043848
462184.38000	3773600.83000	3.0147200e-05	391.15	391.15	0.00	PERIOD	ALL	00043848
462180.74000	3773592.22000	3.0254490e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462177.10000	3773583.61000	3.0229460e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462173.47000	3773575.00000	3.0201710e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462169.83000	3773566.39000	3.0170660e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462166.20000	3773557.78000	3.0370760e-05	390.71	390.71	0.00	PERIOD	ALL	00043848
462162.56000	3773549.17000	3.0539440e-05	390.43	390.43	0.00	PERIOD	ALL	00043848
462158.93000	3773540.56000	3.0712480e-05	390.14	390.14	0.00	PERIOD	ALL	00043848
462155.29000	3773531.95000	3.0771620e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462151.65000	3773523.34000	3.0723270e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462148.02000	3773514.73000	3.0672270e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462144.38000	3773506.12000	3.0625240e-05	389.99	389.99	0.00	PERIOD	ALL	00043848
462140.75000	3773497.51000	3.0768030e-05	389.71	389.71	0.00	PERIOD	ALL	00043848
462171.25000	3773664.83000	2.7830110e-05	392.17	392.17	0.00	PERIOD	ALL	00043848
462167.61000	3773656.21000	2.7944310e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462163.97000	3773647.59000	2.7937130e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462160.33000	3773638.97000	2.7927560e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462156.69000	3773630.35000	2.7915530e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462153.05000	3773621.73000	2.8007270e-05	391.85	391.85	0.00	PERIOD	ALL	00043848
462149.41000	3773613.11000	2.8201820e-05	391.56	391.56	0.00	PERIOD	ALL	00043848
462145.77000	3773604.49000	2.8403640e-05	391.27	391.27	0.00	PERIOD	ALL	00043848
462142.13000	3773595.87000	2.8595940e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462138.49000	3773587.25000	2.8569170e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462134.85000	3773578.63000	2.8539820e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462131.21000	3773570.01000	2.8507780e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462127.57000	3773561.39000	2.8598260e-05	390.84	390.84	0.00	PERIOD	ALL	00043848
462123.93000	3773552.77000	2.8764660e-05	390.55	390.55	0.00	PERIOD	ALL	00043848
462120.29000	3773544.15000	2.8923130e-05	390.26	390.26	0.00	PERIOD	ALL	00043848
462116.65000	3773535.53000	2.9059610e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462113.01000	3773526.91000	2.9012150e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462109.37000	3773518.29000	2.8962270e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462105.73000	3773509.67000	2.8909750e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462102.09000	3773501.04000	2.8976540e-05	389.82	389.82	0.00	PERIOD	ALL	00043848
462098.45000	3773492.42000	2.9094000e-05	389.55	389.55	0.00	PERIOD	ALL	00043848

462129.86000	3773661.91000	2.6365230e-05	392.19	392.19	0.00	PERIOD	ALL	00043848
462126.23000	3773653.30000	2.6480510e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462122.59000	3773644.69000	2.6468580e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462118.95000	3773636.08000	2.6454260e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462115.32000	3773627.47000	2.6438150e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462111.68000	3773618.85000	2.6586930e-05	391.75	391.75	0.00	PERIOD	ALL	00043848
462108.04000	3773610.24000	2.6767490e-05	391.46	391.46	0.00	PERIOD	ALL	00043848
462104.41000	3773601.63000	2.6948260e-05	391.18	391.18	0.00	PERIOD	ALL	00043848
462100.77000	3773593.02000	2.7056870e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462097.13000	3773584.41000	2.7027050e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462093.50000	3773575.80000	2.6995470e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462089.86000	3773567.18000	2.6961360e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462086.22000	3773558.57000	2.7109830e-05	390.74	390.74	0.00	PERIOD	ALL	00043848
462082.59000	3773549.96000	2.7258540e-05	390.45	390.45	0.00	PERIOD	ALL	00043848
462078.95000	3773541.35000	2.7396910e-05	390.17	390.17	0.00	PERIOD	ALL	00043848
462075.32000	3773532.74000	2.7462720e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462071.68000	3773524.13000	2.7414980e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462068.04000	3773515.51000	2.7352040e-05	390.02	390.02	0.00	PERIOD	ALL	00043848
462064.41000	3773506.90000	2.7313260e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462060.77000	3773498.29000	2.7259000e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462091.27000	3773665.60000	2.4959910e-05	392.31	392.31	0.00	PERIOD	ALL	00043848
462087.63000	3773656.98000	2.5125750e-05	392.02	392.02	0.00	PERIOD	ALL	00043848
462083.99000	3773648.36000	2.5124270e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462080.35000	3773639.74000	2.5108200e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462076.70000	3773631.12000	2.5089850e-05	392.00	392.00	0.00	PERIOD	ALL	00043848
462073.06000	3773622.49000	2.5151370e-05	391.87	391.87	0.00	PERIOD	ALL	00043848
462069.42000	3773613.87000	2.5315490e-05	391.58	391.58	0.00	PERIOD	ALL	00043848
462065.78000	3773605.25000	2.5479270e-05	391.30	391.30	0.00	PERIOD	ALL	00043848
462062.14000	3773596.63000	2.5655600e-05	391.01	391.01	0.00	PERIOD	ALL	00043848
462058.50000	3773588.01000	2.5632910e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462054.86000	3773579.39000	2.5601020e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462051.22000	3773570.77000	2.5567170e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462047.58000	3773562.15000	2.5559290e-05	390.96	390.96	0.00	PERIOD	ALL	00043848
462043.94000	3773553.53000	2.5535310e-05	390.94	390.94	0.00	PERIOD	ALL	00043848
462040.30000	3773544.90000	2.5468120e-05	390.98	390.98	0.00	PERIOD	ALL	00043848
462036.66000	3773536.28000	2.5412890e-05	391.00	391.00	0.00	PERIOD	ALL	00043848
462033.02000	3773527.66000	2.5558680e-05	390.71	390.71	0.00	PERIOD	ALL	00043848
462029.38000	3773519.04000	2.5685850e-05	390.42	390.42	0.00	PERIOD	ALL	00043848
462025.74000	3773510.42000	2.5804430e-05	390.14	390.14	0.00	PERIOD	ALL	00043848
462022.10000	3773501.80000	2.5837430e-05	390.00	390.00	0.00	PERIOD	ALL	00043848
462018.46000	3773493.18000	2.5784010e-05	390.00	390.00	0.00	PERIOD	ALL	00043848

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** AERMAP - VERSION 18081                                                    07/29/24
**                                                                          15:54:41
**  Project: CONSTRUCTION
**
** A total of       1  DEM files were used
** A total of    5584  receptors were processed
** No user-specifed DOMAIN; all available data used
** ANCHORXY  0.00  0.00  0.00  0.00  11 3
** TERRHGTS  EXTRACT

RE ELEVUNIT METERS
   DISCCART     463037.24   3773493.36     386.57     386.57
   DISCCART     463090.56   3773488.92     386.42     386.42
   DISCCART     463077.31   3773495.00     386.62     386.62
   DISCCART     463064.06   3773501.07     386.82     386.82
   DISCCART     463050.81   3773507.14     387.01     387.01
   DISCCART     463037.55   3773513.21     387.17     387.17
   DISCCART     463134.25   3773488.91     386.42     386.42
   DISCCART     463121.26   3773494.86     386.62     386.62
   DISCCART     463108.28   3773500.81     386.82     386.82
   DISCCART     463095.30   3773506.76     387.00     387.00
   DISCCART     463082.32   3773512.70     387.00     387.00
   DISCCART     463069.33   3773518.65     387.00     387.00
   DISCCART     463056.35   3773524.60     387.07     387.07
   DISCCART     463043.37   3773530.55     387.44     387.44
   DISCCART     463195.14   3773491.01     386.49     386.49
   DISCCART     463181.99   3773497.04     386.69     386.69
   DISCCART     463168.84   3773503.06     386.89     386.89
   DISCCART     463155.68   3773509.09     387.00     387.00
   DISCCART     463142.53   3773515.12     387.00     387.00
   DISCCART     463129.38   3773521.14     387.00     387.00
   DISCCART     463116.22   3773527.17     387.00     387.00
   DISCCART     463103.07   3773533.19     387.00     387.00
   DISCCART     463089.92   3773539.22     387.10     387.10
   DISCCART     463076.76   3773545.25     387.30     387.30
   DISCCART     463063.61   3773551.27     387.50     387.50
   DISCCART     463050.46   3773557.30     387.79     387.79
   DISCCART     463037.30   3773563.32     387.97     387.97
   DISCCART     463257.58   3773492.41     386.00     386.00
   DISCCART     463244.60   3773498.36     386.00     386.00
   DISCCART     463231.61   3773504.30     386.25     386.25
   DISCCART     463218.63   3773510.25     386.74     386.74
   DISCCART     463205.65   3773516.20     387.00     387.00
   DISCCART     463192.67   3773522.15     387.00     387.00
   DISCCART     463179.68   3773528.10     387.00     387.00
   DISCCART     463166.70   3773534.04     387.00     387.00
   DISCCART     463153.72   3773539.99     387.11     387.11
   DISCCART     463140.74   3773545.94     387.32     387.32
   DISCCART     463127.75   3773551.89     387.52     387.52
   DISCCART     463114.77   3773557.83     387.72     387.72
   DISCCART     463101.79   3773563.78     387.91     387.91
   DISCCART     463088.81   3773569.73     388.00     388.00
   DISCCART     463075.82   3773575.68     388.00     388.00
   DISCCART     463062.84   3773581.63     388.00     388.00
   DISCCART     463049.86   3773587.57     388.00     388.00
   DISCCART     463036.88   3773593.52     388.00     388.00
   DISCCART     463293.21   3773506.09     386.00     386.00
   DISCCART     463280.08   3773512.10     386.19     386.19
   DISCCART     463266.96   3773518.11     386.39     386.39
   DISCCART     463253.83   3773524.13     386.59     386.59
   DISCCART     463240.70   3773530.14     386.79     386.79
   DISCCART     463227.58   3773536.15     387.00     387.00
   DISCCART     463214.45   3773542.17     387.00     387.00
   DISCCART     463201.32   3773548.18     387.00     387.00
   DISCCART     463188.20   3773554.20     387.00     387.00
   DISCCART     463175.07   3773560.21     387.12     387.12
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DISCCART	463148.81	3773572.24	388.00	388.00
DISCCART	463135.69	3773578.25	388.00	388.00
DISCCART	463122.56	3773584.27	388.00	388.00
DISCCART	463109.43	3773590.28	388.00	388.00
DISCCART	463096.31	3773596.29	388.00	388.00
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DISCCART	463070.05	3773608.32	388.40	388.40
DISCCART	463056.93	3773614.33	388.60	388.60
DISCCART	463043.80	3773620.35	388.80	388.80
DISCCART	463304.53	3773497.56	386.00	386.00
DISCCART	463315.87	3773525.71	386.30	386.30
DISCCART	463302.61	3773531.78	386.76	386.76
DISCCART	463289.36	3773537.85	387.00	387.00
DISCCART	463276.11	3773543.92	387.00	387.00
DISCCART	463262.85	3773549.99	387.00	387.00
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DISCCART	463223.10	3773568.21	387.06	387.06
DISCCART	463209.84	3773574.28	387.26	387.26
DISCCART	463196.59	3773580.35	387.47	387.47
DISCCART	463183.34	3773586.42	387.67	387.67
DISCCART	463170.08	3773592.49	387.91	387.91
DISCCART	463156.83	3773598.57	388.00	388.00
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DISCCART	463338.66	3773545.26	386.30	386.30
DISCCART	463325.55	3773551.27	386.57	386.57
DISCCART	463312.44	3773557.27	386.87	386.87
DISCCART	463299.34	3773563.28	387.00	387.00
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DISCCART	463273.12	3773575.29	387.30	387.30
DISCCART	463260.01	3773581.29	387.50	387.50
DISCCART	463246.91	3773587.30	387.70	387.70
DISCCART	463233.80	3773593.30	387.90	387.90
DISCCART	463220.69	3773599.31	388.00	388.00
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DISCCART	463155.16	3773629.33	388.10	388.10
DISCCART	463142.05	3773635.34	388.30	388.30
DISCCART	463128.94	3773641.34	388.50	388.50
DISCCART	463115.83	3773647.35	388.74	388.74
DISCCART	463102.73	3773653.35	388.96	388.96
DISCCART	463089.62	3773659.36	389.00	389.00
DISCCART	463076.51	3773665.36	389.13	389.13
DISCCART	463063.40	3773671.37	389.44	389.44
DISCCART	463050.30	3773677.37	389.70	389.70
DISCCART	463037.19	3773683.38	389.90	389.90
DISCCART	463349.97	3773536.74	386.01	386.01
DISCCART	463361.32	3773564.88	386.90	386.90
DISCCART	463348.10	3773570.94	387.06	387.06
DISCCART	463334.89	3773576.99	387.29	387.29
DISCCART	463321.67	3773583.05	387.56	387.56
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DISCCART	463189.48	3773643.61	388.58	388.58
DISCCART	463176.26	3773649.66	388.78	388.78
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DISCCART	463083.73	3773692.05	389.35	389.35
DISCCART	463070.51	3773698.11	389.78	389.78
DISCCART	463057.29	3773704.17	390.00	390.00
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DISCCART	463384.11	3773584.44	386.68	386.68
DISCCART	463371.01	3773590.44	386.93	386.93
DISCCART	463357.92	3773596.44	387.06	387.06
DISCCART	463344.83	3773602.44	387.60	387.60
DISCCART	463331.73	3773608.44	387.96	387.96
DISCCART	463318.64	3773614.43	388.00	388.00
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DISCCART	463253.18	3773644.43	388.60	388.60
DISCCART	463240.09	3773650.42	388.80	388.80
DISCCART	463226.99	3773656.42	389.00	389.00
DISCCART	463213.90	3773662.42	389.00	389.00
DISCCART	463200.81	3773668.42	389.00	389.00
DISCCART	463187.72	3773674.42	389.00	389.00
DISCCART	463174.62	3773680.41	389.00	389.00
DISCCART	463161.53	3773686.41	389.00	389.00
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DISCCART	463135.35	3773698.41	389.40	389.40
DISCCART	463122.25	3773704.41	389.60	389.60
DISCCART	463109.16	3773710.40	389.80	389.80
DISCCART	463096.07	3773716.40	390.00	390.00
DISCCART	463082.98	3773722.40	390.00	390.00
DISCCART	463069.88	3773728.40	390.00	390.00
DISCCART	463056.79	3773734.40	390.06	390.06
DISCCART	463043.70	3773740.40	390.43	390.43
DISCCART	463395.41	3773575.92	386.32	386.32
DISCCART	463406.77	3773604.06	387.11	387.11
DISCCART	463393.58	3773610.10	387.40	387.40
DISCCART	463380.39	3773616.15	387.66	387.66
DISCCART	463367.20	3773622.19	387.86	387.86
DISCCART	463354.01	3773628.23	388.01	388.01
DISCCART	463340.82	3773634.28	388.17	388.17
DISCCART	463327.62	3773640.32	388.47	388.47
DISCCART	463314.43	3773646.36	388.67	388.67
DISCCART	463301.24	3773652.41	388.87	388.87
DISCCART	463288.05	3773658.45	389.00	389.00
DISCCART	463274.86	3773664.49	389.00	389.00
DISCCART	463261.66	3773670.54	389.00	389.00
DISCCART	463248.47	3773676.58	389.00	389.00
DISCCART	463235.28	3773682.63	389.00	389.00
DISCCART	463222.09	3773688.67	389.08	389.08
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DISCCART	463195.70	3773700.76	389.48	389.48
DISCCART	463182.51	3773706.80	389.68	389.68
DISCCART	463169.32	3773712.84	389.88	389.88

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DISCCART	463129.74	3773730.98	390.00	390.00
DISCCART	463116.55	3773737.02	390.00	390.00
DISCCART	463103.36	3773743.06	390.00	390.00
DISCCART	463090.17	3773749.11	390.09	390.09
DISCCART	463076.98	3773755.15	390.29	390.29
DISCCART	463063.78	3773761.19	390.50	390.50
DISCCART	463050.59	3773767.24	390.79	390.79
DISCCART	463037.40	3773773.28	390.97	390.97
DISCCART	463403.39	3773635.61	387.68	387.68
DISCCART	463390.31	3773641.60	387.99	387.99
DISCCART	463377.23	3773647.60	388.00	388.00
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DISCCART	463337.98	3773665.57	388.81	388.81
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DISCCART	463311.82	3773677.56	389.00	389.00
DISCCART	463298.74	3773683.55	389.00	389.00
DISCCART	463285.66	3773689.54	389.11	389.11
DISCCART	463272.58	3773695.54	389.31	389.31
DISCCART	463259.50	3773701.53	389.51	389.51
DISCCART	463246.42	3773707.52	389.71	389.71
DISCCART	463233.34	3773713.52	389.91	389.91
DISCCART	463220.26	3773719.51	390.00	390.00
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DISCCART	463194.09	3773731.49	390.00	390.00
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DISCCART	463141.77	3773755.47	390.08	390.08
DISCCART	463128.69	3773761.46	390.35	390.35
DISCCART	463115.61	3773767.45	390.70	390.70
DISCCART	463102.53	3773773.44	390.90	390.90
DISCCART	463089.45	3773779.44	391.00	391.00
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DISCCART	463050.20	3773797.42	391.22	391.22
DISCCART	463037.12	3773803.41	391.68	391.68
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DISCCART	463439.05	3773649.27	387.76	387.76
DISCCART	463399.54	3773667.37	388.37	388.37
DISCCART	463386.37	3773673.41	388.57	388.57
DISCCART	463373.20	3773679.44	388.77	388.77
DISCCART	463360.03	3773685.47	388.97	388.97
DISCCART	463346.86	3773691.51	389.07	389.07
DISCCART	463333.69	3773697.54	389.32	389.32
DISCCART	463320.52	3773703.58	389.57	389.57
DISCCART	463307.35	3773709.61	389.78	389.78
DISCCART	463294.18	3773715.64	389.98	389.98
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DISCCART	463215.15	3773751.85	390.18	390.18
DISCCART	463201.98	3773757.88	390.38	390.38
DISCCART	463188.81	3773763.91	390.59	390.59
DISCCART	463175.64	3773769.95	390.68	390.68
DISCCART	463162.47	3773775.98	390.42	390.42
DISCCART	463149.30	3773782.02	390.20	390.20
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DISCCART	463122.96	3773794.08	390.96	390.96
DISCCART	463109.79	3773800.12	391.00	391.00
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DISCCART	463057.10	3773824.25	391.63	391.63
DISCCART	463043.93	3773830.29	391.90	391.90
DISCCART	463463.57	3773634.70	387.28	387.28
DISCCART	463482.55	3773669.34	388.00	388.00
DISCCART	463469.45	3773675.34	388.00	388.00
DISCCART	463456.35	3773681.34	388.00	388.00
DISCCART	463443.25	3773687.35	388.24	388.24
DISCCART	463403.96	3773705.35	389.00	389.00
DISCCART	463390.86	3773711.35	389.00	389.00
DISCCART	463377.76	3773717.35	389.01	389.01
DISCCART	463364.66	3773723.35	389.19	389.19
DISCCART	463351.56	3773729.35	389.59	389.59
DISCCART	463338.46	3773735.36	389.89	389.89
DISCCART	463325.36	3773741.36	390.00	390.00
DISCCART	463312.26	3773747.36	390.02	390.02
DISCCART	463299.16	3773753.36	390.23	390.23
DISCCART	463286.06	3773759.36	390.43	390.43
DISCCART	463272.96	3773765.36	390.63	390.63
DISCCART	463259.86	3773771.36	390.83	390.83
DISCCART	463246.76	3773777.37	391.00	391.00
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DISCCART	463141.97	3773825.38	391.63	391.63
DISCCART	463128.87	3773831.38	391.83	391.83
DISCCART	463115.77	3773837.38	392.00	392.00
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DISCCART	463037.17	3773873.39	392.81	392.81
DISCCART	463493.86	3773660.82	388.00	388.00
DISCCART	463512.79	3773695.49	388.31	388.31
DISCCART	463499.59	3773701.54	388.51	388.51
DISCCART	463486.38	3773707.59	388.71	388.71
DISCCART	463473.18	3773713.64	388.91	388.91
DISCCART	463459.97	3773719.69	389.00	389.00
DISCCART	463446.77	3773725.73	389.00	389.00
DISCCART	463407.16	3773743.88	389.00	389.00
DISCCART	463393.95	3773749.93	389.12	389.12
DISCCART	463380.75	3773755.98	389.52	389.52
DISCCART	463367.54	3773762.03	389.87	389.87
DISCCART	463354.34	3773768.08	390.00	390.00
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DISCCART	463327.93	3773780.18	390.18	390.18
DISCCART	463314.73	3773786.23	390.66	390.66
DISCCART	463301.52	3773792.28	390.97	390.97
DISCCART	463288.32	3773798.33	391.00	391.00
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DISCCART	463261.91	3773810.43	391.04	391.04
DISCCART	463248.70	3773816.48	391.24	391.24
DISCCART	463235.50	3773822.53	391.54	391.54
DISCCART	463222.29	3773828.57	391.74	391.74
DISCCART	463209.09	3773834.62	391.94	391.94
DISCCART	463195.89	3773840.67	392.00	392.00
DISCCART	463182.68	3773846.72	392.00	392.00
DISCCART	463169.48	3773852.77	392.00	392.00
DISCCART	463156.27	3773858.82	392.00	392.00
DISCCART	463143.07	3773864.87	392.00	392.00

DISCCART	463129.86	3773870.92	392.15	392.15
DISCCART	463524.16	3773686.94	388.02	388.02
DISCCART	463543.12	3773721.59	388.90	388.90
DISCCART	463529.98	3773727.61	389.00	389.00
DISCCART	463516.84	3773733.63	389.00	389.00
DISCCART	463503.70	3773739.65	389.00	389.00
DISCCART	463490.56	3773745.67	389.00	389.00
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DISCCART	463464.28	3773757.71	389.38	389.38
DISCCART	463451.15	3773763.73	389.58	389.58
DISCCART	463398.59	3773787.81	390.00	390.00
DISCCART	463385.45	3773793.83	390.00	390.00
DISCCART	463372.31	3773799.85	390.00	390.00
DISCCART	463359.17	3773805.87	390.02	390.02
DISCCART	463346.03	3773811.89	390.56	390.56
DISCCART	463332.89	3773817.90	390.93	390.93
DISCCART	463319.76	3773823.92	391.00	391.00
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DISCCART	463293.48	3773835.96	391.00	391.00
DISCCART	463280.34	3773841.98	391.19	391.19
DISCCART	463267.20	3773848.00	391.44	391.44
DISCCART	463254.06	3773854.02	391.80	391.80
DISCCART	463240.92	3773860.04	391.99	391.99
DISCCART	463227.78	3773866.06	392.00	392.00
DISCCART	463554.45	3773713.06	388.45	388.45
DISCCART	463573.36	3773747.74	389.04	389.04
DISCCART	463560.13	3773753.80	389.25	389.25
DISCCART	463546.90	3773759.86	389.45	389.45
DISCCART	463533.67	3773765.92	389.65	389.65
DISCCART	463520.44	3773771.98	389.85	389.85
DISCCART	463507.21	3773778.05	390.00	390.00
DISCCART	463493.98	3773784.11	390.00	390.00
DISCCART	463480.75	3773790.17	390.00	390.00
DISCCART	463467.51	3773796.23	390.00	390.00
DISCCART	463454.28	3773802.29	390.00	390.00
DISCCART	463441.05	3773808.35	390.07	390.07
DISCCART	463401.36	3773826.54	390.67	390.67
DISCCART	463388.13	3773832.60	390.88	390.88
DISCCART	463374.90	3773838.66	391.00	391.00
DISCCART	463361.66	3773844.72	391.00	391.00
DISCCART	463348.43	3773850.79	391.00	391.00
DISCCART	463335.20	3773856.85	391.00	391.00
DISCCART	463321.97	3773862.91	391.23	391.23
DISCCART	463308.74	3773868.97	391.72	391.72
DISCCART	463584.74	3773739.19	388.76	388.76
DISCCART	463603.69	3773773.85	389.00	389.00
DISCCART	463590.52	3773779.88	389.39	389.39
DISCCART	463577.35	3773785.91	389.83	389.83
DISCCART	463564.18	3773791.95	390.00	390.00
DISCCART	463551.00	3773797.98	390.00	390.00
DISCCART	463537.83	3773804.02	390.00	390.00
DISCCART	463524.66	3773810.05	390.12	390.12
DISCCART	463511.49	3773816.08	390.32	390.32
DISCCART	463498.32	3773822.12	390.53	390.53
DISCCART	463485.15	3773828.15	390.73	390.73
DISCCART	463471.98	3773834.18	390.93	390.93
DISCCART	463458.81	3773840.22	391.00	391.00
DISCCART	463445.64	3773846.25	391.00	391.00
DISCCART	463406.13	3773864.35	391.00	391.00
DISCCART	463615.03	3773765.31	389.00	389.00
DISCCART	463633.94	3773799.99	389.68	389.68
DISCCART	463620.69	3773806.06	389.99	389.99
DISCCART	463607.43	3773812.13	390.00	390.00
DISCCART	463594.18	3773818.20	390.07	390.07
DISCCART	463580.93	3773824.27	390.37	390.37
DISCCART	463567.67	3773830.34	390.80	390.80

DISCCART	463554.42	3773836.42	391.00	391.00
DISCCART	463541.17	3773842.49	391.00	391.00
DISCCART	463527.91	3773848.56	391.00	391.00
DISCCART	463514.66	3773854.63	391.00	391.00
DISCCART	463501.41	3773860.70	391.00	391.00
DISCCART	463488.16	3773866.77	391.01	391.01
DISCCART	463474.90	3773872.85	391.22	391.22
DISCCART	463461.65	3773878.92	391.42	391.42
DISCCART	463448.40	3773884.99	391.62	391.62
DISCCART	463645.33	3773791.43	389.24	389.24
DISCCART	463664.26	3773826.10	389.00	389.00
DISCCART	463651.06	3773832.14	389.29	389.29
DISCCART	463637.87	3773838.19	389.74	389.74
DISCCART	463624.67	3773844.23	390.00	390.00
DISCCART	463611.47	3773850.28	390.00	390.00
DISCCART	463598.28	3773856.32	390.05	390.05
DISCCART	463585.08	3773862.37	390.49	390.49
DISCCART	463571.88	3773868.42	390.93	390.93
DISCCART	463558.69	3773874.46	391.00	391.00
DISCCART	463545.49	3773880.51	391.00	391.00
DISCCART	463532.29	3773886.55	391.00	391.00
DISCCART	463519.10	3773892.60	391.00	391.00
DISCCART	463505.90	3773898.65	391.19	391.19
DISCCART	463492.70	3773904.69	391.69	391.69
DISCCART	463479.50	3773910.74	392.00	392.00
DISCCART	463466.31	3773916.78	392.00	392.00
DISCCART	463453.11	3773922.83	392.00	392.00
DISCCART	463675.62	3773817.55	389.00	389.00
DISCCART	463694.58	3773852.21	389.00	389.00
DISCCART	463681.43	3773858.23	389.20	389.20
DISCCART	463668.29	3773864.25	389.66	389.66
DISCCART	463655.14	3773870.27	390.00	390.00
DISCCART	463641.99	3773876.30	390.00	390.00
DISCCART	463628.85	3773882.32	390.01	390.01
DISCCART	463615.70	3773888.34	390.34	390.34
DISCCART	463602.56	3773894.36	390.84	390.84
DISCCART	463589.41	3773900.39	391.00	391.00
DISCCART	463576.27	3773906.41	391.00	391.00
DISCCART	463563.12	3773912.43	391.00	391.00
DISCCART	463549.97	3773918.45	391.00	391.00
DISCCART	463536.83	3773924.48	391.09	391.09
DISCCART	463523.68	3773930.50	391.60	391.60
DISCCART	463705.91	3773843.67	389.00	389.00
DISCCART	463724.83	3773878.34	389.40	389.40
DISCCART	463711.62	3773884.40	389.60	389.60
DISCCART	463698.40	3773890.46	389.80	389.80
DISCCART	463685.18	3773896.51	390.00	390.00
DISCCART	463671.96	3773902.57	390.00	390.00
DISCCART	463658.74	3773908.62	390.00	390.00
DISCCART	463645.52	3773914.68	390.00	390.00
DISCCART	463632.30	3773920.74	390.00	390.00
DISCCART	463619.09	3773926.79	390.36	390.36
DISCCART	463736.20	3773869.80	389.12	389.12
DISCCART	463755.15	3773904.46	390.00	390.00
DISCCART	463741.98	3773910.49	390.00	390.00
DISCCART	463728.81	3773916.52	390.00	390.00
DISCCART	463715.64	3773922.56	390.00	390.00
DISCCART	463702.47	3773928.59	390.08	390.08
DISCCART	463766.50	3773895.92	389.99	389.99
DISCCART	463307.80	3773488.75	386.00	386.00
DISCCART	463336.81	3773491.36	386.00	386.00
DISCCART	463333.62	3773499.95	386.00	386.00
DISCCART	463330.44	3773508.55	386.00	386.00
DISCCART	463366.03	3773493.39	385.91	385.91
DISCCART	463362.82	3773502.06	385.98	385.98
DISCCART	463359.61	3773510.73	386.00	386.00

DISCCART	463356.40	3773519.40	386.00	386.00
DISCCART	463353.18	3773528.07	386.00	386.00
DISCCART	463395.34	3773495.19	385.63	385.63
DISCCART	463392.11	3773503.93	385.92	385.92
DISCCART	463388.87	3773512.66	386.00	386.00
DISCCART	463385.63	3773521.40	386.00	386.00
DISCCART	463382.40	3773530.13	386.00	386.00
DISCCART	463379.16	3773538.86	386.03	386.03
DISCCART	463375.93	3773547.60	386.17	386.17
DISCCART	463405.18	3773549.55	386.00	386.00
DISCCART	463401.93	3773558.34	386.00	386.00
DISCCART	463398.67	3773567.13	386.03	386.03
DISCCART	463456.49	3773491.98	385.00	385.00
DISCCART	463453.29	3773500.61	385.00	385.00
DISCCART	463450.09	3773509.24	385.00	385.00
DISCCART	463446.90	3773517.87	385.09	385.09
DISCCART	463443.70	3773526.49	385.20	385.20
DISCCART	463440.50	3773535.12	385.31	385.31
DISCCART	463437.31	3773543.75	385.56	385.56
DISCCART	463485.89	3773493.54	384.79	384.79
DISCCART	463482.67	3773502.22	384.90	384.90
DISCCART	463479.45	3773510.91	385.00	385.00
DISCCART	463476.24	3773519.59	385.00	385.00
DISCCART	463473.02	3773528.27	385.00	385.00
DISCCART	463469.80	3773536.96	385.01	385.01
DISCCART	463466.59	3773545.64	385.14	385.14
DISCCART	463463.37	3773554.32	385.33	385.33
DISCCART	463460.15	3773563.01	385.58	385.58
DISCCART	463456.94	3773571.69	385.94	385.94
DISCCART	463453.72	3773580.37	386.33	386.33
DISCCART	463450.50	3773589.06	386.73	386.73
DISCCART	463447.28	3773597.74	387.00	387.00
DISCCART	463444.07	3773606.42	387.00	387.00
DISCCART	463518.58	3773486.22	384.00	384.00
DISCCART	463515.34	3773494.95	384.00	384.00
DISCCART	463512.11	3773503.69	384.00	384.00
DISCCART	463508.87	3773512.42	384.03	384.03
DISCCART	463505.63	3773521.15	384.13	384.13
DISCCART	463502.40	3773529.89	384.24	384.24
DISCCART	463499.16	3773538.62	384.40	384.40
DISCCART	463495.93	3773547.36	384.66	384.66
DISCCART	463492.69	3773556.09	384.85	384.85
DISCCART	463489.46	3773564.83	384.98	384.98
DISCCART	463486.22	3773573.56	385.24	385.24
DISCCART	463482.98	3773582.29	385.53	385.53
DISCCART	463479.75	3773591.03	385.82	385.82
DISCCART	463476.51	3773599.76	386.21	386.21
DISCCART	463473.28	3773608.50	386.53	386.53
DISCCART	463470.04	3773617.23	386.79	386.79
DISCCART	463466.81	3773625.96	386.99	386.99
DISCCART	463558.58	3773486.14	384.00	384.00
DISCCART	463555.34	3773494.87	384.00	384.00
DISCCART	463552.11	3773503.61	384.00	384.00
DISCCART	463548.87	3773512.34	384.00	384.00
DISCCART	463545.63	3773521.07	384.00	384.00
DISCCART	463542.40	3773529.81	384.00	384.00
DISCCART	463539.16	3773538.54	384.07	384.07
DISCCART	463535.93	3773547.28	384.36	384.36
DISCCART	463532.69	3773556.01	384.66	384.66
DISCCART	463529.46	3773564.74	384.95	384.95
DISCCART	463526.22	3773573.48	385.24	385.24
DISCCART	463522.98	3773582.21	385.53	385.53
DISCCART	463519.75	3773590.95	385.82	385.82
DISCCART	463516.51	3773599.68	386.11	386.11
DISCCART	463513.28	3773608.42	386.40	386.40
DISCCART	463510.04	3773617.15	386.69	386.69

DISCCART	463506.81	3773625.88	386.98	386.98
DISCCART	463503.57	3773634.62	387.28	387.28
DISCCART	463500.33	3773643.35	387.57	387.57
DISCCART	463497.10	3773652.09	387.86	387.86
DISCCART	463598.58	3773486.06	384.00	384.00
DISCCART	463595.34	3773494.79	384.00	384.00
DISCCART	463592.11	3773503.52	384.00	384.00
DISCCART	463588.87	3773512.26	384.13	384.13
DISCCART	463585.63	3773520.99	384.26	384.26
DISCCART	463582.40	3773529.73	384.33	384.33
DISCCART	463579.16	3773538.46	384.37	384.37
DISCCART	463575.93	3773547.20	384.50	384.50
DISCCART	463572.69	3773555.93	384.69	384.69
DISCCART	463569.46	3773564.66	384.94	384.94
DISCCART	463566.22	3773573.40	385.24	385.24
DISCCART	463562.98	3773582.13	385.53	385.53
DISCCART	463559.75	3773590.87	385.82	385.82
DISCCART	463556.51	3773599.60	386.05	386.05
DISCCART	463553.28	3773608.33	386.22	386.22
DISCCART	463550.04	3773617.07	386.45	386.45
DISCCART	463546.81	3773625.80	386.75	386.75
DISCCART	463543.57	3773634.54	386.91	386.91
DISCCART	463540.33	3773643.27	386.99	386.99
DISCCART	463537.10	3773652.01	387.07	387.07
DISCCART	463533.86	3773660.74	387.31	387.31
DISCCART	463530.63	3773669.47	387.61	387.61
DISCCART	463527.39	3773678.21	387.84	387.84
DISCCART	463638.58	3773485.98	385.00	385.00
DISCCART	463635.34	3773494.71	385.00	385.00
DISCCART	463632.11	3773503.44	385.00	385.00
DISCCART	463628.87	3773512.18	384.98	384.98
DISCCART	463625.63	3773520.91	384.93	384.93
DISCCART	463622.40	3773529.65	384.95	384.95
DISCCART	463619.16	3773538.38	385.00	385.00
DISCCART	463615.93	3773547.11	385.00	385.00
DISCCART	463612.69	3773555.85	385.00	385.00
DISCCART	463609.46	3773564.58	385.00	385.00
DISCCART	463606.22	3773573.32	385.23	385.23
DISCCART	463602.98	3773582.05	385.52	385.52
DISCCART	463599.75	3773590.79	385.82	385.82
DISCCART	463596.51	3773599.52	386.00	386.00
DISCCART	463593.28	3773608.25	386.00	386.00
DISCCART	463590.04	3773616.99	386.00	386.00
DISCCART	463586.81	3773625.72	386.00	386.00
DISCCART	463583.57	3773634.46	386.27	386.27
DISCCART	463580.33	3773643.19	386.56	386.56
DISCCART	463577.10	3773651.93	386.85	386.85
DISCCART	463573.86	3773660.66	387.14	387.14
DISCCART	463570.63	3773669.39	387.44	387.44
DISCCART	463567.39	3773678.13	387.73	387.73
DISCCART	463564.16	3773686.86	388.00	388.00
DISCCART	463560.92	3773695.60	388.09	388.09
DISCCART	463557.68	3773704.33	388.24	388.24
DISCCART	463678.58	3773485.89	384.57	384.57
DISCCART	463675.34	3773494.63	384.80	384.80
DISCCART	463672.11	3773503.36	384.96	384.96
DISCCART	463668.87	3773512.10	385.00	385.00
DISCCART	463665.63	3773520.83	385.00	385.00
DISCCART	463662.40	3773529.57	385.00	385.00
DISCCART	463659.16	3773538.30	385.00	385.00
DISCCART	463655.93	3773547.03	385.00	385.00
DISCCART	463652.69	3773555.77	385.00	385.00
DISCCART	463649.46	3773564.50	385.00	385.00
DISCCART	463646.22	3773573.24	385.10	385.10
DISCCART	463642.98	3773581.97	385.29	385.29
DISCCART	463639.75	3773590.71	385.54	385.54

DISCCART	463636.51	3773599.44	385.80	385.80
DISCCART	463633.28	3773608.17	385.93	385.93
DISCCART	463630.04	3773616.91	386.00	386.00
DISCCART	463626.81	3773625.64	386.00	386.00
DISCCART	463623.57	3773634.38	386.27	386.27
DISCCART	463620.33	3773643.11	386.56	386.56
DISCCART	463617.10	3773651.84	386.85	386.85
DISCCART	463613.86	3773660.58	387.07	387.07
DISCCART	463610.63	3773669.31	387.27	387.27
DISCCART	463607.39	3773678.05	387.54	387.54
DISCCART	463604.15	3773686.78	387.85	387.85
DISCCART	463600.92	3773695.52	387.97	387.97
DISCCART	463597.68	3773704.25	388.00	388.00
DISCCART	463594.45	3773712.98	388.00	388.00
DISCCART	463591.21	3773721.72	388.18	388.18
DISCCART	463587.98	3773730.45	388.47	388.47
DISCCART	463718.58	3773485.81	384.01	384.01
DISCCART	463715.34	3773494.55	384.09	384.09
DISCCART	463712.11	3773503.28	384.23	384.23
DISCCART	463708.87	3773512.02	384.36	384.36
DISCCART	463705.63	3773520.75	384.47	384.47
DISCCART	463702.40	3773529.49	384.58	384.58
DISCCART	463699.16	3773538.22	384.68	384.68
DISCCART	463695.93	3773546.95	384.79	384.79
DISCCART	463692.69	3773555.69	384.90	384.90
DISCCART	463689.46	3773564.42	385.00	385.00
DISCCART	463686.22	3773573.16	385.00	385.00
DISCCART	463682.98	3773581.89	385.00	385.00
DISCCART	463679.75	3773590.62	385.00	385.00
DISCCART	463676.51	3773599.36	385.10	385.10
DISCCART	463673.28	3773608.09	385.39	385.39
DISCCART	463670.04	3773616.83	385.68	385.68
DISCCART	463666.81	3773625.56	385.97	385.97
DISCCART	463663.57	3773634.30	386.23	386.23
DISCCART	463660.33	3773643.03	386.54	386.54
DISCCART	463657.10	3773651.76	386.85	386.85
DISCCART	463653.86	3773660.50	387.00	387.00
DISCCART	463650.63	3773669.23	387.00	387.00
DISCCART	463647.39	3773677.97	387.00	387.00
DISCCART	463644.15	3773686.70	387.01	387.01
DISCCART	463640.92	3773695.43	387.30	387.30
DISCCART	463637.68	3773704.17	387.59	387.59
DISCCART	463634.45	3773712.90	387.89	387.89
DISCCART	463631.21	3773721.64	388.17	388.17
DISCCART	463627.98	3773730.37	388.47	388.47
DISCCART	463624.74	3773739.11	388.76	388.76
DISCCART	463621.50	3773747.84	389.00	389.00
DISCCART	463618.27	3773756.57	389.00	389.00
DISCCART	463758.58	3773485.73	383.70	383.70
DISCCART	463755.34	3773494.47	383.81	383.81
DISCCART	463752.11	3773503.20	383.92	383.92
DISCCART	463748.87	3773511.94	384.00	384.00
DISCCART	463745.63	3773520.67	384.00	384.00
DISCCART	463742.40	3773529.40	384.00	384.00
DISCCART	463739.16	3773538.14	384.00	384.00
DISCCART	463735.93	3773546.87	384.00	384.00
DISCCART	463732.69	3773555.61	384.00	384.00
DISCCART	463729.46	3773564.34	384.00	384.00
DISCCART	463726.22	3773573.08	384.22	384.22
DISCCART	463722.98	3773581.81	384.52	384.52
DISCCART	463719.75	3773590.54	384.81	384.81
DISCCART	463716.51	3773599.28	385.10	385.10
DISCCART	463713.28	3773608.01	385.39	385.39
DISCCART	463710.04	3773616.75	385.68	385.68
DISCCART	463706.81	3773625.48	385.97	385.97
DISCCART	463703.57	3773634.21	386.00	386.00

DISCCART	463700.33	3773642.95	386.00	386.00
DISCCART	463697.10	3773651.68	386.00	386.00
DISCCART	463693.86	3773660.42	386.14	386.14
DISCCART	463690.63	3773669.15	386.43	386.43
DISCCART	463687.39	3773677.89	386.74	386.74
DISCCART	463684.15	3773686.62	387.01	387.01
DISCCART	463680.92	3773695.35	387.30	387.30
DISCCART	463677.68	3773704.09	387.59	387.59
DISCCART	463674.45	3773712.82	387.88	387.88
DISCCART	463671.21	3773721.56	388.00	388.00
DISCCART	463667.98	3773730.29	388.00	388.00
DISCCART	463664.74	3773739.03	388.00	388.00
DISCCART	463661.50	3773747.76	388.04	388.04
DISCCART	463658.27	3773756.49	388.37	388.37
DISCCART	463655.03	3773765.23	388.69	388.69
DISCCART	463651.80	3773773.96	388.94	388.94
DISCCART	463648.56	3773782.70	389.08	389.08
DISCCART	463798.58	3773485.65	383.00	383.00
DISCCART	463795.34	3773494.39	383.00	383.00
DISCCART	463792.11	3773503.12	383.00	383.00
DISCCART	463788.87	3773511.86	383.18	383.18
DISCCART	463785.63	3773520.59	383.48	383.48
DISCCART	463782.40	3773529.32	383.77	383.77
DISCCART	463779.16	3773538.06	384.00	384.00
DISCCART	463775.93	3773546.79	384.00	384.00
DISCCART	463772.69	3773555.53	384.00	384.00
DISCCART	463769.46	3773564.26	384.00	384.00
DISCCART	463766.22	3773572.99	384.22	384.22
DISCCART	463762.98	3773581.73	384.51	384.51
DISCCART	463759.75	3773590.46	384.80	384.80
DISCCART	463756.51	3773599.20	385.00	385.00
DISCCART	463753.28	3773607.93	385.00	385.00
DISCCART	463750.04	3773616.67	385.00	385.00
DISCCART	463746.81	3773625.40	385.09	385.09
DISCCART	463743.57	3773634.13	385.41	385.41
DISCCART	463740.33	3773642.87	385.69	385.69
DISCCART	463737.10	3773651.60	385.91	385.91
DISCCART	463733.86	3773660.34	386.07	386.07
DISCCART	463730.63	3773669.07	386.27	386.27
DISCCART	463727.39	3773677.81	386.53	386.53
DISCCART	463724.15	3773686.54	386.85	386.85
DISCCART	463720.92	3773695.27	386.97	386.97
DISCCART	463717.68	3773704.01	387.04	387.04
DISCCART	463714.45	3773712.74	387.15	387.15
DISCCART	463711.21	3773721.48	387.41	387.41
DISCCART	463707.98	3773730.21	387.67	387.67
DISCCART	463704.74	3773738.94	387.88	387.88
DISCCART	463701.50	3773747.68	388.00	388.00
DISCCART	463698.27	3773756.41	388.00	388.00
DISCCART	463695.03	3773765.15	388.00	388.00
DISCCART	463691.80	3773773.88	388.00	388.00
DISCCART	463688.56	3773782.62	388.24	388.24
DISCCART	463685.33	3773791.35	388.57	388.57
DISCCART	463682.09	3773800.08	388.84	388.84
DISCCART	463678.85	3773808.82	389.00	389.00
DISCCART	463835.34	3773494.31	383.00	383.00
DISCCART	463832.11	3773503.04	383.00	383.00
DISCCART	463828.87	3773511.77	383.18	383.18
DISCCART	463825.63	3773520.51	383.47	383.47
DISCCART	463822.40	3773529.24	383.76	383.76
DISCCART	463819.16	3773537.98	384.00	384.00
DISCCART	463815.93	3773546.71	384.00	384.00
DISCCART	463812.69	3773555.45	384.00	384.00
DISCCART	463809.46	3773564.18	384.00	384.00
DISCCART	463806.22	3773572.91	384.22	384.22
DISCCART	463802.98	3773581.65	384.51	384.51

DISCCART	463799.75	3773590.38	384.80	384.80
DISCCART	463796.51	3773599.12	385.00	385.00
DISCCART	463793.28	3773607.85	385.00	385.00
DISCCART	463790.04	3773616.59	385.00	385.00
DISCCART	463786.80	3773625.32	385.00	385.00
DISCCART	463783.57	3773634.05	385.26	385.26
DISCCART	463780.33	3773642.79	385.55	385.55
DISCCART	463777.10	3773651.52	385.84	385.84
DISCCART	463773.86	3773660.26	386.00	386.00
DISCCART	463770.63	3773668.99	386.00	386.00
DISCCART	463767.39	3773677.72	386.00	386.00
DISCCART	463764.15	3773686.46	386.00	386.00
DISCCART	463760.92	3773695.19	386.30	386.30
DISCCART	463757.68	3773703.93	386.59	386.59
DISCCART	463754.45	3773712.66	386.88	386.88
DISCCART	463751.21	3773721.40	387.00	387.00
DISCCART	463747.98	3773730.13	387.03	387.03
DISCCART	463744.74	3773738.86	387.12	387.12
DISCCART	463741.50	3773747.60	387.30	387.30
DISCCART	463738.27	3773756.33	387.59	387.59
DISCCART	463735.03	3773765.07	387.81	387.81
DISCCART	463731.80	3773773.80	387.97	387.97
DISCCART	463728.56	3773782.53	388.15	388.15
DISCCART	463725.33	3773791.27	388.40	388.40
DISCCART	463722.09	3773800.00	388.73	388.73
DISCCART	463718.85	3773808.74	389.00	389.00
DISCCART	463715.62	3773817.47	389.00	389.00
DISCCART	463712.38	3773826.21	389.00	389.00
DISCCART	463709.15	3773834.94	389.00	389.00
DISCCART	463875.34	3773494.23	383.00	383.00
DISCCART	463872.11	3773502.96	383.00	383.00
DISCCART	463868.87	3773511.69	383.18	383.18
DISCCART	463865.63	3773520.43	383.47	383.47
DISCCART	463862.40	3773529.16	383.76	383.76
DISCCART	463859.16	3773537.90	384.00	384.00
DISCCART	463855.93	3773546.63	384.00	384.00
DISCCART	463852.69	3773555.37	384.00	384.00
DISCCART	463849.46	3773564.10	384.00	384.00
DISCCART	463846.22	3773572.83	384.22	384.22
DISCCART	463842.98	3773581.57	384.51	384.51
DISCCART	463839.75	3773590.30	384.80	384.80
DISCCART	463836.51	3773599.04	385.00	385.00
DISCCART	463833.28	3773607.77	385.00	385.00
DISCCART	463830.04	3773616.50	385.00	385.00
DISCCART	463826.80	3773625.24	385.00	385.00
DISCCART	463823.57	3773633.97	385.25	385.25
DISCCART	463820.33	3773642.71	385.55	385.55
DISCCART	463817.10	3773651.44	385.84	385.84
DISCCART	463813.86	3773660.18	386.00	386.00
DISCCART	463810.63	3773668.91	386.00	386.00
DISCCART	463807.39	3773677.64	386.00	386.00
DISCCART	463804.15	3773686.38	386.00	386.00
DISCCART	463800.92	3773695.11	386.29	386.29
DISCCART	463797.68	3773703.85	386.58	386.58
DISCCART	463794.45	3773712.58	386.87	386.87
DISCCART	463791.21	3773721.31	387.00	387.00
DISCCART	463787.98	3773730.05	387.00	387.00
DISCCART	463784.74	3773738.78	387.00	387.00
DISCCART	463781.50	3773747.52	387.04	387.04
DISCCART	463778.27	3773756.25	387.33	387.33
DISCCART	463775.03	3773764.99	387.62	387.62
DISCCART	463771.80	3773773.72	387.91	387.91
DISCCART	463768.56	3773782.45	388.00	388.00
DISCCART	463765.33	3773791.19	388.00	388.00
DISCCART	463762.09	3773799.92	388.00	388.00
DISCCART	463758.85	3773808.66	388.08	388.08

DISCCART	463755.62	3773817.39	388.37	388.37
DISCCART	463752.38	3773826.13	388.66	388.66
DISCCART	463749.15	3773834.86	388.95	388.95
DISCCART	463745.91	3773843.59	389.00	389.00
DISCCART	463742.68	3773852.33	389.00	389.00
DISCCART	463739.44	3773861.06	389.00	389.00
DISCCART	463915.34	3773494.15	383.00	383.00
DISCCART	463912.11	3773502.88	383.00	383.00
DISCCART	463908.87	3773511.61	383.12	383.12
DISCCART	463905.63	3773520.35	383.37	383.37
DISCCART	463902.40	3773529.08	383.69	383.69
DISCCART	463899.16	3773537.82	384.00	384.00
DISCCART	463895.93	3773546.55	384.00	384.00
DISCCART	463892.69	3773555.28	384.00	384.00
DISCCART	463889.46	3773564.02	384.00	384.00
DISCCART	463886.22	3773572.75	384.10	384.10
DISCCART	463882.98	3773581.49	384.28	384.28
DISCCART	463879.75	3773590.22	384.53	384.53
DISCCART	463876.51	3773598.96	384.79	384.79
DISCCART	463873.28	3773607.69	384.93	384.93
DISCCART	463870.04	3773616.42	385.00	385.00
DISCCART	463866.80	3773625.16	385.00	385.00
DISCCART	463863.57	3773633.89	385.05	385.05
DISCCART	463860.33	3773642.63	385.17	385.17
DISCCART	463857.10	3773651.36	385.35	385.35
DISCCART	463853.86	3773660.09	385.59	385.59
DISCCART	463850.63	3773668.83	385.79	385.79
DISCCART	463847.39	3773677.56	385.92	385.92
DISCCART	463844.15	3773686.30	386.00	386.00
DISCCART	463840.92	3773695.03	386.28	386.28
DISCCART	463837.68	3773703.77	386.58	386.58
DISCCART	463834.45	3773712.50	386.87	386.87
DISCCART	463831.21	3773721.23	387.00	387.00
DISCCART	463827.98	3773729.97	387.00	387.00
DISCCART	463824.74	3773738.70	387.00	387.00
DISCCART	463821.50	3773747.44	387.04	387.04
DISCCART	463818.27	3773756.17	387.33	387.33
DISCCART	463815.03	3773764.91	387.62	387.62
DISCCART	463811.80	3773773.64	387.91	387.91
DISCCART	463808.56	3773782.37	388.00	388.00
DISCCART	463805.33	3773791.11	388.00	388.00
DISCCART	463802.09	3773799.84	388.00	388.00
DISCCART	463798.85	3773808.58	388.07	388.07
DISCCART	463795.62	3773817.31	388.37	388.37
DISCCART	463792.38	3773826.04	388.66	388.66
DISCCART	463789.15	3773834.78	388.95	388.95
DISCCART	463785.91	3773843.51	389.00	389.00
DISCCART	463782.68	3773852.25	389.00	389.00
DISCCART	463779.44	3773860.98	389.00	389.00
DISCCART	463776.20	3773869.72	389.11	389.11
DISCCART	463772.97	3773878.45	389.40	389.40
DISCCART	463769.73	3773887.18	389.69	389.69
DISCCART	462999.70	3773058.67	380.00	380.00
DISCCART	462990.60	3773058.69	380.02	380.02
DISCCART	462981.51	3773058.71	380.05	380.05
DISCCART	462972.41	3773058.73	380.07	380.07
DISCCART	462963.31	3773058.75	380.08	380.08
DISCCART	462954.21	3773058.76	380.08	380.08
DISCCART	462945.11	3773058.78	380.08	380.08
DISCCART	462936.01	3773058.80	380.08	380.08
DISCCART	462926.91	3773058.82	380.08	380.08
DISCCART	462917.81	3773058.84	380.08	380.08
DISCCART	462999.68	3773048.67	380.00	380.00
DISCCART	462990.58	3773048.69	380.00	380.00
DISCCART	462981.48	3773048.71	380.00	380.00
DISCCART	462972.39	3773048.73	380.00	380.00

DISCCART	462963.29	3773048.75	380.00	380.00
DISCCART	462954.19	3773048.76	380.00	380.00
DISCCART	462945.09	3773048.78	380.00	380.00
DISCCART	462935.99	3773048.80	380.00	380.00
DISCCART	462926.89	3773048.82	380.00	380.00
DISCCART	462917.79	3773048.84	380.00	380.00
DISCCART	462999.64	3773028.67	380.00	380.00
DISCCART	462990.54	3773028.69	380.00	380.00
DISCCART	462981.44	3773028.71	380.00	380.00
DISCCART	462972.34	3773028.73	380.00	380.00
DISCCART	462963.24	3773028.75	380.00	380.00
DISCCART	462954.15	3773028.76	380.00	380.00
DISCCART	462945.05	3773028.78	380.00	380.00
DISCCART	462935.95	3773028.80	380.00	380.00
DISCCART	462926.85	3773028.82	380.00	380.00
DISCCART	462917.75	3773028.84	380.00	380.00
DISCCART	462999.60	3773008.67	379.41	379.41
DISCCART	462990.50	3773008.69	379.41	379.41
DISCCART	462981.40	3773008.71	379.41	379.41
DISCCART	462972.30	3773008.73	379.41	379.41
DISCCART	462963.20	3773008.75	379.41	379.41
DISCCART	462954.10	3773008.76	379.41	379.41
DISCCART	462945.00	3773008.78	379.41	379.41
DISCCART	462935.91	3773008.80	379.49	379.49
DISCCART	462926.81	3773008.82	379.67	379.67
DISCCART	462917.71	3773008.84	379.84	379.84
DISCCART	462999.56	3772988.67	379.00	379.00
DISCCART	462990.46	3772988.69	379.00	379.00
DISCCART	462981.36	3772988.71	379.00	379.00
DISCCART	462972.26	3772988.73	379.00	379.00
DISCCART	462963.16	3772988.75	379.00	379.00
DISCCART	462954.06	3772988.76	379.00	379.00
DISCCART	462944.96	3772988.78	379.00	379.00
DISCCART	462935.86	3772988.80	379.09	379.09
DISCCART	462926.76	3772988.82	379.32	379.32
DISCCART	462917.67	3772988.84	379.55	379.55
DISCCART	462999.52	3772968.67	379.00	379.00
DISCCART	462990.42	3772968.69	379.00	379.00
DISCCART	462981.32	3772968.71	379.00	379.00
DISCCART	462972.22	3772968.73	379.00	379.00
DISCCART	462963.12	3772968.75	379.00	379.00
DISCCART	462954.02	3772968.76	379.00	379.00
DISCCART	462944.92	3772968.78	379.00	379.00
DISCCART	462935.82	3772968.80	379.01	379.01
DISCCART	462926.72	3772968.82	379.04	379.04
DISCCART	462917.62	3772968.84	379.06	379.06
DISCCART	462999.47	3772948.67	378.41	378.41
DISCCART	462990.37	3772948.69	378.41	378.41
DISCCART	462981.28	3772948.71	378.41	378.41
DISCCART	462972.18	3772948.73	378.41	378.41
DISCCART	462963.08	3772948.75	378.54	378.54
DISCCART	462953.98	3772948.76	378.72	378.72
DISCCART	462944.88	3772948.78	378.90	378.90
DISCCART	462935.78	3772948.80	379.00	379.00
DISCCART	462926.68	3772948.82	379.00	379.00
DISCCART	462917.58	3772948.84	379.00	379.00
DISCCART	462999.43	3772928.67	378.00	378.00
DISCCART	462990.33	3772928.69	378.00	378.00
DISCCART	462981.23	3772928.71	378.00	378.00
DISCCART	462972.13	3772928.73	378.00	378.00
DISCCART	462963.04	3772928.75	378.16	378.16
DISCCART	462953.94	3772928.76	378.39	378.39
DISCCART	462944.84	3772928.78	378.62	378.62
DISCCART	462935.74	3772928.80	378.75	378.75
DISCCART	462926.64	3772928.82	378.75	378.75
DISCCART	462917.54	3772928.84	378.75	378.75

DISCCART	462999.39	3772908.67	378.00	378.00
DISCCART	462990.29	3772908.69	378.00	378.00
DISCCART	462981.19	3772908.71	378.00	378.00
DISCCART	462972.09	3772908.73	378.00	378.00
DISCCART	462962.99	3772908.75	378.02	378.02
DISCCART	462953.89	3772908.76	378.04	378.04
DISCCART	462944.80	3772908.78	378.07	378.07
DISCCART	462935.70	3772908.80	378.08	378.08
DISCCART	462926.60	3772908.82	378.08	378.08
DISCCART	462917.50	3772908.84	378.08	378.08
DISCCART	462999.26	3772848.67	377.00	377.00
DISCCART	462990.17	3772848.69	377.02	377.02
DISCCART	462981.07	3772848.71	377.05	377.05
DISCCART	462971.97	3772848.73	377.07	377.07
DISCCART	462962.87	3772848.75	377.29	377.29
DISCCART	462953.77	3772848.76	377.57	377.57
DISCCART	462944.67	3772848.78	377.85	377.85
DISCCART	462935.57	3772848.80	378.00	378.00
DISCCART	462926.47	3772848.82	378.00	378.00
DISCCART	462917.37	3772848.84	378.00	378.00
DISCCART	462999.20	3772818.67	377.00	377.00
DISCCART	462990.10	3772818.69	377.00	377.00
DISCCART	462981.00	3772818.71	377.00	377.00
DISCCART	462971.90	3772818.73	377.00	377.00
DISCCART	462999.14	3772788.67	376.08	376.08
DISCCART	462990.04	3772788.69	376.08	376.08
DISCCART	462980.94	3772788.71	376.08	376.08
DISCCART	462971.84	3772788.73	376.08	376.08
DISCCART	462944.55	3772788.78	376.85	376.85
DISCCART	462935.45	3772788.80	377.00	377.00
DISCCART	462926.35	3772788.82	377.00	377.00
DISCCART	462917.25	3772788.84	377.00	377.00
DISCCART	462999.08	3772758.67	376.00	376.00
DISCCART	462989.98	3772758.69	376.00	376.00
DISCCART	462980.88	3772758.71	376.00	376.00
DISCCART	462971.78	3772758.73	376.00	376.00
DISCCART	462944.48	3772758.78	376.07	376.07
DISCCART	462935.38	3772758.80	376.08	376.08
DISCCART	462926.28	3772758.82	376.08	376.08
DISCCART	462917.19	3772758.84	376.08	376.08
DISCCART	462999.01	3772728.67	375.08	375.08
DISCCART	462989.91	3772728.69	375.08	375.08
DISCCART	462980.82	3772728.71	375.08	375.08
DISCCART	462971.72	3772728.73	375.08	375.08
DISCCART	462944.42	3772728.78	375.08	375.08
DISCCART	462935.32	3772728.80	375.21	375.21
DISCCART	462926.22	3772728.82	375.49	375.49
DISCCART	462917.12	3772728.84	375.77	375.77
DISCCART	462998.89	3772668.67	374.08	374.08
DISCCART	462989.79	3772668.69	374.08	374.08
DISCCART	462980.69	3772668.71	374.08	374.08
DISCCART	462971.59	3772668.73	374.08	374.08
DISCCART	462962.49	3772668.75	374.08	374.08
DISCCART	462953.39	3772668.77	374.08	374.08
DISCCART	462944.29	3772668.78	374.08	374.08
DISCCART	462935.20	3772668.80	374.22	374.22
DISCCART	462926.10	3772668.82	374.50	374.50
DISCCART	462917.00	3772668.84	374.78	374.78
DISCCART	462998.83	3772638.67	374.00	374.00
DISCCART	462989.73	3772638.69	374.00	374.00
DISCCART	462980.63	3772638.71	374.00	374.00
DISCCART	462971.53	3772638.73	374.00	374.00
DISCCART	462962.43	3772638.75	374.00	374.00
DISCCART	462953.33	3772638.77	374.00	374.00
DISCCART	462944.23	3772638.78	374.00	374.00
DISCCART	462935.13	3772638.80	374.01	374.01

DISCCART	462926.03	3772638.82	374.04	374.04
DISCCART	462916.94	3772638.84	374.06	374.06
DISCCART	462998.76	3772608.67	373.08	373.08
DISCCART	462989.66	3772608.69	373.08	373.08
DISCCART	462980.57	3772608.71	373.08	373.08
DISCCART	462971.47	3772608.73	373.08	373.08
DISCCART	462962.37	3772608.75	373.08	373.08
DISCCART	462953.27	3772608.77	373.08	373.08
DISCCART	462944.17	3772608.78	373.08	373.08
DISCCART	462935.07	3772608.80	373.08	373.08
DISCCART	462925.97	3772608.82	373.08	373.08
DISCCART	462916.87	3772608.84	373.08	373.08
DISCCART	463007.80	3772578.65	372.75	372.75
DISCCART	462998.70	3772578.67	373.00	373.00
DISCCART	462989.60	3772578.69	373.00	373.00
DISCCART	462980.50	3772578.71	373.00	373.00
DISCCART	462971.40	3772578.73	373.00	373.00
DISCCART	462962.30	3772578.75	373.00	373.00
DISCCART	462953.21	3772578.77	373.00	373.00
DISCCART	462944.11	3772578.78	373.00	373.00
DISCCART	462935.01	3772578.80	373.00	373.00
DISCCART	462925.91	3772578.82	373.00	373.00
DISCCART	462916.81	3772578.84	373.00	373.00
DISCCART	462998.64	3772548.67	372.08	372.08
DISCCART	462989.54	3772548.69	372.08	372.08
DISCCART	462980.44	3772548.71	372.08	372.08
DISCCART	462971.34	3772548.73	372.08	372.08
DISCCART	462962.24	3772548.75	372.08	372.08
DISCCART	462953.14	3772548.77	372.08	372.08
DISCCART	462944.04	3772548.78	372.08	372.08
DISCCART	462934.95	3772548.80	372.08	372.08
DISCCART	462925.85	3772548.82	372.08	372.08
DISCCART	462916.75	3772548.84	372.08	372.08
DISCCART	462998.55	3772508.67	371.74	371.74
DISCCART	462989.46	3772508.69	371.75	371.75
DISCCART	462980.36	3772508.71	371.75	371.75
DISCCART	462971.26	3772508.73	371.75	371.75
DISCCART	462962.16	3772508.75	371.75	371.75
DISCCART	462953.06	3772508.77	371.75	371.75
DISCCART	462943.96	3772508.78	371.75	371.75
DISCCART	462934.86	3772508.80	371.79	371.79
DISCCART	462925.76	3772508.82	371.87	371.87
DISCCART	462916.66	3772508.84	371.94	371.94
DISCCART	462998.39	3772428.67	370.08	370.08
DISCCART	462989.29	3772428.69	370.08	370.08
DISCCART	462980.19	3772428.71	370.08	370.08
DISCCART	462971.09	3772428.73	370.08	370.08
DISCCART	462961.99	3772428.75	370.32	370.32
DISCCART	462952.89	3772428.77	370.59	370.59
DISCCART	462943.79	3772428.78	370.87	370.87
DISCCART	462934.69	3772428.80	371.00	371.00
DISCCART	462925.60	3772428.82	371.00	371.00
DISCCART	462916.50	3772428.84	371.00	371.00
DISCCART	462998.30	3772388.67	370.00	370.00
DISCCART	462989.21	3772388.69	370.00	370.00
DISCCART	462980.11	3772388.71	370.00	370.00
DISCCART	462971.01	3772388.73	370.00	370.00
DISCCART	462961.91	3772388.75	370.00	370.00
DISCCART	462952.81	3772388.77	370.00	370.00
DISCCART	462943.71	3772388.78	370.00	370.00
DISCCART	462934.61	3772388.80	370.13	370.13
DISCCART	462925.51	3772388.82	370.35	370.35
DISCCART	462916.41	3772388.84	370.58	370.58
DISCCART	462998.22	3772348.67	369.41	369.41
DISCCART	462989.12	3772348.69	369.41	369.41
DISCCART	462980.02	3772348.71	369.41	369.41

DISCCART	462970.92	3772348.73	369.41	369.41
DISCCART	462961.82	3772348.75	369.41	369.41
DISCCART	462952.73	3772348.77	369.41	369.41
DISCCART	462943.63	3772348.78	369.41	369.41
DISCCART	462934.53	3772348.80	369.52	369.52
DISCCART	462925.43	3772348.82	369.69	369.69
DISCCART	462916.33	3772348.84	369.87	369.87
DISCCART	462998.14	3772308.67	369.00	369.00
DISCCART	462989.04	3772308.69	369.00	369.00
DISCCART	462979.94	3772308.71	369.00	369.00
DISCCART	462970.84	3772308.73	369.00	369.00
DISCCART	462961.74	3772308.75	369.00	369.00
DISCCART	462952.64	3772308.77	369.00	369.00
DISCCART	462943.54	3772308.78	369.00	369.00
DISCCART	462934.44	3772308.80	369.01	369.01
DISCCART	462925.34	3772308.82	369.04	369.04
DISCCART	462916.25	3772308.84	369.07	369.07
DISCCART	462998.05	3772268.67	368.00	368.00
DISCCART	462988.95	3772268.69	368.00	368.00
DISCCART	462979.86	3772268.71	368.00	368.00
DISCCART	462970.76	3772268.73	368.00	368.00
DISCCART	462961.66	3772268.75	368.00	368.00
DISCCART	462952.56	3772268.77	368.00	368.00
DISCCART	462943.46	3772268.78	368.00	368.00
DISCCART	462934.36	3772268.80	368.13	368.13
DISCCART	462925.26	3772268.82	368.36	368.36
DISCCART	462916.16	3772268.84	368.59	368.59
DISCCART	463032.11	3772238.96	367.69	367.69
DISCCART	463040.46	3772242.40	367.56	367.56
DISCCART	463057.16	3772249.28	367.17	367.17
DISCCART	463065.50	3772252.71	367.21	367.21
DISCCART	463073.85	3772256.15	367.33	367.33
DISCCART	463441.15	3772407.40	368.37	368.37
DISCCART	463457.85	3772414.28	368.60	368.60
DISCCART	463466.19	3772417.72	368.71	368.71
DISCCART	463474.54	3772421.15	368.83	368.83
DISCCART	463491.24	3772428.03	369.00	369.00
DISCCART	463499.58	3772431.47	369.00	369.00
DISCCART	463507.93	3772434.90	369.00	369.00
DISCCART	463524.63	3772441.78	369.00	369.00
DISCCART	462997.97	3772228.67	367.41	367.41
DISCCART	462988.87	3772228.69	367.41	367.41
DISCCART	462979.77	3772228.71	367.41	367.41
DISCCART	462970.67	3772228.73	367.41	367.41
DISCCART	462961.57	3772228.75	367.57	367.57
DISCCART	462952.47	3772228.77	367.75	367.75
DISCCART	462943.38	3772228.79	367.93	367.93
DISCCART	462934.28	3772228.80	368.00	368.00
DISCCART	462925.18	3772228.82	368.00	368.00
DISCCART	462916.08	3772228.84	368.00	368.00
DISCCART	463032.15	3772199.01	366.95	366.95
DISCCART	463040.54	3772202.47	366.83	366.83
DISCCART	463048.93	3772205.92	366.78	366.78
DISCCART	463057.31	3772209.38	366.79	366.79
DISCCART	463099.25	3772226.65	367.00	367.00
DISCCART	463107.64	3772230.10	367.00	367.00
DISCCART	463116.03	3772233.56	367.00	367.00
DISCCART	463124.42	3772237.01	367.00	367.00
DISCCART	463132.81	3772240.46	367.00	367.00
DISCCART	463141.19	3772243.92	367.00	367.00
DISCCART	463149.58	3772247.37	367.03	367.03
DISCCART	463157.97	3772250.83	367.11	367.11
DISCCART	463166.36	3772254.28	367.12	367.12
DISCCART	463174.75	3772257.73	367.06	367.06
DISCCART	463434.78	3772364.81	367.95	367.95
DISCCART	463443.16	3772368.27	368.00	368.00

DISCCART	463451.55	3772371.72	368.00	368.00
DISCCART	463459.94	3772375.17	368.00	368.00
DISCCART	463468.33	3772378.63	368.00	368.00
DISCCART	463485.10	3772385.54	368.00	368.00
DISCCART	463493.49	3772388.99	368.00	368.00
DISCCART	463501.88	3772392.45	368.00	368.00
DISCCART	463510.27	3772395.90	368.00	368.00
DISCCART	463527.04	3772402.81	368.22	368.22
DISCCART	463535.43	3772406.26	368.33	368.33
DISCCART	463543.82	3772409.72	368.38	368.38
DISCCART	463552.21	3772413.17	368.33	368.33
DISCCART	463568.99	3772420.08	368.02	368.02
DISCCART	463594.15	3772430.44	368.14	368.14
DISCCART	463602.54	3772433.89	368.25	368.25
DISCCART	463610.93	3772437.35	368.37	368.37
DISCCART	463619.31	3772440.80	368.48	368.48
DISCCART	462997.89	3772188.67	367.00	367.00
DISCCART	462988.79	3772188.69	367.00	367.00
DISCCART	462979.69	3772188.71	367.00	367.00
DISCCART	462970.59	3772188.73	367.00	367.00
DISCCART	462961.49	3772188.75	367.02	367.02
DISCCART	462952.39	3772188.77	367.05	367.05
DISCCART	462943.29	3772188.79	367.07	367.07
DISCCART	462934.19	3772188.80	367.08	367.08
DISCCART	462925.09	3772188.82	367.08	367.08
DISCCART	462916.00	3772188.84	367.08	367.08
DISCCART	463031.88	3772158.94	366.08	366.08
DISCCART	463048.53	3772165.80	366.12	366.12
DISCCART	463056.86	3772169.22	366.04	366.04
DISCCART	463065.19	3772172.65	366.00	366.00
DISCCART	463081.84	3772179.51	366.00	366.00
DISCCART	463090.17	3772182.94	366.00	366.00
DISCCART	463106.82	3772189.80	366.12	366.12
DISCCART	463115.14	3772193.23	366.23	366.23
DISCCART	463123.47	3772196.65	366.34	366.34
DISCCART	463140.12	3772203.51	366.57	366.57
DISCCART	463148.45	3772206.94	366.69	366.69
DISCCART	463198.41	3772227.51	367.00	367.00
DISCCART	463206.73	3772230.94	367.00	367.00
DISCCART	463223.39	3772237.80	367.00	367.00
DISCCART	463231.71	3772241.23	367.00	367.00
DISCCART	463240.04	3772244.66	367.00	367.00
DISCCART	463256.69	3772251.51	367.00	367.00
DISCCART	463265.02	3772254.94	367.00	367.00
DISCCART	463439.87	3772326.95	367.00	367.00
DISCCART	463456.53	3772333.80	367.00	367.00
DISCCART	463464.85	3772337.23	367.03	367.03
DISCCART	463473.18	3772340.66	367.14	367.14
DISCCART	463489.83	3772347.52	367.37	367.37
DISCCART	463498.16	3772350.95	367.49	367.49
DISCCART	463506.48	3772354.38	367.60	367.60
DISCCART	463523.14	3772361.23	367.46	367.46
DISCCART	463531.46	3772364.66	367.26	367.26
DISCCART	463548.12	3772371.52	367.17	367.17
DISCCART	463556.44	3772374.95	367.29	367.29
DISCCART	463564.77	3772378.38	367.40	367.40
DISCCART	463589.75	3772388.66	367.74	367.74
DISCCART	463606.40	3772395.52	367.75	367.75
DISCCART	463614.73	3772398.95	367.54	367.54
DISCCART	463623.05	3772402.38	367.38	367.38
DISCCART	463639.71	3772409.23	367.43	367.43
DISCCART	463648.03	3772412.66	367.54	367.54
DISCCART	463664.69	3772419.52	367.77	367.77
DISCCART	463673.01	3772422.95	367.89	367.89
DISCCART	463681.34	3772426.38	368.00	368.00
DISCCART	463697.99	3772433.24	367.79	367.79

DISCCART	463706.32	3772436.66	367.64	367.64
DISCCART	462997.80	3772148.67	366.05	366.05
DISCCART	462988.70	3772148.69	366.27	366.27
DISCCART	462979.60	3772148.71	366.50	366.50
DISCCART	462970.51	3772148.73	366.73	366.73
DISCCART	462961.41	3772148.75	366.82	366.82
DISCCART	462952.31	3772148.77	366.89	366.89
DISCCART	462943.21	3772148.79	366.97	366.97
DISCCART	462934.11	3772148.80	367.00	367.00
DISCCART	462925.01	3772148.82	367.00	367.00
DISCCART	462915.91	3772148.84	367.00	367.00
DISCCART	462908.00	3773148.93	382.00	382.00
DISCCART	462908.09	3773158.89	382.00	382.00
DISCCART	462908.18	3773168.84	382.00	382.00
DISCCART	462908.27	3773178.80	382.00	382.00
DISCCART	462908.36	3773188.75	382.02	382.02
DISCCART	462908.46	3773198.71	382.03	382.03
DISCCART	462908.55	3773208.66	382.11	382.11
DISCCART	462908.64	3773218.62	382.43	382.43
DISCCART	462908.73	3773228.57	382.75	382.75
DISCCART	462908.82	3773238.53	383.00	383.00
DISCCART	462900.89	3773141.90	381.85	381.85
DISCCART	462898.09	3773158.98	382.00	382.00
DISCCART	462898.18	3773168.93	382.00	382.00
DISCCART	462898.27	3773178.89	382.03	382.03
DISCCART	462898.36	3773188.84	382.16	382.16
DISCCART	462898.46	3773198.80	382.28	382.28
DISCCART	462898.55	3773208.75	382.42	382.42
DISCCART	462898.64	3773218.71	382.63	382.63
DISCCART	462898.73	3773228.66	382.84	382.84
DISCCART	462898.82	3773238.62	383.00	383.00
DISCCART	462890.89	3773141.99	381.86	381.86
DISCCART	462903.76	3773124.78	381.28	381.28
DISCCART	462888.09	3773159.07	382.00	382.00
DISCCART	462888.18	3773169.02	382.00	382.00
DISCCART	462888.27	3773178.98	382.06	382.06
DISCCART	462888.37	3773188.93	382.30	382.30
DISCCART	462888.46	3773198.89	382.53	382.53
DISCCART	462888.55	3773208.84	382.73	382.73
DISCCART	462888.64	3773218.80	382.82	382.82
DISCCART	462888.73	3773228.75	382.92	382.92
DISCCART	462888.82	3773238.71	383.00	383.00
DISCCART	462880.89	3773142.08	381.86	381.86
DISCCART	462886.67	3773127.84	381.38	381.38
DISCCART	462896.65	3773117.75	381.05	381.05
DISCCART	462878.09	3773159.16	382.00	382.00
DISCCART	462878.18	3773169.12	382.00	382.00
DISCCART	462878.27	3773179.07	382.09	382.09
DISCCART	462878.37	3773189.03	382.42	382.42
DISCCART	462878.46	3773198.98	382.75	382.75
DISCCART	462878.55	3773208.94	383.00	383.00
DISCCART	462878.64	3773218.89	383.00	383.00
DISCCART	462878.73	3773228.85	383.00	383.00
DISCCART	462878.82	3773238.80	383.00	383.00
DISCCART	462871.61	3773140.39	381.80	381.80
DISCCART	462875.22	3773131.49	381.51	381.51
DISCCART	462878.84	3773122.59	381.21	381.21
DISCCART	462891.31	3773109.97	381.00	381.00
DISCCART	462900.17	3773106.26	381.00	381.00
DISCCART	462909.03	3773102.55	381.00	381.00
DISCCART	462868.00	3773149.30	382.00	382.00
DISCCART	462868.09	3773159.25	382.00	382.00
DISCCART	462868.18	3773169.21	382.00	382.00
DISCCART	462868.28	3773179.16	382.09	382.09
DISCCART	462868.37	3773189.12	382.43	382.43
DISCCART	462868.46	3773199.07	382.76	382.76

DISCCART	462868.55	3773209.03	383.00	383.00
DISCCART	462868.64	3773218.98	383.00	383.00
DISCCART	462868.73	3773228.94	383.00	383.00
DISCCART	462868.82	3773238.89	383.03	383.03
DISCCART	462861.47	3773140.84	381.82	381.82
DISCCART	462864.94	3773132.29	381.53	381.53
DISCCART	462868.40	3773123.75	381.25	381.25
DISCCART	462871.87	3773115.20	381.00	381.00
DISCCART	462883.84	3773103.09	381.00	381.00
DISCCART	462892.35	3773099.53	381.00	381.00
DISCCART	462900.86	3773095.97	381.00	381.00
DISCCART	462909.37	3773092.40	381.00	381.00
DISCCART	462858.00	3773149.39	382.00	382.00
DISCCART	462858.09	3773159.34	382.00	382.00
DISCCART	462858.18	3773169.30	382.00	382.00
DISCCART	462858.28	3773179.25	382.10	382.10
DISCCART	462858.37	3773189.21	382.43	382.43
DISCCART	462858.46	3773199.16	382.76	382.76
DISCCART	462858.55	3773209.12	383.00	383.00
DISCCART	462858.64	3773219.07	383.00	383.00
DISCCART	462858.73	3773229.03	383.00	383.00
DISCCART	462858.82	3773238.98	383.06	383.06
DISCCART	462851.37	3773141.17	381.83	381.83
DISCCART	462854.74	3773132.86	381.55	381.55
DISCCART	462861.48	3773116.24	381.00	381.00
DISCCART	462876.50	3773096.16	381.00	381.00
DISCCART	462893.04	3773089.23	381.00	381.00
DISCCART	462848.09	3773159.43	382.00	382.00
DISCCART	462848.18	3773169.39	382.00	382.00
DISCCART	462848.28	3773179.34	382.10	382.10
DISCCART	462848.37	3773189.30	382.43	382.43
DISCCART	462848.46	3773199.25	382.76	382.76
DISCCART	462848.55	3773209.21	383.00	383.00
DISCCART	462848.64	3773219.16	383.00	383.00
DISCCART	462848.73	3773229.12	383.00	383.00
DISCCART	462848.82	3773239.07	383.09	383.09
DISCCART	462841.30	3773141.43	381.84	381.84
DISCCART	462847.91	3773125.15	381.29	381.29
DISCCART	462854.51	3773108.87	381.00	381.00
DISCCART	462869.22	3773089.20	381.00	381.00
DISCCART	462885.42	3773082.41	380.87	380.87
DISCCART	462901.63	3773075.63	380.64	380.64
DISCCART	462838.09	3773159.53	382.00	382.00
DISCCART	462838.19	3773169.48	382.00	382.00
DISCCART	462838.28	3773179.44	382.10	382.10
DISCCART	462838.37	3773189.39	382.44	382.44
DISCCART	462838.46	3773199.35	382.77	382.77
DISCCART	462838.55	3773209.30	383.00	383.00
DISCCART	462838.64	3773219.26	383.00	383.00
DISCCART	462838.73	3773229.21	383.00	383.00
DISCCART	462838.82	3773239.17	383.09	383.09
DISCCART	462831.72	3773140.50	381.81	381.81
DISCCART	462835.43	3773131.35	381.50	381.50
DISCCART	462839.15	3773122.19	381.20	381.20
DISCCART	462842.86	3773113.03	381.00	381.00
DISCCART	462846.58	3773103.87	381.00	381.00
DISCCART	462850.29	3773094.72	381.00	381.00
DISCCART	462863.12	3773081.74	380.93	380.93
DISCCART	462872.23	3773077.92	380.79	380.79
DISCCART	462881.35	3773074.11	380.59	380.59
DISCCART	462890.47	3773070.29	380.47	380.47
DISCCART	462899.58	3773066.47	380.34	380.34
DISCCART	462908.70	3773062.66	380.21	380.21
DISCCART	462828.00	3773149.66	382.00	382.00
DISCCART	462828.09	3773159.62	382.00	382.00
DISCCART	462828.19	3773169.57	382.00	382.00

DISCCART	462828.28	3773179.53	382.11	382.11
DISCCART	462828.37	3773189.48	382.44	382.44
DISCCART	462828.46	3773199.44	382.77	382.77
DISCCART	462828.55	3773209.39	383.00	383.00
DISCCART	462828.64	3773219.35	383.00	383.00
DISCCART	462828.73	3773229.30	383.00	383.00
DISCCART	462828.82	3773239.26	383.10	383.10
DISCCART	462821.62	3773140.85	381.82	381.82
DISCCART	462825.23	3773131.95	381.52	381.52
DISCCART	462828.84	3773123.04	381.22	381.22
DISCCART	462832.45	3773114.14	381.00	381.00
DISCCART	462836.06	3773105.24	381.00	381.00
DISCCART	462839.67	3773096.33	381.00	381.00
DISCCART	462843.28	3773087.43	381.00	381.00
DISCCART	462855.76	3773074.82	380.92	380.92
DISCCART	462864.62	3773071.11	380.75	380.75
DISCCART	462873.48	3773067.39	380.50	380.50
DISCCART	462882.34	3773063.68	380.24	380.24
DISCCART	462891.20	3773059.97	380.12	380.12
DISCCART	462900.07	3773056.26	380.00	380.00
DISCCART	462908.93	3773052.55	380.00	380.00
DISCCART	462818.00	3773149.75	382.00	382.00
DISCCART	462818.10	3773159.71	382.00	382.00
DISCCART	462818.19	3773169.66	382.00	382.00
DISCCART	462818.28	3773179.62	382.11	382.11
DISCCART	462818.37	3773189.57	382.44	382.44
DISCCART	462818.46	3773199.53	382.77	382.77
DISCCART	462818.55	3773209.48	383.00	383.00
DISCCART	462818.64	3773219.44	383.00	383.00
DISCCART	462818.73	3773229.39	383.00	383.00
DISCCART	462818.82	3773239.35	383.10	383.10
DISCCART	462801.47	3773141.39	381.94	381.94
DISCCART	462804.94	3773132.84	381.77	381.77
DISCCART	462808.41	3773124.30	381.54	381.54
DISCCART	462811.87	3773115.75	381.25	381.25
DISCCART	462815.34	3773107.20	381.10	381.10
DISCCART	462818.81	3773098.65	381.01	381.01
DISCCART	462822.27	3773090.11	381.00	381.00
DISCCART	462825.74	3773081.56	381.00	381.00
DISCCART	462829.21	3773073.01	381.00	381.00
DISCCART	462841.18	3773060.90	381.00	381.00
DISCCART	462849.69	3773057.34	381.00	381.00
DISCCART	462858.20	3773053.78	380.65	380.65
DISCCART	462866.70	3773050.22	380.34	380.34
DISCCART	462875.21	3773046.65	380.10	380.10
DISCCART	462883.72	3773043.09	380.00	380.00
DISCCART	462892.23	3773039.53	380.00	380.00
DISCCART	462900.73	3773035.97	380.00	380.00
DISCCART	462909.24	3773032.40	380.00	380.00
DISCCART	462798.01	3773149.94	382.00	382.00
DISCCART	462798.10	3773159.89	382.00	382.00
DISCCART	462798.19	3773169.85	382.00	382.00
DISCCART	462798.28	3773179.80	382.12	382.12
DISCCART	462798.37	3773189.76	382.45	382.45
DISCCART	462798.46	3773199.71	382.78	382.78
DISCCART	462798.55	3773209.67	383.00	383.00
DISCCART	462798.64	3773219.62	383.00	383.00
DISCCART	462798.73	3773229.58	383.00	383.00
DISCCART	462798.82	3773239.53	383.11	383.11
DISCCART	462781.68	3773141.05	382.00	382.00
DISCCART	462785.36	3773131.99	382.00	382.00
DISCCART	462789.04	3773122.92	382.00	382.00
DISCCART	462792.71	3773113.86	381.82	381.82
DISCCART	462796.39	3773104.79	381.48	381.48
DISCCART	462800.07	3773095.73	381.20	381.20
DISCCART	462803.74	3773086.66	381.01	381.01

DISCCART	462807.42	3773077.60	381.00	381.00
DISCCART	462811.10	3773068.53	381.00	381.00
DISCCART	462814.77	3773059.47	381.00	381.00
DISCCART	462827.47	3773046.62	380.68	380.68
DISCCART	462836.50	3773042.85	380.55	380.55
DISCCART	462845.52	3773039.07	380.42	380.42
DISCCART	462854.54	3773035.29	380.25	380.25
DISCCART	462863.57	3773031.51	380.09	380.09
DISCCART	462872.59	3773027.73	380.01	380.01
DISCCART	462881.61	3773023.95	380.00	380.00
DISCCART	462890.64	3773020.18	380.00	380.00
DISCCART	462899.66	3773016.40	380.00	380.00
DISCCART	462908.68	3773012.62	380.00	380.00
DISCCART	462778.01	3773150.12	382.00	382.00
DISCCART	462778.10	3773160.07	382.00	382.00
DISCCART	462778.19	3773170.03	382.00	382.00
DISCCART	462778.28	3773179.98	382.12	382.12
DISCCART	462778.37	3773189.94	382.45	382.45
DISCCART	462778.46	3773199.89	382.79	382.79
DISCCART	462778.55	3773209.85	383.00	383.00
DISCCART	462778.64	3773219.80	383.00	383.00
DISCCART	462778.73	3773229.76	383.00	383.00
DISCCART	462778.82	3773239.71	383.11	383.11
DISCCART	462761.56	3773141.54	382.00	382.00
DISCCART	462765.12	3773132.77	382.00	382.00
DISCCART	462768.67	3773124.00	382.00	382.00
DISCCART	462772.23	3773115.24	381.96	381.96
DISCCART	462775.78	3773106.47	381.67	381.67
DISCCART	462779.34	3773097.70	381.38	381.38
DISCCART	462782.90	3773088.94	381.09	381.09
DISCCART	462786.45	3773080.17	381.00	381.00
DISCCART	462790.01	3773071.41	381.00	381.00
DISCCART	462793.56	3773062.64	381.00	381.00
DISCCART	462797.12	3773053.87	380.92	380.92
DISCCART	462800.67	3773045.11	380.63	380.63
DISCCART	462812.96	3773032.69	380.21	380.21
DISCCART	462821.68	3773029.03	380.09	380.09
DISCCART	462830.41	3773025.38	380.00	380.00
DISCCART	462839.13	3773021.72	380.00	380.00
DISCCART	462847.86	3773018.07	380.00	380.00
DISCCART	462856.58	3773014.42	380.00	380.00
DISCCART	462865.31	3773010.76	380.00	380.00
DISCCART	462874.04	3773007.11	380.00	380.00
DISCCART	462882.76	3773003.46	380.00	380.00
DISCCART	462891.49	3772999.80	380.00	380.00
DISCCART	462900.21	3772996.15	379.99	379.99
DISCCART	462908.94	3772992.49	379.87	379.87
DISCCART	462758.01	3773150.30	382.01	382.01
DISCCART	462758.10	3773160.26	382.02	382.02
DISCCART	462758.19	3773170.21	382.04	382.04
DISCCART	462758.28	3773180.17	382.17	382.17
DISCCART	462758.37	3773190.12	382.48	382.48
DISCCART	462758.46	3773200.08	382.80	382.80
DISCCART	462758.55	3773210.03	383.00	383.00
DISCCART	462758.64	3773219.99	383.00	383.00
DISCCART	462758.73	3773229.94	383.00	383.00
DISCCART	462758.83	3773239.90	383.12	383.12
DISCCART	462745.44	3773132.17	382.00	382.00
DISCCART	462749.15	3773123.01	382.00	382.00
DISCCART	462752.86	3773113.85	381.92	381.92
DISCCART	462756.58	3773104.70	381.61	381.61
DISCCART	462760.29	3773095.54	381.31	381.31
DISCCART	462764.01	3773086.38	381.00	381.00
DISCCART	462767.72	3773077.22	381.00	381.00
DISCCART	462771.44	3773068.07	381.00	381.00
DISCCART	462775.15	3773058.91	381.00	381.00

DISCCART	462778.87	3773049.75	380.78	380.78
DISCCART	462782.58	3773040.59	380.48	380.48
DISCCART	462786.29	3773031.44	380.17	380.17
DISCCART	462799.12	3773018.46	380.00	380.00
DISCCART	462808.24	3773014.64	380.00	380.00
DISCCART	462817.35	3773010.83	380.00	380.00
DISCCART	462826.47	3773007.01	380.00	380.00
DISCCART	462835.59	3773003.19	380.00	380.00
DISCCART	462844.70	3772999.38	380.00	380.00
DISCCART	462853.82	3772995.56	379.97	379.97
DISCCART	462862.93	3772991.74	379.85	379.85
DISCCART	462872.05	3772987.93	379.72	379.72
DISCCART	462881.16	3772984.11	379.59	379.59
DISCCART	462890.28	3772980.29	379.47	379.47
DISCCART	462899.39	3772976.47	379.34	379.34
DISCCART	462908.51	3772972.66	379.21	379.21
DISCCART	462721.62	3773141.76	382.00	382.00
DISCCART	462725.23	3773132.86	382.00	382.00
DISCCART	462728.84	3773123.96	382.00	382.00
DISCCART	462746.90	3773079.44	381.00	381.00
DISCCART	462750.51	3773070.54	381.00	381.00
DISCCART	462754.12	3773061.63	381.00	381.00
DISCCART	462757.73	3773052.73	380.89	380.89
DISCCART	462761.34	3773043.83	380.58	380.58
DISCCART	462764.95	3773034.92	380.29	380.29
DISCCART	462768.56	3773026.02	380.00	380.00
DISCCART	462772.18	3773017.12	380.00	380.00
DISCCART	462784.65	3773004.50	380.00	380.00
DISCCART	462793.51	3773000.79	380.00	380.00
DISCCART	462802.37	3772997.08	380.00	380.00
DISCCART	462811.24	3772993.37	380.00	380.00
DISCCART	462820.10	3772989.66	380.00	380.00
DISCCART	462828.96	3772985.95	379.89	379.89
DISCCART	462837.82	3772982.24	379.72	379.72
DISCCART	462846.68	3772978.53	379.47	379.47
DISCCART	462855.55	3772974.82	379.28	379.28
DISCCART	462864.41	3772971.11	379.16	379.16
DISCCART	462873.27	3772967.39	379.04	379.04
DISCCART	462882.13	3772963.68	379.00	379.00
DISCCART	462891.00	3772959.97	379.00	379.00
DISCCART	462899.86	3772956.26	379.00	379.00
DISCCART	462908.72	3772952.55	379.00	379.00
DISCCART	462718.01	3773150.67	382.14	382.14
DISCCART	462718.10	3773160.62	382.48	382.48
DISCCART	462718.19	3773170.58	382.81	382.81
DISCCART	462718.28	3773180.53	383.00	383.00
DISCCART	462718.37	3773190.49	383.00	383.00
DISCCART	462718.46	3773200.44	383.00	383.00
DISCCART	462718.55	3773210.40	383.05	383.05
DISCCART	462718.65	3773220.35	383.17	383.17
DISCCART	462718.74	3773230.31	383.29	383.29
DISCCART	462718.83	3773240.26	383.44	383.44
DISCCART	462701.75	3773141.63	382.00	382.00
DISCCART	462705.49	3773132.42	382.00	382.00
DISCCART	462709.23	3773123.20	382.00	382.00
DISCCART	462712.96	3773113.98	381.97	381.97
DISCCART	462716.70	3773104.76	381.78	381.78
DISCCART	462720.44	3773095.55	381.52	381.52
DISCCART	462724.18	3773086.33	381.18	381.18
DISCCART	462727.92	3773077.11	381.04	381.04
DISCCART	462731.66	3773067.89	381.00	381.00
DISCCART	462735.40	3773058.68	381.00	381.00
DISCCART	462739.13	3773049.46	380.93	380.93
DISCCART	462742.87	3773040.24	380.76	380.76
DISCCART	462746.61	3773031.02	380.52	380.52
DISCCART	462750.35	3773021.81	380.26	380.26

DISCCART	462754.09	3773012.59	380.10	380.10
DISCCART	462757.83	3773003.37	380.01	380.01
DISCCART	462770.74	3772990.31	380.00	380.00
DISCCART	462779.92	3772986.47	380.00	380.00
DISCCART	462789.09	3772982.63	380.00	380.00
DISCCART	462798.27	3772978.78	380.00	380.00
DISCCART	462807.44	3772974.94	380.00	380.00
DISCCART	462816.62	3772971.10	380.00	380.00
DISCCART	462825.79	3772967.26	379.80	379.80
DISCCART	462834.97	3772963.42	379.44	379.44
DISCCART	462844.14	3772959.58	379.14	379.14
DISCCART	462853.32	3772955.73	379.00	379.00
DISCCART	462862.49	3772951.89	379.00	379.00
DISCCART	462871.67	3772948.05	379.00	379.00
DISCCART	462880.84	3772944.21	379.00	379.00
DISCCART	462890.02	3772940.37	379.00	379.00
DISCCART	462899.19	3772936.52	379.00	379.00
DISCCART	462908.37	3772932.68	378.88	378.88
DISCCART	462698.01	3773150.85	382.20	382.20
DISCCART	462698.10	3773160.81	382.51	382.51
DISCCART	462698.19	3773170.76	382.82	382.82
DISCCART	462698.28	3773180.72	383.01	383.01
DISCCART	462698.37	3773190.67	383.02	383.02
DISCCART	462698.46	3773200.63	383.03	383.03
DISCCART	462698.56	3773210.58	383.17	383.17
DISCCART	462698.65	3773220.54	383.49	383.49
DISCCART	462698.74	3773230.49	383.81	383.81
DISCCART	462698.83	3773240.45	384.00	384.00
DISCCART	462681.66	3773142.04	382.51	382.51
DISCCART	462685.31	3773133.04	382.27	382.27
DISCCART	462688.96	3773124.04	382.09	382.09
DISCCART	462692.61	3773115.05	382.00	382.00
DISCCART	462696.26	3773106.05	382.00	382.00
DISCCART	462699.91	3773097.05	381.99	381.99
DISCCART	462703.55	3773088.05	381.88	381.88
DISCCART	462707.20	3773079.06	381.57	381.57
DISCCART	462710.85	3773070.06	381.29	381.29
DISCCART	462714.50	3773061.06	381.08	381.08
DISCCART	462718.15	3773052.07	381.00	381.00
DISCCART	462721.80	3773043.07	381.00	381.00
DISCCART	462725.45	3773034.07	381.00	381.00
DISCCART	462729.10	3773025.08	380.96	380.96
DISCCART	462732.75	3773016.08	380.59	380.59
DISCCART	462736.40	3773007.08	380.28	380.28
DISCCART	462740.05	3772998.08	380.04	380.04
DISCCART	462743.70	3772989.09	380.00	380.00
DISCCART	462756.30	3772976.34	380.00	380.00
DISCCART	462765.26	3772972.59	380.00	380.00
DISCCART	462774.21	3772968.84	380.00	380.00
DISCCART	462783.17	3772965.09	379.96	379.96
DISCCART	462792.12	3772961.34	379.83	379.83
DISCCART	462801.08	3772957.59	379.71	379.71
DISCCART	462810.03	3772953.84	379.58	379.58
DISCCART	462818.99	3772950.09	379.46	379.46
DISCCART	462827.94	3772946.34	379.24	379.24
DISCCART	462836.90	3772942.59	379.09	379.09
DISCCART	462845.85	3772938.84	379.01	379.01
DISCCART	462854.81	3772935.09	379.00	379.00
DISCCART	462863.77	3772931.34	379.00	379.00
DISCCART	462872.72	3772927.59	379.00	379.00
DISCCART	462881.68	3772923.84	378.97	378.97
DISCCART	462890.63	3772920.09	378.80	378.80
DISCCART	462899.59	3772916.34	378.56	378.56
DISCCART	462908.54	3772912.59	378.24	378.24
DISCCART	462678.01	3773151.03	382.76	382.76
DISCCART	462678.10	3773160.99	382.86	382.86

DISCCART	462678.19	3773170.94	382.95	382.95
DISCCART	462678.28	3773180.90	383.11	383.11
DISCCART	462678.37	3773190.85	383.34	383.34
DISCCART	462678.47	3773200.81	383.58	383.58
DISCCART	462678.56	3773210.76	383.75	383.75
DISCCART	462678.65	3773220.72	383.84	383.84
DISCCART	462678.74	3773230.67	383.94	383.94
DISCCART	462678.83	3773240.63	384.00	384.00
DISCCART	462661.59	3773142.40	382.87	382.87
DISCCART	462665.16	3773133.58	382.57	382.57
DISCCART	462668.74	3773124.76	382.28	382.28
DISCCART	462672.32	3773115.94	382.00	382.00
DISCCART	462675.89	3773107.12	382.00	382.00
DISCCART	462679.47	3773098.31	382.00	382.00
DISCCART	462683.05	3773089.49	382.00	382.00
DISCCART	462686.62	3773080.67	381.81	381.81
DISCCART	462690.20	3773071.85	381.52	381.52
DISCCART	462693.78	3773063.03	381.22	381.22
DISCCART	462697.36	3773054.21	381.00	381.00
DISCCART	462700.93	3773045.39	381.00	381.00
DISCCART	462704.51	3773036.58	381.00	381.00
DISCCART	462708.09	3773027.76	381.00	381.00
DISCCART	462711.66	3773018.94	380.75	380.75
DISCCART	462715.24	3773010.12	380.46	380.46
DISCCART	462718.82	3773001.30	380.17	380.17
DISCCART	462722.39	3772992.48	380.00	380.00
DISCCART	462725.97	3772983.66	380.00	380.00
DISCCART	462729.55	3772974.85	380.00	380.00
DISCCART	462741.90	3772962.35	379.87	379.87
DISCCART	462750.68	3772958.68	379.74	379.74
DISCCART	462759.46	3772955.00	379.62	379.62
DISCCART	462768.23	3772951.33	379.50	379.50
DISCCART	462777.01	3772947.65	379.38	379.38
DISCCART	462785.79	3772943.97	379.25	379.25
DISCCART	462794.57	3772940.30	379.13	379.13
DISCCART	462803.35	3772936.62	379.01	379.01
DISCCART	462812.12	3772932.95	379.00	379.00
DISCCART	462820.90	3772929.27	379.00	379.00
DISCCART	462829.68	3772925.60	379.00	379.00
DISCCART	462838.46	3772921.92	379.00	379.00
DISCCART	462847.23	3772918.25	379.00	379.00
DISCCART	462856.01	3772914.57	379.00	379.00
DISCCART	462864.79	3772910.89	379.00	379.00
DISCCART	462873.57	3772907.22	379.00	379.00
DISCCART	462882.35	3772903.54	378.83	378.83
DISCCART	462891.12	3772899.87	378.48	378.48
DISCCART	462658.01	3773151.22	383.00	383.00
DISCCART	462658.10	3773161.17	383.00	383.00
DISCCART	462658.19	3773171.13	383.00	383.00
DISCCART	462658.28	3773181.08	383.16	383.16
DISCCART	462658.37	3773191.04	383.49	383.49
DISCCART	462658.47	3773200.99	383.82	383.82
DISCCART	462658.56	3773210.95	384.00	384.00
DISCCART	462658.65	3773220.90	384.00	384.00
DISCCART	462658.74	3773230.86	384.00	384.00
DISCCART	462658.83	3773240.81	384.05	384.05
DISCCART	462641.69	3773142.33	382.87	382.87
DISCCART	462645.37	3773133.27	382.56	382.56
DISCCART	462649.04	3773124.20	382.26	382.26
DISCCART	462652.72	3773115.14	382.00	382.00
DISCCART	462656.40	3773106.07	382.00	382.00
DISCCART	462660.07	3773097.01	382.00	382.00
DISCCART	462663.75	3773087.94	382.00	382.00
DISCCART	462667.43	3773078.88	381.75	381.75
DISCCART	462671.10	3773069.81	381.45	381.45
DISCCART	462674.78	3773060.75	381.15	381.15

DISCCART	462678.46	3773051.68	381.00	381.00
DISCCART	462682.13	3773042.62	381.00	381.00
DISCCART	462685.81	3773033.55	381.00	381.00
DISCCART	462689.49	3773024.49	380.94	380.94
DISCCART	462693.16	3773015.42	380.64	380.64
DISCCART	462696.84	3773006.36	380.33	380.33
DISCCART	462700.52	3772997.29	380.03	380.03
DISCCART	462704.19	3772988.23	380.00	380.00
DISCCART	462707.87	3772979.16	380.00	380.00
DISCCART	462711.55	3772970.10	380.00	380.00
DISCCART	462715.22	3772961.03	379.82	379.82
DISCCART	462727.92	3772948.19	379.40	379.40
DISCCART	462736.95	3772944.41	379.27	379.27
DISCCART	462745.97	3772940.63	379.14	379.14
DISCCART	462755.00	3772936.85	379.02	379.02
DISCCART	462764.02	3772933.07	379.00	379.00
DISCCART	462773.04	3772929.29	379.00	379.00
DISCCART	462782.07	3772925.52	379.00	379.00
DISCCART	462791.09	3772921.74	379.00	379.00
DISCCART	462800.11	3772917.96	379.00	379.00
DISCCART	462809.14	3772914.18	379.00	379.00
DISCCART	462818.16	3772910.40	379.00	379.00
DISCCART	462827.18	3772906.62	379.00	379.00
DISCCART	462836.21	3772902.85	378.88	378.88
DISCCART	462845.23	3772899.07	378.76	378.76
DISCCART	462638.01	3773151.40	383.00	383.00
DISCCART	462638.10	3773161.35	383.00	383.00
DISCCART	462638.19	3773171.31	383.00	383.00
DISCCART	462638.28	3773181.26	383.16	383.16
DISCCART	462638.38	3773191.22	383.50	383.50
DISCCART	462638.47	3773201.17	383.83	383.83
DISCCART	462638.56	3773211.13	384.00	384.00
DISCCART	462638.65	3773221.08	384.00	384.00
DISCCART	462638.74	3773231.04	384.00	384.00
DISCCART	462638.83	3773240.99	384.16	384.16
DISCCART	462628.85	3773124.87	382.28	382.28
DISCCART	462632.46	3773115.97	382.00	382.00
DISCCART	462636.07	3773107.07	382.00	382.00
DISCCART	462639.68	3773098.16	382.00	382.00
DISCCART	462643.29	3773089.26	382.00	382.00
DISCCART	462646.90	3773080.36	381.80	381.80
DISCCART	462650.51	3773071.45	381.50	381.50
DISCCART	462654.12	3773062.55	381.21	381.21
DISCCART	462657.74	3773053.65	381.00	381.00
DISCCART	462661.35	3773044.74	381.00	381.00
DISCCART	462664.96	3773035.84	381.00	381.00
DISCCART	462668.57	3773026.94	381.00	381.00
DISCCART	462672.18	3773018.03	380.72	380.72
DISCCART	462675.79	3773009.13	380.43	380.43
DISCCART	462679.40	3773000.23	380.13	380.13
DISCCART	462683.01	3772991.32	380.00	380.00
DISCCART	462686.62	3772982.42	380.00	380.00
DISCCART	462690.24	3772973.52	380.00	380.00
DISCCART	462693.85	3772964.61	379.94	379.94
DISCCART	462697.46	3772955.71	379.65	379.65
DISCCART	462701.07	3772946.81	379.35	379.35
DISCCART	462713.54	3772934.19	379.00	379.00
DISCCART	462722.40	3772930.48	379.00	379.00
DISCCART	462731.27	3772926.77	379.00	379.00
DISCCART	462740.13	3772923.06	379.00	379.00
DISCCART	462748.99	3772919.35	379.00	379.00
DISCCART	462757.85	3772915.64	379.00	379.00
DISCCART	462766.72	3772911.93	379.00	379.00
DISCCART	462775.58	3772908.22	379.00	379.00
DISCCART	462784.44	3772904.50	378.94	378.94
DISCCART	462793.30	3772900.79	378.82	378.82

DISCCART	462802.16	3772897.08	378.69	378.69
DISCCART	462890.79	3772859.97	378.00	378.00
DISCCART	462899.65	3772856.26	378.00	378.00
DISCCART	462908.51	3772852.55	378.00	378.00
DISCCART	462591.68	3773142.82	382.88	382.88
DISCCART	462595.35	3773133.78	382.58	382.58
DISCCART	462599.01	3773124.74	382.28	382.28
DISCCART	462602.68	3773115.70	382.00	382.00
DISCCART	462606.35	3773106.65	382.00	382.00
DISCCART	462628.35	3773052.41	381.00	381.00
DISCCART	462632.01	3773043.37	381.00	381.00
DISCCART	462635.68	3773034.33	381.00	381.00
DISCCART	462639.35	3773025.29	380.97	380.97
DISCCART	462643.01	3773016.25	380.66	380.66
DISCCART	462646.68	3773007.21	380.36	380.36
DISCCART	462650.35	3772998.17	380.06	380.06
DISCCART	462654.01	3772989.13	380.00	380.00
DISCCART	462657.68	3772980.09	380.00	380.00
DISCCART	462661.35	3772971.05	380.00	380.00
DISCCART	462665.01	3772962.01	379.88	379.88
DISCCART	462668.68	3772952.97	379.57	379.57
DISCCART	462672.35	3772943.93	379.25	379.25
DISCCART	462676.01	3772934.89	379.00	379.00
DISCCART	462679.68	3772925.85	379.00	379.00
DISCCART	462692.35	3772913.04	379.00	379.00
DISCCART	462701.35	3772909.27	379.00	379.00
DISCCART	462710.34	3772905.50	378.97	378.97
DISCCART	462719.34	3772901.74	378.85	378.85
DISCCART	462728.34	3772897.97	378.72	378.72
DISCCART	462737.34	3772894.20	378.60	378.60
DISCCART	462827.33	3772856.52	378.00	378.00
DISCCART	462836.32	3772852.75	378.00	378.00
DISCCART	462845.32	3772848.98	378.00	378.00
DISCCART	462854.32	3772845.22	377.96	377.96
DISCCART	462863.32	3772841.45	377.84	377.84
DISCCART	462872.32	3772837.68	377.71	377.71
DISCCART	462881.32	3772833.91	377.59	377.59
DISCCART	462890.32	3772830.14	377.46	377.46
DISCCART	462899.31	3772826.38	377.33	377.33
DISCCART	462588.01	3773151.86	383.00	383.00
DISCCART	462588.10	3773161.81	383.00	383.00
DISCCART	462588.20	3773171.77	383.00	383.00
DISCCART	462588.29	3773181.72	383.18	383.18
DISCCART	462588.38	3773191.68	383.51	383.51
DISCCART	462588.47	3773201.63	383.84	383.84
DISCCART	462588.56	3773211.59	384.00	384.00
DISCCART	462588.65	3773221.54	384.00	384.00
DISCCART	462588.74	3773231.50	384.00	384.00
DISCCART	462588.83	3773241.45	384.17	384.17
DISCCART	462561.73	3773142.97	382.89	382.89
DISCCART	462565.44	3773133.82	382.58	382.58
DISCCART	462569.16	3773124.66	382.28	382.28
DISCCART	462572.87	3773115.50	382.00	382.00
DISCCART	462576.59	3773106.34	382.00	382.00
DISCCART	462580.30	3773097.18	382.00	382.00
DISCCART	462584.02	3773088.03	382.00	382.00
DISCCART	462587.73	3773078.87	381.75	381.75
DISCCART	462591.44	3773069.71	381.45	381.45
DISCCART	462595.16	3773060.55	381.14	381.14
DISCCART	462598.87	3773051.40	381.00	381.00
DISCCART	462602.59	3773042.24	381.00	381.00
DISCCART	462606.30	3773033.08	381.00	381.00
DISCCART	462628.59	3772978.13	380.14	380.14
DISCCART	462632.30	3772968.98	380.02	380.02
DISCCART	462636.02	3772959.82	380.00	380.00
DISCCART	462639.73	3772950.66	380.00	380.00

DISCCART	462643.44	3772941.50	379.90	379.90
DISCCART	462647.16	3772932.35	379.65	379.65
DISCCART	462650.87	3772923.19	379.35	379.35
DISCCART	462654.59	3772914.03	379.13	379.13
DISCCART	462658.30	3772904.87	379.00	379.00
DISCCART	462671.13	3772891.90	378.98	378.98
DISCCART	462762.29	3772853.73	378.00	378.00
DISCCART	462771.40	3772849.91	378.00	378.00
DISCCART	462780.52	3772846.09	378.00	378.00
DISCCART	462789.63	3772842.28	378.00	378.00
DISCCART	462798.75	3772838.46	378.00	378.00
DISCCART	462807.86	3772834.64	378.00	378.00
DISCCART	462816.98	3772830.83	378.00	378.00
DISCCART	462826.09	3772827.01	377.86	377.86
DISCCART	462889.90	3772800.29	377.00	377.00
DISCCART	462899.02	3772796.47	377.00	377.00
DISCCART	462908.13	3772792.66	377.00	377.00
DISCCART	462558.02	3773152.13	383.00	383.00
DISCCART	462558.11	3773162.09	383.00	383.00
DISCCART	462558.20	3773172.04	383.00	383.00
DISCCART	462558.29	3773182.00	383.19	383.19
DISCCART	462558.38	3773191.95	383.52	383.52
DISCCART	462558.47	3773201.91	383.85	383.85
DISCCART	462558.56	3773211.86	384.00	384.00
DISCCART	462558.65	3773221.82	384.00	384.00
DISCCART	462558.74	3773231.77	384.00	384.00
DISCCART	462558.83	3773241.73	384.18	384.18
DISCCART	462531.65	3773143.44	382.96	382.96
DISCCART	462535.29	3773134.48	382.79	382.79
DISCCART	462538.92	3773125.52	382.55	382.55
DISCCART	462542.55	3773116.56	382.24	382.24
DISCCART	462546.19	3773107.60	382.08	382.08
DISCCART	462549.82	3773098.64	382.00	382.00
DISCCART	462553.46	3773089.68	382.00	382.00
DISCCART	462557.09	3773080.72	381.95	381.95
DISCCART	462560.73	3773071.76	381.82	381.82
DISCCART	462564.36	3773062.80	381.62	381.62
DISCCART	462568.00	3773053.84	381.36	381.36
DISCCART	462571.63	3773044.88	381.17	381.17
DISCCART	462575.26	3773035.91	381.05	381.05
DISCCART	462578.90	3773026.95	381.00	381.00
DISCCART	462582.53	3773017.99	381.00	381.00
DISCCART	462586.17	3773009.03	381.00	381.00
DISCCART	462589.80	3773000.07	381.00	381.00
DISCCART	462593.44	3772991.11	380.83	380.83
DISCCART	462597.07	3772982.15	380.53	380.53
DISCCART	462600.71	3772973.19	380.23	380.23
DISCCART	462604.34	3772964.23	380.00	380.00
DISCCART	462622.51	3772919.42	379.44	379.44
DISCCART	462626.15	3772910.46	379.14	379.14
DISCCART	462629.78	3772901.50	379.00	379.00
DISCCART	462633.42	3772892.54	379.00	379.00
DISCCART	462694.20	3772852.21	378.04	378.04
DISCCART	462703.12	3772848.48	378.00	378.00
DISCCART	462712.04	3772844.74	378.00	378.00
DISCCART	462720.96	3772841.01	378.00	378.00
DISCCART	462729.88	3772837.27	378.00	378.00
DISCCART	462738.80	3772833.54	378.00	378.00
DISCCART	462747.72	3772829.80	378.00	378.00
DISCCART	462756.64	3772826.07	378.00	378.00
DISCCART	462765.56	3772822.33	378.00	378.00
DISCCART	462801.23	3772807.39	377.70	377.70
DISCCART	462810.15	3772803.66	377.58	377.58
DISCCART	462819.07	3772799.92	377.45	377.45
DISCCART	462827.99	3772796.19	377.24	377.24
DISCCART	462836.91	3772792.45	377.09	377.09

DISCCART	462845.83	3772788.72	377.01	377.01
DISCCART	462854.75	3772784.98	376.95	376.95
DISCCART	462863.67	3772781.25	376.83	376.83
DISCCART	462890.43	3772770.05	376.46	376.46
DISCCART	462899.35	3772766.31	376.33	376.33
DISCCART	462908.27	3772762.58	376.21	376.21
DISCCART	462528.02	3773152.40	383.00	383.00
DISCCART	462528.11	3773162.36	383.00	383.00
DISCCART	462528.20	3773172.31	383.00	383.00
DISCCART	462528.29	3773182.27	383.20	383.20
DISCCART	462528.38	3773192.22	383.53	383.53
DISCCART	462528.47	3773202.18	383.86	383.86
DISCCART	462528.56	3773212.13	384.00	384.00
DISCCART	462528.65	3773222.09	384.00	384.00
DISCCART	462528.74	3773232.04	384.00	384.00
DISCCART	462528.84	3773242.00	384.19	384.19
DISCCART	462501.69	3773143.61	383.00	383.00
DISCCART	462505.37	3773134.55	383.00	383.00
DISCCART	462527.43	3773080.16	382.00	382.00
DISCCART	462531.11	3773071.09	382.00	382.00
DISCCART	462534.79	3773062.03	382.00	382.00
DISCCART	462538.46	3773052.96	381.89	381.89
DISCCART	462542.14	3773043.90	381.59	381.59
DISCCART	462545.82	3773034.83	381.28	381.28
DISCCART	462549.49	3773025.77	381.00	381.00
DISCCART	462553.17	3773016.70	381.00	381.00
DISCCART	462556.85	3773007.64	381.00	381.00
DISCCART	462560.52	3772998.57	381.00	381.00
DISCCART	462564.20	3772989.51	380.77	380.77
DISCCART	462567.88	3772980.44	380.47	380.47
DISCCART	462571.55	3772971.37	380.17	380.17
DISCCART	462575.23	3772962.31	380.00	380.00
DISCCART	462578.91	3772953.24	380.00	380.00
DISCCART	462582.58	3772944.18	380.00	380.00
DISCCART	462586.26	3772935.11	379.96	379.96
DISCCART	462593.61	3772916.98	379.35	379.35
DISCCART	462597.29	3772907.92	379.05	379.05
DISCCART	462600.97	3772898.85	379.00	379.00
DISCCART	462604.65	3772889.79	379.00	379.00
DISCCART	462628.38	3772849.75	378.11	378.11
DISCCART	462637.40	3772845.97	378.00	378.00
DISCCART	462646.42	3772842.19	378.00	378.00
DISCCART	462655.45	3772838.41	378.00	378.00
DISCCART	462664.47	3772834.64	378.00	378.00
DISCCART	462673.49	3772830.86	378.00	378.00
DISCCART	462682.52	3772827.08	378.00	378.00
DISCCART	462691.54	3772823.30	378.00	378.00
DISCCART	462700.56	3772819.52	378.00	378.00
DISCCART	462736.66	3772804.41	377.60	377.60
DISCCART	462745.68	3772800.63	377.48	377.48
DISCCART	462754.70	3772796.85	377.35	377.35
DISCCART	462763.73	3772793.07	377.22	377.22
DISCCART	462772.75	3772789.29	377.10	377.10
DISCCART	462799.82	3772777.96	377.00	377.00
DISCCART	462808.84	3772774.18	377.00	377.00
DISCCART	462817.87	3772770.40	377.00	377.00
DISCCART	462826.89	3772766.62	376.84	376.84
DISCCART	462835.91	3772762.85	376.58	376.58
DISCCART	462844.94	3772759.07	376.23	376.23
DISCCART	462853.96	3772755.29	376.00	376.00
DISCCART	462862.98	3772751.51	376.00	376.00
DISCCART	462890.05	3772740.18	376.00	376.00
DISCCART	462899.08	3772736.40	376.00	376.00
DISCCART	462908.10	3772732.62	376.00	376.00
DISCCART	462498.02	3773152.68	383.15	383.15
DISCCART	462498.11	3773162.63	383.39	383.39

DISCCART	462498.20	3773172.59	383.63	383.63
DISCCART	462498.29	3773182.54	383.77	383.77
DISCCART	462498.38	3773192.50	383.87	383.87
DISCCART	462498.47	3773202.45	383.96	383.96
DISCCART	462498.56	3773212.41	384.00	384.00
DISCCART	462498.65	3773222.36	384.00	384.00
DISCCART	462498.75	3773232.32	384.00	384.00
DISCCART	462498.84	3773242.27	384.20	384.20
DISCCART	462471.73	3773143.80	383.00	383.00
DISCCART	462475.45	3773134.64	383.00	383.00
DISCCART	462479.16	3773125.48	383.00	383.00
DISCCART	462482.88	3773116.32	383.00	383.00
DISCCART	462486.59	3773107.16	382.69	382.69
DISCCART	462490.30	3773098.01	382.39	382.39
DISCCART	462494.02	3773088.85	382.08	382.08
DISCCART	462497.73	3773079.69	382.00	382.00
DISCCART	462505.16	3773061.38	382.00	382.00
DISCCART	462523.73	3773015.59	381.00	381.00
DISCCART	462527.45	3773006.43	381.00	381.00
DISCCART	462531.16	3772997.27	381.00	381.00
DISCCART	462534.88	3772988.11	380.73	380.73
DISCCART	462538.59	3772978.96	380.42	380.42
DISCCART	462542.31	3772969.80	380.12	380.12
DISCCART	462546.02	3772960.64	380.00	380.00
DISCCART	462549.73	3772951.48	380.00	380.00
DISCCART	462553.45	3772942.33	380.00	380.00
DISCCART	462557.16	3772933.17	379.89	379.89
DISCCART	462564.59	3772914.85	379.28	379.28
DISCCART	462568.31	3772905.70	379.00	379.00
DISCCART	462572.02	3772896.54	379.00	379.00
DISCCART	462575.73	3772887.38	379.00	379.00
DISCCART	462594.31	3772841.59	378.00	378.00
DISCCART	462661.83	3772805.71	377.65	377.65
DISCCART	462670.94	3772801.90	377.52	377.52
DISCCART	462680.06	3772798.08	377.39	377.39
DISCCART	462689.17	3772794.26	377.26	377.26
DISCCART	462716.52	3772782.81	377.00	377.00
DISCCART	462725.64	3772779.00	377.00	377.00
DISCCART	462734.75	3772775.18	377.00	377.00
DISCCART	462743.87	3772771.36	377.00	377.00
DISCCART	462752.98	3772767.55	377.00	377.00
DISCCART	462762.10	3772763.73	377.00	377.00
DISCCART	462771.21	3772759.91	377.00	377.00
DISCCART	462780.33	3772756.09	376.99	376.99
DISCCART	462798.56	3772748.46	376.74	376.74
DISCCART	462807.68	3772744.64	376.61	376.61
DISCCART	462816.79	3772740.83	376.48	376.48
DISCCART	462825.91	3772737.01	376.28	376.28
DISCCART	462835.02	3772733.19	376.11	376.11
DISCCART	462844.14	3772729.38	376.02	376.02
DISCCART	462853.25	3772725.56	375.97	375.97
DISCCART	462862.37	3772721.74	375.85	375.85
DISCCART	462889.71	3772710.29	375.47	375.47
DISCCART	462468.02	3773152.95	383.22	383.22
DISCCART	462468.11	3773162.91	383.55	383.55
DISCCART	462468.20	3773172.86	383.88	383.88
DISCCART	462468.29	3773182.82	384.00	384.00
DISCCART	462468.38	3773192.77	384.00	384.00
DISCCART	462468.47	3773202.73	384.00	384.00
DISCCART	462468.56	3773212.68	384.15	384.15
DISCCART	462468.66	3773222.64	384.38	384.38
DISCCART	462468.75	3773232.59	384.61	384.61
DISCCART	462468.84	3773242.55	384.76	384.76
DISCCART	462441.67	3773144.23	383.00	383.00
DISCCART	462445.32	3773135.23	383.00	383.00
DISCCART	462448.97	3773126.24	383.00	383.00

DISCCART	462452.62	3773117.24	383.00	383.00
DISCCART	462456.27	3773108.24	382.73	382.73
DISCCART	462459.92	3773099.25	382.43	382.43
DISCCART	462463.56	3773090.25	382.13	382.13
DISCCART	462467.21	3773081.25	382.00	382.00
DISCCART	462478.16	3773054.26	381.93	381.93
DISCCART	462481.81	3773045.26	381.63	381.63
DISCCART	462485.46	3773036.27	381.33	381.33
DISCCART	462489.11	3773027.27	381.03	381.03
DISCCART	462492.76	3773018.27	381.00	381.00
DISCCART	462496.41	3773009.27	381.00	381.00
DISCCART	462500.06	3773000.28	381.00	381.00
DISCCART	462503.71	3772991.28	380.83	380.83
DISCCART	462525.60	3772937.30	380.00	380.00
DISCCART	462536.55	3772910.31	379.51	379.51
DISCCART	462540.20	3772901.31	379.26	379.26
DISCCART	462543.85	3772892.31	379.10	379.10
DISCCART	462565.74	3772838.33	378.34	378.34
DISCCART	462569.39	3772829.33	378.15	378.15
DISCCART	462573.04	3772820.34	378.03	378.03
DISCCART	462585.64	3772807.59	377.94	377.94
DISCCART	462594.60	3772803.84	377.79	377.79
DISCCART	462630.42	3772788.84	377.08	377.08
DISCCART	462639.38	3772785.09	377.00	377.00
DISCCART	462648.33	3772781.34	377.00	377.00
DISCCART	462657.29	3772777.59	377.00	377.00
DISCCART	462666.24	3772773.84	377.00	377.00
DISCCART	462675.20	3772770.09	377.00	377.00
DISCCART	462684.15	3772766.34	377.00	377.00
DISCCART	462693.11	3772762.59	377.00	377.00
DISCCART	462719.98	3772751.34	376.83	376.83
DISCCART	462728.93	3772747.59	376.71	376.71
DISCCART	462737.89	3772743.84	376.58	376.58
DISCCART	462746.84	3772740.09	376.46	376.46
DISCCART	462755.80	3772736.34	376.33	376.33
DISCCART	462764.75	3772732.59	376.21	376.21
DISCCART	462773.71	3772728.84	376.08	376.08
DISCCART	462800.58	3772717.59	376.00	376.00
DISCCART	462809.53	3772713.84	376.00	376.00
DISCCART	462818.49	3772710.09	376.00	376.00
DISCCART	462827.44	3772706.34	375.83	375.83
DISCCART	462863.26	3772691.34	375.00	375.00
DISCCART	462872.22	3772687.59	375.00	375.00
DISCCART	462881.18	3772683.84	375.00	375.00
DISCCART	462890.13	3772680.09	375.00	375.00
DISCCART	462899.09	3772676.34	375.00	375.00
DISCCART	462908.04	3772672.59	375.00	375.00
DISCCART	462438.02	3773153.23	383.23	383.23
DISCCART	462438.11	3773163.18	383.56	383.56
DISCCART	462438.20	3773173.14	383.89	383.89
DISCCART	462438.29	3773183.09	384.00	384.00
DISCCART	462438.38	3773193.05	384.00	384.00
DISCCART	462438.48	3773203.00	384.00	384.00
DISCCART	462438.57	3773212.96	384.22	384.22
DISCCART	462438.66	3773222.91	384.55	384.55
DISCCART	462438.75	3773232.87	384.88	384.88
DISCCART	462438.84	3773242.82	385.00	385.00
DISCCART	462422.75	3773117.18	383.00	383.00
DISCCART	462426.44	3773108.09	382.73	382.73
DISCCART	462430.12	3773099.01	382.42	382.42
DISCCART	462433.80	3773089.93	382.12	382.12
DISCCART	462437.49	3773080.85	382.00	382.00
DISCCART	462448.54	3773053.61	381.91	381.91
DISCCART	462452.22	3773044.53	381.61	381.61
DISCCART	462455.91	3773035.44	381.30	381.30
DISCCART	462459.59	3773026.36	381.00	381.00

DISCCART	462463.27	3773017.28	381.00	381.00
DISCCART	462466.96	3773008.20	381.00	381.00
DISCCART	462470.64	3772999.12	381.00	381.00
DISCCART	462474.32	3772990.04	380.90	380.90
DISCCART	462478.01	3772980.96	380.69	380.69
DISCCART	462481.69	3772971.87	380.40	380.40
DISCCART	462485.37	3772962.79	380.13	380.13
DISCCART	462489.06	3772953.71	380.01	380.01
DISCCART	462492.74	3772944.63	380.00	380.00
DISCCART	462496.42	3772935.55	380.00	380.00
DISCCART	462503.79	3772917.39	380.00	380.00
DISCCART	462507.47	3772908.30	380.00	380.00
DISCCART	462511.16	3772899.22	379.76	379.76
DISCCART	462514.84	3772890.14	379.46	379.46
DISCCART	462536.94	3772835.65	378.64	378.64
DISCCART	462540.62	3772826.57	378.34	378.34
DISCCART	462544.31	3772817.49	378.04	378.04
DISCCART	462547.99	3772808.41	378.00	378.00
DISCCART	462551.67	3772799.33	378.00	378.00
DISCCART	462564.40	3772786.46	378.00	378.00
DISCCART	462573.44	3772782.68	377.88	377.88
DISCCART	462582.47	3772778.89	377.68	377.68
DISCCART	462591.51	3772775.11	377.38	377.38
DISCCART	462627.67	3772759.96	377.00	377.00
DISCCART	462636.71	3772756.18	377.00	377.00
DISCCART	462645.75	3772752.39	376.87	376.87
DISCCART	462654.79	3772748.61	376.74	376.74
DISCCART	462663.83	3772744.82	376.62	376.62
DISCCART	462672.87	3772741.04	376.49	376.49
DISCCART	462681.91	3772737.25	376.36	376.36
DISCCART	462690.95	3772733.47	376.24	376.24
DISCCART	462718.07	3772722.11	376.00	376.00
DISCCART	462727.11	3772718.33	376.00	376.00
DISCCART	462736.15	3772714.54	376.00	376.00
DISCCART	462745.19	3772710.76	376.00	376.00
DISCCART	462754.22	3772706.97	376.00	376.00
DISCCART	462799.42	3772688.05	375.72	375.72
DISCCART	462808.46	3772684.26	375.60	375.60
DISCCART	462817.50	3772680.48	375.47	375.47
DISCCART	462826.54	3772676.69	375.27	375.27
DISCCART	462835.58	3772672.91	375.10	375.10
DISCCART	462844.62	3772669.12	375.02	375.02
DISCCART	462853.66	3772665.34	374.97	374.97
DISCCART	462862.70	3772661.55	374.84	374.84
DISCCART	462871.74	3772657.77	374.71	374.71
DISCCART	462880.78	3772653.98	374.59	374.59
DISCCART	462889.82	3772650.20	374.46	374.46
DISCCART	462898.86	3772646.41	374.34	374.34
DISCCART	462907.90	3772642.63	374.21	374.21
DISCCART	462381.74	3773144.62	383.00	383.00
DISCCART	462385.45	3773135.46	383.00	383.00
DISCCART	462389.17	3773126.30	383.00	383.00
DISCCART	462392.88	3773117.15	383.00	383.00
DISCCART	462396.59	3773107.99	382.75	382.75
DISCCART	462400.31	3773098.83	382.42	382.42
DISCCART	462404.02	3773089.67	382.11	382.11
DISCCART	462407.74	3773080.51	382.00	382.00
DISCCART	462422.59	3773043.88	381.68	381.68
DISCCART	462426.31	3773034.73	381.36	381.36
DISCCART	462430.02	3773025.57	381.00	381.00
DISCCART	462433.74	3773016.41	381.00	381.00
DISCCART	462437.45	3773007.25	381.00	381.00
DISCCART	462441.17	3772998.09	381.00	381.00
DISCCART	462444.88	3772988.94	381.00	381.00
DISCCART	462448.59	3772979.78	381.00	381.00
DISCCART	462452.31	3772970.62	381.00	381.00

DISCCART	462456.02	3772961.46	380.84	380.84
DISCCART	462459.74	3772952.31	380.53	380.53
DISCCART	462463.45	3772943.15	380.20	380.20
DISCCART	462467.17	3772933.99	380.00	380.00
DISCCART	462474.60	3772915.68	380.00	380.00
DISCCART	462478.31	3772906.52	380.00	380.00
DISCCART	462482.02	3772897.36	379.70	379.70
DISCCART	462485.74	3772888.20	379.40	379.40
DISCCART	462508.02	3772833.26	378.56	378.56
DISCCART	462511.74	3772824.10	378.26	378.26
DISCCART	462515.45	3772814.94	378.00	378.00
DISCCART	462519.17	3772805.78	378.00	378.00
DISCCART	462522.88	3772796.63	378.00	378.00
DISCCART	462526.60	3772787.47	378.00	378.00
DISCCART	462530.31	3772778.31	377.73	377.73
DISCCART	462543.14	3772765.34	377.30	377.30
DISCCART	462552.26	3772761.52	377.17	377.17
DISCCART	462561.37	3772757.70	377.05	377.05
DISCCART	462570.49	3772753.88	377.00	377.00
DISCCART	462579.60	3772750.07	377.00	377.00
DISCCART	462588.72	3772746.25	377.00	377.00
DISCCART	462597.83	3772742.43	377.00	377.00
DISCCART	462634.29	3772727.17	376.20	376.20
DISCCART	462643.41	3772723.35	376.00	376.00
DISCCART	462652.53	3772719.53	376.00	376.00
DISCCART	462661.64	3772715.72	376.00	376.00
DISCCART	462670.76	3772711.90	376.00	376.00
DISCCART	462679.87	3772708.08	376.00	376.00
DISCCART	462725.45	3772689.00	375.76	375.76
DISCCART	462734.56	3772685.18	375.63	375.63
DISCCART	462743.68	3772681.36	375.50	375.50
DISCCART	462752.79	3772677.55	375.37	375.37
DISCCART	462761.91	3772673.73	375.25	375.25
DISCCART	462771.03	3772669.91	375.12	375.12
DISCCART	462780.14	3772666.10	375.00	375.00
DISCCART	462789.26	3772662.28	375.00	375.00
DISCCART	462798.37	3772658.46	374.92	374.92
DISCCART	462807.49	3772654.64	374.77	374.77
DISCCART	462816.60	3772650.83	374.54	374.54
DISCCART	462825.72	3772647.01	374.36	374.36
DISCCART	462834.83	3772643.19	374.23	374.23
DISCCART	462843.95	3772639.38	374.10	374.10
DISCCART	462853.06	3772635.56	374.00	374.00
DISCCART	462862.18	3772631.74	374.00	374.00
DISCCART	462871.30	3772627.93	374.00	374.00
DISCCART	462880.41	3772624.11	373.99	373.99
DISCCART	462889.53	3772620.29	373.82	373.82
DISCCART	462898.64	3772616.48	373.58	373.58
DISCCART	462907.76	3772612.66	373.26	373.26
DISCCART	462378.02	3773153.78	383.25	383.25
DISCCART	462378.11	3773163.73	383.58	383.58
DISCCART	462378.20	3773173.69	383.91	383.91
DISCCART	462378.30	3773183.64	384.00	384.00
DISCCART	462378.39	3773193.60	384.00	384.00
DISCCART	462378.48	3773203.55	384.00	384.00
DISCCART	462378.57	3773213.51	384.24	384.24
DISCCART	462378.66	3773223.46	384.57	384.57
DISCCART	462378.75	3773233.42	384.90	384.90
DISCCART	462378.84	3773243.37	385.00	385.00
DISCCART	462351.68	3773145.03	383.00	383.00
DISCCART	462355.34	3773136.01	383.00	383.00
DISCCART	462359.00	3773126.98	383.00	383.00
DISCCART	462362.66	3773117.96	383.00	383.00
DISCCART	462366.32	3773108.94	383.00	383.00
DISCCART	462369.98	3773099.92	382.99	382.99
DISCCART	462373.64	3773090.90	382.89	382.89

DISCCART	462377.30	3773081.87	382.63	382.63
DISCCART	462380.96	3773072.85	382.34	382.34
DISCCART	462388.28	3773054.81	382.00	382.00
DISCCART	462391.94	3773045.79	382.00	382.00
DISCCART	462395.59	3773036.76	382.00	382.00
DISCCART	462399.25	3773027.74	382.00	382.00
DISCCART	462402.91	3773018.72	381.66	381.66
DISCCART	462424.87	3772964.59	380.94	380.94
DISCCART	462428.53	3772955.57	380.64	380.64
DISCCART	462432.19	3772946.54	380.34	380.34
DISCCART	462435.85	3772937.52	380.04	380.04
DISCCART	462446.83	3772910.46	380.00	380.00
DISCCART	462450.48	3772901.43	379.84	379.84
DISCCART	462454.14	3772892.41	379.54	379.54
DISCCART	462457.80	3772883.39	379.24	379.24
DISCCART	462479.76	3772829.26	378.43	378.43
DISCCART	462483.42	3772820.23	378.13	378.13
DISCCART	462487.08	3772811.21	378.00	378.00
DISCCART	462490.74	3772802.19	378.00	378.00
DISCCART	462494.40	3772793.17	378.00	378.00
DISCCART	462498.06	3772784.15	377.98	377.98
DISCCART	462501.71	3772775.12	377.85	377.85
DISCCART	462505.37	3772766.10	377.65	377.65
DISCCART	462509.03	3772757.08	377.37	377.37
DISCCART	462521.67	3772744.30	377.00	377.00
DISCCART	462530.65	3772740.54	377.00	377.00
DISCCART	462539.63	3772736.78	377.00	377.00
DISCCART	462548.61	3772733.02	377.00	377.00
DISCCART	462557.59	3772729.26	377.00	377.00
DISCCART	462566.57	3772725.50	376.97	376.97
DISCCART	462575.56	3772721.74	376.85	376.85
DISCCART	462584.54	3772717.98	376.72	376.72
DISCCART	462593.52	3772714.21	376.60	376.60
DISCCART	462656.38	3772687.89	376.00	376.00
DISCCART	462665.36	3772684.13	376.00	376.00
DISCCART	462674.34	3772680.37	375.92	375.92
DISCCART	462683.32	3772676.61	375.70	375.70
DISCCART	462692.30	3772672.85	375.41	375.41
DISCCART	462701.28	3772669.09	375.09	375.09
DISCCART	462710.26	3772665.33	375.00	375.00
DISCCART	462719.24	3772661.57	375.00	375.00
DISCCART	462728.22	3772657.81	375.00	375.00
DISCCART	462737.20	3772654.05	375.00	375.00
DISCCART	462746.18	3772650.29	375.00	375.00
DISCCART	462755.16	3772646.53	375.00	375.00
DISCCART	462764.14	3772642.77	375.00	375.00
DISCCART	462773.12	3772639.01	375.00	375.00
DISCCART	462782.10	3772635.25	374.96	374.96
DISCCART	462791.08	3772631.49	374.80	374.80
DISCCART	462800.06	3772627.73	374.47	374.47
DISCCART	462809.05	3772623.97	374.21	374.21
DISCCART	462818.03	3772620.21	374.02	374.02
DISCCART	462827.01	3772616.45	374.00	374.00
DISCCART	462835.99	3772612.68	374.00	374.00
DISCCART	462844.97	3772608.92	374.00	374.00
DISCCART	462853.95	3772605.16	373.96	373.96
DISCCART	462862.93	3772601.40	373.84	373.84
DISCCART	462871.91	3772597.64	373.71	373.71
DISCCART	462880.89	3772593.88	373.56	373.56
DISCCART	462889.87	3772590.12	373.30	373.30
DISCCART	462898.85	3772586.36	373.12	373.12
DISCCART	462907.83	3772582.60	373.01	373.01
DISCCART	462348.02	3773154.05	383.26	383.26
DISCCART	462348.11	3773164.01	383.59	383.59
DISCCART	462348.21	3773173.96	383.92	383.92
DISCCART	462348.30	3773183.92	384.00	384.00

DISCCART	462348.39	3773193.87	384.00	384.00
DISCCART	462348.48	3773203.83	384.00	384.00
DISCCART	462348.57	3773213.78	384.25	384.25
DISCCART	462348.66	3773223.74	384.58	384.58
DISCCART	462348.75	3773233.69	384.91	384.91
DISCCART	462348.84	3773243.65	385.00	385.00
DISCCART	462325.40	3773136.14	383.31	383.31
DISCCART	462329.09	3773127.05	383.13	383.13
DISCCART	462332.78	3773117.95	383.01	383.01
DISCCART	462336.47	3773108.86	383.00	383.00
DISCCART	462340.15	3773099.77	383.00	383.00
DISCCART	462343.84	3773090.68	383.00	383.00
DISCCART	462347.53	3773081.58	382.84	382.84
DISCCART	462351.22	3773072.49	382.54	382.54
DISCCART	462358.59	3773054.30	382.00	382.00
DISCCART	462362.28	3773045.21	382.00	382.00
DISCCART	462365.97	3773036.12	382.00	382.00
DISCCART	462369.66	3773027.03	382.00	382.00
DISCCART	462373.34	3773017.93	381.72	381.72
DISCCART	462377.03	3773008.84	381.42	381.42
DISCCART	462380.72	3772999.75	381.11	381.11
DISCCART	462384.41	3772990.65	381.00	381.00
DISCCART	462388.10	3772981.56	381.00	381.00
DISCCART	462391.78	3772972.47	381.00	381.00
DISCCART	462395.47	3772963.38	380.90	380.90
DISCCART	462399.16	3772954.28	380.60	380.60
DISCCART	462402.85	3772945.19	380.30	380.30
DISCCART	462413.91	3772917.91	380.00	380.00
DISCCART	462417.60	3772908.82	380.00	380.00
DISCCART	462421.29	3772899.73	379.78	379.78
DISCCART	462424.98	3772890.63	379.48	379.48
DISCCART	462447.10	3772836.08	378.80	378.80
DISCCART	462450.79	3772826.99	378.55	378.55
DISCCART	462454.48	3772817.89	378.22	378.22
DISCCART	462458.17	3772808.80	378.04	378.04
DISCCART	462461.86	3772799.71	378.00	378.00
DISCCART	462465.54	3772790.61	378.00	378.00
DISCCART	462469.23	3772781.52	378.00	378.00
DISCCART	462472.92	3772772.43	378.00	378.00
DISCCART	462476.61	3772763.34	378.00	378.00
DISCCART	462480.30	3772754.24	377.93	377.93
DISCCART	462483.98	3772745.15	377.63	377.63
DISCCART	462487.67	3772736.06	377.32	377.32
DISCCART	462500.41	3772723.17	377.00	377.00
DISCCART	462509.46	3772719.38	377.00	377.00
DISCCART	462518.51	3772715.60	377.00	377.00
DISCCART	462527.56	3772711.81	376.87	376.87
DISCCART	462536.61	3772708.02	376.65	376.65
DISCCART	462545.67	3772704.23	376.36	376.36
DISCCART	462554.72	3772700.44	376.14	376.14
DISCCART	462563.77	3772696.65	376.01	376.01
DISCCART	462572.82	3772692.86	376.00	376.00
DISCCART	462581.87	3772689.07	376.00	376.00
DISCCART	462590.92	3772685.28	376.00	376.00
DISCCART	462627.12	3772670.12	376.00	376.00
DISCCART	462636.17	3772666.33	376.00	376.00
DISCCART	462645.22	3772662.54	375.87	375.87
DISCCART	462654.27	3772658.75	375.75	375.75
DISCCART	462663.33	3772654.96	375.62	375.62
DISCCART	462672.38	3772651.17	375.45	375.45
DISCCART	462681.43	3772647.38	375.22	375.22
DISCCART	462690.48	3772643.59	375.07	375.07
DISCCART	462699.53	3772639.80	375.00	375.00
DISCCART	462708.58	3772636.01	375.00	375.00
DISCCART	462717.63	3772632.22	374.92	374.92
DISCCART	462726.68	3772628.43	374.76	374.76

DISCCART	462735.73	3772624.64	374.61	374.61
DISCCART	462744.78	3772620.85	374.48	374.48
DISCCART	462753.83	3772617.06	374.36	374.36
DISCCART	462762.88	3772613.27	374.23	374.23
DISCCART	462771.93	3772609.48	374.10	374.10
DISCCART	462780.99	3772605.69	374.00	374.00
DISCCART	462790.04	3772601.90	374.00	374.00
DISCCART	462799.09	3772598.11	374.00	374.00
DISCCART	462808.14	3772594.32	374.00	374.00
DISCCART	462817.19	3772590.53	374.00	374.00
DISCCART	462826.24	3772586.74	373.86	373.86
DISCCART	462835.29	3772582.95	373.59	373.59
DISCCART	462844.34	3772579.16	373.25	373.25
DISCCART	462853.39	3772575.37	373.00	373.00
DISCCART	462862.44	3772571.58	373.00	373.00
DISCCART	462871.49	3772567.79	373.00	373.00
DISCCART	462880.54	3772564.00	372.99	372.99
DISCCART	462889.59	3772560.21	372.82	372.82
DISCCART	462898.65	3772556.42	372.58	372.58
DISCCART	462907.70	3772552.63	372.26	372.26
DISCCART	462281.72	3773145.57	383.97	383.97
DISCCART	462285.42	3773136.46	383.67	383.67
DISCCART	462289.12	3773127.34	383.37	383.37
DISCCART	462292.82	3773118.22	383.06	383.06
DISCCART	462296.52	3773109.11	383.00	383.00
DISCCART	462300.21	3773099.99	383.00	383.00
DISCCART	462303.91	3773090.87	383.00	383.00
DISCCART	462322.40	3773045.29	382.00	382.00
DISCCART	462326.10	3773036.17	382.00	382.00
DISCCART	462329.80	3773027.05	382.00	382.00
DISCCART	462333.49	3773017.93	381.72	381.72
DISCCART	462337.19	3773008.82	381.42	381.42
DISCCART	462340.89	3772999.70	381.11	381.11
DISCCART	462344.59	3772990.58	381.00	381.00
DISCCART	462348.29	3772981.47	381.00	381.00
DISCCART	462351.98	3772972.35	381.00	381.00
DISCCART	462355.68	3772963.23	380.90	380.90
DISCCART	462359.38	3772954.12	380.59	380.59
DISCCART	462363.08	3772945.00	380.29	380.29
DISCCART	462366.77	3772935.88	380.00	380.00
DISCCART	462374.17	3772917.65	380.00	380.00
DISCCART	462377.87	3772908.53	380.00	380.00
DISCCART	462381.57	3772899.41	379.77	379.77
DISCCART	462385.26	3772890.30	379.47	379.47
DISCCART	462388.96	3772881.18	379.16	379.16
DISCCART	462411.15	3772826.48	379.00	379.00
DISCCART	462414.85	3772817.36	379.00	379.00
DISCCART	462418.54	3772808.24	378.73	378.73
DISCCART	462422.24	3772799.13	378.43	378.43
DISCCART	462425.94	3772790.01	378.12	378.12
DISCCART	462429.64	3772780.89	378.00	378.00
DISCCART	462433.34	3772771.78	378.00	378.00
DISCCART	462437.03	3772762.66	378.00	378.00
DISCCART	462440.73	3772753.54	377.91	377.91
DISCCART	462444.43	3772744.42	377.60	377.60
DISCCART	462448.13	3772735.31	377.30	377.30
DISCCART	462451.82	3772726.19	377.00	377.00
DISCCART	462455.52	3772717.07	377.00	377.00
DISCCART	462459.22	3772707.96	377.00	377.00
DISCCART	462471.99	3772695.04	376.96	376.96
DISCCART	462481.07	3772691.24	376.83	376.83
DISCCART	462490.14	3772687.44	376.70	376.70
DISCCART	462499.22	3772683.64	376.58	376.58
DISCCART	462508.29	3772679.84	376.45	376.45
DISCCART	462517.37	3772676.04	376.32	376.32
DISCCART	462526.44	3772672.24	376.15	376.15

DISCCART	462535.52	3772668.44	376.03	376.03
DISCCART	462544.59	3772664.64	375.95	375.95
DISCCART	462553.67	3772660.84	375.82	375.82
DISCCART	462562.74	3772657.04	375.69	375.69
DISCCART	462571.82	3772653.24	375.56	375.56
DISCCART	462580.89	3772649.44	375.44	375.44
DISCCART	462589.97	3772645.64	375.31	375.31
DISCCART	462599.04	3772641.84	375.18	375.18
DISCCART	462626.27	3772630.44	375.00	375.00
DISCCART	462635.34	3772626.64	375.00	375.00
DISCCART	462644.42	3772622.84	375.00	375.00
DISCCART	462653.49	3772619.04	375.00	375.00
DISCCART	462662.57	3772615.24	375.00	375.00
DISCCART	462671.64	3772611.44	375.00	375.00
DISCCART	462680.72	3772607.64	375.00	375.00
DISCCART	462689.79	3772603.84	374.92	374.92
DISCCART	462698.87	3772600.04	374.79	374.79
DISCCART	462707.94	3772596.24	374.48	374.48
DISCCART	462717.02	3772592.44	374.23	374.23
DISCCART	462726.09	3772588.64	374.05	374.05
DISCCART	462735.17	3772584.84	374.00	374.00
DISCCART	462744.24	3772581.04	374.00	374.00
DISCCART	462753.32	3772577.24	374.00	374.00
DISCCART	462762.39	3772573.44	373.90	373.90
DISCCART	462771.46	3772569.64	373.78	373.78
DISCCART	462780.54	3772565.84	373.65	373.65
DISCCART	462789.61	3772562.04	373.52	373.52
DISCCART	462798.69	3772558.24	373.40	373.40
DISCCART	462807.76	3772554.44	373.27	373.27
DISCCART	462816.84	3772550.64	373.14	373.14
DISCCART	462825.91	3772546.84	373.01	373.01
DISCCART	462834.99	3772543.04	373.00	373.00
DISCCART	462844.06	3772539.24	373.00	373.00
DISCCART	462853.14	3772535.44	372.96	372.96
DISCCART	462862.21	3772531.64	372.79	372.79
DISCCART	462871.29	3772527.84	372.56	372.56
DISCCART	462880.36	3772524.04	372.25	372.25
DISCCART	462889.44	3772520.24	372.09	372.09
DISCCART	462898.51	3772516.44	372.00	372.00
DISCCART	462907.59	3772512.64	372.00	372.00
DISCCART	462278.03	3773154.69	384.00	384.00
DISCCART	462278.12	3773164.65	384.00	384.00
DISCCART	462278.21	3773174.60	384.00	384.00
DISCCART	462278.30	3773184.56	384.27	384.27
DISCCART	462278.39	3773194.51	384.61	384.61
DISCCART	462278.48	3773204.47	384.94	384.94
DISCCART	462278.57	3773214.42	385.00	385.00
DISCCART	462278.66	3773224.38	385.00	385.00
DISCCART	462278.75	3773234.33	385.00	385.00
DISCCART	462278.85	3773244.29	385.27	385.27
DISCCART	462241.73	3773145.92	383.99	383.99
DISCCART	462245.44	3773136.78	383.68	383.68
DISCCART	462249.15	3773127.64	383.38	383.38
DISCCART	462252.85	3773118.50	383.07	383.07
DISCCART	462256.56	3773109.36	383.00	383.00
DISCCART	462260.27	3773100.22	383.00	383.00
DISCCART	462263.97	3773091.09	383.00	383.00
DISCCART	462267.68	3773081.95	382.85	382.85
DISCCART	462271.39	3773072.81	382.55	382.55
DISCCART	462275.09	3773063.67	382.24	382.24
DISCCART	462278.80	3773054.53	382.00	382.00
DISCCART	462282.51	3773045.39	382.00	382.00
DISCCART	462286.21	3773036.26	382.00	382.00
DISCCART	462289.92	3773027.12	382.00	382.00
DISCCART	462293.63	3773017.98	381.72	381.72
DISCCART	462297.33	3773008.84	381.42	381.42

DISCCART	462301.04	3772999.70	381.11	381.11
DISCCART	462304.75	3772990.56	381.00	381.00
DISCCART	462323.28	3772944.87	380.28	380.28
DISCCART	462326.99	3772935.73	380.00	380.00
DISCCART	462334.40	3772917.45	380.00	380.00
DISCCART	462338.11	3772908.32	380.00	380.00
DISCCART	462341.81	3772899.18	379.98	379.98
DISCCART	462345.52	3772890.04	379.89	379.89
DISCCART	462349.22	3772880.90	379.73	379.73
DISCCART	462371.46	3772826.07	379.00	379.00
DISCCART	462375.17	3772816.93	379.00	379.00
DISCCART	462378.88	3772807.79	378.72	378.72
DISCCART	462382.58	3772798.65	378.41	378.41
DISCCART	462386.29	3772789.52	378.11	378.11
DISCCART	462390.00	3772780.38	378.00	378.00
DISCCART	462393.70	3772771.24	378.00	378.00
DISCCART	462397.41	3772762.10	378.00	378.00
DISCCART	462401.12	3772752.96	377.89	377.89
DISCCART	462404.82	3772743.82	377.58	377.58
DISCCART	462408.53	3772734.68	377.28	377.28
DISCCART	462412.24	3772725.55	377.00	377.00
DISCCART	462415.94	3772716.41	377.00	377.00
DISCCART	462419.65	3772707.27	377.00	377.00
DISCCART	462423.36	3772698.13	377.00	377.00
DISCCART	462427.06	3772688.99	376.76	376.76
DISCCART	462430.77	3772679.85	376.45	376.45
DISCCART	462443.57	3772666.91	376.02	376.02
DISCCART	462452.67	3772663.10	376.00	376.00
DISCCART	462461.76	3772659.29	376.00	376.00
DISCCART	462470.86	3772655.48	376.00	376.00
DISCCART	462479.96	3772651.67	376.00	376.00
DISCCART	462489.05	3772647.86	376.00	376.00
DISCCART	462498.15	3772644.05	376.00	376.00
DISCCART	462507.25	3772640.24	376.00	376.00
DISCCART	462516.34	3772636.43	376.00	376.00
DISCCART	462525.44	3772632.63	375.71	375.71
DISCCART	462534.53	3772628.82	375.38	375.38
DISCCART	462543.63	3772625.01	375.12	375.12
DISCCART	462552.73	3772621.20	375.00	375.00
DISCCART	462561.82	3772617.39	375.00	375.00
DISCCART	462570.92	3772613.58	375.00	375.00
DISCCART	462580.02	3772609.77	375.00	375.00
DISCCART	462589.11	3772605.96	374.99	374.99
DISCCART	462598.21	3772602.15	374.86	374.86
DISCCART	462625.50	3772590.73	374.48	374.48
DISCCART	462634.59	3772586.92	374.35	374.35
DISCCART	462643.69	3772583.11	374.23	374.23
DISCCART	462652.79	3772579.30	374.10	374.10
DISCCART	462661.88	3772575.49	374.00	374.00
DISCCART	462670.98	3772571.68	374.00	374.00
DISCCART	462680.08	3772567.87	374.00	374.00
DISCCART	462689.17	3772564.06	374.00	374.00
DISCCART	462698.27	3772560.26	374.00	374.00
DISCCART	462707.36	3772556.45	374.00	374.00
DISCCART	462716.46	3772552.64	374.00	374.00
DISCCART	462725.56	3772548.83	374.00	374.00
DISCCART	462734.65	3772545.02	373.80	373.80
DISCCART	462743.75	3772541.21	373.44	373.44
DISCCART	462752.85	3772537.40	373.16	373.16
DISCCART	462761.94	3772533.59	373.00	373.00
DISCCART	462771.04	3772529.78	373.00	373.00
DISCCART	462780.14	3772525.98	373.00	373.00
DISCCART	462789.23	3772522.17	373.00	373.00
DISCCART	462798.33	3772518.36	373.00	373.00
DISCCART	462807.42	3772514.55	373.00	373.00
DISCCART	462816.52	3772510.74	373.00	373.00

DISCCART	462825.62	3772506.93	372.94	372.94
DISCCART	462834.71	3772503.12	372.78	372.78
DISCCART	462843.81	3772499.31	372.54	372.54
DISCCART	462852.91	3772495.50	372.27	372.27
DISCCART	462862.00	3772491.70	372.11	372.11
DISCCART	462871.10	3772487.89	372.01	372.01
DISCCART	462880.19	3772484.08	372.00	372.00
DISCCART	462889.29	3772480.27	371.94	371.94
DISCCART	462898.39	3772476.46	371.79	371.79
DISCCART	462238.03	3773155.06	384.00	384.00
DISCCART	462238.12	3773165.01	384.00	384.00
DISCCART	462238.21	3773174.97	384.00	384.00
DISCCART	462238.30	3773184.92	384.29	384.29
DISCCART	462238.39	3773194.88	384.62	384.62
DISCCART	462238.48	3773204.83	384.95	384.95
DISCCART	462238.57	3773214.79	385.00	385.00
DISCCART	462238.67	3773224.74	385.00	385.00
DISCCART	462238.76	3773234.70	385.00	385.00
DISCCART	462238.85	3773244.65	385.28	385.28
DISCCART	462201.74	3773146.26	384.00	384.00
DISCCART	462224.03	3773091.32	383.00	383.00
DISCCART	462227.74	3773082.16	382.96	382.96
DISCCART	462231.46	3773073.00	382.82	382.82
DISCCART	462235.17	3773063.84	382.61	382.61
DISCCART	462238.89	3773054.69	382.34	382.34
DISCCART	462242.60	3773045.53	382.15	382.15
DISCCART	462246.32	3773036.37	382.04	382.04
DISCCART	462250.03	3773027.21	382.00	382.00
DISCCART	462253.75	3773018.06	381.96	381.96
DISCCART	462257.46	3773008.90	381.85	381.85
DISCCART	462261.17	3772999.74	381.66	381.66
DISCCART	462264.89	3772990.58	381.40	381.40
DISCCART	462268.60	3772981.42	381.19	381.19
DISCCART	462272.32	3772972.27	381.05	381.05
DISCCART	462276.03	3772963.11	381.00	381.00
DISCCART	462279.75	3772953.95	381.00	381.00
DISCCART	462283.46	3772944.79	380.91	380.91
DISCCART	462287.17	3772935.64	380.73	380.73
DISCCART	462294.60	3772917.32	380.18	380.18
DISCCART	462298.32	3772908.16	380.02	380.02
DISCCART	462302.03	3772899.01	380.00	380.00
DISCCART	462305.75	3772889.85	380.00	380.00
DISCCART	462309.46	3772880.69	380.00	380.00
DISCCART	462331.75	3772825.74	379.00	379.00
DISCCART	462335.46	3772816.59	379.00	379.00
DISCCART	462339.17	3772807.43	378.70	378.70
DISCCART	462342.89	3772798.27	378.40	378.40
DISCCART	462346.60	3772789.11	378.09	378.09
DISCCART	462350.32	3772779.96	378.00	378.00
DISCCART	462354.03	3772770.80	378.00	378.00
DISCCART	462357.75	3772761.64	378.00	378.00
DISCCART	462361.46	3772752.48	377.87	377.87
DISCCART	462365.18	3772743.32	377.57	377.57
DISCCART	462368.89	3772734.17	377.26	377.26
DISCCART	462372.60	3772725.01	377.00	377.00
DISCCART	462376.32	3772715.85	377.00	377.00
DISCCART	462380.03	3772706.69	377.00	377.00
DISCCART	462383.75	3772697.54	377.00	377.00
DISCCART	462387.46	3772688.38	376.73	376.73
DISCCART	462391.18	3772679.22	376.43	376.43
DISCCART	462394.89	3772670.06	376.12	376.12
DISCCART	462398.60	3772660.90	376.00	376.00
DISCCART	462402.32	3772651.75	376.00	376.00
DISCCART	462415.15	3772638.77	376.00	376.00
DISCCART	462424.26	3772634.96	375.95	375.95
DISCCART	462433.38	3772631.14	375.83	375.83

DISCCART	462478.96	3772612.05	375.19	375.19
DISCCART	462488.07	3772608.24	375.06	375.06
DISCCART	462497.19	3772604.42	375.00	375.00
DISCCART	462506.30	3772600.60	375.00	375.00
DISCCART	462515.42	3772596.79	375.00	375.00
DISCCART	462524.53	3772592.97	375.00	375.00
DISCCART	462533.65	3772589.15	375.00	375.00
DISCCART	462542.76	3772585.34	375.00	375.00
DISCCART	462551.88	3772581.52	374.94	374.94
DISCCART	462560.99	3772577.70	374.64	374.64
DISCCART	462570.11	3772573.88	374.29	374.29
DISCCART	462579.23	3772570.07	374.01	374.01
DISCCART	462588.34	3772566.25	374.00	374.00
DISCCART	462597.46	3772562.43	374.00	374.00
DISCCART	462633.92	3772547.17	374.00	374.00
DISCCART	462643.03	3772543.35	373.90	373.90
DISCCART	462652.15	3772539.53	373.77	373.77
DISCCART	462661.26	3772535.72	373.65	373.65
DISCCART	462670.38	3772531.90	373.52	373.52
DISCCART	462679.50	3772528.08	373.39	373.39
DISCCART	462688.61	3772524.26	373.26	373.26
DISCCART	462697.73	3772520.45	373.14	373.14
DISCCART	462706.84	3772516.63	373.01	373.01
DISCCART	462715.96	3772512.81	373.00	373.00
DISCCART	462725.07	3772509.00	373.00	373.00
DISCCART	462734.19	3772505.18	373.00	373.00
DISCCART	462743.30	3772501.36	373.00	373.00
DISCCART	462752.42	3772497.55	373.00	373.00
DISCCART	462761.53	3772493.73	373.00	373.00
DISCCART	462770.65	3772489.91	373.00	373.00
DISCCART	462779.77	3772486.10	372.99	372.99
DISCCART	462788.88	3772482.28	372.86	372.86
DISCCART	462798.00	3772478.46	372.74	372.74
DISCCART	462807.11	3772474.64	372.61	372.61
DISCCART	462880.03	3772444.11	371.58	371.58
DISCCART	462889.15	3772440.29	371.32	371.32
DISCCART	462898.27	3772436.48	371.13	371.13
DISCCART	462907.38	3772432.66	371.02	371.02
DISCCART	462198.03	3773155.42	384.22	384.22
DISCCART	462198.12	3773165.38	384.46	384.46
DISCCART	462198.21	3773175.33	384.69	384.69
DISCCART	462198.30	3773185.29	384.80	384.80
DISCCART	462198.39	3773195.24	384.89	384.89
DISCCART	462198.49	3773205.20	384.99	384.99
DISCCART	462161.75	3773146.61	384.01	384.01
DISCCART	462165.47	3773137.44	384.00	384.00
DISCCART	462169.20	3773128.26	384.00	384.00
DISCCART	462180.36	3773100.74	383.48	383.48
DISCCART	462184.08	3773091.56	383.17	383.17
DISCCART	462187.80	3773082.39	383.00	383.00
DISCCART	462191.52	3773073.21	383.00	383.00
DISCCART	462195.25	3773064.04	383.00	383.00
DISCCART	462198.97	3773054.86	382.95	382.95
DISCCART	462221.29	3772999.81	382.00	382.00
DISCCART	462225.02	3772990.64	381.81	381.81
DISCCART	462228.74	3772981.46	381.50	381.50
DISCCART	462232.46	3772972.29	381.20	381.20
DISCCART	462236.18	3772963.11	381.00	381.00
DISCCART	462239.90	3772953.94	381.00	381.00
DISCCART	462243.62	3772944.76	381.00	381.00
DISCCART	462247.34	3772935.59	380.98	380.98
DISCCART	462254.79	3772917.24	380.36	380.36
DISCCART	462258.51	3772908.06	380.06	380.06
DISCCART	462262.23	3772898.89	380.00	380.00
DISCCART	462265.95	3772889.71	380.00	380.00
DISCCART	462269.67	3772880.54	380.00	380.00

DISCCART	462292.00	3772825.49	379.00	379.00
DISCCART	462295.72	3772816.31	379.00	379.00
DISCCART	462299.44	3772807.14	378.69	378.69
DISCCART	462303.16	3772797.96	378.39	378.39
DISCCART	462306.88	3772788.79	378.08	378.08
DISCCART	462310.61	3772779.61	378.00	378.00
DISCCART	462314.33	3772770.44	378.00	378.00
DISCCART	462318.05	3772761.26	378.00	378.00
DISCCART	462321.77	3772752.09	377.86	377.86
DISCCART	462325.49	3772742.91	377.55	377.55
DISCCART	462329.21	3772733.74	377.25	377.25
DISCCART	462332.93	3772724.56	377.00	377.00
DISCCART	462336.66	3772715.39	377.00	377.00
DISCCART	462340.38	3772706.21	377.00	377.00
DISCCART	462344.10	3772697.04	377.00	377.00
DISCCART	462347.82	3772687.86	376.72	376.72
DISCCART	462351.54	3772678.69	376.41	376.41
DISCCART	462355.26	3772669.51	376.11	376.11
DISCCART	462358.98	3772660.34	376.00	376.00
DISCCART	462362.70	3772651.16	376.00	376.00
DISCCART	462366.43	3772641.99	376.00	376.00
DISCCART	462370.15	3772632.81	375.88	375.88
DISCCART	462373.87	3772623.64	375.58	375.58
DISCCART	462404.99	3772602.99	375.00	375.00
DISCCART	462414.12	3772599.17	375.00	375.00
DISCCART	462423.25	3772595.34	375.00	375.00
DISCCART	462432.39	3772591.52	375.00	375.00
DISCCART	462441.52	3772587.70	375.00	375.00
DISCCART	462450.65	3772583.87	375.00	375.00
DISCCART	462478.05	3772572.40	374.87	374.87
DISCCART	462487.18	3772568.58	374.74	374.74
DISCCART	462496.31	3772564.75	374.61	374.61
DISCCART	462505.45	3772560.93	374.49	374.49
DISCCART	462514.58	3772557.10	374.36	374.36
DISCCART	462523.71	3772553.28	374.23	374.23
DISCCART	462532.84	3772549.45	374.10	374.10
DISCCART	462541.98	3772545.63	374.00	374.00
DISCCART	462551.11	3772541.81	374.00	374.00
DISCCART	462560.24	3772537.98	374.00	374.00
DISCCART	462569.37	3772534.16	374.00	374.00
DISCCART	462578.51	3772530.33	374.00	374.00
DISCCART	462587.64	3772526.51	373.82	373.82
DISCCART	462596.77	3772522.69	373.55	373.55
DISCCART	462605.90	3772518.86	373.20	373.20
DISCCART	462633.30	3772507.39	373.00	373.00
DISCCART	462642.44	3772503.57	373.00	373.00
DISCCART	462651.57	3772499.74	373.00	373.00
DISCCART	462660.70	3772495.92	373.00	373.00
DISCCART	462669.83	3772492.09	373.00	373.00
DISCCART	462678.97	3772488.27	373.00	373.00
DISCCART	462688.10	3772484.44	372.94	372.94
DISCCART	462697.23	3772480.62	372.81	372.81
DISCCART	462706.36	3772476.80	372.68	372.68
DISCCART	462715.50	3772472.97	372.55	372.55
DISCCART	462724.63	3772469.15	372.43	372.43
DISCCART	462788.56	3772442.38	372.00	372.00
DISCCART	462797.69	3772438.56	372.00	372.00
DISCCART	462806.82	3772434.73	372.00	372.00
DISCCART	462815.95	3772430.91	372.00	372.00
DISCCART	462825.09	3772427.08	372.00	372.00
DISCCART	462834.22	3772423.26	371.90	371.90
DISCCART	462843.35	3772419.43	371.77	371.77
DISCCART	462852.48	3772415.61	371.58	371.58
DISCCART	462861.62	3772411.79	371.31	371.31
DISCCART	462870.75	3772407.96	371.11	371.11
DISCCART	462879.88	3772404.14	371.00	371.00

DISCCART	462889.02	3772400.31	371.00	371.00
DISCCART	462898.15	3772396.49	371.00	371.00
DISCCART	462907.28	3772392.67	370.88	370.88
DISCCART	462158.03	3773155.79	384.32	384.32
DISCCART	462158.12	3773165.74	384.65	384.65
DISCCART	462158.21	3773175.70	384.98	384.98
DISCCART	462158.30	3773185.65	385.00	385.00
DISCCART	462158.40	3773195.61	385.00	385.00
DISCCART	462158.49	3773205.56	385.00	385.00
DISCCART	462158.58	3773215.52	385.31	385.31
DISCCART	462121.76	3773146.96	384.02	384.02
DISCCART	462125.49	3773137.77	384.00	384.00
DISCCART	462129.22	3773128.58	384.00	384.00
DISCCART	462140.40	3773101.01	383.49	383.49
DISCCART	462144.13	3773091.82	383.18	383.18
DISCCART	462147.85	3773082.63	383.00	383.00
DISCCART	462151.58	3773073.44	383.00	383.00
DISCCART	462155.31	3773064.25	383.00	383.00
DISCCART	462159.04	3773055.06	382.96	382.96
DISCCART	462162.77	3773045.87	382.65	382.65
DISCCART	462166.49	3773036.68	382.34	382.34
DISCCART	462170.22	3773027.49	382.04	382.04
DISCCART	462173.95	3773018.29	382.00	382.00
DISCCART	462177.68	3773009.10	382.00	382.00
DISCCART	462181.40	3772999.91	382.00	382.00
DISCCART	462185.13	3772990.72	381.81	381.81
DISCCART	462188.86	3772981.53	381.51	381.51
DISCCART	462192.59	3772972.34	381.20	381.20
DISCCART	462196.31	3772963.15	381.00	381.00
DISCCART	462200.04	3772953.96	381.00	381.00
DISCCART	462226.14	3772889.63	380.00	380.00
DISCCART	462229.86	3772880.44	380.00	380.00
DISCCART	462252.23	3772825.29	379.00	379.00
DISCCART	462255.96	3772816.10	378.99	378.99
DISCCART	462259.68	3772806.91	378.69	378.69
DISCCART	462263.41	3772797.72	378.38	378.38
DISCCART	462267.14	3772788.53	378.07	378.07
DISCCART	462270.87	3772779.34	378.00	378.00
DISCCART	462274.59	3772770.15	378.00	378.00
DISCCART	462278.32	3772760.96	378.00	378.00
DISCCART	462282.05	3772751.77	377.85	377.85
DISCCART	462285.78	3772742.58	377.54	377.54
DISCCART	462289.51	3772733.39	377.24	377.24
DISCCART	462293.23	3772724.20	377.00	377.00
DISCCART	462296.96	3772715.01	377.00	377.00
DISCCART	462300.69	3772705.82	377.00	377.00
DISCCART	462304.42	3772696.63	377.00	377.00
DISCCART	462308.14	3772687.44	376.72	376.72
DISCCART	462311.87	3772678.24	376.40	376.40
DISCCART	462315.60	3772669.05	376.09	376.09
DISCCART	462319.33	3772659.86	376.00	376.00
DISCCART	462323.05	3772650.67	376.00	376.00
DISCCART	462326.78	3772641.48	376.00	376.00
DISCCART	462330.51	3772632.29	376.00	376.00
DISCCART	462334.24	3772623.10	376.00	376.00
DISCCART	462345.42	3772595.53	375.52	375.52
DISCCART	462358.30	3772582.51	375.08	375.08
DISCCART	462367.44	3772578.68	375.01	375.01
DISCCART	462376.59	3772574.85	374.99	374.99
DISCCART	462385.74	3772571.02	374.90	374.90
DISCCART	462394.89	3772567.19	374.74	374.74
DISCCART	462404.04	3772563.36	374.57	374.57
DISCCART	462413.18	3772559.53	374.44	374.44
DISCCART	462422.33	3772555.69	374.31	374.31
DISCCART	462431.48	3772551.86	374.18	374.18
DISCCART	462440.63	3772548.03	374.06	374.06

DISCCART	462449.78	3772544.20	374.00	374.00
DISCCART	462477.22	3772532.71	374.00	374.00
DISCCART	462486.37	3772528.88	374.00	374.00
DISCCART	462495.52	3772525.05	374.00	374.00
DISCCART	462504.67	3772521.22	374.00	374.00
DISCCART	462513.81	3772517.39	374.00	374.00
DISCCART	462522.96	3772513.56	373.91	373.91
DISCCART	462532.11	3772509.73	373.78	373.78
DISCCART	462541.26	3772505.90	373.65	373.65
DISCCART	462550.41	3772502.07	373.52	373.52
DISCCART	462559.55	3772498.24	373.40	373.40
DISCCART	462568.70	3772494.40	373.27	373.27
DISCCART	462577.85	3772490.57	373.14	373.14
DISCCART	462587.00	3772486.74	373.01	373.01
DISCCART	462596.15	3772482.91	373.00	373.00
DISCCART	462605.29	3772479.08	373.00	373.00
DISCCART	462632.74	3772467.59	372.52	372.52
DISCCART	462696.78	3772440.78	372.00	372.00
DISCCART	462705.92	3772436.95	372.00	372.00
DISCCART	462715.07	3772433.12	372.00	372.00
DISCCART	462724.22	3772429.28	372.00	372.00
DISCCART	462733.37	3772425.45	371.97	371.97
DISCCART	462742.52	3772421.62	371.84	371.84
DISCCART	462751.66	3772417.79	371.72	371.72
DISCCART	462760.81	3772413.96	371.59	371.59
DISCCART	462769.96	3772410.13	371.46	371.46
DISCCART	462779.11	3772406.30	371.33	371.33
DISCCART	462788.26	3772402.47	371.20	371.20
DISCCART	462797.40	3772398.64	371.08	371.08
DISCCART	462806.55	3772394.81	371.00	371.00
DISCCART	462815.70	3772390.98	371.00	371.00
DISCCART	462824.85	3772387.15	371.00	371.00
DISCCART	462834.00	3772383.32	371.00	371.00
DISCCART	462843.14	3772379.49	371.00	371.00
DISCCART	462852.29	3772375.66	370.94	370.94
DISCCART	462861.44	3772371.83	370.68	370.68
DISCCART	462870.59	3772367.99	370.34	370.34
DISCCART	462879.74	3772364.16	370.00	370.00
DISCCART	462888.89	3772360.33	370.00	370.00
DISCCART	462898.03	3772356.50	370.00	370.00
DISCCART	462907.18	3772352.67	370.00	370.00
DISCCART	462118.03	3773156.15	384.33	384.33
DISCCART	462118.12	3773166.11	384.66	384.66
DISCCART	462118.22	3773176.06	384.99	384.99
DISCCART	462118.31	3773186.02	385.00	385.00
DISCCART	462118.40	3773195.97	385.00	385.00
DISCCART	462118.49	3773205.93	385.00	385.00
DISCCART	462118.58	3773215.88	385.32	385.32
DISCCART	462118.67	3773225.84	385.65	385.65
DISCCART	462118.76	3773235.79	385.98	385.98
DISCCART	462118.85	3773245.75	386.00	386.00
DISCCART	462081.77	3773147.31	384.03	384.03
DISCCART	462085.50	3773138.11	384.00	384.00
DISCCART	462089.24	3773128.90	384.00	384.00
DISCCART	462100.44	3773101.29	383.50	383.50
DISCCART	462104.17	3773092.09	383.19	383.19
DISCCART	462107.90	3773082.88	383.00	383.00
DISCCART	462111.64	3773073.68	383.00	383.00
DISCCART	462115.37	3773064.47	383.00	383.00
DISCCART	462119.10	3773055.27	382.96	382.96
DISCCART	462122.84	3773046.06	382.66	382.66
DISCCART	462126.57	3773036.86	382.35	382.35
DISCCART	462130.30	3773027.65	382.04	382.04
DISCCART	462137.77	3773009.24	382.00	382.00
DISCCART	462141.50	3773000.04	382.00	382.00
DISCCART	462145.24	3772990.83	381.82	381.82

DISCCART	462148.97	3772981.63	381.51	381.51
DISCCART	462152.70	3772972.42	381.20	381.20
DISCCART	462156.44	3772963.22	381.00	381.00
DISCCART	462160.17	3772954.02	381.00	381.00
DISCCART	462163.90	3772944.81	381.00	381.00
DISCCART	462167.64	3772935.61	380.98	380.98
DISCCART	462178.84	3772907.99	380.06	380.06
DISCCART	462182.57	3772898.79	380.00	380.00
DISCCART	462186.30	3772889.58	380.00	380.00
DISCCART	462190.04	3772880.38	380.00	380.00
DISCCART	462246.04	3772742.31	377.59	377.59
DISCCART	462249.77	3772733.10	377.23	377.23
DISCCART	462253.50	3772723.90	377.00	377.00
DISCCART	462257.24	3772714.69	377.00	377.00
DISCCART	462260.97	3772705.49	377.00	377.00
DISCCART	462264.70	3772696.28	377.00	377.00
DISCCART	462268.44	3772687.08	377.00	377.00
DISCCART	462272.17	3772677.88	377.00	377.00
DISCCART	462275.90	3772668.67	377.00	377.00
DISCCART	462279.64	3772659.47	376.77	376.77
DISCCART	462283.37	3772650.26	376.41	376.41
DISCCART	462287.10	3772641.06	376.12	376.12
DISCCART	462290.84	3772631.85	376.00	376.00
DISCCART	462294.57	3772622.65	376.00	376.00
DISCCART	462305.77	3772595.03	375.62	375.62
DISCCART	462309.50	3772585.83	375.32	375.32
DISCCART	462313.24	3772576.62	375.01	375.01
DISCCART	462316.97	3772567.42	375.00	375.00
DISCCART	462329.87	3772554.38	375.00	375.00
DISCCART	462339.03	3772550.54	375.00	375.00
DISCCART	462348.19	3772546.70	375.00	375.00
DISCCART	462357.35	3772542.87	374.88	374.88
DISCCART	462366.52	3772539.03	374.76	374.76
DISCCART	462375.68	3772535.20	374.50	374.50
DISCCART	462384.84	3772531.36	374.25	374.25
DISCCART	462394.00	3772527.52	374.07	374.07
DISCCART	462403.16	3772523.69	374.00	374.00
DISCCART	462412.33	3772519.85	374.00	374.00
DISCCART	462421.49	3772516.01	374.00	374.00
DISCCART	462430.65	3772512.18	374.00	374.00
DISCCART	462439.81	3772508.34	374.00	374.00
DISCCART	462448.98	3772504.50	374.00	374.00
DISCCART	462476.46	3772492.99	373.56	373.56
DISCCART	462485.62	3772489.16	373.22	373.22
DISCCART	462494.79	3772485.32	373.00	373.00
DISCCART	462503.95	3772481.48	373.00	373.00
DISCCART	462513.11	3772477.65	373.00	373.00
DISCCART	462522.27	3772473.81	373.00	373.00
DISCCART	462595.57	3772443.12	372.56	372.56
DISCCART	462604.73	3772439.28	372.43	372.43
DISCCART	462632.22	3772427.77	372.01	372.01
DISCCART	462641.38	3772423.94	372.00	372.00
DISCCART	462650.54	3772420.10	371.92	371.92
DISCCART	462659.71	3772416.26	371.78	371.78
DISCCART	462668.87	3772412.43	371.55	371.55
DISCCART	462678.03	3772408.59	371.41	371.41
DISCCART	462687.19	3772404.75	371.28	371.28
DISCCART	462696.35	3772400.92	371.15	371.15
DISCCART	462705.52	3772397.08	371.02	371.02
DISCCART	462714.68	3772393.24	371.00	371.00
DISCCART	462723.84	3772389.41	371.00	371.00
DISCCART	462733.00	3772385.57	371.00	371.00
DISCCART	462742.16	3772381.74	371.00	371.00
DISCCART	462751.33	3772377.90	371.00	371.00
DISCCART	462760.49	3772374.06	371.00	371.00
DISCCART	462769.65	3772370.23	371.00	371.00

DISCCART	462778.81	3772366.39	371.00	371.00
DISCCART	462787.98	3772362.55	370.87	370.87
DISCCART	462797.14	3772358.72	370.75	370.75
DISCCART	462806.30	3772354.88	370.62	370.62
DISCCART	462815.46	3772351.04	370.49	370.49
DISCCART	462824.62	3772347.21	370.36	370.36
DISCCART	462833.79	3772343.37	370.23	370.23
DISCCART	462842.95	3772339.53	370.11	370.11
DISCCART	462852.11	3772335.70	369.98	369.98
DISCCART	462861.27	3772331.86	369.91	369.91
DISCCART	462870.44	3772328.02	369.91	369.91
DISCCART	462879.60	3772324.19	370.00	370.00
DISCCART	462888.76	3772320.35	369.84	369.84
DISCCART	462897.92	3772316.51	369.60	369.60
DISCCART	462907.08	3772312.68	369.28	369.28
DISCCART	462078.04	3773156.52	384.34	384.34
DISCCART	462078.13	3773166.47	384.67	384.67
DISCCART	462078.22	3773176.43	385.00	385.00
DISCCART	462078.31	3773186.38	385.00	385.00
DISCCART	462078.40	3773196.34	385.00	385.00
DISCCART	462078.49	3773206.29	385.00	385.00
DISCCART	462078.58	3773216.25	385.33	385.33
DISCCART	462078.67	3773226.20	385.66	385.66
DISCCART	462078.76	3773236.16	385.99	385.99
DISCCART	462078.85	3773246.11	386.00	386.00
DISCCART	462041.78	3773147.67	384.04	384.04
DISCCART	462045.51	3773138.45	384.00	384.00
DISCCART	462049.25	3773129.23	384.00	384.00
DISCCART	462056.73	3773110.80	383.82	383.82
DISCCART	462060.47	3773101.58	383.51	383.51
DISCCART	462064.21	3773092.36	383.20	383.20
DISCCART	462067.95	3773083.14	383.00	383.00
DISCCART	462071.68	3773073.93	383.00	383.00
DISCCART	462075.42	3773064.71	383.00	383.00
DISCCART	462079.16	3773055.49	382.97	382.97
DISCCART	462082.90	3773046.27	382.66	382.66
DISCCART	462086.64	3773037.06	382.36	382.36
DISCCART	462090.38	3773027.84	382.05	382.05
DISCCART	462097.85	3773009.40	382.00	382.00
DISCCART	462101.59	3773000.19	382.00	382.00
DISCCART	462105.33	3772990.97	381.82	381.82
DISCCART	462109.07	3772981.75	381.51	381.51
DISCCART	462112.81	3772972.53	381.21	381.21
DISCCART	462116.55	3772963.32	381.00	381.00
DISCCART	462120.29	3772954.10	381.00	381.00
DISCCART	462124.02	3772944.88	381.00	381.00
DISCCART	462127.76	3772935.66	380.98	380.98
DISCCART	462138.98	3772908.01	380.06	380.06
DISCCART	462142.72	3772898.79	380.00	380.00
DISCCART	462146.46	3772889.57	380.00	380.00
DISCCART	462150.20	3772880.36	380.00	380.00
DISCCART	462168.89	3772834.27	379.00	379.00
DISCCART	462172.63	3772825.05	379.00	379.00
DISCCART	462176.37	3772815.83	378.99	378.99
DISCCART	462180.10	3772806.62	378.78	378.78
DISCCART	462183.84	3772797.40	378.49	378.49
DISCCART	462187.58	3772788.18	378.13	378.13
DISCCART	462191.32	3772778.96	378.00	378.00
DISCCART	462195.06	3772769.75	378.00	378.00
DISCCART	462198.80	3772760.53	378.00	378.00
DISCCART	462236.18	3772668.35	377.00	377.00
DISCCART	462239.92	3772659.14	376.76	376.76
DISCCART	462243.66	3772649.92	376.45	376.45
DISCCART	462247.40	3772640.70	376.15	376.15
DISCCART	462262.35	3772603.83	375.92	375.92
DISCCART	462266.09	3772594.61	375.61	375.61

DISCCART	462269.83	3772585.39	375.30	375.30
DISCCART	462273.57	3772576.18	375.00	375.00
DISCCART	462277.31	3772566.96	375.00	375.00
DISCCART	462281.05	3772557.74	375.00	375.00
DISCCART	462284.78	3772548.52	375.00	375.00
DISCCART	462288.52	3772539.31	374.77	374.77
DISCCART	462301.44	3772526.25	374.33	374.33
DISCCART	462310.61	3772522.41	374.20	374.20
DISCCART	462319.79	3772518.56	374.07	374.07
DISCCART	462328.96	3772514.72	374.00	374.00
DISCCART	462338.14	3772510.88	374.00	374.00
DISCCART	462347.31	3772507.04	374.00	374.00
DISCCART	462356.49	3772503.20	374.00	374.00
DISCCART	462365.66	3772499.35	374.00	374.00
DISCCART	462374.84	3772495.51	374.00	374.00
DISCCART	462384.01	3772491.67	374.00	374.00
DISCCART	462393.19	3772487.83	374.00	374.00
DISCCART	462402.36	3772483.99	373.92	373.92
DISCCART	462411.54	3772480.15	373.79	373.79
DISCCART	462420.71	3772476.30	373.67	373.67
DISCCART	462429.89	3772472.46	373.54	373.54
DISCCART	462439.06	3772468.62	373.41	373.41
DISCCART	462494.11	3772445.57	373.00	373.00
DISCCART	462503.29	3772441.73	373.00	373.00
DISCCART	462512.46	3772437.88	373.00	373.00
DISCCART	462521.64	3772434.04	372.95	372.95
DISCCART	462530.81	3772430.20	372.68	372.68
DISCCART	462539.99	3772426.36	372.32	372.32
DISCCART	462549.16	3772422.52	372.01	372.01
DISCCART	462558.34	3772418.68	372.00	372.00
DISCCART	462567.51	3772414.83	372.00	372.00
DISCCART	462576.69	3772410.99	372.00	372.00
DISCCART	462585.86	3772407.15	372.00	372.00
DISCCART	462595.04	3772403.31	372.00	372.00
DISCCART	462604.21	3772399.47	372.00	372.00
DISCCART	462631.74	3772387.94	371.72	371.72
DISCCART	462640.91	3772384.10	371.57	371.57
DISCCART	462650.09	3772380.26	371.30	371.30
DISCCART	462659.26	3772376.41	371.12	371.12
DISCCART	462668.44	3772372.57	371.01	371.01
DISCCART	462677.61	3772368.73	371.00	371.00
DISCCART	462686.79	3772364.89	370.97	370.97
DISCCART	462695.96	3772361.05	370.85	370.85
DISCCART	462705.14	3772357.21	370.70	370.70
DISCCART	462714.31	3772353.36	370.57	370.57
DISCCART	462723.49	3772349.52	370.44	370.44
DISCCART	462732.66	3772345.68	370.31	370.31
DISCCART	462741.84	3772341.84	370.18	370.18
DISCCART	462751.01	3772338.00	370.06	370.06
DISCCART	462760.19	3772334.15	370.00	370.00
DISCCART	462769.36	3772330.31	370.00	370.00
DISCCART	462778.54	3772326.47	370.00	370.00
DISCCART	462787.71	3772322.63	370.00	370.00
DISCCART	462796.89	3772318.79	370.00	370.00
DISCCART	462806.06	3772314.94	370.00	370.00
DISCCART	462815.24	3772311.10	370.00	370.00
DISCCART	462824.41	3772307.26	369.85	369.85
DISCCART	462833.59	3772303.42	369.48	369.48
DISCCART	462842.76	3772299.58	369.18	369.18
DISCCART	462851.94	3772295.74	369.05	369.05
DISCCART	462861.11	3772291.89	369.20	369.20
DISCCART	462870.29	3772288.05	369.27	369.27
DISCCART	462879.46	3772284.21	369.26	369.26
DISCCART	462888.64	3772280.37	369.09	369.09
DISCCART	462897.81	3772276.53	369.00	369.00
DISCCART	462906.99	3772272.68	368.88	368.88

DISCCART	462038.04	3773156.88	384.35	384.35
DISCCART	462038.13	3773166.84	384.68	384.68
DISCCART	462038.22	3773176.79	385.00	385.00
DISCCART	462038.31	3773186.75	385.00	385.00
DISCCART	462038.40	3773196.70	385.00	385.00
DISCCART	462038.49	3773206.66	385.01	385.01
DISCCART	462038.58	3773216.61	385.34	385.34
DISCCART	462038.67	3773226.57	385.67	385.67
DISCCART	462038.76	3773236.52	386.00	386.00
DISCCART	462038.86	3773246.48	386.00	386.00
DISCCART	462001.73	3773148.15	384.06	384.06
DISCCART	462005.42	3773139.05	384.00	384.00
DISCCART	462009.11	3773129.95	384.00	384.00
DISCCART	462020.19	3773102.64	383.54	383.54
DISCCART	462023.88	3773093.54	383.24	383.24
DISCCART	462027.57	3773084.44	383.00	383.00
DISCCART	462031.26	3773075.34	383.00	383.00
DISCCART	462034.95	3773066.24	383.00	383.00
DISCCART	462038.64	3773057.14	383.00	383.00
DISCCART	462042.34	3773048.04	382.72	382.72
DISCCART	462046.03	3773038.93	382.42	382.42
DISCCART	462049.72	3773029.83	382.12	382.12
DISCCART	462060.79	3773002.53	382.00	382.00
DISCCART	462064.48	3772993.43	381.90	381.90
DISCCART	462068.18	3772984.33	381.60	381.60
DISCCART	462071.87	3772975.23	381.30	381.30
DISCCART	462075.56	3772966.12	381.00	381.00
DISCCART	462079.25	3772957.02	381.00	381.00
DISCCART	462082.94	3772947.92	381.00	381.00
DISCCART	462086.63	3772938.82	381.00	381.00
DISCCART	462090.32	3772929.72	380.78	380.78
DISCCART	462097.71	3772911.52	380.17	380.17
DISCCART	462101.40	3772902.42	380.00	380.00
DISCCART	462105.09	3772893.32	380.00	380.00
DISCCART	462108.78	3772884.21	380.00	380.00
DISCCART	462127.24	3772838.71	379.75	379.75
DISCCART	462130.93	3772829.61	379.42	379.42
DISCCART	462134.62	3772820.51	379.12	379.12
DISCCART	462138.31	3772811.40	379.00	379.00
DISCCART	462142.00	3772802.30	379.00	379.00
DISCCART	462145.69	3772793.20	379.00	379.00
DISCCART	462149.39	3772784.10	378.93	378.93
DISCCART	462153.08	3772775.00	378.62	378.62
DISCCART	462156.77	3772765.90	378.32	378.32
DISCCART	462160.46	3772756.80	378.02	378.02
DISCCART	462164.15	3772747.70	378.00	378.00
DISCCART	462167.84	3772738.60	378.00	378.00
DISCCART	462171.53	3772729.49	378.00	378.00
DISCCART	462175.23	3772720.39	377.80	377.80
DISCCART	462178.92	3772711.29	377.50	377.50
DISCCART	462182.61	3772702.19	377.20	377.20
DISCCART	462186.30	3772693.09	377.00	377.00
DISCCART	462189.99	3772683.99	377.00	377.00
DISCCART	462193.68	3772674.89	377.00	377.00
DISCCART	462197.37	3772665.79	376.98	376.98
DISCCART	462226.91	3772592.98	375.55	375.55
DISCCART	462230.60	3772583.88	375.25	375.25
DISCCART	462234.29	3772574.77	375.00	375.00
DISCCART	462237.98	3772565.67	375.00	375.00
DISCCART	462241.67	3772556.57	375.00	375.00
DISCCART	462245.36	3772547.47	375.00	375.00
DISCCART	462249.05	3772538.37	374.73	374.73
DISCCART	462252.75	3772529.27	374.43	374.43
DISCCART	462256.44	3772520.17	374.13	374.13
DISCCART	462260.13	3772511.07	374.00	374.00
DISCCART	462272.88	3772498.17	374.00	374.00

DISCCART	462281.94	3772494.38	374.00	374.00
DISCCART	462291.00	3772490.58	374.00	374.00
DISCCART	462300.06	3772486.79	374.00	374.00
DISCCART	462309.12	3772483.00	373.89	373.89
DISCCART	462318.17	3772479.20	373.76	373.76
DISCCART	462327.23	3772475.41	373.64	373.64
DISCCART	462336.29	3772471.62	373.51	373.51
DISCCART	462345.35	3772467.82	373.38	373.38
DISCCART	462399.71	3772445.06	373.00	373.00
DISCCART	462408.77	3772441.27	373.00	373.00
DISCCART	462417.83	3772437.48	373.00	373.00
DISCCART	462426.88	3772433.68	373.00	373.00
DISCCART	462435.94	3772429.89	373.00	373.00
DISCCART	462445.00	3772426.10	372.99	372.99
DISCCART	462454.06	3772422.30	372.87	372.87
DISCCART	462463.12	3772418.51	372.74	372.74
DISCCART	462472.18	3772414.72	372.61	372.61
DISCCART	462481.24	3772410.92	372.49	372.49
DISCCART	462490.30	3772407.13	372.36	372.36
DISCCART	462499.36	3772403.34	372.23	372.23
DISCCART	462508.42	3772399.54	372.11	372.11
DISCCART	462517.48	3772395.75	372.00	372.00
DISCCART	462526.54	3772391.96	372.00	372.00
DISCCART	462535.59	3772388.16	372.00	372.00
DISCCART	462544.65	3772384.37	372.00	372.00
DISCCART	462553.71	3772380.58	371.93	371.93
DISCCART	462562.77	3772376.78	371.71	371.71
DISCCART	462571.83	3772372.99	371.42	371.42
DISCCART	462580.89	3772369.20	371.10	371.10
DISCCART	462589.95	3772365.40	371.00	371.00
DISCCART	462599.01	3772361.61	371.00	371.00
DISCCART	462608.07	3772357.82	371.00	371.00
DISCCART	462626.19	3772350.23	371.00	371.00
DISCCART	462635.25	3772346.44	371.00	371.00
DISCCART	462644.30	3772342.64	371.00	371.00
DISCCART	462653.36	3772338.85	371.00	371.00
DISCCART	462662.42	3772335.06	370.96	370.96
DISCCART	462671.48	3772331.26	370.78	370.78
DISCCART	462680.54	3772327.47	370.45	370.45
DISCCART	462689.60	3772323.68	370.19	370.19
DISCCART	462698.66	3772319.88	370.01	370.01
DISCCART	462707.72	3772316.09	370.00	370.00
DISCCART	462716.78	3772312.30	370.00	370.00
DISCCART	462725.84	3772308.50	370.00	370.00
DISCCART	462734.90	3772304.71	369.99	369.99
DISCCART	462743.95	3772300.92	369.91	369.91
DISCCART	462753.01	3772297.12	369.76	369.76
DISCCART	462762.07	3772293.33	369.57	369.57
DISCCART	462771.13	3772289.54	369.44	369.44
DISCCART	462780.19	3772285.74	369.31	369.31
DISCCART	462789.25	3772281.95	369.19	369.19
DISCCART	462798.31	3772278.16	369.06	369.06
DISCCART	462807.37	3772274.36	369.00	369.00
DISCCART	462816.43	3772270.57	369.00	369.00
DISCCART	462825.49	3772266.78	369.00	369.00
DISCCART	462834.55	3772262.98	369.00	369.00
DISCCART	462843.61	3772259.19	369.00	369.00
DISCCART	462852.66	3772255.40	368.93	368.93
DISCCART	462861.72	3772251.60	368.67	368.67
DISCCART	462870.78	3772247.81	368.33	368.33
DISCCART	462879.84	3772244.02	368.00	368.00
DISCCART	462888.90	3772240.22	368.00	368.00
DISCCART	462897.96	3772236.43	368.00	368.00
DISCCART	462907.02	3772232.64	368.00	368.00
DISCCART	461998.04	3773157.25	384.36	384.36
DISCCART	461998.13	3773167.20	384.70	384.70

DISCCART	461998.22	3773177.16	385.00	385.00
DISCCART	461998.31	3773187.11	385.00	385.00
DISCCART	461998.40	3773197.07	385.00	385.00
DISCCART	461998.49	3773207.02	385.02	385.02
DISCCART	461998.58	3773216.98	385.35	385.35
DISCCART	461998.68	3773226.93	385.69	385.69
DISCCART	461998.77	3773236.89	386.01	386.01
DISCCART	461998.86	3773246.84	386.13	386.13
DISCCART	461961.74	3773148.50	384.07	384.07
DISCCART	461965.44	3773139.38	384.00	384.00
DISCCART	461969.13	3773130.26	384.00	384.00
DISCCART	461976.53	3773112.03	383.86	383.86
DISCCART	461980.23	3773102.91	383.55	383.55
DISCCART	461983.92	3773093.80	383.25	383.25
DISCCART	461987.62	3773084.68	383.00	383.00
DISCCART	461991.32	3773075.56	383.00	383.00
DISCCART	461995.02	3773066.45	383.00	383.00
DISCCART	461998.72	3773057.33	383.00	383.00
DISCCART	462002.41	3773048.21	382.73	382.73
DISCCART	462006.11	3773039.09	382.43	382.43
DISCCART	462009.81	3773029.98	382.12	382.12
DISCCART	462020.90	3773002.63	382.00	382.00
DISCCART	462024.60	3772993.51	381.91	381.91
DISCCART	462028.30	3772984.39	381.60	381.60
DISCCART	462032.00	3772975.27	381.30	381.30
DISCCART	462035.69	3772966.16	381.00	381.00
DISCCART	462039.39	3772957.04	381.00	381.00
DISCCART	462043.09	3772947.92	381.00	381.00
DISCCART	462046.79	3772938.81	381.00	381.00
DISCCART	462057.88	3772911.46	380.50	380.50
DISCCART	462061.58	3772902.34	380.23	380.23
DISCCART	462065.28	3772893.22	380.08	380.08
DISCCART	462068.97	3772884.10	380.01	380.01
DISCCART	462087.46	3772838.52	379.74	379.74
DISCCART	462091.16	3772829.40	379.44	379.44
DISCCART	462094.86	3772820.29	379.13	379.13
DISCCART	462098.56	3772811.17	379.00	379.00
DISCCART	462102.26	3772802.05	379.00	379.00
DISCCART	462105.95	3772792.93	379.00	379.00
DISCCART	462109.65	3772783.82	378.92	378.92
DISCCART	462113.35	3772774.70	378.61	378.61
DISCCART	462117.05	3772765.58	378.31	378.31
DISCCART	462120.74	3772756.47	378.00	378.00
DISCCART	462124.44	3772747.35	378.00	378.00
DISCCART	462128.14	3772738.23	378.00	378.00
DISCCART	462131.84	3772729.12	378.00	378.00
DISCCART	462135.54	3772720.00	377.79	377.79
DISCCART	462139.23	3772710.88	377.48	377.48
DISCCART	462142.93	3772701.76	377.18	377.18
DISCCART	462146.63	3772692.65	377.00	377.00
DISCCART	462150.33	3772683.53	377.00	377.00
DISCCART	462154.02	3772674.41	377.00	377.00
DISCCART	462157.72	3772665.30	376.97	376.97
DISCCART	462161.42	3772656.18	376.66	376.66
DISCCART	462165.12	3772647.06	376.36	376.36
DISCCART	462168.82	3772637.95	376.05	376.05
DISCCART	462172.51	3772628.83	376.00	376.00
DISCCART	462176.21	3772619.71	376.00	376.00
DISCCART	462179.91	3772610.59	376.00	376.00
DISCCART	462183.61	3772601.48	375.84	375.84
DISCCART	462187.31	3772592.36	375.53	375.53
DISCCART	462191.00	3772583.24	375.23	375.23
DISCCART	462194.70	3772574.13	375.00	375.00
DISCCART	462198.40	3772565.01	375.00	375.00
DISCCART	462227.98	3772492.07	374.00	374.00
DISCCART	462231.68	3772482.96	373.89	373.89

DISCCART	462244.45	3772470.04	373.46	373.46
DISCCART	462298.90	3772447.24	373.00	373.00
DISCCART	462307.98	3772443.44	373.00	373.00
DISCCART	462317.05	3772439.64	373.00	373.00
DISCCART	462326.13	3772435.84	373.00	373.00
DISCCART	462335.20	3772432.04	373.00	373.00
DISCCART	462344.28	3772428.24	373.00	373.00
DISCCART	462353.35	3772424.44	372.94	372.94
DISCCART	462362.43	3772420.64	372.81	372.81
DISCCART	462371.50	3772416.84	372.68	372.68
DISCCART	462380.58	3772413.04	372.56	372.56
DISCCART	462389.65	3772409.24	372.43	372.43
DISCCART	462398.73	3772405.44	372.30	372.30
DISCCART	462407.80	3772401.64	372.18	372.18
DISCCART	462416.88	3772397.84	372.05	372.05
DISCCART	462425.95	3772394.04	372.00	372.00
DISCCART	462435.03	3772390.24	372.00	372.00
DISCCART	462444.10	3772386.44	372.00	372.00
DISCCART	462453.17	3772382.64	372.00	372.00
DISCCART	462462.25	3772378.84	372.00	372.00
DISCCART	462471.32	3772375.04	372.00	372.00
DISCCART	462480.40	3772371.24	372.00	372.00
DISCCART	462489.47	3772367.44	372.00	372.00
DISCCART	462498.55	3772363.64	371.91	371.91
DISCCART	462507.62	3772359.84	371.78	371.78
DISCCART	462516.70	3772356.04	371.66	371.66
DISCCART	462525.77	3772352.24	371.53	371.53
DISCCART	462534.85	3772348.44	371.40	371.40
DISCCART	462543.92	3772344.64	371.28	371.28
DISCCART	462553.00	3772340.84	371.13	371.13
DISCCART	462562.07	3772337.04	371.01	371.01
DISCCART	462571.15	3772333.24	371.00	371.00
DISCCART	462580.22	3772329.44	371.00	371.00
DISCCART	462589.30	3772325.64	370.89	370.89
DISCCART	462598.37	3772321.84	370.70	370.70
DISCCART	462607.45	3772318.04	370.43	370.43
DISCCART	462625.60	3772310.44	370.14	370.14
DISCCART	462634.67	3772306.64	370.01	370.01
DISCCART	462643.75	3772302.84	370.00	370.00
DISCCART	462652.82	3772299.04	370.00	370.00
DISCCART	462661.90	3772295.24	370.00	370.00
DISCCART	462670.97	3772291.44	370.00	370.00
DISCCART	462680.05	3772287.64	370.00	370.00
DISCCART	462689.12	3772283.84	370.00	370.00
DISCCART	462698.20	3772280.04	370.00	370.00
DISCCART	462707.27	3772276.24	370.00	370.00
DISCCART	462716.35	3772272.44	369.87	369.87
DISCCART	462725.42	3772268.64	369.74	369.74
DISCCART	462734.50	3772264.84	369.52	369.52
DISCCART	462743.57	3772261.04	369.26	369.26
DISCCART	462752.65	3772257.24	369.08	369.08
DISCCART	462761.72	3772253.44	369.00	369.00
DISCCART	462770.80	3772249.64	369.00	369.00
DISCCART	462779.87	3772245.84	368.98	368.98
DISCCART	462788.95	3772242.04	368.86	368.86
DISCCART	462798.02	3772238.24	368.73	368.73
DISCCART	462807.10	3772234.44	368.60	368.60
DISCCART	462816.17	3772230.64	368.48	368.48
DISCCART	462825.25	3772226.84	368.35	368.35
DISCCART	462834.32	3772223.04	368.22	368.22
DISCCART	462843.40	3772219.24	368.10	368.10
DISCCART	462852.47	3772215.44	368.00	368.00
DISCCART	462861.55	3772211.64	368.00	368.00
DISCCART	462870.62	3772207.84	368.00	368.00
DISCCART	462879.70	3772204.04	368.00	368.00
DISCCART	462888.77	3772200.24	367.84	367.84

DISCCART	462897.85	3772196.44	367.60	367.60
DISCCART	462906.92	3772192.64	367.28	367.28
DISCCART	461958.04	3773157.62	384.38	384.38
DISCCART	461958.13	3773167.57	384.71	384.71
DISCCART	461958.22	3773177.53	385.00	385.00
DISCCART	461958.31	3773187.48	385.00	385.00
DISCCART	461958.40	3773197.44	385.00	385.00
DISCCART	461958.50	3773207.39	385.04	385.04
DISCCART	461958.59	3773217.35	385.37	385.37
DISCCART	461958.68	3773227.30	385.70	385.70
DISCCART	461958.77	3773237.26	386.03	386.03
DISCCART	461958.86	3773247.21	386.36	386.36
DISCCART	461921.75	3773148.85	384.08	384.08
DISCCART	461925.45	3773139.72	384.00	384.00
DISCCART	461929.15	3773130.59	384.00	384.00
DISCCART	461936.56	3773112.32	383.87	383.87
DISCCART	461940.26	3773103.19	383.56	383.56
DISCCART	461943.97	3773094.06	383.26	383.26
DISCCART	461947.67	3773084.93	383.00	383.00
DISCCART	461951.38	3773075.80	383.00	383.00
DISCCART	461955.08	3773066.66	383.00	383.00
DISCCART	461958.78	3773057.53	383.00	383.00
DISCCART	461962.49	3773048.40	382.74	382.74
DISCCART	461966.19	3773039.27	382.43	382.43
DISCCART	461969.89	3773030.14	382.13	382.13
DISCCART	461981.01	3773002.74	382.00	382.00
DISCCART	461984.71	3772993.61	381.91	381.91
DISCCART	461988.41	3772984.48	381.60	381.60
DISCCART	461992.12	3772975.35	381.30	381.30
DISCCART	461995.82	3772966.22	381.00	381.00
DISCCART	461999.52	3772957.09	381.00	381.00
DISCCART	462003.23	3772947.95	381.00	381.00
DISCCART	462006.93	3772938.82	381.00	381.00
DISCCART	462010.64	3772929.69	381.00	381.00
DISCCART	462014.34	3772920.56	381.00	381.00
DISCCART	462018.04	3772911.43	381.00	381.00
DISCCART	462021.75	3772902.30	380.87	380.87
DISCCART	462025.45	3772893.16	380.56	380.56
DISCCART	462029.15	3772884.03	380.26	380.26
DISCCART	462032.86	3772874.90	380.00	380.00
DISCCART	462047.67	3772838.37	379.73	379.73
DISCCART	462051.38	3772829.24	379.43	379.43
DISCCART	462055.08	3772820.11	379.13	379.13
DISCCART	462058.78	3772810.98	379.00	379.00
DISCCART	462062.49	3772801.85	379.00	379.00
DISCCART	462066.19	3772792.72	379.00	379.00
DISCCART	462069.90	3772783.58	378.91	378.91
DISCCART	462073.60	3772774.45	378.60	378.60
DISCCART	462077.30	3772765.32	378.30	378.30
DISCCART	462081.01	3772756.19	378.00	378.00
DISCCART	462084.71	3772747.06	378.00	378.00
DISCCART	462088.41	3772737.93	378.00	378.00
DISCCART	462092.12	3772728.79	378.00	378.00
DISCCART	462095.82	3772719.66	377.81	377.81
DISCCART	462099.53	3772710.53	377.48	377.48
DISCCART	462103.23	3772701.40	377.17	377.17
DISCCART	462106.93	3772692.27	377.00	377.00
DISCCART	462110.64	3772683.14	377.00	377.00
DISCCART	462114.34	3772674.00	377.00	377.00
DISCCART	462118.04	3772664.87	376.97	376.97
DISCCART	462121.75	3772655.74	376.74	376.74
DISCCART	462125.45	3772646.61	376.43	376.43
DISCCART	462129.16	3772637.48	376.05	376.05
DISCCART	462132.86	3772628.35	376.00	376.00
DISCCART	462136.56	3772619.22	376.00	376.00
DISCCART	462140.27	3772610.08	376.00	376.00

DISCCART	462143.97	3772600.95	375.82	375.82
DISCCART	462147.67	3772591.82	375.52	375.52
DISCCART	462151.38	3772582.69	375.21	375.21
DISCCART	462155.08	3772573.56	375.00	375.00
DISCCART	462158.79	3772564.43	375.00	375.00
DISCCART	462162.49	3772555.29	375.00	375.00
DISCCART	462166.19	3772546.16	374.99	374.99
DISCCART	462169.90	3772537.03	374.69	374.69
DISCCART	462173.60	3772527.90	374.39	374.39
DISCCART	462177.30	3772518.77	374.08	374.08
DISCCART	462181.01	3772509.64	374.00	374.00
DISCCART	462184.71	3772500.50	374.00	374.00
DISCCART	462188.42	3772491.37	374.00	374.00
DISCCART	462192.12	3772482.24	373.86	373.86
DISCCART	462195.82	3772473.11	373.56	373.56
DISCCART	462225.11	3772438.10	373.00	373.00
DISCCART	462234.20	3772434.30	373.00	373.00
DISCCART	462243.29	3772430.49	373.00	373.00
DISCCART	462252.38	3772426.68	373.00	373.00
DISCCART	462261.47	3772422.88	372.88	372.88
DISCCART	462270.56	3772419.07	372.76	372.76
DISCCART	462279.65	3772415.27	372.63	372.63
DISCCART	462288.74	3772411.46	372.50	372.50
DISCCART	462297.83	3772407.65	372.38	372.38
DISCCART	462306.92	3772403.85	372.25	372.25
DISCCART	462316.01	3772400.04	372.12	372.12
DISCCART	462325.10	3772396.24	372.00	372.00
DISCCART	462334.19	3772392.43	372.00	372.00
DISCCART	462343.28	3772388.62	372.00	372.00
DISCCART	462352.37	3772384.82	372.00	372.00
DISCCART	462361.46	3772381.01	372.00	372.00
DISCCART	462370.54	3772377.21	372.00	372.00
DISCCART	462379.63	3772373.40	372.00	372.00
DISCCART	462388.72	3772369.59	372.00	372.00
DISCCART	462397.81	3772365.79	371.98	371.98
DISCCART	462406.90	3772361.98	371.85	371.85
DISCCART	462415.99	3772358.18	371.73	371.73
DISCCART	462425.08	3772354.37	371.60	371.60
DISCCART	462434.17	3772350.56	371.47	371.47
DISCCART	462443.26	3772346.76	371.35	371.35
DISCCART	462452.35	3772342.95	371.22	371.22
DISCCART	462461.44	3772339.14	371.09	371.09
DISCCART	462470.53	3772335.34	371.00	371.00
DISCCART	462479.62	3772331.53	371.00	371.00
DISCCART	462488.71	3772327.73	371.00	371.00
DISCCART	462497.80	3772323.92	371.00	371.00
DISCCART	462506.89	3772320.11	371.00	371.00
DISCCART	462515.98	3772316.31	371.00	371.00
DISCCART	462525.07	3772312.50	371.00	371.00
DISCCART	462534.15	3772308.70	371.00	371.00
DISCCART	462543.24	3772304.89	370.95	370.95
DISCCART	462552.33	3772301.08	370.82	370.82
DISCCART	462561.42	3772297.28	370.70	370.70
DISCCART	462570.51	3772293.47	370.57	370.57
DISCCART	462579.60	3772289.67	370.44	370.44
DISCCART	462588.69	3772285.86	370.22	370.22
DISCCART	462597.78	3772282.05	370.08	370.08
DISCCART	462606.87	3772278.25	370.01	370.01
DISCCART	462625.05	3772270.64	369.81	369.81
DISCCART	462634.14	3772266.83	369.68	369.68
DISCCART	462643.23	3772263.02	369.56	369.56
DISCCART	462652.32	3772259.22	369.43	369.43
DISCCART	462661.41	3772255.41	369.30	369.30
DISCCART	462670.50	3772251.61	369.18	369.18
DISCCART	462679.59	3772247.80	369.05	369.05
DISCCART	462688.68	3772243.99	369.00	369.00

DISCCART	462697.76	3772240.19	369.00	369.00
DISCCART	462706.85	3772236.38	369.00	369.00
DISCCART	462715.94	3772232.58	369.00	369.00
DISCCART	462725.03	3772228.77	369.00	369.00
DISCCART	462734.12	3772224.96	368.89	368.89
DISCCART	462743.21	3772221.16	368.62	368.62
DISCCART	462752.30	3772217.35	368.27	368.27
DISCCART	462761.39	3772213.55	368.00	368.00
DISCCART	462770.48	3772209.74	368.00	368.00
DISCCART	462779.57	3772205.93	368.00	368.00
DISCCART	462788.66	3772202.13	368.00	368.00
DISCCART	462797.75	3772198.32	368.00	368.00
DISCCART	462806.84	3772194.51	368.00	368.00
DISCCART	462815.93	3772190.71	368.00	368.00
DISCCART	462825.02	3772186.90	368.00	368.00
DISCCART	462834.11	3772183.10	367.89	367.89
DISCCART	462843.20	3772179.29	367.77	367.77
DISCCART	462852.29	3772175.48	367.64	367.64
DISCCART	462861.38	3772171.68	367.51	367.51
DISCCART	462870.46	3772167.87	367.38	367.38
DISCCART	462879.55	3772164.07	367.26	367.26
DISCCART	462888.64	3772160.26	367.09	367.09
DISCCART	462897.73	3772156.45	367.00	367.00
DISCCART	462906.82	3772152.65	367.00	367.00
DISCCART	461918.04	3773157.98	384.39	384.39
DISCCART	461918.13	3773167.94	384.72	384.72
DISCCART	461918.22	3773177.89	385.00	385.00
DISCCART	461918.31	3773187.85	385.00	385.00
DISCCART	461918.41	3773197.80	385.00	385.00
DISCCART	461918.50	3773207.76	385.05	385.05
DISCCART	461918.59	3773217.71	385.38	385.38
DISCCART	461918.68	3773227.67	385.71	385.71
DISCCART	461918.77	3773237.62	386.04	386.04
DISCCART	461918.86	3773247.58	386.37	386.37
DISCCART	462917.50	3773287.81	383.72	383.72
DISCCART	462909.06	3773284.33	383.60	383.60
DISCCART	462900.61	3773280.86	383.48	383.48
DISCCART	462917.50	3773297.81	384.00	384.00
DISCCART	462909.06	3773294.33	383.93	383.93
DISCCART	462900.61	3773290.86	383.82	383.82
DISCCART	462892.16	3773287.38	383.70	383.70
DISCCART	462883.12	3773282.50	383.54	383.54
DISCCART	462917.50	3773307.81	384.00	384.00
DISCCART	462909.06	3773304.33	384.00	384.00
DISCCART	462900.61	3773300.86	384.00	384.00
DISCCART	462892.16	3773297.38	384.00	384.00
DISCCART	462883.72	3773293.91	383.92	383.92
DISCCART	462875.49	3773288.21	383.77	383.77
DISCCART	462871.94	3773279.79	383.59	383.59
DISCCART	462917.50	3773317.81	384.00	384.00
DISCCART	462909.06	3773314.33	384.00	384.00
DISCCART	462900.61	3773310.86	384.00	384.00
DISCCART	462892.16	3773307.38	384.00	384.00
DISCCART	462883.72	3773303.91	384.00	384.00
DISCCART	462875.27	3773300.43	384.02	384.02
DISCCART	462867.86	3773293.91	383.95	383.95
DISCCART	462864.31	3773285.49	383.82	383.82
DISCCART	462917.50	3773327.81	384.05	384.05
DISCCART	462909.06	3773324.33	384.00	384.00
DISCCART	462900.61	3773320.86	384.00	384.00
DISCCART	462892.16	3773317.38	384.00	384.00
DISCCART	462883.72	3773313.91	384.00	384.00
DISCCART	462875.27	3773310.43	384.07	384.07
DISCCART	462866.82	3773306.95	384.15	384.15
DISCCART	462860.23	3773299.61	384.07	384.07
DISCCART	462856.09	3773289.79	383.95	383.95

DISCCART	462851.94	3773279.97	383.96	383.96
DISCCART	462917.47	3773337.80	384.38	384.38
DISCCART	462908.83	3773334.24	384.26	384.26
DISCCART	462900.19	3773330.69	384.15	384.15
DISCCART	462891.56	3773327.13	384.03	384.03
DISCCART	462882.92	3773323.58	384.00	384.00
DISCCART	462874.28	3773320.02	384.14	384.14
DISCCART	462865.64	3773316.47	384.31	384.31
DISCCART	462857.00	3773312.91	384.42	384.42
DISCCART	462851.93	3773303.71	384.23	384.23
DISCCART	462848.29	3773295.11	384.00	384.00
DISCCART	462844.66	3773286.50	384.00	384.00
DISCCART	462917.47	3773347.80	384.72	384.72
DISCCART	462908.85	3773344.25	384.60	384.60
DISCCART	462900.24	3773340.70	384.48	384.48
DISCCART	462891.62	3773337.16	384.36	384.36
DISCCART	462883.00	3773333.61	384.24	384.24
DISCCART	462874.38	3773330.06	384.28	384.28
DISCCART	462865.76	3773326.52	384.47	384.47
DISCCART	462857.14	3773322.97	384.67	384.67
DISCCART	462847.92	3773317.99	384.72	384.72
DISCCART	462844.29	3773309.41	384.44	384.44
DISCCART	462840.67	3773300.82	384.15	384.15
DISCCART	462837.04	3773292.23	384.00	384.00
DISCCART	462833.42	3773283.65	384.00	384.00
DISCCART	462917.48	3773367.80	385.00	385.00
DISCCART	462908.89	3773364.27	385.00	385.00
DISCCART	462900.30	3773360.73	385.00	385.00
DISCCART	462891.71	3773357.20	385.00	385.00
DISCCART	462883.12	3773353.66	384.91	384.91
DISCCART	462874.53	3773350.13	384.83	384.83
DISCCART	462865.94	3773346.59	384.82	384.82
DISCCART	462857.35	3773343.06	384.89	384.89
DISCCART	462848.76	3773339.52	385.00	385.00
DISCCART	462840.17	3773335.99	385.00	385.00
DISCCART	462832.64	3773329.35	385.00	385.00
DISCCART	462829.03	3773320.79	384.82	384.82
DISCCART	462825.41	3773312.24	384.53	384.53
DISCCART	462821.80	3773303.68	384.24	384.24
DISCCART	462818.19	3773295.12	384.00	384.00
DISCCART	462814.57	3773286.57	384.00	384.00
DISCCART	462917.48	3773387.80	385.05	385.05
DISCCART	462908.91	3773384.28	385.00	385.00
DISCCART	462900.34	3773380.75	385.00	385.00
DISCCART	462891.78	3773377.22	385.00	385.00
DISCCART	462883.21	3773373.70	385.00	385.00
DISCCART	462874.64	3773370.17	385.08	385.08
DISCCART	462866.07	3773366.64	385.16	385.16
DISCCART	462857.50	3773363.12	385.17	385.17
DISCCART	462848.93	3773359.59	385.11	385.11
DISCCART	462840.36	3773356.06	385.00	385.00
DISCCART	462831.79	3773352.54	385.00	385.00
DISCCART	462823.22	3773349.01	385.00	385.00
DISCCART	462817.36	3773340.72	385.00	385.00
DISCCART	462813.76	3773332.19	385.00	385.00
DISCCART	462810.16	3773323.65	384.91	384.91
DISCCART	462806.55	3773315.11	384.63	384.63
DISCCART	462802.95	3773306.58	384.34	384.34
DISCCART	462799.34	3773298.04	384.06	384.06
DISCCART	462795.74	3773289.51	384.00	384.00
DISCCART	462792.13	3773280.97	384.00	384.00
DISCCART	462917.48	3773407.80	385.72	385.72
DISCCART	462908.93	3773404.28	385.60	385.60
DISCCART	462900.38	3773400.76	385.48	385.48
DISCCART	462891.82	3773397.24	385.36	385.36
DISCCART	462883.27	3773393.72	385.25	385.25

DISCCART	462874.72	3773390.20	385.27	385.27
DISCCART	462866.16	3773386.68	385.46	385.46
DISCCART	462857.61	3773383.16	385.66	385.66
DISCCART	462849.06	3773379.64	385.78	385.78
DISCCART	462840.50	3773376.12	385.66	385.66
DISCCART	462831.95	3773372.60	385.54	385.54
DISCCART	462823.40	3773369.08	385.42	385.42
DISCCART	462814.84	3773365.56	385.31	385.31
DISCCART	462805.69	3773360.62	385.14	385.14
DISCCART	462802.09	3773352.10	385.00	385.00
DISCCART	462798.50	3773343.58	385.00	385.00
DISCCART	462794.90	3773335.06	385.00	385.00
DISCCART	462791.30	3773326.54	385.00	385.00
DISCCART	462787.70	3773318.02	384.68	384.68
DISCCART	462784.10	3773309.50	384.36	384.36
DISCCART	462780.51	3773300.98	384.11	384.11
DISCCART	462776.91	3773292.46	384.00	384.00
DISCCART	462773.31	3773283.94	384.00	384.00
DISCCART	462917.47	3773427.80	386.00	386.00
DISCCART	462908.83	3773424.24	386.01	386.01
DISCCART	462900.19	3773420.69	386.05	386.05
DISCCART	462891.56	3773417.13	386.02	386.02
DISCCART	462882.92	3773413.58	385.91	385.91
DISCCART	462874.28	3773410.02	385.83	385.83
DISCCART	462865.64	3773406.47	385.82	385.82
DISCCART	462857.00	3773402.91	385.89	385.89
DISCCART	462848.36	3773399.36	386.00	386.00
DISCCART	462839.72	3773395.80	386.00	386.00
DISCCART	462831.09	3773392.25	386.00	386.00
DISCCART	462822.45	3773388.69	386.00	386.00
DISCCART	462813.81	3773385.14	385.96	385.96
DISCCART	462805.17	3773381.58	385.84	385.84
DISCCART	462796.53	3773378.03	385.72	385.72
DISCCART	462789.79	3773370.51	385.47	385.47
DISCCART	462786.16	3773361.91	385.19	385.19
DISCCART	462782.52	3773353.30	384.98	384.98
DISCCART	462778.89	3773344.70	384.86	384.86
DISCCART	462775.26	3773336.09	384.68	384.68
DISCCART	462771.62	3773327.49	384.42	384.42
DISCCART	462767.99	3773318.88	384.21	384.21
DISCCART	462764.35	3773310.27	384.07	384.07
DISCCART	462760.72	3773301.67	384.01	384.01
DISCCART	462757.09	3773293.06	384.00	384.00
DISCCART	462753.45	3773284.46	384.00	384.00
DISCCART	462917.47	3773447.80	386.05	386.05
DISCCART	462908.85	3773444.25	386.02	386.02
DISCCART	462900.24	3773440.70	386.25	386.25
DISCCART	462891.62	3773437.16	386.42	386.42
DISCCART	462883.00	3773433.61	386.51	386.51
DISCCART	462874.38	3773430.06	386.46	386.46
DISCCART	462865.76	3773426.52	386.34	386.34
DISCCART	462857.14	3773422.97	386.22	386.22
DISCCART	462848.52	3773419.42	386.10	386.10
DISCCART	462839.90	3773415.88	386.00	386.00
DISCCART	462831.29	3773412.33	386.00	386.00
DISCCART	462822.67	3773408.78	386.00	386.00
DISCCART	462814.05	3773405.24	386.00	386.00
DISCCART	462805.43	3773401.69	386.00	386.00
DISCCART	462796.81	3773398.14	386.00	386.00
DISCCART	462788.19	3773394.59	386.00	386.00
DISCCART	462779.57	3773391.05	386.00	386.00
DISCCART	462774.51	3773381.87	385.85	385.85
DISCCART	462770.89	3773373.28	385.56	385.56
DISCCART	462767.26	3773364.70	385.28	385.28
DISCCART	462763.63	3773356.11	384.99	384.99
DISCCART	462760.01	3773347.53	384.71	384.71

DISCCART	462756.38	3773338.94	384.42	384.42
DISCCART	462752.76	3773330.35	384.13	384.13
DISCCART	462749.13	3773321.77	384.00	384.00
DISCCART	462745.51	3773313.18	384.00	384.00
DISCCART	462741.88	3773304.60	384.00	384.00
DISCCART	462738.25	3773296.01	384.00	384.00
DISCCART	462734.63	3773287.42	384.00	384.00
DISCCART	462900.27	3773460.72	386.64	386.64
DISCCART	462891.67	3773457.18	386.74	386.74
DISCCART	462883.06	3773453.64	386.91	386.91
DISCCART	462874.46	3773450.10	387.00	387.00
DISCCART	462865.86	3773446.56	387.00	387.00
DISCCART	462857.26	3773443.02	386.89	386.89
DISCCART	462848.65	3773439.48	386.77	386.77
DISCCART	462840.05	3773435.94	386.65	386.65
DISCCART	462831.45	3773432.40	386.54	386.54
DISCCART	462822.85	3773428.86	386.42	386.42
DISCCART	462814.24	3773425.32	386.30	386.30
DISCCART	462805.64	3773421.77	386.18	386.18
DISCCART	462797.04	3773418.23	386.06	386.06
DISCCART	462788.43	3773414.69	386.00	386.00
DISCCART	462779.83	3773411.15	386.00	386.00
DISCCART	462771.23	3773407.61	386.00	386.00
DISCCART	462762.85	3773401.81	386.00	386.00
DISCCART	462759.23	3773393.24	386.00	386.00
DISCCART	462755.62	3773384.67	385.94	385.94
DISCCART	462752.00	3773376.10	385.66	385.66
DISCCART	462748.38	3773367.53	385.37	385.37
DISCCART	462744.76	3773358.96	385.09	385.09
DISCCART	462741.14	3773350.39	384.80	384.80
DISCCART	462737.52	3773341.82	384.52	384.52
DISCCART	462733.90	3773333.25	384.23	384.23
DISCCART	462730.28	3773324.68	384.00	384.00
DISCCART	462726.66	3773316.11	384.07	384.07
DISCCART	462723.05	3773307.53	384.08	384.08
DISCCART	462719.43	3773298.96	384.03	384.03
DISCCART	462715.81	3773290.39	384.00	384.00
DISCCART	462712.19	3773281.82	384.00	384.00
DISCCART	462917.48	3773487.80	387.28	387.28
DISCCART	462848.76	3773459.52	387.00	387.00
DISCCART	462840.17	3773455.99	387.00	387.00
DISCCART	462831.58	3773452.45	387.00	387.00
DISCCART	462822.99	3773448.92	387.00	387.00
DISCCART	462814.40	3773445.38	386.97	386.97
DISCCART	462805.81	3773441.85	386.85	386.85
DISCCART	462797.22	3773438.31	386.73	386.73
DISCCART	462788.63	3773434.78	386.61	386.61
DISCCART	462780.05	3773431.24	386.50	386.50
DISCCART	462771.46	3773427.71	386.38	386.38
DISCCART	462762.87	3773424.17	386.26	386.26
DISCCART	462754.28	3773420.64	386.14	386.14
DISCCART	462747.57	3773413.16	386.00	386.00
DISCCART	462743.96	3773404.61	386.00	386.00
DISCCART	462740.35	3773396.05	386.00	386.00
DISCCART	462736.73	3773387.49	386.00	386.00
DISCCART	462733.12	3773378.94	385.75	385.75
DISCCART	462729.51	3773370.38	385.47	385.47
DISCCART	462725.89	3773361.82	385.18	385.18
DISCCART	462722.28	3773353.27	384.92	384.92
DISCCART	462718.67	3773344.71	384.75	384.75
DISCCART	462715.05	3773336.15	384.65	384.65
DISCCART	462711.44	3773327.60	384.62	384.62
DISCCART	462707.83	3773319.04	384.55	384.55
DISCCART	462704.21	3773310.48	384.40	384.40
DISCCART	462700.60	3773301.93	384.18	384.18
DISCCART	462696.99	3773293.37	384.00	384.00

DISCCART	462693.37	3773284.81	384.00	384.00
DISCCART	462917.47	3773507.80	387.75	387.75
DISCCART	462908.82	3773504.24	387.93	387.93
DISCCART	462900.18	3773500.68	387.81	387.81
DISCCART	462891.53	3773497.12	387.69	387.69
DISCCART	462882.89	3773493.56	387.57	387.57
DISCCART	462874.24	3773490.01	387.46	387.46
DISCCART	462796.43	3773457.98	387.00	387.00
DISCCART	462787.78	3773454.42	387.02	387.02
DISCCART	462779.13	3773450.87	387.05	387.05
DISCCART	462770.49	3773447.31	387.02	387.02
DISCCART	462761.84	3773443.75	386.91	386.91
DISCCART	462753.20	3773440.19	386.80	386.80
DISCCART	462744.55	3773436.63	386.68	386.68
DISCCART	462735.30	3773431.64	386.51	386.51
DISCCART	462731.66	3773423.03	386.22	386.22
DISCCART	462728.02	3773414.41	386.00	386.00
DISCCART	462724.39	3773405.80	386.00	386.00
DISCCART	462720.75	3773397.19	386.00	386.00
DISCCART	462717.11	3773388.58	386.00	386.00
DISCCART	462713.48	3773379.96	385.79	385.79
DISCCART	462709.84	3773371.35	385.50	385.50
DISCCART	462706.20	3773362.74	385.21	385.21
DISCCART	462702.57	3773354.12	384.99	384.99
DISCCART	462698.93	3773345.51	385.00	385.00
DISCCART	462695.29	3773336.90	385.00	385.00
DISCCART	462691.65	3773328.28	385.00	385.00
DISCCART	462688.02	3773319.67	384.78	384.78
DISCCART	462684.38	3773311.06	384.49	384.49
DISCCART	462680.74	3773302.44	384.20	384.20
DISCCART	462677.11	3773293.83	384.00	384.00
DISCCART	462673.47	3773285.22	384.00	384.00
DISCCART	462917.47	3773527.80	387.93	387.93
DISCCART	462908.84	3773524.25	388.00	388.00
DISCCART	462900.21	3773520.69	388.00	388.00
DISCCART	462891.58	3773517.14	388.00	388.00
DISCCART	462882.95	3773513.59	388.00	388.00
DISCCART	462874.31	3773510.04	388.00	388.00
DISCCART	462865.68	3773506.49	388.00	388.00
DISCCART	462857.05	3773502.93	387.89	387.89
DISCCART	462848.42	3773499.38	387.77	387.77
DISCCART	462839.79	3773495.83	387.65	387.65
DISCCART	462831.16	3773492.28	387.53	387.53
DISCCART	462822.53	3773488.72	387.41	387.41
DISCCART	462753.48	3773460.31	387.47	387.47
DISCCART	462744.84	3773456.76	387.35	387.35
DISCCART	462736.21	3773453.20	387.23	387.23
DISCCART	462727.58	3773449.65	387.11	387.11
DISCCART	462720.01	3773442.98	386.89	386.89
DISCCART	462716.38	3773434.38	386.60	386.60
DISCCART	462712.75	3773425.79	386.32	386.32
DISCCART	462709.12	3773417.19	386.03	386.03
DISCCART	462705.49	3773408.59	386.00	386.00
DISCCART	462701.86	3773399.99	386.00	386.00
DISCCART	462698.23	3773391.39	386.01	386.01
DISCCART	462694.60	3773382.79	385.88	385.88
DISCCART	462690.96	3773374.20	385.60	385.60
DISCCART	462687.33	3773365.60	385.31	385.31
DISCCART	462683.70	3773357.00	385.02	385.02
DISCCART	462680.07	3773348.40	385.00	385.00
DISCCART	462676.44	3773339.80	385.00	385.00
DISCCART	462672.81	3773331.20	385.00	385.00
DISCCART	462669.18	3773322.60	384.88	384.88
DISCCART	462665.55	3773314.01	384.65	384.65
DISCCART	462661.92	3773305.41	384.48	384.48
DISCCART	462658.29	3773296.81	384.39	384.39

DISCCART	462654.66	3773288.21	384.50	384.50
DISCCART	462917.47	3773547.80	388.38	388.38
DISCCART	462908.85	3773544.25	388.26	388.26
DISCCART	462900.24	3773540.70	388.15	388.15
DISCCART	462891.62	3773537.16	388.03	388.03
DISCCART	462883.00	3773533.61	388.00	388.00
DISCCART	462874.38	3773530.06	388.00	388.00
DISCCART	462865.76	3773526.52	388.00	388.00
DISCCART	462857.14	3773522.97	388.00	388.00
DISCCART	462848.52	3773519.42	388.02	388.02
DISCCART	462839.90	3773515.88	388.10	388.10
DISCCART	462831.29	3773512.33	388.12	388.12
DISCCART	462822.67	3773508.78	388.07	388.07
DISCCART	462814.05	3773505.24	387.96	387.96
DISCCART	462805.43	3773501.69	387.85	387.85
DISCCART	462796.81	3773498.14	387.73	387.73
DISCCART	462788.19	3773494.59	387.63	387.63
DISCCART	462779.57	3773491.05	387.66	387.66
DISCCART	462770.95	3773487.50	387.76	387.76
DISCCART	462704.73	3773454.33	387.27	387.27
DISCCART	462701.10	3773445.75	386.98	386.98
DISCCART	462697.48	3773437.16	386.72	386.72
DISCCART	462693.85	3773428.58	386.52	386.52
DISCCART	462690.23	3773419.99	386.40	386.40
DISCCART	462686.60	3773411.40	386.36	386.36
DISCCART	462682.97	3773402.82	386.31	386.31
DISCCART	462679.35	3773394.23	386.18	386.18
DISCCART	462675.72	3773385.65	385.98	385.98
DISCCART	462672.10	3773377.06	385.69	385.69
DISCCART	462668.47	3773368.47	385.43	385.43
DISCCART	462664.85	3773359.89	385.26	385.26
DISCCART	462661.22	3773351.30	385.23	385.23
DISCCART	462657.60	3773342.72	385.22	385.22
DISCCART	462653.97	3773334.13	385.14	385.14
DISCCART	462650.34	3773325.54	384.99	384.99
DISCCART	462646.72	3773316.96	384.93	384.93
DISCCART	462643.09	3773308.37	384.93	384.93
DISCCART	462639.47	3773299.79	385.00	385.00
DISCCART	462635.84	3773291.20	385.00	385.00
DISCCART	462917.48	3773577.80	389.00	389.00
DISCCART	462908.87	3773574.26	389.00	389.00
DISCCART	462900.27	3773570.72	389.00	389.00
DISCCART	462891.67	3773567.18	389.00	389.00
DISCCART	462883.06	3773563.64	388.91	388.91
DISCCART	462874.46	3773560.10	388.79	388.79
DISCCART	462865.86	3773556.56	388.67	388.67
DISCCART	462857.26	3773553.02	388.56	388.56
DISCCART	462848.65	3773549.48	388.46	388.46
DISCCART	462840.05	3773545.94	388.54	388.54
DISCCART	462831.45	3773542.40	388.69	388.69
DISCCART	462822.85	3773538.86	388.90	388.90
DISCCART	462814.24	3773535.32	388.97	388.97
DISCCART	462805.64	3773531.77	388.85	388.85
DISCCART	462797.04	3773528.23	388.73	388.73
DISCCART	462788.43	3773524.69	388.61	388.61
DISCCART	462779.83	3773521.15	388.49	388.49
DISCCART	462771.23	3773517.61	388.38	388.38
DISCCART	462762.63	3773514.07	388.26	388.26
DISCCART	462754.02	3773510.53	388.14	388.14
DISCCART	462745.42	3773506.99	388.02	388.02
DISCCART	462736.82	3773503.45	388.00	388.00
DISCCART	462728.21	3773499.91	388.00	388.00
DISCCART	462719.61	3773496.37	388.00	388.00
DISCCART	462711.01	3773492.83	388.00	388.00
DISCCART	462702.41	3773489.29	388.00	388.00
DISCCART	462674.57	3773454.23	387.26	387.26

DISCCART	462670.95	3773445.66	387.00	387.00
DISCCART	462667.33	3773437.09	387.00	387.00
DISCCART	462663.71	3773428.52	387.00	387.00
DISCCART	462660.10	3773419.95	387.00	387.00
DISCCART	462656.48	3773411.38	386.83	386.83
DISCCART	462652.86	3773402.81	386.55	386.55
DISCCART	462649.24	3773394.24	386.26	386.26
DISCCART	462645.62	3773385.67	386.00	386.00
DISCCART	462642.00	3773377.10	385.98	385.98
DISCCART	462638.38	3773368.53	386.00	386.00
DISCCART	462634.76	3773359.96	386.00	386.00
DISCCART	462631.14	3773351.39	385.84	385.84
DISCCART	462627.53	3773342.82	385.55	385.55
DISCCART	462605.81	3773291.40	385.00	385.00
DISCCART	462602.19	3773282.83	385.00	385.00
DISCCART	462598.57	3773274.26	385.00	385.00
DISCCART	462917.47	3773607.80	389.28	389.28
DISCCART	462908.83	3773604.24	389.26	389.26
DISCCART	462900.19	3773600.69	389.15	389.15
DISCCART	462891.56	3773597.13	389.03	389.03
DISCCART	462882.92	3773593.58	389.00	389.00
DISCCART	462874.28	3773590.02	389.14	389.14
DISCCART	462865.64	3773586.47	389.31	389.31
DISCCART	462857.00	3773582.91	389.42	389.42
DISCCART	462848.36	3773579.36	389.43	389.43
DISCCART	462839.72	3773575.80	389.32	389.32
DISCCART	462831.09	3773572.25	389.20	389.20
DISCCART	462822.45	3773568.69	389.08	389.08
DISCCART	462813.81	3773565.14	389.00	389.00
DISCCART	462805.17	3773561.58	389.00	389.00
DISCCART	462796.53	3773558.03	389.00	389.00
DISCCART	462787.89	3773554.47	389.00	389.00
DISCCART	462779.26	3773550.92	389.00	389.00
DISCCART	462770.62	3773547.36	389.00	389.00
DISCCART	462761.98	3773543.81	389.00	389.00
DISCCART	462753.34	3773540.25	389.00	389.00
DISCCART	462744.70	3773536.70	389.00	389.00
DISCCART	462736.06	3773533.14	388.89	388.89
DISCCART	462727.43	3773529.59	388.78	388.78
DISCCART	462718.79	3773526.03	388.66	388.66
DISCCART	462710.15	3773522.48	388.54	388.54
DISCCART	462701.51	3773518.92	388.42	388.42
DISCCART	462692.87	3773515.37	388.30	388.30
DISCCART	462684.23	3773511.81	388.18	388.18
DISCCART	462675.60	3773508.26	388.06	388.06
DISCCART	462666.96	3773504.70	388.00	388.00
DISCCART	462661.88	3773495.50	388.00	388.00
DISCCART	462647.35	3773461.08	387.49	387.49
DISCCART	462643.71	3773452.48	387.20	387.20
DISCCART	462640.08	3773443.87	387.00	387.00
DISCCART	462636.45	3773435.27	387.00	387.00
DISCCART	462632.81	3773426.66	387.00	387.00
DISCCART	462629.18	3773418.05	387.00	387.00
DISCCART	462607.38	3773366.42	386.03	386.03
DISCCART	462603.74	3773357.82	386.01	386.01
DISCCART	462600.11	3773349.21	385.84	385.84
DISCCART	462596.47	3773340.60	385.71	385.71
DISCCART	462592.84	3773332.00	385.64	385.64
DISCCART	462589.21	3773323.39	385.61	385.61
DISCCART	462585.57	3773314.79	385.49	385.49
DISCCART	462581.94	3773306.18	385.30	385.30
DISCCART	462578.31	3773297.58	385.04	385.04
DISCCART	462574.67	3773288.97	385.00	385.00
DISCCART	462571.04	3773280.37	385.00	385.00
DISCCART	462917.47	3773637.80	389.84	389.84
DISCCART	462908.85	3773634.25	390.00	390.00

DISCCART	462900.23	3773630.70	390.00	390.00
DISCCART	462891.60	3773627.15	390.00	390.00
DISCCART	462882.98	3773623.60	389.91	389.91
DISCCART	462874.36	3773620.05	389.83	389.83
DISCCART	462865.73	3773616.51	389.82	389.82
DISCCART	462857.11	3773612.96	389.89	389.89
DISCCART	462848.49	3773609.41	390.00	390.00
DISCCART	462839.86	3773605.86	390.00	390.00
DISCCART	462831.24	3773602.31	390.00	390.00
DISCCART	462822.62	3773598.76	390.00	390.00
DISCCART	462813.99	3773595.21	389.96	389.96
DISCCART	462805.37	3773591.66	389.84	389.84
DISCCART	462796.75	3773588.12	389.73	389.73
DISCCART	462788.12	3773584.57	389.61	389.61
DISCCART	462779.50	3773581.02	389.49	389.49
DISCCART	462770.88	3773577.47	389.37	389.37
DISCCART	462762.25	3773573.92	389.25	389.25
DISCCART	462753.63	3773570.37	389.13	389.13
DISCCART	462745.01	3773566.82	389.02	389.02
DISCCART	462736.38	3773563.27	389.00	389.00
DISCCART	462727.76	3773559.72	389.00	389.00
DISCCART	462719.14	3773556.18	389.00	389.00
DISCCART	462710.51	3773552.63	389.00	389.00
DISCCART	462701.89	3773549.08	389.00	389.00
DISCCART	462693.27	3773545.53	389.00	389.00
DISCCART	462684.64	3773541.98	389.00	389.00
DISCCART	462676.02	3773538.43	389.00	389.00
DISCCART	462667.40	3773534.88	388.95	388.95
DISCCART	462658.77	3773531.33	388.83	388.83
DISCCART	462650.15	3773527.79	388.72	388.72
DISCCART	462642.59	3773521.12	388.49	388.49
DISCCART	462638.96	3773512.53	388.21	388.21
DISCCART	462635.33	3773503.94	388.00	388.00
DISCCART	462631.71	3773495.35	388.00	388.00
DISCCART	462606.31	3773435.22	387.00	387.00
DISCCART	462602.69	3773426.63	387.00	387.00
DISCCART	462599.06	3773418.04	387.00	387.00
DISCCART	462595.43	3773409.45	386.88	386.88
DISCCART	462591.80	3773400.86	386.79	386.79
DISCCART	462588.18	3773392.27	386.77	386.77
DISCCART	462584.55	3773383.68	386.76	386.76
DISCCART	462580.92	3773375.09	386.60	386.60
DISCCART	462577.29	3773366.49	386.34	386.34
DISCCART	462573.67	3773357.90	386.05	386.05
DISCCART	462570.04	3773349.31	386.00	386.00
DISCCART	462566.41	3773340.72	386.00	386.00
DISCCART	462562.78	3773332.13	386.00	386.00
DISCCART	462559.16	3773323.54	385.91	385.91
DISCCART	462555.53	3773314.95	385.62	385.62
DISCCART	462551.90	3773306.36	385.33	385.33
DISCCART	462548.27	3773297.77	385.05	385.05
DISCCART	462544.65	3773289.18	385.00	385.00
DISCCART	462541.02	3773280.59	385.00	385.00
DISCCART	462917.47	3773667.80	390.00	390.00
DISCCART	462908.82	3773664.24	390.01	390.01
DISCCART	462900.16	3773660.67	390.05	390.05
DISCCART	462891.51	3773657.11	390.02	390.02
DISCCART	462882.86	3773653.55	390.00	390.00
DISCCART	462874.21	3773649.99	390.14	390.14
DISCCART	462865.55	3773646.43	390.31	390.31
DISCCART	462856.90	3773642.87	390.42	390.42
DISCCART	462848.25	3773639.31	390.43	390.43
DISCCART	462839.60	3773635.75	390.31	390.31
DISCCART	462830.94	3773632.19	390.20	390.20
DISCCART	462822.29	3773628.63	390.08	390.08
DISCCART	462813.64	3773625.07	390.00	390.00

DISCCART	462804.99	3773621.51	390.00	390.00
DISCCART	462796.33	3773617.95	390.00	390.00
DISCCART	462787.68	3773614.38	390.00	390.00
DISCCART	462779.03	3773610.82	390.00	390.00
DISCCART	462770.38	3773607.26	390.00	390.00
DISCCART	462761.72	3773603.70	390.00	390.00
DISCCART	462753.07	3773600.14	390.00	390.00
DISCCART	462744.42	3773596.58	390.00	390.00
DISCCART	462735.77	3773593.02	389.89	389.89
DISCCART	462727.11	3773589.46	389.77	389.77
DISCCART	462718.46	3773585.90	389.65	389.65
DISCCART	462709.81	3773582.34	389.53	389.53
DISCCART	462701.16	3773578.78	389.41	389.41
DISCCART	462692.50	3773575.22	389.30	389.30
DISCCART	462683.85	3773571.65	389.18	389.18
DISCCART	462675.20	3773568.09	389.06	389.06
DISCCART	462666.55	3773564.53	389.00	389.00
DISCCART	462657.90	3773560.97	389.00	389.00
DISCCART	462649.24	3773557.41	389.00	389.00
DISCCART	462640.59	3773553.85	389.00	389.00
DISCCART	462631.94	3773550.29	389.00	389.00
DISCCART	462604.48	3773502.19	388.00	388.00
DISCCART	462600.84	3773493.58	388.00	388.00
DISCCART	462597.20	3773484.96	388.00	388.00
DISCCART	462586.28	3773459.10	387.43	387.43
DISCCART	462582.64	3773450.48	387.14	387.14
DISCCART	462579.00	3773441.86	387.02	387.02
DISCCART	462575.36	3773433.24	387.08	387.08
DISCCART	462571.72	3773424.62	387.07	387.07
DISCCART	462568.08	3773416.00	387.00	387.00
DISCCART	462564.44	3773407.38	387.00	387.00
DISCCART	462560.80	3773398.76	387.00	387.00
DISCCART	462557.16	3773390.14	387.00	387.00
DISCCART	462553.52	3773381.52	386.84	386.84
DISCCART	462549.88	3773372.90	386.55	386.55
DISCCART	462546.24	3773364.28	386.26	386.26
DISCCART	462542.60	3773355.66	386.00	386.00
DISCCART	462538.96	3773347.04	386.00	386.00
DISCCART	462535.33	3773338.42	386.00	386.00
DISCCART	462531.69	3773329.80	386.00	386.00
DISCCART	462528.05	3773321.19	385.83	385.83
DISCCART	462524.41	3773312.57	385.54	385.54
DISCCART	462520.77	3773303.95	385.25	385.25
DISCCART	462517.13	3773295.33	385.00	385.00
DISCCART	462513.49	3773286.71	385.00	385.00
DISCCART	462509.85	3773278.09	385.00	385.00
DISCCART	462917.47	3773697.80	390.38	390.38
DISCCART	462908.83	3773694.24	390.28	390.28
DISCCART	462900.19	3773690.69	390.41	390.41
DISCCART	462891.56	3773687.13	390.61	390.61
DISCCART	462882.92	3773683.58	390.81	390.81
DISCCART	462874.28	3773680.02	390.83	390.83
DISCCART	462865.64	3773676.47	390.82	390.82
DISCCART	462857.00	3773672.91	390.89	390.89
DISCCART	462848.36	3773669.36	391.00	391.00
DISCCART	462839.72	3773665.80	391.00	391.00
DISCCART	462831.09	3773662.25	391.00	391.00
DISCCART	462822.45	3773658.69	391.00	391.00
DISCCART	462813.81	3773655.14	390.96	390.96
DISCCART	462805.17	3773651.58	390.84	390.84
DISCCART	462796.53	3773648.03	390.72	390.72
DISCCART	462787.89	3773644.47	390.60	390.60
DISCCART	462779.26	3773640.92	390.49	390.49
DISCCART	462770.62	3773637.36	390.37	390.37
DISCCART	462761.98	3773633.81	390.25	390.25
DISCCART	462753.34	3773630.25	390.13	390.13

DISCCART	462744.70	3773626.70	390.01	390.01
DISCCART	462736.06	3773623.14	390.00	390.00
DISCCART	462727.43	3773619.59	390.00	390.00
DISCCART	462718.79	3773616.03	390.00	390.00
DISCCART	462710.15	3773612.48	390.00	390.00
DISCCART	462701.51	3773608.92	390.00	390.00
DISCCART	462692.87	3773605.37	390.00	390.00
DISCCART	462684.23	3773601.81	390.00	390.00
DISCCART	462675.60	3773598.26	390.00	390.00
DISCCART	462666.96	3773594.70	389.95	389.95
DISCCART	462658.32	3773591.15	389.83	389.83
DISCCART	462649.68	3773587.59	389.71	389.71
DISCCART	462641.04	3773584.04	389.59	389.59
DISCCART	462632.40	3773580.48	389.47	389.47
DISCCART	462606.49	3773569.82	389.12	389.12
DISCCART	462599.75	3773562.30	389.00	389.00
DISCCART	462596.11	3773553.70	389.00	389.00
DISCCART	462592.48	3773545.09	389.00	389.00
DISCCART	462581.58	3773519.27	388.43	388.43
DISCCART	462577.94	3773510.67	388.19	388.19
DISCCART	462574.31	3773502.06	388.15	388.15
DISCCART	462570.68	3773493.46	388.17	388.17
DISCCART	462567.04	3773484.85	388.12	388.12
DISCCART	462556.14	3773459.04	387.88	387.88
DISCCART	462552.51	3773450.43	387.92	387.92
DISCCART	462548.87	3773441.82	387.85	387.85
DISCCART	462545.24	3773433.22	387.56	387.56
DISCCART	462541.61	3773424.61	387.28	387.28
DISCCART	462537.97	3773416.01	387.00	387.00
DISCCART	462534.34	3773407.40	387.00	387.00
DISCCART	462530.70	3773398.80	387.00	387.00
DISCCART	462527.07	3773390.19	387.00	387.00
DISCCART	462523.44	3773381.59	386.84	386.84
DISCCART	462519.80	3773372.98	386.55	386.55
DISCCART	462516.17	3773364.38	386.27	386.27
DISCCART	462512.53	3773355.77	386.00	386.00
DISCCART	462508.90	3773347.16	386.00	386.00
DISCCART	462505.27	3773338.56	386.00	386.00
DISCCART	462501.63	3773329.95	386.00	386.00
DISCCART	462498.00	3773321.35	385.83	385.83
DISCCART	462494.37	3773312.74	385.55	385.55
DISCCART	462490.73	3773304.14	385.26	385.26
DISCCART	462487.10	3773295.53	385.08	385.08
DISCCART	462483.46	3773286.93	385.14	385.14
DISCCART	462479.83	3773278.32	385.13	385.13
DISCCART	462917.47	3773727.80	391.00	391.00
DISCCART	462908.85	3773724.25	391.00	391.00
DISCCART	462900.22	3773720.70	391.00	391.00
DISCCART	462891.59	3773717.15	391.00	391.00
DISCCART	462882.97	3773713.60	390.99	390.99
DISCCART	462874.34	3773710.05	391.00	391.00
DISCCART	462865.72	3773706.50	391.00	391.00
DISCCART	462857.09	3773702.95	391.00	391.00
DISCCART	462848.46	3773699.40	391.00	391.00
DISCCART	462839.84	3773695.85	391.00	391.00
DISCCART	462831.21	3773692.30	391.00	391.00
DISCCART	462822.58	3773688.75	391.00	391.00
DISCCART	462813.96	3773685.20	391.00	391.00
DISCCART	462805.33	3773681.65	391.00	391.00
DISCCART	462796.71	3773678.10	391.00	391.00
DISCCART	462788.08	3773674.55	391.00	391.00
DISCCART	462779.45	3773671.00	391.00	391.00
DISCCART	462770.83	3773667.45	391.00	391.00
DISCCART	462762.20	3773663.90	391.00	391.00
DISCCART	462753.58	3773660.35	391.00	391.00
DISCCART	462744.95	3773656.80	391.00	391.00

DISCCART	462736.32	3773653.25	390.90	390.90
DISCCART	462727.70	3773649.70	390.78	390.78
DISCCART	462719.07	3773646.15	390.66	390.66
DISCCART	462710.45	3773642.60	390.54	390.54
DISCCART	462701.82	3773639.05	390.42	390.42
DISCCART	462693.19	3773635.50	390.31	390.31
DISCCART	462684.57	3773631.95	390.19	390.19
DISCCART	462675.94	3773628.40	390.07	390.07
DISCCART	462667.31	3773624.85	390.00	390.00
DISCCART	462658.69	3773621.30	390.00	390.00
DISCCART	462650.06	3773617.75	390.00	390.00
DISCCART	462641.44	3773614.20	390.00	390.00
DISCCART	462632.81	3773610.65	390.00	390.00
DISCCART	462606.93	3773600.00	390.00	390.00
DISCCART	462598.31	3773596.45	390.00	390.00
DISCCART	462589.68	3773592.90	389.89	389.89
DISCCART	462580.45	3773587.92	389.72	389.72
DISCCART	462576.82	3773579.32	389.43	389.43
DISCCART	462573.19	3773570.73	389.15	389.15
DISCCART	462569.56	3773562.14	389.00	389.00
DISCCART	462565.93	3773553.54	389.00	389.00
DISCCART	462562.31	3773544.95	389.00	389.00
DISCCART	462551.42	3773519.17	388.97	388.97
DISCCART	462547.79	3773510.58	389.00	389.00
DISCCART	462544.16	3773501.98	388.85	388.85
DISCCART	462540.53	3773493.39	388.57	388.57
DISCCART	462526.02	3773459.02	388.00	388.00
DISCCART	462522.39	3773450.42	388.00	388.00
DISCCART	462518.76	3773441.83	387.85	387.85
DISCCART	462515.13	3773433.24	387.56	387.56
DISCCART	462511.50	3773424.64	387.28	387.28
DISCCART	462507.88	3773416.05	387.00	387.00
DISCCART	462504.25	3773407.46	387.00	387.00
DISCCART	462500.62	3773398.86	387.00	387.00
DISCCART	462496.99	3773390.27	387.00	387.00
DISCCART	462493.36	3773381.68	386.84	386.84
DISCCART	462489.73	3773373.08	386.56	386.56
DISCCART	462486.10	3773364.49	386.27	386.27
DISCCART	462482.47	3773355.90	386.00	386.00
DISCCART	462478.85	3773347.30	386.00	386.00
DISCCART	462475.22	3773338.71	386.00	386.00
DISCCART	462471.59	3773330.12	386.00	386.00
DISCCART	462467.96	3773321.52	385.96	385.96
DISCCART	462464.33	3773312.93	385.93	385.93
DISCCART	462460.70	3773304.34	385.97	385.97
DISCCART	462457.07	3773295.74	385.98	385.98
DISCCART	462453.44	3773287.15	385.69	385.69
DISCCART	462449.82	3773278.56	385.41	385.41
DISCCART	462917.47	3773757.80	391.38	391.38
DISCCART	462908.82	3773754.24	391.26	391.26
DISCCART	462900.17	3773750.68	391.14	391.14
DISCCART	462891.52	3773747.12	391.03	391.03
DISCCART	462882.87	3773743.56	391.00	391.00
DISCCART	462874.22	3773740.00	391.14	391.14
DISCCART	462865.57	3773736.44	391.31	391.31
DISCCART	462856.92	3773732.88	391.42	391.42
DISCCART	462848.27	3773729.32	391.43	391.43
DISCCART	462839.62	3773725.76	391.31	391.31
DISCCART	462830.97	3773722.20	391.20	391.20
DISCCART	462822.32	3773718.64	391.08	391.08
DISCCART	462813.67	3773715.08	391.00	391.00
DISCCART	462805.02	3773711.52	391.00	391.00
DISCCART	462796.37	3773707.96	391.00	391.00
DISCCART	462787.72	3773704.40	391.04	391.04
DISCCART	462779.07	3773700.84	391.17	391.17
DISCCART	462770.42	3773697.28	391.23	391.23

DISCCART	462761.77	3773693.72	391.23	391.23
DISCCART	462753.12	3773690.16	391.13	391.13
DISCCART	462744.47	3773686.60	391.01	391.01
DISCCART	462735.82	3773683.04	391.00	391.00
DISCCART	462727.17	3773679.48	391.00	391.00
DISCCART	462718.52	3773675.92	391.00	391.00
DISCCART	462709.87	3773672.36	391.00	391.00
DISCCART	462701.22	3773668.80	391.00	391.00
DISCCART	462692.57	3773665.24	391.00	391.00
DISCCART	462683.92	3773661.68	391.00	391.00
DISCCART	462675.27	3773658.12	391.00	391.00
DISCCART	462666.62	3773654.56	390.94	390.94
DISCCART	462657.97	3773651.00	390.82	390.82
DISCCART	462649.32	3773647.44	390.70	390.70
DISCCART	462640.67	3773643.88	390.58	390.58
DISCCART	462632.02	3773640.32	390.47	390.47
DISCCART	462606.07	3773629.64	390.11	390.11
DISCCART	462597.42	3773626.08	390.00	390.00
DISCCART	462588.77	3773622.52	390.00	390.00
DISCCART	462580.12	3773618.97	390.00	390.00
DISCCART	462571.47	3773615.41	390.00	390.00
DISCCART	462562.82	3773611.85	390.00	390.00
DISCCART	462556.91	3773603.48	390.00	390.00
DISCCART	462553.27	3773594.86	389.95	389.95
DISCCART	462549.63	3773586.24	389.66	389.66
DISCCART	462545.99	3773577.63	389.45	389.45
DISCCART	462542.35	3773569.01	389.31	389.31
DISCCART	462538.71	3773560.39	389.29	389.29
DISCCART	462520.52	3773517.31	389.00	389.00
DISCCART	462516.88	3773508.69	389.00	389.00
DISCCART	462513.24	3773500.07	388.79	388.79
DISCCART	462509.60	3773491.46	388.50	388.50
DISCCART	462495.05	3773456.99	388.00	388.00
DISCCART	462491.41	3773448.37	388.00	388.00
DISCCART	462487.77	3773439.75	387.78	387.78
DISCCART	462484.13	3773431.14	387.49	387.49
DISCCART	462480.49	3773422.52	387.21	387.21
DISCCART	462476.85	3773413.90	387.00	387.00
DISCCART	462473.22	3773405.29	387.00	387.00
DISCCART	462469.58	3773396.67	387.00	387.00
DISCCART	462465.94	3773388.05	387.00	387.00
DISCCART	462462.30	3773379.44	386.77	386.77
DISCCART	462458.66	3773370.82	386.50	386.50
DISCCART	462455.02	3773362.20	386.32	386.32
DISCCART	462451.38	3773353.58	386.25	386.25
DISCCART	462447.74	3773344.97	386.25	386.25
DISCCART	462444.11	3773336.35	386.17	386.17
DISCCART	462440.47	3773327.73	386.03	386.03
DISCCART	462436.83	3773319.12	386.00	386.00
DISCCART	462433.19	3773310.50	386.00	386.00
DISCCART	462429.55	3773301.88	386.00	386.00
DISCCART	462425.91	3773293.26	385.90	385.90
DISCCART	462422.27	3773284.65	385.61	385.61
DISCCART	462418.63	3773276.03	385.32	385.32
DISCCART	462917.47	3773787.80	392.00	392.00
DISCCART	462908.83	3773784.24	392.00	392.00
DISCCART	462900.19	3773780.69	392.00	392.00
DISCCART	462891.56	3773777.13	392.00	392.00
DISCCART	462882.92	3773773.58	391.91	391.91
DISCCART	462874.28	3773770.02	391.83	391.83
DISCCART	462865.64	3773766.47	391.82	391.82
DISCCART	462857.00	3773762.91	391.89	391.89
DISCCART	462848.36	3773759.36	392.00	392.00
DISCCART	462839.72	3773755.80	392.00	392.00
DISCCART	462831.09	3773752.25	392.00	392.00
DISCCART	462822.45	3773748.69	392.00	392.00

DISCCART	462813.81	3773745.14	391.96	391.96
DISCCART	462805.17	3773741.58	391.84	391.84
DISCCART	462796.53	3773738.03	391.72	391.72
DISCCART	462787.89	3773734.47	391.63	391.63
DISCCART	462779.26	3773730.92	391.66	391.66
DISCCART	462770.62	3773727.36	391.77	391.77
DISCCART	462761.98	3773723.81	391.94	391.94
DISCCART	462753.34	3773720.25	392.00	392.00
DISCCART	462744.70	3773716.70	392.00	392.00
DISCCART	462736.06	3773713.14	391.89	391.89
DISCCART	462727.43	3773709.59	391.78	391.78
DISCCART	462718.79	3773706.03	391.66	391.66
DISCCART	462710.15	3773702.48	391.54	391.54
DISCCART	462701.51	3773698.92	391.42	391.42
DISCCART	462692.87	3773695.37	391.30	391.30
DISCCART	462684.23	3773691.81	391.18	391.18
DISCCART	462675.60	3773688.26	391.06	391.06
DISCCART	462666.96	3773684.70	391.00	391.00
DISCCART	462658.32	3773681.15	391.00	391.00
DISCCART	462649.68	3773677.59	391.00	391.00
DISCCART	462641.04	3773674.04	391.00	391.00
DISCCART	462632.40	3773670.48	391.00	391.00
DISCCART	462606.49	3773659.82	391.00	391.00
DISCCART	462597.85	3773656.26	391.00	391.00
DISCCART	462589.21	3773652.71	390.88	390.88
DISCCART	462580.57	3773649.15	390.76	390.76
DISCCART	462571.94	3773645.60	390.64	390.64
DISCCART	462563.30	3773642.04	390.52	390.52
DISCCART	462554.66	3773638.49	390.41	390.41
DISCCART	462546.02	3773634.93	390.29	390.29
DISCCART	462538.22	3773630.53	390.14	390.14
DISCCART	462520.05	3773587.51	390.00	390.00
DISCCART	462516.41	3773578.90	390.00	390.00
DISCCART	462512.78	3773570.30	390.00	390.00
DISCCART	462509.15	3773561.69	389.85	389.85
DISCCART	462505.51	3773553.08	389.56	389.56
DISCCART	462501.88	3773544.48	389.27	389.27
DISCCART	462490.98	3773518.66	389.00	389.00
DISCCART	462487.34	3773510.06	389.00	389.00
DISCCART	462483.71	3773501.45	388.84	388.84
DISCCART	462480.07	3773492.85	388.55	388.55
DISCCART	462465.54	3773458.42	388.00	388.00
DISCCART	462461.91	3773449.82	388.00	388.00
DISCCART	462458.27	3773441.21	387.84	387.84
DISCCART	462454.64	3773432.61	387.62	387.62
DISCCART	462451.00	3773424.00	387.47	387.47
DISCCART	462447.37	3773415.40	387.40	387.40
DISCCART	462443.74	3773406.79	387.36	387.36
DISCCART	462440.10	3773398.19	387.26	387.26
DISCCART	462436.47	3773389.58	387.08	387.08
DISCCART	462432.83	3773380.97	386.98	386.98
DISCCART	462429.20	3773372.37	387.00	387.00
DISCCART	462425.57	3773363.76	387.00	387.00
DISCCART	462421.93	3773355.16	386.96	386.96
DISCCART	462418.30	3773346.55	386.67	386.67
DISCCART	462414.67	3773337.95	386.39	386.39
DISCCART	462411.03	3773329.34	386.10	386.10
DISCCART	462407.40	3773320.74	386.00	386.00
DISCCART	462403.76	3773312.13	386.00	386.00
DISCCART	462400.13	3773303.52	386.00	386.00
DISCCART	462396.50	3773294.92	385.95	385.95
DISCCART	462917.47	3773817.80	392.38	392.38
DISCCART	462908.84	3773814.25	392.26	392.26
DISCCART	462900.22	3773810.70	392.15	392.15
DISCCART	462891.59	3773807.15	392.03	392.03
DISCCART	462882.96	3773803.60	392.00	392.00

DISCCART	462874.33	3773800.04	392.00	392.00
DISCCART	462865.70	3773796.49	392.00	392.00
DISCCART	462857.08	3773792.94	392.00	392.00
DISCCART	462848.45	3773789.39	392.02	392.02
DISCCART	462839.82	3773785.84	392.10	392.10
DISCCART	462831.19	3773782.29	392.12	392.12
DISCCART	462822.56	3773778.74	392.07	392.07
DISCCART	462813.94	3773775.19	392.00	392.00
DISCCART	462805.31	3773771.64	392.00	392.00
DISCCART	462796.68	3773768.09	392.00	392.00
DISCCART	462788.05	3773764.54	392.00	392.00
DISCCART	462779.42	3773760.99	392.00	392.00
DISCCART	462770.80	3773757.43	392.00	392.00
DISCCART	462762.17	3773753.88	392.00	392.00
DISCCART	462753.54	3773750.33	392.00	392.00
DISCCART	462744.91	3773746.78	392.00	392.00
DISCCART	462736.28	3773743.23	392.00	392.00
DISCCART	462727.65	3773739.68	392.00	392.00
DISCCART	462719.03	3773736.13	392.00	392.00
DISCCART	462710.40	3773732.58	392.00	392.00
DISCCART	462701.77	3773729.03	392.00	392.00
DISCCART	462693.14	3773725.48	392.00	392.00
DISCCART	462684.51	3773721.93	392.00	392.00
DISCCART	462675.89	3773718.38	392.00	392.00
DISCCART	462667.26	3773714.83	391.95	391.95
DISCCART	462658.63	3773711.27	391.83	391.83
DISCCART	462650.00	3773707.72	391.71	391.71
DISCCART	462641.37	3773704.17	391.59	391.59
DISCCART	462632.75	3773700.62	391.48	391.48
DISCCART	462606.86	3773689.97	391.12	391.12
DISCCART	462598.23	3773686.42	391.00	391.00
DISCCART	462589.61	3773682.87	391.00	391.00
DISCCART	462580.98	3773679.32	391.00	391.00
DISCCART	462572.35	3773675.77	391.00	391.00
DISCCART	462563.72	3773672.22	391.00	391.00
DISCCART	462555.09	3773668.67	391.00	391.00
DISCCART	462546.47	3773665.11	391.00	391.00
DISCCART	462537.84	3773661.56	391.00	391.00
DISCCART	462529.21	3773658.01	391.00	391.00
DISCCART	462520.58	3773654.46	390.94	390.94
DISCCART	462514.68	3773646.12	390.72	390.72
DISCCART	462511.05	3773637.52	390.55	390.55
DISCCART	462507.42	3773628.93	390.46	390.46
DISCCART	462500.16	3773611.74	390.33	390.33
DISCCART	462496.53	3773603.14	390.17	390.17
DISCCART	462492.90	3773594.54	390.00	390.00
DISCCART	462489.27	3773585.95	390.00	390.00
DISCCART	462485.64	3773577.35	390.00	390.00
DISCCART	462482.02	3773568.76	390.00	390.00
DISCCART	462478.39	3773560.16	389.79	389.79
DISCCART	462474.76	3773551.57	389.51	389.51
DISCCART	462471.13	3773542.97	389.22	389.22
DISCCART	462460.24	3773517.19	389.00	389.00
DISCCART	462456.61	3773508.59	389.00	389.00
DISCCART	462452.98	3773500.00	388.84	388.84
DISCCART	462449.35	3773491.40	388.67	388.67
DISCCART	462434.83	3773457.02	388.29	388.29
DISCCART	462431.20	3773448.43	388.07	388.07
DISCCART	462427.57	3773439.83	388.00	388.00
DISCCART	462423.94	3773431.24	388.00	388.00
DISCCART	462420.31	3773422.64	388.00	388.00
DISCCART	462416.68	3773414.04	387.92	387.92
DISCCART	462413.05	3773405.45	387.64	387.64
DISCCART	462409.43	3773396.85	387.35	387.35
DISCCART	462405.80	3773388.26	387.06	387.06
DISCCART	462402.17	3773379.66	387.00	387.00

DISCCART	462398.54	3773371.07	387.00	387.00
DISCCART	462917.47	3773847.80	393.00	393.00
DISCCART	462908.82	3773844.24	393.00	393.00
DISCCART	462900.17	3773840.68	393.00	393.00
DISCCART	462891.52	3773837.12	393.00	393.00
DISCCART	462882.88	3773833.56	392.91	392.91
DISCCART	462874.23	3773830.00	392.79	392.79
DISCCART	462865.58	3773826.44	392.67	392.67
DISCCART	462856.93	3773822.88	392.55	392.55
DISCCART	462848.28	3773819.32	392.46	392.46
DISCCART	462839.63	3773815.77	392.54	392.54
DISCCART	462830.99	3773812.21	392.70	392.70
DISCCART	462822.34	3773808.65	392.92	392.92
DISCCART	462813.69	3773805.09	392.96	392.96
DISCCART	462805.04	3773801.53	392.84	392.84
DISCCART	462796.39	3773797.97	392.72	392.72
DISCCART	462787.75	3773794.41	392.60	392.60
DISCCART	462779.10	3773790.85	392.48	392.48
DISCCART	462770.45	3773787.29	392.37	392.37
DISCCART	462761.80	3773783.73	392.25	392.25
DISCCART	462753.15	3773780.17	392.13	392.13
DISCCART	462744.50	3773776.62	392.01	392.01
DISCCART	462735.86	3773773.06	392.00	392.00
DISCCART	462727.21	3773769.50	392.06	392.06
DISCCART	462718.56	3773765.94	392.24	392.24
DISCCART	462709.91	3773762.38	392.35	392.35
DISCCART	462701.26	3773758.82	392.39	392.39
DISCCART	462692.62	3773755.26	392.30	392.30
DISCCART	462683.97	3773751.70	392.18	392.18
DISCCART	462675.32	3773748.14	392.06	392.06
DISCCART	462666.67	3773744.58	392.00	392.00
DISCCART	462658.02	3773741.02	392.00	392.00
DISCCART	462649.37	3773737.47	392.00	392.00
DISCCART	462640.73	3773733.91	392.00	392.00
DISCCART	462632.08	3773730.35	392.00	392.00
DISCCART	462606.13	3773719.67	392.00	392.00
DISCCART	462597.49	3773716.11	391.99	391.99
DISCCART	462588.84	3773712.55	391.87	391.87
DISCCART	462580.19	3773708.99	391.76	391.76
DISCCART	462571.54	3773705.43	391.64	391.64
DISCCART	462562.89	3773701.87	391.52	391.52
DISCCART	462554.24	3773698.32	391.40	391.40
DISCCART	462545.60	3773694.76	391.28	391.28
DISCCART	462536.95	3773691.20	391.16	391.16
DISCCART	462528.30	3773687.64	391.04	391.04
DISCCART	462519.65	3773684.08	391.00	391.00
DISCCART	462511.00	3773680.52	391.23	391.23
DISCCART	462502.35	3773676.96	391.40	391.40
DISCCART	462494.77	3773670.28	391.39	391.39
DISCCART	462491.13	3773661.67	391.17	391.17
DISCCART	462487.49	3773653.05	391.00	391.00
DISCCART	462483.86	3773644.44	391.00	391.00
DISCCART	462480.22	3773635.82	391.00	391.00
DISCCART	462476.58	3773627.20	391.00	391.00
DISCCART	462469.30	3773609.97	390.45	390.45
DISCCART	462465.67	3773601.36	390.17	390.17
DISCCART	462462.03	3773592.74	390.00	390.00
DISCCART	462458.39	3773584.13	390.00	390.00
DISCCART	462454.75	3773575.51	390.00	390.00
DISCCART	462451.11	3773566.90	390.00	390.00
DISCCART	462447.48	3773558.28	389.73	389.73
DISCCART	462443.84	3773549.67	389.44	389.44
DISCCART	462440.20	3773541.05	389.16	389.16
DISCCART	462432.92	3773523.82	389.00	389.00
DISCCART	462429.29	3773515.21	389.00	389.00
DISCCART	462425.65	3773506.59	389.00	389.00

DISCCART	462422.01	3773497.97	389.00	389.00
DISCCART	462418.37	3773489.36	389.00	389.00
DISCCART	462403.82	3773454.90	388.29	388.29
DISCCART	462400.18	3773446.28	388.00	388.00
DISCCART	462917.47	3773887.80	393.72	393.72
DISCCART	462908.84	3773884.24	393.60	393.60
DISCCART	462900.20	3773880.69	393.48	393.48
DISCCART	462891.56	3773877.14	393.36	393.36
DISCCART	462882.93	3773873.58	393.24	393.24
DISCCART	462874.29	3773870.03	393.12	393.12
DISCCART	462865.66	3773866.48	393.00	393.00
DISCCART	462857.02	3773862.92	393.00	393.00
DISCCART	462848.39	3773859.37	393.03	393.03
DISCCART	462839.75	3773855.81	393.21	393.21
DISCCART	462831.12	3773852.26	393.33	393.33
DISCCART	462822.48	3773848.71	393.37	393.37
DISCCART	462813.85	3773845.15	393.29	393.29
DISCCART	462805.21	3773841.60	393.18	393.18
DISCCART	462796.58	3773838.05	393.06	393.06
DISCCART	462787.94	3773834.49	393.00	393.00
DISCCART	462779.31	3773830.94	393.00	393.00
DISCCART	462770.67	3773827.38	393.00	393.00
DISCCART	462762.04	3773823.83	393.00	393.00
DISCCART	462753.40	3773820.28	393.00	393.00
DISCCART	462744.76	3773816.72	393.00	393.00
DISCCART	462736.13	3773813.17	393.00	393.00
DISCCART	462727.49	3773809.61	393.00	393.00
DISCCART	462718.86	3773806.06	392.99	392.99
DISCCART	462710.22	3773802.51	392.96	392.96
DISCCART	462701.59	3773798.95	392.98	392.98
DISCCART	462692.95	3773795.40	393.00	393.00
DISCCART	462684.32	3773791.85	393.00	393.00
DISCCART	462675.68	3773788.29	393.00	393.00
DISCCART	462667.05	3773784.74	393.00	393.00
DISCCART	462658.41	3773781.18	393.00	393.00
DISCCART	462649.78	3773777.63	393.00	393.00
DISCCART	462641.14	3773774.08	392.92	392.92
DISCCART	462632.51	3773770.52	392.81	392.81
DISCCART	462597.96	3773756.31	392.33	392.33
DISCCART	462589.33	3773752.75	392.21	392.21
DISCCART	462580.69	3773749.20	392.10	392.10
DISCCART	462572.06	3773745.65	392.00	392.00
DISCCART	462563.42	3773742.09	392.00	392.00
DISCCART	462554.79	3773738.54	392.00	392.00
DISCCART	462546.15	3773734.99	392.00	392.00
DISCCART	462537.52	3773731.43	392.00	392.00
DISCCART	462528.88	3773727.88	392.00	392.00
DISCCART	462520.25	3773724.32	392.00	392.00
DISCCART	462511.61	3773720.77	392.00	392.00
DISCCART	462502.98	3773717.22	392.00	392.00
DISCCART	462494.34	3773713.66	391.99	391.99
DISCCART	462485.71	3773710.11	392.00	392.00
DISCCART	462477.07	3773706.56	392.00	392.00
DISCCART	462467.83	3773701.57	392.00	392.00
DISCCART	462464.20	3773692.97	392.00	392.00
DISCCART	462460.56	3773684.36	391.93	391.93
DISCCART	462456.93	3773675.76	391.65	391.65
DISCCART	462453.30	3773667.16	391.36	391.36
DISCCART	462449.67	3773658.56	391.07	391.07
DISCCART	462446.03	3773649.95	391.00	391.00
DISCCART	462442.40	3773641.35	391.00	391.00
DISCCART	462438.77	3773632.75	391.00	391.00
DISCCART	462427.87	3773606.94	390.39	390.39
DISCCART	462424.24	3773598.34	390.24	390.24
DISCCART	462420.61	3773589.74	390.24	390.24
DISCCART	462416.97	3773581.13	390.21	390.21

DISCCART	462413.34	3773572.53	390.11	390.11
DISCCART	462409.71	3773563.93	389.97	389.97
DISCCART	462406.08	3773555.33	389.92	389.92
DISCCART	462402.44	3773546.72	389.94	389.94
DISCCART	462398.81	3773538.12	390.00	390.00
DISCCART	462917.47	3773927.80	394.05	394.05
DISCCART	462908.82	3773924.24	394.00	394.00
DISCCART	462900.17	3773920.68	394.00	394.00
DISCCART	462891.52	3773917.12	394.00	394.00
DISCCART	462882.87	3773913.56	394.00	394.00
DISCCART	462874.22	3773910.00	394.00	394.00
DISCCART	462865.57	3773906.44	394.00	394.00
DISCCART	462856.92	3773902.88	394.00	394.00
DISCCART	462848.27	3773899.32	394.00	394.00
DISCCART	462839.62	3773895.76	393.99	393.99
DISCCART	462830.97	3773892.20	393.95	393.95
DISCCART	462822.32	3773888.64	393.98	393.98
DISCCART	462813.67	3773885.08	394.00	394.00
DISCCART	462805.02	3773881.52	394.00	394.00
DISCCART	462796.37	3773877.96	394.00	394.00
DISCCART	462787.72	3773874.40	394.00	394.00
DISCCART	462779.07	3773870.84	394.00	394.00
DISCCART	462770.42	3773867.28	394.00	394.00
DISCCART	462761.77	3773863.72	393.91	393.91
DISCCART	462753.12	3773860.16	393.79	393.79
DISCCART	462744.47	3773856.60	393.68	393.68
DISCCART	462735.82	3773853.04	393.56	393.56
DISCCART	462727.17	3773849.48	393.44	393.44
DISCCART	462718.52	3773845.92	393.32	393.32
DISCCART	462709.87	3773842.36	393.20	393.20
DISCCART	462701.22	3773838.80	393.08	393.08
DISCCART	462692.57	3773835.24	393.00	393.00
DISCCART	462683.92	3773831.68	393.00	393.00
DISCCART	462675.27	3773828.12	393.00	393.00
DISCCART	462666.62	3773824.56	393.06	393.06
DISCCART	462657.97	3773821.00	393.19	393.19
DISCCART	462649.32	3773817.44	393.25	393.25
DISCCART	462640.67	3773813.88	393.24	393.24
DISCCART	462632.02	3773810.32	393.13	393.13
DISCCART	462606.07	3773799.64	393.00	393.00
DISCCART	462597.42	3773796.08	393.00	393.00
DISCCART	462588.77	3773792.52	393.00	393.00
DISCCART	462580.12	3773788.97	393.00	393.00
DISCCART	462571.47	3773785.41	393.00	393.00
DISCCART	462562.82	3773781.85	393.00	393.00
DISCCART	462554.17	3773778.29	393.00	393.00
DISCCART	462545.52	3773774.73	392.95	392.95
DISCCART	462536.87	3773771.17	392.83	392.83
DISCCART	462502.27	3773756.93	392.35	392.35
DISCCART	462493.62	3773753.37	392.23	392.23
DISCCART	462484.97	3773749.81	392.25	392.25
DISCCART	462476.32	3773746.25	392.44	392.44
DISCCART	462467.67	3773742.69	392.64	392.64
DISCCART	462459.02	3773739.13	392.76	392.76
DISCCART	462450.37	3773735.57	392.64	392.64
DISCCART	462441.72	3773732.01	392.52	392.52
DISCCART	462436.64	3773722.80	392.22	392.22
DISCCART	462433.00	3773714.18	392.00	392.00
DISCCART	462429.36	3773705.56	392.00	392.00
DISCCART	462425.73	3773696.95	392.00	392.00
DISCCART	462422.09	3773688.33	392.00	392.00
DISCCART	462418.45	3773679.71	391.78	391.78
DISCCART	462414.81	3773671.10	391.49	391.49
DISCCART	462411.17	3773662.48	391.20	391.20
DISCCART	462407.53	3773653.86	391.00	391.00
DISCCART	462403.89	3773645.24	391.00	391.00

DISCCART	462400.25	3773636.63	391.00	391.00
DISCCART	462396.62	3773628.01	391.01	391.01
DISCCART	462385.70	3773602.16	391.00	391.00
DISCCART	462382.06	3773593.54	390.91	390.91
DISCCART	462378.42	3773584.93	390.62	390.62
DISCCART	462374.78	3773576.31	390.33	390.33
DISCCART	462371.14	3773567.69	390.05	390.05
DISCCART	462367.51	3773559.07	390.00	390.00
DISCCART	462363.87	3773550.46	390.00	390.00
DISCCART	462360.23	3773541.84	390.00	390.00
DISCCART	462356.59	3773533.22	389.90	389.90
DISCCART	462352.95	3773524.61	389.61	389.61
DISCCART	462349.31	3773515.99	389.32	389.32
DISCCART	462345.67	3773507.37	389.03	389.03
DISCCART	462342.04	3773498.76	389.00	389.00
DISCCART	462338.40	3773490.14	389.00	389.00
DISCCART	462917.47	3773967.80	395.00	395.00
DISCCART	462908.83	3773964.24	395.00	395.00
DISCCART	462900.19	3773960.69	395.00	395.00
DISCCART	462891.56	3773957.13	395.00	395.00
DISCCART	462882.92	3773953.58	394.91	394.91
DISCCART	462874.28	3773950.02	394.79	394.79
DISCCART	462865.64	3773946.47	394.67	394.67
DISCCART	462857.00	3773942.91	394.55	394.55
DISCCART	462848.36	3773939.36	394.46	394.46
DISCCART	462839.72	3773935.80	394.54	394.54
DISCCART	462831.09	3773932.25	394.69	394.69
DISCCART	462822.45	3773928.69	394.91	394.91
DISCCART	462813.81	3773925.14	394.96	394.96
DISCCART	462805.17	3773921.58	394.84	394.84
DISCCART	462796.53	3773918.03	394.72	394.72
DISCCART	462787.89	3773914.47	394.60	394.60
DISCCART	462779.26	3773910.92	394.49	394.49
DISCCART	462770.62	3773907.36	394.37	394.37
DISCCART	462761.98	3773903.81	394.25	394.25
DISCCART	462753.34	3773900.25	394.13	394.13
DISCCART	462744.70	3773896.70	394.01	394.01
DISCCART	462736.06	3773893.14	394.00	394.00
DISCCART	462727.43	3773889.59	394.00	394.00
DISCCART	462718.79	3773886.03	394.00	394.00
DISCCART	462710.15	3773882.48	394.00	394.00
DISCCART	462701.51	3773878.92	394.00	394.00
DISCCART	462692.87	3773875.37	394.00	394.00
DISCCART	462684.23	3773871.81	394.00	394.00
DISCCART	462675.60	3773868.26	394.00	394.00
DISCCART	462666.96	3773864.70	393.95	393.95
DISCCART	462658.32	3773861.15	393.89	393.89
DISCCART	462649.68	3773857.59	393.90	393.90
DISCCART	462641.04	3773854.04	393.98	393.98
DISCCART	462632.40	3773850.48	394.00	394.00
DISCCART	462606.49	3773839.82	394.00	394.00
DISCCART	462597.85	3773836.26	394.00	394.00
DISCCART	462589.21	3773832.71	393.88	393.88
DISCCART	462580.57	3773829.15	393.76	393.76
DISCCART	462571.94	3773825.60	393.64	393.64
DISCCART	462563.30	3773822.04	393.52	393.52
DISCCART	462554.66	3773818.49	393.41	393.41
DISCCART	462546.02	3773814.93	393.29	393.29
DISCCART	462537.38	3773811.38	393.17	393.17
DISCCART	462528.74	3773807.82	393.05	393.05
DISCCART	462520.11	3773804.27	393.00	393.00
DISCCART	462511.47	3773800.71	393.00	393.00
DISCCART	462502.83	3773797.16	393.00	393.00
DISCCART	462494.19	3773793.60	393.00	393.00
DISCCART	462485.55	3773790.05	393.00	393.00
DISCCART	462476.91	3773786.49	393.00	393.00

DISCCART	462468.27	3773782.94	393.00	393.00
DISCCART	462459.64	3773779.38	393.00	393.00
DISCCART	462451.00	3773775.83	393.00	393.00
DISCCART	462442.36	3773772.27	393.00	393.00
DISCCART	462409.70	3773754.09	393.00	393.00
DISCCART	462406.07	3773745.49	392.97	392.97
DISCCART	462402.44	3773736.88	392.68	392.68
DISCCART	462398.80	3773728.27	392.40	392.40
DISCCART	462395.17	3773719.67	392.11	392.11
DISCCART	462391.53	3773711.06	392.00	392.00
DISCCART	462387.90	3773702.46	392.00	392.00
DISCCART	462384.27	3773693.85	392.00	392.00
DISCCART	462380.63	3773685.25	391.99	391.99
DISCCART	462377.00	3773676.64	391.92	391.92
DISCCART	462373.36	3773668.04	391.92	391.92
DISCCART	462369.73	3773659.43	392.00	392.00
DISCCART	462366.10	3773650.83	391.82	391.82
DISCCART	462362.46	3773642.22	391.53	391.53
DISCCART	462358.83	3773633.61	391.24	391.24
DISCCART	462355.20	3773625.01	391.00	391.00
DISCCART	462351.56	3773616.40	391.00	391.00
DISCCART	462344.29	3773599.19	391.00	391.00
DISCCART	462340.66	3773590.59	390.81	390.81
DISCCART	462337.03	3773581.98	390.52	390.52
DISCCART	462333.39	3773573.38	390.23	390.23
DISCCART	462329.76	3773564.77	390.00	390.00
DISCCART	462326.12	3773556.16	390.00	390.00
DISCCART	462322.49	3773547.56	390.00	390.00
DISCCART	462318.86	3773538.95	390.00	390.00
DISCCART	462315.22	3773530.35	389.80	389.80
DISCCART	462311.59	3773521.74	389.51	389.51
DISCCART	462307.96	3773513.14	389.23	389.23
DISCCART	462304.32	3773504.53	389.00	389.00
DISCCART	462300.69	3773495.93	389.00	389.00
DISCCART	462917.47	3774007.80	395.53	395.53
DISCCART	462908.82	3774004.24	395.60	395.60
DISCCART	462900.17	3774000.68	395.48	395.48
DISCCART	462891.51	3773997.12	395.36	395.36
DISCCART	462882.86	3773993.56	395.24	395.24
DISCCART	462874.21	3773989.99	395.28	395.28
DISCCART	462865.56	3773986.43	395.47	395.47
DISCCART	462856.91	3773982.87	395.67	395.67
DISCCART	462848.26	3773979.31	395.77	395.77
DISCCART	462839.61	3773975.75	395.65	395.65
DISCCART	462830.96	3773972.19	395.53	395.53
DISCCART	462822.30	3773968.63	395.41	395.41
DISCCART	462813.65	3773965.07	395.29	395.29
DISCCART	462805.00	3773961.51	395.17	395.17
DISCCART	462796.35	3773957.95	395.05	395.05
DISCCART	462787.70	3773954.39	395.00	395.00
DISCCART	462779.05	3773950.83	395.00	395.00
DISCCART	462770.40	3773947.27	395.00	395.00
DISCCART	462761.74	3773943.71	395.00	395.00
DISCCART	462753.09	3773940.15	395.00	395.00
DISCCART	462744.44	3773936.59	395.00	395.00
DISCCART	462735.79	3773933.03	395.00	395.00
DISCCART	462727.14	3773929.47	395.00	395.00
DISCCART	462718.49	3773925.91	394.99	394.99
DISCCART	462709.84	3773922.35	394.87	394.87
DISCCART	462701.19	3773918.79	394.75	394.75
DISCCART	462692.53	3773915.23	394.63	394.63
DISCCART	462683.88	3773911.67	394.51	394.51
DISCCART	462675.23	3773908.11	394.39	394.39
DISCCART	462666.58	3773904.55	394.27	394.27
DISCCART	462657.93	3773900.99	394.16	394.16
DISCCART	462649.28	3773897.43	394.04	394.04

DISCCART	462640.63	3773893.87	394.00	394.00
DISCCART	462631.97	3773890.31	394.00	394.00
DISCCART	462606.02	3773879.62	394.05	394.05
DISCCART	462597.37	3773876.06	394.13	394.13
DISCCART	462588.72	3773872.50	394.14	394.14
DISCCART	462580.07	3773868.94	394.09	394.09
DISCCART	462571.42	3773865.38	394.00	394.00
DISCCART	462562.76	3773861.82	394.00	394.00
DISCCART	462554.11	3773858.26	394.00	394.00
DISCCART	462545.46	3773854.70	394.00	394.00
DISCCART	462536.81	3773851.14	394.00	394.00
DISCCART	462528.16	3773847.58	394.00	394.00
DISCCART	462519.51	3773844.02	394.00	394.00
DISCCART	462510.86	3773840.46	394.00	394.00
DISCCART	462502.21	3773836.90	394.00	394.00
DISCCART	462493.55	3773833.34	393.90	393.90
DISCCART	462484.90	3773829.78	393.78	393.78
DISCCART	462476.25	3773826.22	393.66	393.66
DISCCART	462467.60	3773822.66	393.54	393.54
DISCCART	462458.95	3773819.10	393.44	393.44
DISCCART	462450.30	3773815.54	393.52	393.52
DISCCART	462441.65	3773811.98	393.68	393.68
DISCCART	462432.99	3773808.42	393.90	393.90
DISCCART	462424.34	3773804.86	393.95	393.95
DISCCART	462415.69	3773801.30	393.83	393.83
DISCCART	462407.04	3773797.74	393.71	393.71
DISCCART	462398.39	3773794.18	393.59	393.59
DISCCART	462389.74	3773790.62	393.48	393.48
DISCCART	462382.15	3773783.93	393.25	393.25
DISCCART	462378.51	3773775.31	393.00	393.00
DISCCART	462367.59	3773749.46	393.00	393.00
DISCCART	462363.95	3773740.84	392.85	392.85
DISCCART	462360.32	3773732.22	392.68	392.68
DISCCART	462356.68	3773723.60	392.57	392.57
DISCCART	462353.04	3773714.99	392.53	392.53
DISCCART	462349.40	3773706.37	392.45	392.45
DISCCART	462345.76	3773697.75	392.30	392.30
DISCCART	462342.12	3773689.13	392.09	392.09
DISCCART	462338.48	3773680.51	392.00	392.00
DISCCART	462334.84	3773671.89	392.00	392.00
DISCCART	462331.20	3773663.27	392.00	392.00
DISCCART	462327.56	3773654.66	391.94	391.94
DISCCART	462323.92	3773646.04	391.66	391.66
DISCCART	462320.28	3773637.42	391.37	391.37
DISCCART	462316.64	3773628.80	391.08	391.08
DISCCART	462313.00	3773620.18	391.00	391.00
DISCCART	462302.09	3773594.33	390.93	390.93
DISCCART	462298.45	3773585.71	390.65	390.65
DISCCART	462294.81	3773577.09	390.36	390.36
DISCCART	462291.17	3773568.47	390.07	390.07
DISCCART	462287.53	3773559.85	390.00	390.00
DISCCART	462283.89	3773551.24	390.00	390.00
DISCCART	462280.25	3773542.62	390.00	390.00
DISCCART	462276.61	3773534.00	389.92	389.92
DISCCART	462272.97	3773525.38	389.63	389.63
DISCCART	462269.33	3773516.76	389.35	389.35
DISCCART	462265.69	3773508.14	389.06	389.06
DISCCART	462262.05	3773499.53	389.00	389.00
DISCCART	462258.42	3773490.91	389.00	389.00
DISCCART	462196.55	3773344.39	387.00	387.00
DISCCART	462192.91	3773335.78	387.00	387.00
DISCCART	462189.27	3773327.16	387.00	387.00
DISCCART	462900.19	3774040.69	396.00	396.00
DISCCART	462891.55	3774037.13	396.00	396.00
DISCCART	462882.91	3774033.57	396.00	396.00
DISCCART	462874.27	3774030.02	396.08	396.08

DISCCART	462865.62	3774026.46	396.16	396.16
DISCCART	462856.98	3774022.91	396.17	396.17
DISCCART	462848.34	3774019.35	396.10	396.10
DISCCART	462839.70	3774015.79	396.00	396.00
DISCCART	462831.06	3774012.24	396.00	396.00
DISCCART	462822.42	3774008.68	396.00	396.00
DISCCART	462813.78	3774005.12	396.00	396.00
DISCCART	462805.14	3774001.57	396.00	396.00
DISCCART	462796.50	3773998.01	396.00	396.00
DISCCART	462787.86	3773994.46	396.00	396.00
DISCCART	462779.22	3773990.90	396.00	396.00
DISCCART	462770.58	3773987.34	396.00	396.00
DISCCART	462761.93	3773983.79	395.92	395.92
DISCCART	462753.29	3773980.23	395.80	395.80
DISCCART	462744.65	3773976.68	395.68	395.68
DISCCART	462736.01	3773973.12	395.56	395.56
DISCCART	462727.37	3773969.56	395.44	395.44
DISCCART	462718.73	3773966.01	395.32	395.32
DISCCART	462710.09	3773962.45	395.20	395.20
DISCCART	462701.45	3773958.90	395.09	395.09
DISCCART	462692.81	3773955.34	395.00	395.00
DISCCART	462684.17	3773951.78	395.00	395.00
DISCCART	462675.53	3773948.23	395.00	395.00
DISCCART	462666.89	3773944.67	395.00	395.00
DISCCART	462658.24	3773941.12	395.00	395.00
DISCCART	462649.60	3773937.56	395.00	395.00
DISCCART	462640.96	3773934.00	395.00	395.00
DISCCART	462632.32	3773930.45	395.00	395.00
DISCCART	462606.40	3773919.78	394.81	394.81
DISCCART	462597.76	3773916.22	394.80	394.80
DISCCART	462589.12	3773912.67	394.86	394.86
DISCCART	462580.48	3773909.11	394.98	394.98
DISCCART	462571.84	3773905.56	395.00	395.00
DISCCART	462563.20	3773902.00	395.00	395.00
DISCCART	462554.55	3773898.44	395.00	395.00
DISCCART	462545.91	3773894.89	394.95	394.95
DISCCART	462537.27	3773891.33	394.83	394.83
DISCCART	462528.63	3773887.78	394.71	394.71
DISCCART	462519.99	3773884.22	394.60	394.60
DISCCART	462511.35	3773880.66	394.48	394.48
DISCCART	462502.71	3773877.11	394.36	394.36
DISCCART	462494.07	3773873.55	394.24	394.24
DISCCART	462485.43	3773870.00	394.12	394.12
DISCCART	462476.79	3773866.44	394.00	394.00
DISCCART	462468.15	3773862.88	394.00	394.00
DISCCART	462459.51	3773859.33	394.00	394.00
DISCCART	462450.87	3773855.77	394.00	394.00
DISCCART	462442.22	3773852.22	394.00	394.00
DISCCART	462433.58	3773848.66	394.00	394.00
DISCCART	462424.94	3773845.10	394.05	394.05
DISCCART	462416.30	3773841.55	394.08	394.08
DISCCART	462407.66	3773837.99	394.04	394.04
DISCCART	462399.02	3773834.44	394.00	394.00
DISCCART	462390.38	3773830.88	394.00	394.00
DISCCART	462381.74	3773827.32	394.00	394.00
DISCCART	462373.10	3773823.77	394.00	394.00
DISCCART	462364.46	3773820.21	394.00	394.00
DISCCART	462355.21	3773815.22	394.00	394.00
DISCCART	462351.58	3773806.61	394.00	394.00
DISCCART	462347.94	3773798.00	393.72	393.72
DISCCART	462344.31	3773789.40	393.44	393.44
DISCCART	462340.67	3773780.79	393.15	393.15
DISCCART	462337.04	3773772.18	393.07	393.07
DISCCART	462329.77	3773754.96	393.09	393.09
DISCCART	462326.13	3773746.36	393.00	393.00
DISCCART	462322.50	3773737.75	393.00	393.00

DISCCART	462318.86	3773729.14	393.00	393.00
DISCCART	462315.23	3773720.53	393.00	393.00
DISCCART	462311.59	3773711.92	392.85	392.85
DISCCART	462307.96	3773703.32	392.57	392.57
DISCCART	462304.32	3773694.71	392.28	392.28
DISCCART	462300.69	3773686.10	392.00	392.00
DISCCART	462297.05	3773677.49	392.00	392.00
DISCCART	462293.42	3773668.88	392.00	392.00
DISCCART	462289.78	3773660.28	392.00	392.00
DISCCART	462286.15	3773651.67	391.84	391.84
DISCCART	462282.51	3773643.06	391.56	391.56
DISCCART	462278.88	3773634.45	391.27	391.27
DISCCART	462275.24	3773625.85	391.00	391.00
DISCCART	462271.61	3773617.24	391.00	391.00
DISCCART	462264.34	3773600.02	391.00	391.00
DISCCART	462260.70	3773591.41	390.84	390.84
DISCCART	462257.07	3773582.81	390.55	390.55
DISCCART	462253.43	3773574.20	390.26	390.26
DISCCART	462249.80	3773565.59	390.00	390.00
DISCCART	462246.16	3773556.98	390.08	390.08
DISCCART	462242.53	3773548.37	390.10	390.10
DISCCART	462238.89	3773539.77	390.04	390.04
DISCCART	462235.26	3773531.16	389.91	389.91
DISCCART	462231.62	3773522.55	389.82	389.82
DISCCART	462227.99	3773513.94	389.79	389.79
DISCCART	462198.91	3773445.08	388.96	388.96
DISCCART	462195.28	3773436.47	388.67	388.67
DISCCART	462191.64	3773427.86	388.38	388.38
DISCCART	462188.01	3773419.25	388.10	388.10
DISCCART	462184.37	3773410.65	388.00	388.00
DISCCART	462180.74	3773402.04	388.00	388.00
DISCCART	462177.10	3773393.43	388.00	388.00
DISCCART	462173.47	3773384.82	387.95	387.95
DISCCART	462169.83	3773376.21	387.66	387.66
DISCCART	462166.20	3773367.61	387.38	387.38
DISCCART	462162.56	3773359.00	387.09	387.09
DISCCART	462158.93	3773350.39	387.02	387.02
DISCCART	462155.29	3773341.78	387.07	387.07
DISCCART	462151.66	3773333.17	387.06	387.06
DISCCART	462148.02	3773324.57	386.96	386.96
DISCCART	462804.99	3774041.51	396.84	396.84
DISCCART	462796.33	3774037.95	396.72	396.72
DISCCART	462787.68	3774034.38	396.60	396.60
DISCCART	462779.03	3774030.82	396.48	396.48
DISCCART	462770.38	3774027.26	396.36	396.36
DISCCART	462761.72	3774023.70	396.25	396.25
DISCCART	462753.07	3774020.14	396.13	396.13
DISCCART	462744.42	3774016.58	396.01	396.01
DISCCART	462735.77	3774013.02	396.00	396.00
DISCCART	462727.11	3774009.46	396.00	396.00
DISCCART	462718.46	3774005.90	396.00	396.00
DISCCART	462709.81	3774002.34	396.00	396.00
DISCCART	462701.16	3773998.78	396.00	396.00
DISCCART	462692.50	3773995.22	396.00	396.00
DISCCART	462683.85	3773991.65	396.00	396.00
DISCCART	462675.20	3773988.09	396.00	396.00
DISCCART	462666.55	3773984.53	395.94	395.94
DISCCART	462657.90	3773980.97	395.82	395.82
DISCCART	462649.24	3773977.41	395.70	395.70
DISCCART	462640.59	3773973.85	395.58	395.58
DISCCART	462631.94	3773970.29	395.47	395.47
DISCCART	462605.98	3773959.61	395.11	395.11
DISCCART	462597.33	3773956.05	395.00	395.00
DISCCART	462588.68	3773952.49	395.00	395.00
DISCCART	462580.02	3773948.93	395.00	395.00
DISCCART	462571.37	3773945.36	395.00	395.00

DISCCART	462562.72	3773941.80	395.00	395.00
DISCCART	462554.07	3773938.24	395.00	395.00
DISCCART	462545.41	3773934.68	395.04	395.04
DISCCART	462536.76	3773931.12	395.07	395.07
DISCCART	462528.11	3773927.56	395.03	395.03
DISCCART	462519.46	3773924.00	395.00	395.00
DISCCART	462510.80	3773920.44	395.00	395.00
DISCCART	462502.15	3773916.88	395.00	395.00
DISCCART	462493.50	3773913.32	395.00	395.00
DISCCART	462484.85	3773909.76	395.00	395.00
DISCCART	462476.19	3773906.20	395.00	395.00
DISCCART	462467.54	3773902.63	395.00	395.00
DISCCART	462458.89	3773899.07	395.00	395.00
DISCCART	462450.24	3773895.51	394.97	394.97
DISCCART	462441.58	3773891.95	394.85	394.85
DISCCART	462432.93	3773888.39	394.74	394.74
DISCCART	462424.28	3773884.83	394.69	394.69
DISCCART	462415.63	3773881.27	394.73	394.73
DISCCART	462406.98	3773877.71	394.85	394.85
DISCCART	462398.32	3773874.15	395.00	395.00
DISCCART	462389.67	3773870.59	395.00	395.00
DISCCART	462381.02	3773867.03	395.00	395.00
DISCCART	462372.37	3773863.47	394.90	394.90
DISCCART	462363.71	3773859.90	394.79	394.79
DISCCART	462355.06	3773856.34	394.67	394.67
DISCCART	462346.41	3773852.78	394.55	394.55
DISCCART	462337.76	3773849.22	394.43	394.43
DISCCART	462329.10	3773845.66	394.31	394.31
DISCCART	462324.02	3773836.45	394.00	394.00
DISCCART	462320.38	3773827.83	394.00	394.00
DISCCART	462316.74	3773819.21	394.00	394.00
DISCCART	462313.10	3773810.59	394.00	394.00
DISCCART	462309.46	3773801.97	394.00	394.00
DISCCART	462305.82	3773793.35	394.00	394.00
DISCCART	462302.18	3773784.73	394.00	394.00
DISCCART	462298.54	3773776.11	393.99	393.99
DISCCART	462287.62	3773750.25	393.13	393.13
DISCCART	462283.98	3773741.63	393.00	393.00
DISCCART	462280.34	3773733.01	393.00	393.00
DISCCART	462276.70	3773724.40	393.00	393.00
DISCCART	462273.06	3773715.78	392.98	392.98
DISCCART	462269.43	3773707.16	392.69	392.69
DISCCART	462265.79	3773698.54	392.41	392.41
DISCCART	462262.15	3773689.92	392.12	392.12
DISCCART	462258.51	3773681.30	392.00	392.00
DISCCART	462254.87	3773672.68	392.00	392.00
DISCCART	462251.23	3773664.06	392.00	392.00
DISCCART	462247.59	3773655.44	391.97	391.97
DISCCART	462243.95	3773646.82	391.68	391.68
DISCCART	462240.31	3773638.20	391.40	391.40
DISCCART	462236.67	3773629.58	391.11	391.11
DISCCART	462233.03	3773620.96	391.00	391.00
DISCCART	462163.87	3773457.19	389.00	389.00
DISCCART	462160.23	3773448.57	389.00	389.00
DISCCART	462156.59	3773439.95	388.79	388.79
DISCCART	462152.95	3773431.33	388.50	388.50
DISCCART	462149.31	3773422.71	388.21	388.21
DISCCART	462145.67	3773414.09	388.00	388.00
DISCCART	462142.03	3773405.47	388.00	388.00
DISCCART	462138.39	3773396.85	388.00	388.00
DISCCART	462134.75	3773388.23	388.00	388.00
DISCCART	462131.11	3773379.61	387.99	387.99
DISCCART	462127.48	3773371.00	388.00	388.00
DISCCART	462123.84	3773362.38	388.00	388.00
DISCCART	462120.20	3773353.76	387.91	387.91
DISCCART	462116.56	3773345.14	387.63	387.63

DISCCART	462112.92	3773336.52	387.34	387.34
DISCCART	462109.28	3773327.90	387.05	387.05
DISCCART	462105.64	3773319.28	387.00	387.00
DISCCART	462102.00	3773310.66	387.00	387.00
DISCCART	462098.36	3773302.04	387.00	387.00
DISCCART	462094.72	3773293.42	386.90	386.90
DISCCART	462091.08	3773284.80	386.62	386.62
DISCCART	462087.44	3773276.18	386.33	386.33
DISCCART	462813.76	3774085.11	397.06	397.06
DISCCART	462805.11	3774081.56	397.08	397.08
DISCCART	462710.04	3774042.43	396.87	396.87
DISCCART	462701.40	3774038.88	396.75	396.75
DISCCART	462692.76	3774035.32	396.63	396.63
DISCCART	462684.11	3774031.76	396.51	396.51
DISCCART	462675.47	3774028.21	396.40	396.40
DISCCART	462666.83	3774024.65	396.28	396.28
DISCCART	462658.18	3774021.09	396.16	396.16
DISCCART	462649.54	3774017.53	396.04	396.04
DISCCART	462640.90	3774013.98	396.00	396.00
DISCCART	462632.26	3774010.42	396.00	396.00
DISCCART	462606.33	3773999.75	396.00	396.00
DISCCART	462597.68	3773996.19	396.00	396.00
DISCCART	462589.04	3773992.64	396.00	396.00
DISCCART	462580.40	3773989.08	396.00	396.00
DISCCART	462571.76	3773985.52	395.97	395.97
DISCCART	462563.11	3773981.97	395.85	395.85
DISCCART	462554.47	3773978.41	395.74	395.74
DISCCART	462545.83	3773974.85	395.67	395.67
DISCCART	462537.18	3773971.30	395.71	395.71
DISCCART	462528.54	3773967.74	395.82	395.82
DISCCART	462519.90	3773964.18	395.99	395.99
DISCCART	462511.26	3773960.62	396.00	396.00
DISCCART	462502.61	3773957.07	396.00	396.00
DISCCART	462493.97	3773953.51	395.91	395.91
DISCCART	462485.33	3773949.95	395.79	395.79
DISCCART	462476.68	3773946.40	395.67	395.67
DISCCART	462468.04	3773942.84	395.55	395.55
DISCCART	462459.40	3773939.28	395.43	395.43
DISCCART	462450.76	3773935.73	395.31	395.31
DISCCART	462442.11	3773932.17	395.19	395.19
DISCCART	462433.47	3773928.61	395.08	395.08
DISCCART	462424.83	3773925.06	395.00	395.00
DISCCART	462416.18	3773921.50	395.00	395.00
DISCCART	462407.54	3773917.94	395.00	395.00
DISCCART	462398.90	3773914.39	395.02	395.02
DISCCART	462390.26	3773910.83	395.15	395.15
DISCCART	462381.61	3773907.27	395.22	395.22
DISCCART	462372.97	3773903.71	395.22	395.22
DISCCART	462364.33	3773900.16	395.13	395.13
DISCCART	462355.68	3773896.60	395.01	395.01
DISCCART	462347.04	3773893.04	395.00	395.00
DISCCART	462338.40	3773889.49	395.00	395.00
DISCCART	462329.76	3773885.93	395.00	395.00
DISCCART	462321.11	3773882.37	395.00	395.00
DISCCART	462293.45	3773859.13	394.89	394.89
DISCCART	462289.81	3773850.52	394.82	394.82
DISCCART	462286.18	3773841.91	394.82	394.82
DISCCART	462282.54	3773833.30	394.81	394.81
DISCCART	462278.90	3773824.69	394.61	394.61
DISCCART	462275.27	3773816.08	394.32	394.32
DISCCART	462271.63	3773807.47	394.04	394.04
DISCCART	462268.00	3773798.86	394.00	394.00
DISCCART	462264.36	3773790.25	394.00	394.00
DISCCART	462260.73	3773781.64	394.00	394.00
DISCCART	462257.09	3773773.03	393.89	393.89
DISCCART	462249.82	3773755.81	393.32	393.32

DISCCART	462246.18	3773747.20	393.03	393.03
DISCCART	462242.55	3773738.59	393.00	393.00
DISCCART	462238.91	3773729.98	393.00	393.00
DISCCART	462235.28	3773721.37	393.00	393.00
DISCCART	462231.64	3773712.76	392.88	392.88
DISCCART	462228.00	3773704.15	392.59	392.59
DISCCART	462224.37	3773695.54	392.31	392.31
DISCCART	462122.57	3773454.46	389.00	389.00
DISCCART	462118.93	3773445.85	388.98	388.98
DISCCART	462115.30	3773437.24	388.70	388.70
DISCCART	462111.66	3773428.63	388.41	388.41
DISCCART	462108.03	3773420.02	388.12	388.12
DISCCART	462104.39	3773411.41	388.00	388.00
DISCCART	462100.75	3773402.80	388.00	388.00
DISCCART	462097.12	3773394.19	388.02	388.02
DISCCART	462093.48	3773385.58	388.00	388.00
DISCCART	462089.85	3773376.97	388.00	388.00
DISCCART	462086.21	3773368.36	388.00	388.00
DISCCART	462082.58	3773359.75	388.00	388.00
DISCCART	462078.94	3773351.14	387.83	387.83
DISCCART	462075.30	3773342.53	387.54	387.54
DISCCART	462071.67	3773333.92	387.25	387.25
DISCCART	462053.49	3773290.87	386.82	386.82
DISCCART	462049.85	3773282.26	386.53	386.53
DISCCART	462813.63	3774125.06	397.70	397.70
DISCCART	462804.97	3774121.50	397.75	397.75
DISCCART	462796.32	3774117.94	397.86	397.86
DISCCART	462787.67	3774114.38	398.00	398.00
DISCCART	462779.01	3774110.82	398.00	398.00
DISCCART	462770.36	3774107.26	398.00	398.00
DISCCART	462761.71	3774103.70	397.91	397.91
DISCCART	462753.05	3774100.13	397.79	397.79
DISCCART	462744.40	3774096.57	397.67	397.67
DISCCART	462735.75	3774093.01	397.56	397.56
DISCCART	462727.09	3774089.45	397.44	397.44
DISCCART	462718.44	3774085.89	397.32	397.32
DISCCART	462605.95	3774039.59	396.78	396.78
DISCCART	462597.29	3774036.03	396.66	396.66
DISCCART	462588.64	3774032.47	396.54	396.54
DISCCART	462579.99	3774028.91	396.42	396.42
DISCCART	462571.33	3774025.35	396.30	396.30
DISCCART	462562.68	3774021.79	396.18	396.18
DISCCART	462554.03	3774018.23	396.06	396.06
DISCCART	462545.37	3774014.67	396.00	396.00
DISCCART	462536.72	3774011.10	396.00	396.00
DISCCART	462528.07	3774007.54	396.00	396.00
DISCCART	462519.41	3774003.98	396.00	396.00
DISCCART	462510.76	3774000.42	396.14	396.14
DISCCART	462502.11	3773996.86	396.21	396.21
DISCCART	462493.45	3773993.30	396.20	396.20
DISCCART	462484.80	3773989.74	396.11	396.11
DISCCART	462476.15	3773986.18	396.00	396.00
DISCCART	462467.49	3773982.61	396.00	396.00
DISCCART	462458.84	3773979.05	396.00	396.00
DISCCART	462450.19	3773975.49	396.00	396.00
DISCCART	462441.53	3773971.93	396.00	396.00
DISCCART	462432.88	3773968.37	396.00	396.00
DISCCART	462424.23	3773964.81	396.00	396.00
DISCCART	462415.57	3773961.25	396.00	396.00
DISCCART	462406.92	3773957.69	396.00	396.00
DISCCART	462398.27	3773954.13	395.93	395.93
DISCCART	462389.61	3773950.56	395.87	395.87
DISCCART	462380.96	3773947.00	395.88	395.88
DISCCART	462372.31	3773943.44	395.96	395.96
DISCCART	462363.65	3773939.88	396.00	396.00
DISCCART	462355.00	3773936.32	396.00	396.00

DISCCART	462346.35	3773932.76	396.00	396.00
DISCCART	462337.69	3773929.20	396.00	396.00
DISCCART	462329.04	3773925.64	395.98	395.98
DISCCART	462320.39	3773922.07	395.86	395.86
DISCCART	462254.97	3773863.10	395.00	395.00
DISCCART	462251.33	3773854.48	395.00	395.00
DISCCART	462247.69	3773845.86	395.00	395.00
DISCCART	462244.05	3773837.24	395.00	395.00
DISCCART	462240.41	3773828.62	394.74	394.74
DISCCART	462236.77	3773820.00	394.46	394.46
DISCCART	462233.13	3773811.38	394.17	394.17
DISCCART	462229.49	3773802.76	394.00	394.00
DISCCART	462225.85	3773794.14	394.00	394.00
DISCCART	462207.65	3773751.04	393.49	393.49
DISCCART	462204.01	3773742.42	393.45	393.45
DISCCART	462200.37	3773733.80	393.37	393.37
DISCCART	462196.73	3773725.18	393.23	393.23
DISCCART	462185.81	3773699.31	392.51	392.51
DISCCART	462182.17	3773690.69	392.36	392.36
DISCCART	462178.53	3773682.07	392.32	392.32
DISCCART	462174.89	3773673.45	392.28	392.28
DISCCART	462171.25	3773664.83	392.17	392.17
DISCCART	462083.88	3773457.94	389.20	389.20
DISCCART	462080.24	3773449.32	389.06	389.06
DISCCART	462076.60	3773440.70	388.96	388.96
DISCCART	462072.96	3773432.08	388.95	388.95
DISCCART	462054.76	3773388.98	388.54	388.54
DISCCART	462051.12	3773380.36	388.49	388.49
DISCCART	462047.48	3773371.74	388.38	388.38
DISCCART	462043.84	3773363.12	388.19	388.19
DISCCART	462040.20	3773354.50	388.00	388.00
DISCCART	462036.56	3773345.88	388.00	388.00
DISCCART	462032.92	3773337.26	388.00	388.00
DISCCART	462029.28	3773328.64	388.00	388.00
DISCCART	462025.64	3773320.02	387.79	387.79
DISCCART	462022.00	3773311.40	387.50	387.50
DISCCART	462018.36	3773302.78	387.21	387.21
DISCCART	462014.72	3773294.15	386.93	386.93
DISCCART	462011.08	3773285.53	386.64	386.64
DISCCART	462917.47	3774207.80	398.38	398.38
DISCCART	462908.82	3774204.24	398.26	398.26
DISCCART	462900.18	3774200.68	398.14	398.14
DISCCART	462891.54	3774197.12	398.03	398.03
DISCCART	462882.89	3774193.57	398.00	398.00
DISCCART	462874.25	3774190.01	398.14	398.14
DISCCART	462865.60	3774186.45	398.31	398.31
DISCCART	462856.96	3774182.89	398.42	398.42
DISCCART	462848.31	3774179.34	398.43	398.43
DISCCART	462839.67	3774175.78	398.31	398.31
DISCCART	462831.02	3774172.22	398.20	398.20
DISCCART	462813.74	3774165.11	398.00	398.00
DISCCART	462805.09	3774161.55	398.00	398.00
DISCCART	462796.45	3774157.99	398.00	398.00
DISCCART	462787.80	3774154.43	398.04	398.04
DISCCART	462779.16	3774150.88	398.17	398.17
DISCCART	462770.51	3774147.32	398.23	398.23
DISCCART	462761.87	3774143.76	398.23	398.23
DISCCART	462753.22	3774140.20	398.13	398.13
DISCCART	462744.58	3774136.65	398.01	398.01
DISCCART	462735.93	3774133.09	398.00	398.00
DISCCART	462727.29	3774129.53	398.00	398.00
DISCCART	462718.65	3774125.97	398.00	398.00
DISCCART	462710.00	3774122.42	398.00	398.00
DISCCART	462701.36	3774118.86	398.00	398.00
DISCCART	462692.71	3774115.30	398.00	398.00
DISCCART	462684.07	3774111.74	398.00	398.00

DISCCART	462675.42	3774108.19	398.00	398.00
DISCCART	462666.78	3774104.63	397.94	397.94
DISCCART	462658.13	3774101.07	397.82	397.82
DISCCART	462649.49	3774097.51	397.71	397.71
DISCCART	462640.84	3774093.96	397.59	397.59
DISCCART	462511.18	3774040.59	396.86	396.86
DISCCART	462502.53	3774037.03	396.87	396.87
DISCCART	462493.89	3774033.48	396.94	396.94
DISCCART	462485.24	3774029.92	397.00	397.00
DISCCART	462476.60	3774026.36	397.00	397.00
DISCCART	462467.95	3774022.80	397.00	397.00
DISCCART	462459.31	3774019.25	397.00	397.00
DISCCART	462450.67	3774015.69	396.98	396.98
DISCCART	462442.02	3774012.13	396.86	396.86
DISCCART	462433.38	3774008.57	396.74	396.74
DISCCART	462424.73	3774005.02	396.62	396.62
DISCCART	462416.09	3774001.46	396.50	396.50
DISCCART	462407.44	3773997.90	396.39	396.39
DISCCART	462398.80	3773994.34	396.29	396.29
DISCCART	462390.15	3773990.79	396.42	396.42
DISCCART	462381.51	3773987.23	396.62	396.62
DISCCART	462372.86	3773983.67	396.81	396.81
DISCCART	462364.22	3773980.11	396.79	396.79
DISCCART	462355.58	3773976.56	396.67	396.67
DISCCART	462346.93	3773973.00	396.56	396.56
DISCCART	462338.29	3773969.44	396.44	396.44
DISCCART	462329.64	3773965.88	396.32	396.32
DISCCART	462321.00	3773962.33	396.20	396.20
DISCCART	462206.23	3773842.76	395.00	395.00
DISCCART	462202.59	3773834.14	394.93	394.93
DISCCART	462198.95	3773825.53	394.64	394.64
DISCCART	462195.32	3773816.92	394.35	394.35
DISCCART	462191.68	3773808.31	394.07	394.07
DISCCART	462188.04	3773799.70	394.04	394.04
DISCCART	462184.41	3773791.09	394.09	394.09
DISCCART	462180.77	3773782.47	394.06	394.06
DISCCART	462177.14	3773773.86	394.00	394.00
DISCCART	462173.50	3773765.25	394.00	394.00
DISCCART	462169.86	3773756.64	394.00	394.00
DISCCART	462166.23	3773748.03	394.00	394.00
DISCCART	462162.59	3773739.42	393.77	393.77
DISCCART	462158.95	3773730.81	393.48	393.48
DISCCART	462144.41	3773696.36	393.00	393.00
DISCCART	462140.77	3773687.75	393.00	393.00
DISCCART	462137.13	3773679.14	392.76	392.76
DISCCART	462133.50	3773670.52	392.47	392.47
DISCCART	462042.59	3773455.23	389.30	389.30
DISCCART	462038.95	3773446.62	389.03	389.03
DISCCART	462035.31	3773438.01	389.10	389.10
DISCCART	462031.68	3773429.40	389.12	389.12
DISCCART	462028.04	3773420.79	389.06	389.06
DISCCART	462024.41	3773412.17	389.00	389.00
DISCCART	462020.77	3773403.56	389.00	389.00
DISCCART	462017.13	3773394.95	389.00	389.00
DISCCART	462013.50	3773386.34	389.00	389.00
DISCCART	462009.86	3773377.73	388.71	388.71
DISCCART	462006.22	3773369.12	388.43	388.43
DISCCART	462002.59	3773360.50	388.14	388.14
DISCCART	461998.95	3773351.89	388.00	388.00
DISCCART	461995.31	3773343.28	388.00	388.00
DISCCART	461991.68	3773334.67	388.00	388.00
DISCCART	461988.04	3773326.06	387.99	387.99
DISCCART	461984.41	3773317.45	387.70	387.70
DISCCART	461980.77	3773308.83	387.42	387.42
DISCCART	461977.13	3773300.22	387.13	387.13
DISCCART	461973.50	3773291.61	387.00	387.00

DISCCART	461969.86	3773283.00	387.00	387.00
DISCCART	462917.47	3774247.80	399.00	399.00
DISCCART	462908.81	3774244.23	399.02	399.02
DISCCART	462900.16	3774240.67	399.15	399.15
DISCCART	462891.51	3774237.11	399.22	399.22
DISCCART	462882.85	3774233.55	399.22	399.22
DISCCART	462874.20	3774229.99	399.12	399.12
DISCCART	462865.54	3774226.43	399.00	399.00
DISCCART	462856.89	3774222.87	398.97	398.97
DISCCART	462848.23	3774219.30	399.00	399.00
DISCCART	462839.58	3774215.74	399.00	399.00
DISCCART	462830.93	3774212.18	399.00	399.00
DISCCART	462822.27	3774208.62	399.00	399.00
DISCCART	462813.62	3774205.06	399.00	399.00
DISCCART	462804.96	3774201.50	399.00	399.00
DISCCART	462796.31	3774197.94	399.00	399.00
DISCCART	462787.66	3774194.37	398.94	398.94
DISCCART	462779.00	3774190.81	398.88	398.88
DISCCART	462770.35	3774187.25	398.89	398.89
DISCCART	462761.69	3774183.69	398.97	398.97
DISCCART	462753.04	3774180.13	399.00	399.00
DISCCART	462744.39	3774176.57	399.00	399.00
DISCCART	462735.73	3774173.00	399.00	399.00
DISCCART	462727.08	3774169.44	399.00	399.00
DISCCART	462718.42	3774165.88	398.98	398.98
DISCCART	462709.77	3774162.32	398.87	398.87
DISCCART	462701.11	3774158.76	398.75	398.75
DISCCART	462692.46	3774155.20	398.63	398.63
DISCCART	462683.81	3774151.64	398.51	398.51
DISCCART	462675.15	3774148.07	398.39	398.39
DISCCART	462666.50	3774144.51	398.27	398.27
DISCCART	462657.84	3774140.95	398.15	398.15
DISCCART	462649.19	3774137.39	398.04	398.04
DISCCART	462640.54	3774133.83	398.00	398.00
DISCCART	462631.88	3774130.27	398.00	398.00
DISCCART	462605.92	3774119.58	398.00	398.00
DISCCART	462597.27	3774116.02	398.00	398.00
DISCCART	462588.61	3774112.46	398.00	398.00
DISCCART	462579.96	3774108.90	398.00	398.00
DISCCART	462571.30	3774105.34	397.97	397.97
DISCCART	462562.65	3774101.77	397.85	397.85
DISCCART	462554.00	3774098.21	397.73	397.73
DISCCART	462545.34	3774094.65	397.67	397.67
DISCCART	462536.69	3774091.09	397.71	397.71
DISCCART	462528.03	3774087.53	397.82	397.82
DISCCART	462519.38	3774083.97	398.00	398.00
DISCCART	462415.53	3774041.23	397.00	397.00
DISCCART	462406.88	3774037.67	397.00	397.00
DISCCART	462398.22	3774034.11	397.03	397.03
DISCCART	462389.57	3774030.54	397.16	397.16
DISCCART	462380.91	3774026.98	397.22	397.22
DISCCART	462372.26	3774023.42	397.22	397.22
DISCCART	462363.60	3774019.86	397.12	397.12
DISCCART	462354.95	3774016.30	397.00	397.00
DISCCART	462346.30	3774012.74	397.00	397.00
DISCCART	462337.64	3774009.18	397.00	397.00
DISCCART	462328.99	3774005.61	397.00	397.00
DISCCART	462320.33	3774002.05	397.00	397.00
DISCCART	462211.40	3773950.10	396.79	396.79
DISCCART	462207.76	3773941.48	396.50	396.50
DISCCART	462204.12	3773932.86	396.22	396.22
DISCCART	462200.48	3773924.24	396.00	396.00
DISCCART	462196.84	3773915.62	396.00	396.00
DISCCART	462193.20	3773906.99	396.00	396.00
DISCCART	462189.56	3773898.37	396.00	396.00
DISCCART	462185.92	3773889.75	395.81	395.81

DISCCART	462182.28	3773881.13	395.62	395.62
DISCCART	462171.36	3773855.27	395.38	395.38
DISCCART	462167.72	3773846.65	395.25	395.25
DISCCART	462164.08	3773838.02	395.05	395.05
DISCCART	462160.44	3773829.40	394.99	394.99
DISCCART	462156.80	3773820.78	395.00	395.00
DISCCART	462153.15	3773812.16	395.00	395.00
DISCCART	462149.51	3773803.54	394.91	394.91
DISCCART	462145.87	3773794.92	394.62	394.62
DISCCART	462127.67	3773751.81	394.00	394.00
DISCCART	462124.03	3773743.19	393.90	393.90
DISCCART	462120.39	3773734.57	393.61	393.61
DISCCART	462116.75	3773725.95	393.32	393.32
DISCCART	462105.83	3773700.09	393.00	393.00
DISCCART	462102.19	3773691.46	393.00	393.00
DISCCART	462098.55	3773682.84	392.88	392.88
DISCCART	462094.91	3773674.22	392.60	392.60
DISCCART	462091.27	3773665.60	392.31	392.31
DISCCART	462003.90	3773458.69	390.00	390.00
DISCCART	462000.26	3773450.07	390.00	390.00
DISCCART	461996.61	3773441.45	389.91	389.91
DISCCART	461992.97	3773432.83	389.80	389.80
DISCCART	461989.33	3773424.21	389.76	389.76
DISCCART	461985.69	3773415.59	389.78	389.78
DISCCART	461982.05	3773406.96	389.63	389.63
DISCCART	461978.41	3773398.34	389.40	389.40
DISCCART	461974.77	3773389.72	389.11	389.11
DISCCART	461971.13	3773381.10	388.83	388.83
DISCCART	461967.49	3773372.48	388.54	388.54
DISCCART	461963.85	3773363.86	388.25	388.25
DISCCART	461960.21	3773355.24	388.00	388.00
DISCCART	461956.57	3773346.62	388.00	388.00
DISCCART	461952.93	3773338.00	388.00	388.00
DISCCART	461949.29	3773329.37	388.00	388.00
DISCCART	461945.65	3773320.75	387.81	387.81
DISCCART	461942.01	3773312.13	387.53	387.53
DISCCART	461938.37	3773303.51	387.24	387.24
DISCCART	461934.73	3773294.89	387.00	387.00
DISCCART	461931.09	3773286.27	387.00	387.00
DISCCART	462929.80	3773288.39	383.74	383.74
DISCCART	462939.13	3773288.39	383.74	383.74
DISCCART	462948.45	3773288.39	383.74	383.74
DISCCART	462957.78	3773288.39	383.74	383.74
DISCCART	462967.11	3773288.39	383.74	383.74
DISCCART	462976.44	3773288.39	383.74	383.74
DISCCART	462985.76	3773288.39	383.74	383.74
DISCCART	462995.09	3773288.39	383.74	383.74
DISCCART	463004.42	3773288.39	383.62	383.62
DISCCART	462929.80	3773298.39	384.00	384.00
DISCCART	462939.13	3773298.39	384.00	384.00
DISCCART	462948.45	3773298.39	384.00	384.00
DISCCART	462957.78	3773298.39	384.00	384.00
DISCCART	462967.11	3773298.39	384.00	384.00
DISCCART	462976.44	3773298.39	384.00	384.00
DISCCART	462985.76	3773298.39	384.00	384.00
DISCCART	462995.09	3773298.39	384.00	384.00
DISCCART	462929.80	3773308.39	384.00	384.00
DISCCART	462939.13	3773308.39	384.00	384.00
DISCCART	462948.45	3773308.39	384.00	384.00
DISCCART	462957.78	3773308.39	384.00	384.00
DISCCART	462967.11	3773308.39	384.00	384.00
DISCCART	462976.44	3773308.39	384.00	384.00
DISCCART	462985.76	3773308.39	384.00	384.00
DISCCART	462995.09	3773308.39	384.00	384.00
DISCCART	463004.42	3773308.39	383.90	383.90
DISCCART	462929.80	3773318.39	384.00	384.00

DISCCART	462939.13	3773318.39	384.00	384.00
DISCCART	462948.45	3773318.39	384.00	384.00
DISCCART	462957.78	3773318.39	384.00	384.00
DISCCART	462967.11	3773318.39	384.00	384.00
DISCCART	462976.44	3773318.39	384.00	384.00
DISCCART	462985.76	3773318.39	384.00	384.00
DISCCART	462995.09	3773318.39	384.00	384.00
DISCCART	462929.80	3773328.39	384.07	384.07
DISCCART	462939.13	3773328.39	384.07	384.07
DISCCART	462948.45	3773328.39	384.07	384.07
DISCCART	462957.78	3773328.39	384.07	384.07
DISCCART	462967.11	3773328.39	384.07	384.07
DISCCART	462976.44	3773328.39	384.05	384.05
DISCCART	462985.76	3773328.39	384.03	384.03
DISCCART	462995.09	3773328.39	384.01	384.01
DISCCART	462929.80	3773338.39	384.40	384.40
DISCCART	462939.13	3773338.39	384.40	384.40
DISCCART	462948.45	3773338.39	384.40	384.40
DISCCART	462957.78	3773338.39	384.40	384.40
DISCCART	462967.11	3773338.39	384.40	384.40
DISCCART	462976.44	3773338.39	384.31	384.31
DISCCART	462985.76	3773338.39	384.19	384.19
DISCCART	462995.09	3773338.39	384.06	384.06
DISCCART	463004.42	3773338.39	384.00	384.00
DISCCART	462929.80	3773348.39	384.74	384.74
DISCCART	462939.13	3773348.39	384.74	384.74
DISCCART	462948.45	3773348.39	384.74	384.74
DISCCART	462957.78	3773348.39	384.74	384.74
DISCCART	462967.11	3773348.39	384.74	384.74
DISCCART	462976.44	3773348.39	384.57	384.57
DISCCART	462985.76	3773348.39	384.34	384.34
DISCCART	462995.09	3773348.39	384.11	384.11
DISCCART	462929.80	3773368.39	385.00	385.00
DISCCART	462939.13	3773368.39	385.00	385.00
DISCCART	462948.45	3773368.39	385.00	385.00
DISCCART	462957.78	3773368.39	385.00	385.00
DISCCART	462967.11	3773368.39	385.00	385.00
DISCCART	462976.44	3773368.39	384.86	384.86
DISCCART	462985.76	3773368.39	384.68	384.68
DISCCART	462995.09	3773368.39	384.49	384.49
DISCCART	462929.80	3773388.39	385.07	385.07
DISCCART	462939.13	3773388.39	385.07	385.07
DISCCART	462948.45	3773388.39	385.07	385.07
DISCCART	462957.78	3773388.39	385.07	385.07
DISCCART	462967.11	3773388.39	385.07	385.07
DISCCART	462976.44	3773388.39	385.07	385.07
DISCCART	462985.76	3773388.39	385.07	385.07
DISCCART	462995.09	3773388.39	385.07	385.07
DISCCART	462929.80	3773408.39	385.74	385.74
DISCCART	462939.13	3773408.39	385.74	385.74
DISCCART	462948.45	3773408.39	385.74	385.74
DISCCART	462957.78	3773408.39	385.74	385.74
DISCCART	462967.11	3773408.39	385.74	385.74
DISCCART	462976.44	3773408.39	385.74	385.74
DISCCART	462985.76	3773408.39	385.74	385.74
DISCCART	462995.09	3773408.39	385.74	385.74
DISCCART	463004.42	3773408.39	385.62	385.62
DISCCART	462929.80	3773428.39	386.00	386.00
DISCCART	462939.13	3773428.39	386.00	386.00
DISCCART	462948.45	3773428.39	386.00	386.00
DISCCART	462957.78	3773428.39	386.00	386.00
DISCCART	462967.11	3773428.39	386.00	386.00
DISCCART	462976.44	3773428.39	386.00	386.00
DISCCART	462985.76	3773428.39	386.00	386.00
DISCCART	462995.09	3773428.39	386.00	386.00
DISCCART	463004.42	3773428.39	385.91	385.91

DISCCART	462929.80	3773448.39	386.07	386.07
DISCCART	462939.13	3773448.39	386.07	386.07
DISCCART	462948.45	3773448.39	386.07	386.07
DISCCART	462957.78	3773448.39	386.07	386.07
DISCCART	462967.11	3773448.39	386.07	386.07
DISCCART	462976.44	3773448.39	386.07	386.07
DISCCART	462985.76	3773448.39	386.07	386.07
DISCCART	462995.09	3773448.39	386.07	386.07
DISCCART	463004.42	3773448.39	386.06	386.06
DISCCART	462929.80	3773488.39	387.13	387.13
DISCCART	462939.13	3773488.39	387.01	387.01
DISCCART	462948.45	3773488.39	387.00	387.00
DISCCART	462957.78	3773488.39	387.00	387.00
DISCCART	462967.11	3773488.39	387.00	387.00
DISCCART	462976.44	3773488.39	387.00	387.00
DISCCART	462985.76	3773488.39	387.00	387.00
DISCCART	462995.09	3773488.39	387.00	387.00
DISCCART	462929.80	3773508.39	387.37	387.37
DISCCART	462939.13	3773508.39	387.08	387.08
DISCCART	462948.45	3773508.39	387.07	387.07
DISCCART	462957.78	3773508.39	387.07	387.07
DISCCART	462967.11	3773508.39	387.07	387.07
DISCCART	462976.44	3773508.39	387.07	387.07
DISCCART	462985.76	3773508.39	387.07	387.07
DISCCART	462995.09	3773508.39	387.07	387.07
DISCCART	462929.80	3773528.39	387.82	387.82
DISCCART	462939.13	3773528.39	387.74	387.74
DISCCART	462948.45	3773528.39	387.74	387.74
DISCCART	462957.78	3773528.39	387.74	387.74
DISCCART	462967.11	3773528.39	387.74	387.74
DISCCART	462976.44	3773528.39	387.74	387.74
DISCCART	462985.76	3773528.39	387.74	387.74
DISCCART	462995.09	3773528.39	387.74	387.74
DISCCART	462929.80	3773548.39	388.40	388.40
DISCCART	462939.13	3773548.39	388.40	388.40
DISCCART	462948.45	3773548.39	388.28	388.28
DISCCART	462957.78	3773548.39	388.16	388.16
DISCCART	462967.11	3773548.39	388.03	388.03
DISCCART	462976.44	3773548.39	388.00	388.00
DISCCART	462985.76	3773548.39	388.00	388.00
DISCCART	462995.09	3773548.39	388.00	388.00
DISCCART	462929.80	3773578.39	389.00	389.00
DISCCART	462939.13	3773578.39	389.00	389.00
DISCCART	462948.45	3773578.39	388.82	388.82
DISCCART	462957.78	3773578.39	388.64	388.64
DISCCART	462967.11	3773578.39	388.45	388.45
DISCCART	462976.44	3773578.39	388.40	388.40
DISCCART	462985.76	3773578.39	388.40	388.40
DISCCART	462995.09	3773578.39	388.40	388.40
DISCCART	462929.80	3773608.39	389.13	389.13
DISCCART	462939.13	3773608.39	389.01	389.01
DISCCART	462948.45	3773608.39	389.00	389.00
DISCCART	462957.78	3773608.39	389.00	389.00
DISCCART	462967.11	3773608.39	389.00	389.00
DISCCART	462976.44	3773608.39	389.00	389.00
DISCCART	462985.76	3773608.39	389.00	389.00
DISCCART	462995.09	3773608.39	389.00	389.00
DISCCART	462929.80	3773638.39	389.60	389.60
DISCCART	462939.13	3773638.39	389.41	389.41
DISCCART	462948.45	3773638.39	389.40	389.40
DISCCART	462957.78	3773638.39	389.40	389.40
DISCCART	462967.11	3773638.39	389.40	389.40
DISCCART	462976.44	3773638.39	389.31	389.31
DISCCART	462985.76	3773638.39	389.19	389.19
DISCCART	462995.09	3773638.39	389.06	389.06
DISCCART	462929.80	3773668.39	390.00	390.00

DISCCART	462939.13	3773668.39	390.00	390.00
DISCCART	462948.45	3773668.39	390.00	390.00
DISCCART	462957.78	3773668.39	390.00	390.00
DISCCART	462967.11	3773668.39	390.00	390.00
DISCCART	462976.44	3773668.39	389.86	389.86
DISCCART	462985.76	3773668.39	389.68	389.68
DISCCART	462995.09	3773668.39	389.49	389.49
DISCCART	462929.80	3773698.39	390.40	390.40
DISCCART	462939.13	3773698.39	390.40	390.40
DISCCART	462948.45	3773698.39	390.28	390.28
DISCCART	462957.78	3773698.39	390.16	390.16
DISCCART	462967.11	3773698.39	390.03	390.03
DISCCART	462976.44	3773698.39	390.00	390.00
DISCCART	462985.76	3773698.39	390.00	390.00
DISCCART	462995.09	3773698.39	390.00	390.00
DISCCART	462929.80	3773728.39	391.00	391.00
DISCCART	462939.13	3773728.39	391.00	391.00
DISCCART	462948.45	3773728.39	390.82	390.82
DISCCART	462957.78	3773728.39	390.64	390.64
DISCCART	462967.11	3773728.39	390.45	390.45
DISCCART	462976.44	3773728.39	390.40	390.40
DISCCART	462985.76	3773728.39	390.40	390.40
DISCCART	462995.09	3773728.39	390.40	390.40
DISCCART	463004.42	3773728.39	390.40	390.40
DISCCART	462929.80	3773758.39	391.40	391.40
DISCCART	462939.13	3773758.39	391.40	391.40
DISCCART	462948.45	3773758.39	391.28	391.28
DISCCART	462957.78	3773758.39	391.16	391.16
DISCCART	462967.11	3773758.39	391.03	391.03
DISCCART	462976.44	3773758.39	391.00	391.00
DISCCART	462985.76	3773758.39	391.00	391.00
DISCCART	462995.09	3773758.39	391.00	391.00
DISCCART	463004.42	3773758.39	391.00	391.00
DISCCART	462929.80	3773788.39	392.00	392.00
DISCCART	462939.13	3773788.39	392.00	392.00
DISCCART	462948.45	3773788.39	391.82	391.82
DISCCART	462957.78	3773788.39	391.64	391.64
DISCCART	462967.11	3773788.39	391.45	391.45
DISCCART	462976.44	3773788.39	391.40	391.40
DISCCART	462985.76	3773788.39	391.40	391.40
DISCCART	462995.09	3773788.39	391.40	391.40
DISCCART	462929.80	3773818.39	392.40	392.40
DISCCART	462939.13	3773818.39	392.40	392.40
DISCCART	462948.45	3773818.39	392.28	392.28
DISCCART	462957.78	3773818.39	392.16	392.16
DISCCART	462967.11	3773818.39	392.03	392.03
DISCCART	462976.44	3773818.39	392.00	392.00
DISCCART	462985.76	3773818.39	392.00	392.00
DISCCART	462995.09	3773818.39	392.00	392.00
DISCCART	462929.80	3773848.39	393.00	393.00
DISCCART	462939.13	3773848.39	393.00	393.00
DISCCART	462948.45	3773848.39	392.82	392.82
DISCCART	462957.78	3773848.39	392.64	392.64
DISCCART	462967.11	3773848.39	392.45	392.45
DISCCART	462976.44	3773848.39	392.40	392.40
DISCCART	462985.76	3773848.39	392.40	392.40
DISCCART	462995.09	3773848.39	392.40	392.40
DISCCART	463004.42	3773848.39	392.40	392.40
DISCCART	462929.80	3773888.39	393.74	393.74
DISCCART	462939.13	3773888.39	393.74	393.74
DISCCART	462948.45	3773888.39	393.52	393.52
DISCCART	462957.78	3773888.39	393.29	393.29
DISCCART	462967.11	3773888.39	393.06	393.06
DISCCART	462976.44	3773888.39	393.00	393.00
DISCCART	462985.76	3773888.39	393.00	393.00
DISCCART	462995.09	3773888.39	393.00	393.00

DISCCART	462929.80	3773928.39	394.07	394.07
DISCCART	462939.13	3773928.39	394.07	394.07
DISCCART	462948.45	3773928.39	394.05	394.05
DISCCART	462957.78	3773928.39	394.03	394.03
DISCCART	462967.11	3773928.39	394.01	394.01
DISCCART	462976.44	3773928.39	394.00	394.00
DISCCART	462985.76	3773928.39	394.00	394.00
DISCCART	462995.09	3773928.39	394.00	394.00
DISCCART	462929.80	3773968.39	395.00	395.00
DISCCART	462939.13	3773968.39	395.00	395.00
DISCCART	462948.45	3773968.39	394.82	394.82
DISCCART	462957.78	3773968.39	394.64	394.64
DISCCART	462967.11	3773968.39	394.45	394.45
DISCCART	462976.44	3773968.39	394.40	394.40
DISCCART	462985.76	3773968.39	394.40	394.40
DISCCART	462995.09	3773968.39	394.40	394.40
DISCCART	463004.42	3773968.39	394.34	394.34
DISCCART	462929.80	3774008.39	395.24	395.24
DISCCART	462939.13	3774008.39	395.01	395.01
DISCCART	462948.45	3774008.39	395.00	395.00
DISCCART	462957.78	3774008.39	395.00	395.00
DISCCART	462967.11	3774008.39	395.00	395.00
DISCCART	462976.44	3774008.39	395.00	395.00
DISCCART	462985.76	3774008.39	395.00	395.00
DISCCART	462995.09	3774008.39	395.00	395.00
DISCCART	463004.42	3774008.39	394.96	394.96
DISCCART	462929.80	3774168.39	398.00	398.00
DISCCART	462939.13	3774168.39	398.00	398.00
DISCCART	462948.45	3774168.39	398.00	398.00
DISCCART	462957.78	3774168.39	398.00	398.00
DISCCART	462967.11	3774168.39	398.00	398.00
DISCCART	462976.44	3774168.39	397.79	397.79
DISCCART	462985.76	3774168.39	397.50	397.50
DISCCART	462995.09	3774168.39	397.21	397.21
DISCCART	462929.80	3774208.39	398.40	398.40
DISCCART	462939.13	3774208.39	398.40	398.40
DISCCART	462948.45	3774208.39	398.40	398.40
DISCCART	462957.78	3774208.39	398.40	398.40
DISCCART	462967.11	3774208.39	398.40	398.40
DISCCART	462976.44	3774208.39	398.31	398.31
DISCCART	462985.76	3774208.39	398.19	398.19
DISCCART	462995.09	3774208.39	398.06	398.06
DISCCART	462929.80	3774248.39	399.00	399.00
DISCCART	462939.13	3774248.39	399.00	399.00
DISCCART	462948.45	3774248.39	399.00	399.00
DISCCART	462957.78	3774248.39	399.00	399.00
DISCCART	462967.11	3774248.39	399.00	399.00
DISCCART	462976.44	3774248.39	398.94	398.94
DISCCART	462985.76	3774248.39	398.86	398.86
DISCCART	462995.09	3774248.39	398.78	398.78
DISCCART	463004.42	3774248.39	398.74	398.74

** Project: CONSTRUCTION
**
** A total of 1 DEM files were used
** A total of 443 receptors were processed
** No user-specifed DOMAIN; all available data used
** ANCHORXY 0.00 0.00 0.00 0.00 11 3
** TERRHGTS EXTRACT

RE ELEVUNIT METERS

DISCCART	463443.12	3773285.31	382.63	382.63
DISCCART	463439.91	3773293.98	382.92	382.92
DISCCART	463436.70	3773302.65	383.00	383.00
DISCCART	463473.00	3773285.57	382.14	382.14
DISCCART	463469.76	3773294.31	382.31	382.31
DISCCART	463466.53	3773303.04	382.56	382.56
DISCCART	463463.29	3773311.78	382.78	382.78
DISCCART	463460.06	3773320.51	382.93	382.93
DISCCART	463456.82	3773329.24	383.07	383.07
DISCCART	463453.59	3773337.98	383.34	383.34
DISCCART	463450.35	3773346.71	383.66	383.66
DISCCART	463447.11	3773355.45	383.97	383.97
DISCCART	463443.88	3773364.18	384.00	384.00
DISCCART	463440.64	3773372.91	384.00	384.00
DISCCART	463437.41	3773381.65	384.00	384.00
DISCCART	463502.89	3773285.80	382.00	382.00
DISCCART	463499.64	3773294.59	382.00	382.00
DISCCART	463496.38	3773303.38	382.23	382.23
DISCCART	463493.12	3773312.17	382.53	382.53
DISCCART	463489.87	3773320.97	382.82	382.82
DISCCART	463486.61	3773329.76	383.00	383.00
DISCCART	463483.35	3773338.55	383.00	383.00
DISCCART	463480.09	3773347.34	383.00	383.00
DISCCART	463476.84	3773356.13	383.09	383.09
DISCCART	463473.58	3773364.92	383.43	383.43
DISCCART	463470.32	3773373.72	383.71	383.71
DISCCART	463467.07	3773382.51	383.93	383.93
DISCCART	463463.81	3773391.30	384.00	384.00
DISCCART	463460.55	3773400.09	384.00	384.00
DISCCART	463457.30	3773408.88	384.00	384.00
DISCCART	463454.04	3773417.67	384.04	384.04
DISCCART	463450.78	3773426.47	384.34	384.34
DISCCART	463447.52	3773435.26	384.66	384.66
DISCCART	463444.27	3773444.05	384.94	384.94
DISCCART	463441.01	3773452.84	385.00	385.00
DISCCART	463533.20	3773284.92	382.00	382.00
DISCCART	463530.00	3773293.55	382.00	382.00
DISCCART	463526.80	3773302.17	382.19	382.19
DISCCART	463523.61	3773310.80	382.48	382.48
DISCCART	463520.41	3773319.43	382.77	382.77
DISCCART	463517.22	3773328.06	383.00	383.00
DISCCART	463514.02	3773336.69	383.00	383.00
DISCCART	463510.82	3773345.31	383.00	383.00
DISCCART	463507.63	3773353.94	383.00	383.00
DISCCART	463504.43	3773362.57	383.21	383.21
DISCCART	463501.23	3773371.20	383.50	383.50
DISCCART	463498.04	3773379.82	383.78	383.78
DISCCART	463494.84	3773388.45	384.00	384.00
DISCCART	463491.65	3773397.08	384.00	384.00
DISCCART	463488.45	3773405.71	384.00	384.00
DISCCART	463485.25	3773414.33	384.00	384.00
DISCCART	463482.06	3773422.96	384.20	384.20
DISCCART	463478.86	3773431.59	384.51	384.51
DISCCART	463475.66	3773440.22	384.80	384.80
DISCCART	463472.47	3773448.85	385.00	385.00

DISCCART	463563.09	3773285.14	381.71	381.71
DISCCART	463559.88	3773293.82	381.94	381.94
DISCCART	463556.66	3773302.50	382.09	382.09
DISCCART	463553.44	3773311.19	382.27	382.27
DISCCART	463550.23	3773319.87	382.51	382.51
DISCCART	463547.01	3773328.55	382.77	382.77
DISCCART	463543.79	3773337.24	382.91	382.91
DISCCART	463540.58	3773345.92	382.99	382.99
DISCCART	463537.36	3773354.60	383.00	383.00
DISCCART	463534.14	3773363.29	383.04	383.04
DISCCART	463530.92	3773371.97	383.15	383.15
DISCCART	463527.71	3773380.66	383.32	383.32
DISCCART	463524.49	3773389.34	383.56	383.56
DISCCART	463521.27	3773398.02	383.76	383.76
DISCCART	463518.06	3773406.71	383.91	383.91
DISCCART	463514.84	3773415.39	383.99	383.99
DISCCART	463511.62	3773424.07	384.00	384.00
DISCCART	463508.41	3773432.76	384.02	384.02
DISCCART	463505.19	3773441.44	384.12	384.12
DISCCART	463501.97	3773450.12	384.26	384.26
DISCCART	463593.00	3773285.33	381.63	381.63
DISCCART	463589.76	3773294.07	381.92	381.92
DISCCART	463586.53	3773302.80	382.00	382.00
DISCCART	463583.29	3773311.53	382.00	382.00
DISCCART	463580.06	3773320.27	382.00	382.00
DISCCART	463576.82	3773329.00	382.09	382.09
DISCCART	463573.59	3773337.74	382.38	382.38
DISCCART	463570.35	3773346.47	382.67	382.67
DISCCART	463567.11	3773355.20	382.97	382.97
DISCCART	463563.88	3773363.94	383.00	383.00
DISCCART	463560.64	3773372.67	383.00	383.00
DISCCART	463557.41	3773381.41	383.00	383.00
DISCCART	463554.17	3773390.14	383.13	383.13
DISCCART	463550.94	3773398.88	383.42	383.42
DISCCART	463547.70	3773407.61	383.71	383.71
DISCCART	463544.46	3773416.34	384.00	384.00
DISCCART	463541.23	3773425.08	384.00	384.00
DISCCART	463537.99	3773433.81	384.00	384.00
DISCCART	463534.76	3773442.55	384.00	384.00
DISCCART	463531.52	3773451.28	384.00	384.00
DISCCART	463633.00	3773285.25	381.56	381.56
DISCCART	463629.76	3773293.98	381.92	381.92
DISCCART	463626.53	3773302.72	382.00	382.00
DISCCART	463623.29	3773311.45	382.00	382.00
DISCCART	463620.06	3773320.19	382.00	382.00
DISCCART	463616.82	3773328.92	382.09	382.09
DISCCART	463613.59	3773337.66	382.38	382.38
DISCCART	463610.35	3773346.39	382.67	382.67
DISCCART	463607.11	3773355.12	382.96	382.96
DISCCART	463603.88	3773363.86	383.00	383.00
DISCCART	463600.64	3773372.59	383.00	383.00
DISCCART	463597.41	3773381.33	383.00	383.00
DISCCART	463594.17	3773390.06	383.12	383.12
DISCCART	463590.94	3773398.79	383.42	383.42
DISCCART	463587.70	3773407.53	383.71	383.71
DISCCART	463584.46	3773416.26	384.00	384.00
DISCCART	463581.23	3773425.00	384.00	384.00
DISCCART	463577.99	3773433.73	384.00	384.00
DISCCART	463574.76	3773442.47	384.00	384.00
DISCCART	463673.00	3773285.17	381.00	381.00
DISCCART	463669.76	3773293.90	381.00	381.00
DISCCART	463666.53	3773302.64	381.21	381.21
DISCCART	463663.29	3773311.37	381.50	381.50
DISCCART	463660.06	3773320.11	381.79	381.79
DISCCART	463656.82	3773328.84	382.08	382.08
DISCCART	463653.59	3773337.57	382.37	382.37

DISCCART	463650.35	3773346.31	382.67	382.67
DISCCART	463647.11	3773355.04	382.96	382.96
DISCCART	463643.88	3773363.78	383.00	383.00
DISCCART	463640.64	3773372.51	383.00	383.00
DISCCART	463637.41	3773381.25	383.00	383.00
DISCCART	463634.17	3773389.98	383.12	383.12
DISCCART	463630.94	3773398.71	383.41	383.41
DISCCART	463627.70	3773407.45	383.70	383.70
DISCCART	463624.46	3773416.18	383.99	383.99
DISCCART	463621.23	3773424.92	384.00	384.00
DISCCART	463617.99	3773433.65	384.00	384.00
DISCCART	463614.76	3773442.39	384.00	384.00
DISCCART	463713.00	3773285.09	381.00	381.00
DISCCART	463709.76	3773293.82	381.00	381.00
DISCCART	463706.53	3773302.56	381.21	381.21
DISCCART	463703.29	3773311.29	381.50	381.50
DISCCART	463700.06	3773320.03	381.79	381.79
DISCCART	463696.82	3773328.76	382.06	382.06
DISCCART	463693.59	3773337.49	382.32	382.32
DISCCART	463690.35	3773346.23	382.65	382.65
DISCCART	463687.11	3773354.96	382.95	382.95
DISCCART	463683.88	3773363.70	383.00	383.00
DISCCART	463680.64	3773372.43	383.00	383.00
DISCCART	463677.41	3773381.17	383.00	383.00
DISCCART	463674.17	3773389.90	383.12	383.12
DISCCART	463670.93	3773398.63	383.41	383.41
DISCCART	463667.70	3773407.37	383.70	383.70
DISCCART	463664.46	3773416.10	383.99	383.99
DISCCART	463661.23	3773424.84	384.00	384.00
DISCCART	463657.99	3773433.57	384.00	384.00
DISCCART	463654.76	3773442.30	384.00	384.00
DISCCART	463753.00	3773285.01	380.62	380.62
DISCCART	463749.76	3773293.74	380.91	380.91
DISCCART	463746.53	3773302.48	381.20	381.20
DISCCART	463743.29	3773311.21	381.50	381.50
DISCCART	463740.06	3773319.95	381.79	381.79
DISCCART	463736.82	3773328.68	382.00	382.00
DISCCART	463733.59	3773337.41	382.00	382.00
DISCCART	463730.35	3773346.15	382.00	382.00
DISCCART	463727.11	3773354.88	382.00	382.00
DISCCART	463723.88	3773363.62	382.24	382.24
DISCCART	463720.64	3773372.35	382.53	382.53
DISCCART	463717.41	3773381.08	382.84	382.84
DISCCART	463714.17	3773389.82	383.12	383.12
DISCCART	463710.93	3773398.55	383.41	383.41
DISCCART	463707.70	3773407.29	383.70	383.70
DISCCART	463704.46	3773416.02	383.99	383.99
DISCCART	463701.23	3773424.76	384.00	384.00
DISCCART	463697.99	3773433.49	384.00	384.00
DISCCART	463694.76	3773442.22	384.00	384.00
DISCCART	463691.52	3773450.96	384.00	384.00
DISCCART	463793.00	3773284.93	380.62	380.62
DISCCART	463789.76	3773293.66	380.91	380.91
DISCCART	463786.53	3773302.40	381.00	381.00
DISCCART	463783.29	3773311.13	381.00	381.00
DISCCART	463780.06	3773319.86	381.00	381.00
DISCCART	463776.82	3773328.60	381.16	381.16
DISCCART	463773.59	3773337.33	381.49	381.49
DISCCART	463770.35	3773346.07	381.76	381.76
DISCCART	463767.11	3773354.80	381.97	381.97
DISCCART	463763.88	3773363.54	382.13	382.13
DISCCART	463760.64	3773372.27	382.34	382.34
DISCCART	463757.41	3773381.00	382.61	382.61
DISCCART	463754.17	3773389.74	382.87	382.87
DISCCART	463750.93	3773398.47	382.97	382.97
DISCCART	463747.70	3773407.21	383.05	383.05

DISCCART	463744.46	3773415.94	383.17	383.17
DISCCART	463741.23	3773424.67	383.28	383.28
DISCCART	463737.99	3773433.41	383.39	383.39
DISCCART	463734.76	3773442.14	383.50	383.50
DISCCART	463731.52	3773450.88	383.66	383.66
DISCCART	463833.00	3773284.85	380.62	380.62
DISCCART	463829.76	3773293.58	380.91	380.91
DISCCART	463826.53	3773302.32	381.00	381.00
DISCCART	463823.29	3773311.05	381.00	381.00
DISCCART	463820.06	3773319.78	381.00	381.00
DISCCART	463816.82	3773328.52	381.07	381.07
DISCCART	463813.58	3773337.25	381.36	381.36
DISCCART	463810.35	3773345.99	381.66	381.66
DISCCART	463807.11	3773354.72	381.95	381.95
DISCCART	463803.88	3773363.45	382.00	382.00
DISCCART	463800.64	3773372.19	382.00	382.00
DISCCART	463797.41	3773380.92	382.00	382.00
DISCCART	463794.17	3773389.66	382.06	382.06
DISCCART	463790.93	3773398.39	382.25	382.25
DISCCART	463787.70	3773407.13	382.51	382.51
DISCCART	463784.46	3773415.86	382.83	382.83
DISCCART	463781.23	3773424.59	382.96	382.96
DISCCART	463777.99	3773433.33	383.00	383.00
DISCCART	463774.76	3773442.06	383.00	383.00
DISCCART	463771.52	3773450.80	383.04	383.04
DISCCART	463873.00	3773284.77	380.00	380.00
DISCCART	463869.76	3773293.50	380.00	380.00
DISCCART	463866.53	3773302.23	380.28	380.28
DISCCART	463863.29	3773310.97	380.60	380.60
DISCCART	463860.06	3773319.70	380.85	380.85
DISCCART	463856.82	3773328.44	381.03	381.03
DISCCART	463853.58	3773337.17	381.19	381.19
DISCCART	463850.35	3773345.91	381.42	381.42
DISCCART	463847.11	3773354.64	381.71	381.71
DISCCART	463843.88	3773363.37	381.89	381.89
DISCCART	463840.64	3773372.11	381.98	381.98
DISCCART	463837.41	3773380.84	382.00	382.00
DISCCART	463834.17	3773389.58	382.00	382.00
DISCCART	463830.93	3773398.31	382.00	382.00
DISCCART	463827.70	3773407.05	382.00	382.00
DISCCART	463824.46	3773415.78	382.00	382.00
DISCCART	463821.23	3773424.51	382.27	382.27
DISCCART	463817.99	3773433.25	382.56	382.56
DISCCART	463814.76	3773441.98	382.85	382.85
DISCCART	463811.52	3773450.72	383.00	383.00
DISCCART	463913.00	3773284.69	380.00	380.00
DISCCART	463909.76	3773293.42	380.00	380.00
DISCCART	463906.53	3773302.15	380.19	380.19
DISCCART	463903.29	3773310.89	380.49	380.49
DISCCART	463900.06	3773319.62	380.78	380.78
DISCCART	463896.82	3773328.36	381.00	381.00
DISCCART	463893.58	3773337.09	381.00	381.00
DISCCART	463890.35	3773345.83	381.00	381.00
DISCCART	463887.11	3773354.56	381.00	381.00
DISCCART	463883.88	3773363.29	381.12	381.12
DISCCART	463880.64	3773372.03	381.33	381.33
DISCCART	463877.41	3773380.76	381.60	381.60
DISCCART	463874.17	3773389.50	381.87	381.87
DISCCART	463870.93	3773398.23	381.97	381.97
DISCCART	463867.70	3773406.96	382.00	382.00
DISCCART	463864.46	3773415.70	382.00	382.00
DISCCART	463861.23	3773424.43	382.08	382.08
DISCCART	463857.99	3773433.17	382.22	382.22
DISCCART	463854.76	3773441.90	382.42	382.42
DISCCART	463851.52	3773450.64	382.66	382.66
DISCCART	463953.00	3773284.61	380.00	380.00

DISCCART	463949.76	3773293.34	380.00	380.00
DISCCART	463946.53	3773302.07	380.08	380.08
DISCCART	463943.29	3773310.81	380.26	380.26
DISCCART	463940.06	3773319.54	380.51	380.51
DISCCART	463936.82	3773328.28	380.78	380.78
DISCCART	463933.58	3773337.01	380.92	380.92
DISCCART	463930.35	3773345.74	380.99	380.99
DISCCART	463927.11	3773354.48	381.00	381.00
DISCCART	463923.88	3773363.21	381.00	381.00
DISCCART	463920.64	3773371.95	381.00	381.00
DISCCART	463917.41	3773380.68	381.00	381.00
DISCCART	463914.17	3773389.42	381.10	381.10
DISCCART	463910.93	3773398.15	381.39	381.39
DISCCART	463907.70	3773406.88	381.68	381.68
DISCCART	463904.46	3773415.62	381.98	381.98
DISCCART	463901.23	3773424.35	382.00	382.00
DISCCART	463897.99	3773433.09	382.00	382.00
DISCCART	463894.76	3773441.82	382.00	382.00
DISCCART	463891.52	3773450.55	382.14	382.14
DISCCART	463993.00	3773284.52	379.61	379.61
DISCCART	463989.76	3773293.26	379.90	379.90
DISCCART	463986.53	3773301.99	380.00	380.00
DISCCART	463983.29	3773310.73	380.00	380.00
DISCCART	463980.06	3773319.46	380.00	380.00
DISCCART	463976.82	3773328.20	380.06	380.06
DISCCART	463973.58	3773336.93	380.35	380.35
DISCCART	463970.35	3773345.66	380.64	380.64
DISCCART	463967.11	3773354.40	380.94	380.94
DISCCART	463963.88	3773363.13	381.00	381.00
DISCCART	463960.64	3773371.87	381.00	381.00
DISCCART	463957.41	3773380.60	381.00	381.00
DISCCART	463954.17	3773389.33	381.10	381.10
DISCCART	463950.93	3773398.07	381.39	381.39
DISCCART	463947.70	3773406.80	381.68	381.68
DISCCART	463944.46	3773415.54	381.97	381.97
DISCCART	463941.23	3773424.27	382.00	382.00
DISCCART	463937.99	3773433.01	382.00	382.00
DISCCART	463934.76	3773441.74	382.00	382.00
DISCCART	463931.52	3773450.47	382.13	382.13
DISCCART	462814.05	3773505.24	387.96	387.96
DISCCART	462805.43	3773501.69	387.85	387.85
DISCCART	462796.81	3773498.14	387.73	387.73
DISCCART	462788.19	3773494.59	387.63	387.63
DISCCART	462779.57	3773491.05	387.66	387.66
DISCCART	462770.95	3773487.50	387.76	387.76
DISCCART	462814.24	3773535.32	388.97	388.97
DISCCART	462805.64	3773531.77	388.85	388.85
DISCCART	462797.04	3773528.23	388.73	388.73
DISCCART	462788.43	3773524.69	388.61	388.61
DISCCART	462779.83	3773521.15	388.49	388.49
DISCCART	462771.23	3773517.61	388.38	388.38
DISCCART	462762.63	3773514.07	388.26	388.26
DISCCART	462754.02	3773510.53	388.14	388.14
DISCCART	462745.42	3773506.99	388.02	388.02
DISCCART	462736.82	3773503.45	388.00	388.00
DISCCART	462728.21	3773499.91	388.00	388.00
DISCCART	462719.61	3773496.37	388.00	388.00
DISCCART	462711.01	3773492.83	388.00	388.00
DISCCART	462702.41	3773489.29	388.00	388.00
DISCCART	462813.81	3773565.14	389.00	389.00
DISCCART	462805.17	3773561.58	389.00	389.00
DISCCART	462796.53	3773558.03	389.00	389.00
DISCCART	462787.89	3773554.47	389.00	389.00
DISCCART	462779.26	3773550.92	389.00	389.00
DISCCART	462770.62	3773547.36	389.00	389.00
DISCCART	462761.98	3773543.81	389.00	389.00

DISCCART	462753.34	3773540.25	389.00	389.00
DISCCART	462744.70	3773536.70	389.00	389.00
DISCCART	462736.06	3773533.14	388.89	388.89
DISCCART	462727.43	3773529.59	388.78	388.78
DISCCART	462718.79	3773526.03	388.66	388.66
DISCCART	462710.15	3773522.48	388.54	388.54
DISCCART	462701.51	3773518.92	388.42	388.42
DISCCART	462692.87	3773515.37	388.30	388.30
DISCCART	462684.23	3773511.81	388.18	388.18
DISCCART	462675.60	3773508.26	388.06	388.06
DISCCART	462666.96	3773504.70	388.00	388.00
DISCCART	462661.88	3773495.50	388.00	388.00
DISCCART	462762.25	3773573.92	389.25	389.25
DISCCART	462753.63	3773570.37	389.13	389.13
DISCCART	462745.01	3773566.82	389.02	389.02
DISCCART	462736.38	3773563.27	389.00	389.00
DISCCART	462727.76	3773559.72	389.00	389.00
DISCCART	462719.14	3773556.18	389.00	389.00
DISCCART	462710.51	3773552.63	389.00	389.00
DISCCART	462701.89	3773549.08	389.00	389.00
DISCCART	462693.27	3773545.53	389.00	389.00
DISCCART	462684.64	3773541.98	389.00	389.00
DISCCART	462676.02	3773538.43	389.00	389.00
DISCCART	462667.40	3773534.88	388.95	388.95
DISCCART	462658.77	3773531.33	388.83	388.83
DISCCART	462650.15	3773527.79	388.72	388.72
DISCCART	462642.59	3773521.12	388.49	388.49
DISCCART	462638.96	3773512.53	388.21	388.21
DISCCART	462635.33	3773503.94	388.00	388.00
DISCCART	462631.71	3773495.35	388.00	388.00
DISCCART	462683.85	3773571.65	389.18	389.18
DISCCART	462675.20	3773568.09	389.06	389.06
DISCCART	462666.55	3773564.53	389.00	389.00
DISCCART	462657.90	3773560.97	389.00	389.00
DISCCART	462649.24	3773557.41	389.00	389.00
DISCCART	462640.59	3773553.85	389.00	389.00
DISCCART	462631.94	3773550.29	389.00	389.00
DISCCART	462200.27	3773543.39	390.24	390.24
DISCCART	462196.63	3773534.77	390.00	390.00
DISCCART	462192.99	3773526.15	390.00	390.00
DISCCART	462189.35	3773517.53	390.00	390.00
DISCCART	462185.71	3773508.91	390.00	390.00
DISCCART	462182.07	3773500.29	389.80	389.80
DISCCART	462178.43	3773491.67	389.51	389.51
DISCCART	462202.55	3773643.88	391.82	391.82
DISCCART	462198.92	3773635.27	391.78	391.78
DISCCART	462195.28	3773626.66	391.81	391.81
DISCCART	462191.65	3773618.05	391.68	391.68
DISCCART	462188.01	3773609.44	391.44	391.44
DISCCART	462184.38	3773600.83	391.15	391.15
DISCCART	462180.74	3773592.22	391.00	391.00
DISCCART	462177.10	3773583.61	391.00	391.00
DISCCART	462173.47	3773575.00	391.00	391.00
DISCCART	462169.83	3773566.39	391.00	391.00
DISCCART	462166.20	3773557.78	390.71	390.71
DISCCART	462162.56	3773549.17	390.43	390.43
DISCCART	462158.93	3773540.56	390.14	390.14
DISCCART	462155.29	3773531.95	390.00	390.00
DISCCART	462151.65	3773523.34	390.00	390.00
DISCCART	462148.02	3773514.73	390.00	390.00
DISCCART	462144.38	3773506.12	389.99	389.99
DISCCART	462140.75	3773497.51	389.71	389.71
DISCCART	462171.25	3773664.83	392.17	392.17
DISCCART	462167.61	3773656.21	392.00	392.00
DISCCART	462163.97	3773647.59	392.00	392.00
DISCCART	462160.33	3773638.97	392.00	392.00

DISCCART	462156.69	3773630.35	392.00	392.00
DISCCART	462153.05	3773621.73	391.85	391.85
DISCCART	462149.41	3773613.11	391.56	391.56
DISCCART	462145.77	3773604.49	391.27	391.27
DISCCART	462142.13	3773595.87	391.00	391.00
DISCCART	462138.49	3773587.25	391.00	391.00
DISCCART	462134.85	3773578.63	391.00	391.00
DISCCART	462131.21	3773570.01	391.00	391.00
DISCCART	462127.57	3773561.39	390.84	390.84
DISCCART	462123.93	3773552.77	390.55	390.55
DISCCART	462120.29	3773544.15	390.26	390.26
DISCCART	462116.65	3773535.53	390.00	390.00
DISCCART	462113.01	3773526.91	390.00	390.00
DISCCART	462109.37	3773518.29	390.00	390.00
DISCCART	462105.73	3773509.67	390.00	390.00
DISCCART	462102.09	3773501.04	389.82	389.82
DISCCART	462098.45	3773492.42	389.55	389.55
DISCCART	462129.86	3773661.91	392.19	392.19
DISCCART	462126.23	3773653.30	392.00	392.00
DISCCART	462122.59	3773644.69	392.00	392.00
DISCCART	462118.95	3773636.08	392.00	392.00
DISCCART	462115.32	3773627.47	392.00	392.00
DISCCART	462111.68	3773618.85	391.75	391.75
DISCCART	462108.04	3773610.24	391.46	391.46
DISCCART	462104.41	3773601.63	391.18	391.18
DISCCART	462100.77	3773593.02	391.00	391.00
DISCCART	462097.13	3773584.41	391.00	391.00
DISCCART	462093.50	3773575.80	391.00	391.00
DISCCART	462089.86	3773567.18	391.00	391.00
DISCCART	462086.22	3773558.57	390.74	390.74
DISCCART	462082.59	3773549.96	390.45	390.45
DISCCART	462078.95	3773541.35	390.17	390.17
DISCCART	462075.32	3773532.74	390.00	390.00
DISCCART	462071.68	3773524.13	390.00	390.00
DISCCART	462068.04	3773515.51	390.02	390.02
DISCCART	462064.41	3773506.90	390.00	390.00
DISCCART	462060.77	3773498.29	390.00	390.00
DISCCART	462091.27	3773665.60	392.31	392.31
DISCCART	462087.63	3773656.98	392.02	392.02
DISCCART	462083.99	3773648.36	392.00	392.00
DISCCART	462080.35	3773639.74	392.00	392.00
DISCCART	462076.70	3773631.12	392.00	392.00
DISCCART	462073.06	3773622.49	391.87	391.87
DISCCART	462069.42	3773613.87	391.58	391.58
DISCCART	462065.78	3773605.25	391.30	391.30
DISCCART	462062.14	3773596.63	391.01	391.01
DISCCART	462058.50	3773588.01	391.00	391.00
DISCCART	462054.86	3773579.39	391.00	391.00
DISCCART	462051.22	3773570.77	391.00	391.00
DISCCART	462047.58	3773562.15	390.96	390.96
DISCCART	462043.94	3773553.53	390.94	390.94
DISCCART	462040.30	3773544.90	390.98	390.98
DISCCART	462036.66	3773536.28	391.00	391.00
DISCCART	462033.02	3773527.66	390.71	390.71
DISCCART	462029.38	3773519.04	390.42	390.42
DISCCART	462025.74	3773510.42	390.14	390.14
DISCCART	462022.10	3773501.80	390.00	390.00
DISCCART	462018.46	3773493.18	390.00	390.00

** Project: CONSTRUCTION
**
** A total of 1 DEM files were used
** A total of 2439 receptors were processed
** No user-specifed DOMAIN; all available data used
** ANCHORXY 0.00 0.00 0.00 0.00 11 3
** TERRHGTS EXTRACT

RE ELEVUNIT METERS

DISCCART	463043.37	3773290.55	383.00	383.00
DISCCART	463054.62	3773282.05	383.00	383.00
DISCCART	463050.81	3773297.14	383.03	383.03
DISCCART	463062.19	3773288.58	383.00	383.00
DISCCART	463058.95	3773303.41	383.24	383.24
DISCCART	463046.83	3773308.96	383.42	383.42
DISCCART	463069.77	3773295.11	383.00	383.00
DISCCART	463066.38	3773310.00	383.46	383.46
DISCCART	463053.99	3773315.68	383.64	383.64
DISCCART	463041.60	3773321.36	383.83	383.83
DISCCART	463077.34	3773301.64	383.18	383.18
DISCCART	463073.84	3773316.59	383.68	383.68
DISCCART	463061.22	3773322.37	383.87	383.87
DISCCART	463048.60	3773328.15	384.00	384.00
DISCCART	463084.91	3773308.17	383.39	383.39
DISCCART	463088.81	3773329.73	384.00	384.00
DISCCART	463075.82	3773335.68	384.00	384.00
DISCCART	463062.84	3773341.63	384.00	384.00
DISCCART	463049.86	3773347.57	384.00	384.00
DISCCART	463100.06	3773321.24	383.83	383.83
DISCCART	463103.82	3773342.85	384.00	384.00
DISCCART	463090.56	3773348.92	384.00	384.00
DISCCART	463077.31	3773355.00	384.00	384.00
DISCCART	463064.06	3773361.07	384.16	384.16
DISCCART	463050.81	3773367.14	384.36	384.36
DISCCART	463115.20	3773334.30	384.00	384.00
DISCCART	463119.21	3773355.80	384.00	384.00
DISCCART	463106.46	3773361.64	384.18	384.18
DISCCART	463093.70	3773367.49	384.37	384.37
DISCCART	463080.95	3773373.33	384.57	384.57
DISCCART	463068.19	3773379.17	384.76	384.76
DISCCART	463055.44	3773385.02	384.96	384.96
DISCCART	463042.68	3773390.86	385.00	385.00
DISCCART	463130.35	3773347.36	384.00	384.00
DISCCART	463134.25	3773368.91	384.42	384.42
DISCCART	463121.26	3773374.86	384.62	384.62
DISCCART	463108.28	3773380.81	384.82	384.82
DISCCART	463095.30	3773386.76	385.00	385.00
DISCCART	463082.32	3773392.70	385.00	385.00
DISCCART	463069.33	3773398.65	385.00	385.00
DISCCART	463056.35	3773404.60	385.00	385.00
DISCCART	463043.37	3773410.55	385.00	385.00
DISCCART	463145.50	3773360.42	384.14	384.14
DISCCART	463149.30	3773382.02	384.86	384.86
DISCCART	463136.13	3773388.05	385.00	385.00
DISCCART	463122.96	3773394.08	385.00	385.00
DISCCART	463109.79	3773400.12	385.00	385.00
DISCCART	463096.62	3773406.15	385.00	385.00
DISCCART	463083.44	3773412.19	385.00	385.00
DISCCART	463070.27	3773418.22	385.06	385.06
DISCCART	463057.10	3773424.25	385.26	385.26
DISCCART	463043.93	3773430.29	385.47	385.47
DISCCART	463160.64	3773373.48	384.57	384.57

DISCCART	463164.62	3773395.00	385.00	385.00
DISCCART	463151.81	3773400.87	385.00	385.00
DISCCART	463138.99	3773406.74	385.00	385.00
DISCCART	463126.17	3773412.61	385.00	385.00
DISCCART	463113.36	3773418.48	385.07	385.07
DISCCART	463100.54	3773424.35	385.27	385.27
DISCCART	463087.72	3773430.23	385.46	385.46
DISCCART	463074.91	3773436.10	385.66	385.66
DISCCART	463062.09	3773441.97	385.85	385.85
DISCCART	463049.28	3773447.84	386.00	386.00
DISCCART	463175.79	3773386.54	385.00	385.00
DISCCART	463179.68	3773408.10	385.00	385.00
DISCCART	463166.70	3773414.04	385.00	385.00
DISCCART	463153.72	3773419.99	385.12	385.12
DISCCART	463140.74	3773425.94	385.32	385.32
DISCCART	463127.75	3773431.89	385.52	385.52
DISCCART	463114.77	3773437.83	385.72	385.72
DISCCART	463101.79	3773443.78	385.91	385.91
DISCCART	463088.81	3773449.73	386.00	386.00
DISCCART	463075.82	3773455.68	386.00	386.00
DISCCART	463190.94	3773399.60	385.00	385.00
DISCCART	463194.76	3773421.19	385.16	385.16
DISCCART	463181.63	3773427.20	385.36	385.36
DISCCART	463168.51	3773433.22	385.56	385.56
DISCCART	463155.38	3773439.23	385.76	385.76
DISCCART	463142.25	3773445.24	385.96	385.96
DISCCART	463129.12	3773451.26	386.00	386.00
DISCCART	463116.00	3773457.27	386.00	386.00
DISCCART	463206.08	3773412.66	385.00	385.00
DISCCART	463209.84	3773434.28	385.60	385.60
DISCCART	463196.59	3773440.35	385.80	385.80
DISCCART	463183.34	3773446.42	386.00	386.00
DISCCART	463170.08	3773452.49	386.00	386.00
DISCCART	463156.83	3773458.57	386.00	386.00
DISCCART	463221.23	3773425.72	385.31	385.31
DISCCART	463225.12	3773447.28	386.00	386.00
DISCCART	463212.14	3773453.23	386.00	386.00
DISCCART	463199.16	3773459.17	386.00	386.00
DISCCART	463236.37	3773438.78	385.75	385.75
DISCCART	463259.09	3773458.38	386.00	386.00
DISCCART	463037.17	3773873.39	392.81	392.81
DISCCART	463129.86	3773870.92	392.15	392.15
DISCCART	463116.66	3773876.97	392.35	392.35
DISCCART	463103.45	3773883.02	392.56	392.56
DISCCART	463090.25	3773889.07	392.76	392.76
DISCCART	463077.04	3773895.12	392.96	392.96
DISCCART	463063.84	3773901.17	393.00	393.00
DISCCART	463050.64	3773907.22	393.00	393.00
DISCCART	463037.43	3773913.27	393.00	393.00
DISCCART	463214.64	3773872.08	392.00	392.00
DISCCART	463201.50	3773878.10	392.11	392.11
DISCCART	463188.37	3773884.12	392.42	392.42
DISCCART	463175.23	3773890.14	392.79	392.79
DISCCART	463162.09	3773896.16	392.99	392.99
DISCCART	463148.95	3773902.18	393.00	393.00
DISCCART	463135.81	3773908.20	393.00	393.00
DISCCART	463122.67	3773914.22	393.00	393.00
DISCCART	463109.53	3773920.23	393.00	393.00
DISCCART	463096.39	3773926.25	393.00	393.00
DISCCART	463083.25	3773932.27	393.20	393.20
DISCCART	463070.11	3773938.29	393.40	393.40
DISCCART	463056.98	3773944.31	393.60	393.60
DISCCART	463043.84	3773950.33	393.80	393.80
DISCCART	463308.74	3773868.97	391.72	391.72
DISCCART	463295.51	3773875.03	392.00	392.00
DISCCART	463282.28	3773881.09	392.00	392.00

DISCCART	463269.05	3773887.16	392.00	392.00
DISCCART	463255.81	3773893.22	392.00	392.00
DISCCART	463242.58	3773899.28	392.10	392.10
DISCCART	463229.35	3773905.34	392.30	392.30
DISCCART	463216.12	3773911.40	392.50	392.50
DISCCART	463202.89	3773917.46	392.77	392.77
DISCCART	463189.66	3773923.53	392.97	392.97
DISCCART	463176.43	3773929.59	393.11	393.11
DISCCART	463163.20	3773935.65	393.31	393.31
DISCCART	463149.96	3773941.71	393.51	393.51
DISCCART	463136.73	3773947.77	393.71	393.71
DISCCART	463123.50	3773953.83	393.92	393.92
DISCCART	463110.27	3773959.90	394.00	394.00
DISCCART	463097.04	3773965.96	394.00	394.00
DISCCART	463083.81	3773972.02	394.00	394.00
DISCCART	463070.58	3773978.08	394.00	394.00
DISCCART	463057.35	3773984.14	394.00	394.00
DISCCART	463044.11	3773990.20	394.13	394.13
DISCCART	463392.96	3773870.39	391.14	391.14
DISCCART	463379.79	3773876.42	391.34	391.34
DISCCART	463366.61	3773882.46	391.54	391.54
DISCCART	463353.44	3773888.49	391.74	391.74
DISCCART	463340.27	3773894.52	391.94	391.94
DISCCART	463327.10	3773900.56	392.01	392.01
DISCCART	463313.93	3773906.59	392.18	392.18
DISCCART	463300.76	3773912.63	392.52	392.52
DISCCART	463287.59	3773918.66	392.74	392.74
DISCCART	463274.42	3773924.69	392.95	392.95
DISCCART	463261.25	3773930.73	393.00	393.00
DISCCART	463248.08	3773936.76	393.00	393.00
DISCCART	463234.91	3773942.80	393.00	393.00
DISCCART	463221.74	3773948.83	393.00	393.00
DISCCART	463208.57	3773954.86	393.03	393.03
DISCCART	463195.40	3773960.90	393.56	393.56
DISCCART	463182.22	3773966.93	393.94	393.94
DISCCART	463169.05	3773972.97	394.00	394.00
DISCCART	463155.88	3773979.00	394.00	394.00
DISCCART	463142.71	3773985.03	394.00	394.00
DISCCART	463129.54	3773991.07	394.11	394.11
DISCCART	463116.37	3773997.10	394.36	394.36
DISCCART	463103.20	3774003.14	394.56	394.56
DISCCART	463090.03	3774009.17	394.76	394.76
DISCCART	463076.86	3774015.20	394.96	394.96
DISCCART	463063.69	3774021.24	395.00	395.00
DISCCART	463050.52	3774027.27	395.00	395.00
DISCCART	463408.64	3773903.20	392.00	392.00
DISCCART	463395.38	3773909.28	392.00	392.00
DISCCART	463382.13	3773915.35	392.00	392.00
DISCCART	463368.88	3773921.42	392.00	392.00
DISCCART	463355.63	3773927.49	392.04	392.04
DISCCART	463342.37	3773933.56	392.24	392.24
DISCCART	463329.12	3773939.63	392.45	392.45
DISCCART	463315.87	3773945.71	392.81	392.81
DISCCART	463302.61	3773951.78	392.99	392.99
DISCCART	463289.36	3773957.85	393.05	393.05
DISCCART	463276.11	3773963.92	393.25	393.25
DISCCART	463262.85	3773969.99	393.46	393.46
DISCCART	463249.60	3773976.06	393.66	393.66
DISCCART	463236.35	3773982.14	393.86	393.86
DISCCART	463223.10	3773988.21	394.00	394.00
DISCCART	463209.84	3773994.28	394.00	394.00
DISCCART	463196.59	3774000.35	394.00	394.00
DISCCART	463183.34	3774006.42	394.00	394.00
DISCCART	463170.08	3774012.49	394.00	394.00
DISCCART	463156.83	3774018.57	394.07	394.07
DISCCART	463143.58	3774024.64	394.42	394.42

DISCCART	463130.32	3774030.71	394.81	394.81
DISCCART	463117.07	3774036.78	395.00	395.00
DISCCART	463400.32	3773947.01	392.69	392.69
DISCCART	463387.13	3773953.06	392.89	392.89
DISCCART	463373.93	3773959.10	393.00	393.00
DISCCART	463360.73	3773965.15	393.00	393.00
DISCCART	463347.54	3773971.20	393.00	393.00
DISCCART	463334.34	3773977.24	393.00	393.00
DISCCART	463321.14	3773983.29	393.26	393.26
DISCCART	463307.95	3773989.33	393.75	393.75
DISCCART	463294.75	3773995.38	394.00	394.00
DISCCART	463281.55	3774001.43	394.00	394.00
DISCCART	463268.36	3774007.47	394.00	394.00
DISCCART	463255.16	3774013.52	394.00	394.00
DISCCART	463241.96	3774019.56	394.11	394.11
DISCCART	463228.77	3774025.61	394.31	394.31
DISCCART	463215.57	3774031.66	394.51	394.51
DISCCART	463202.37	3774037.70	394.71	394.71
DISCCART	463096.80	3774086.07	396.00	396.00
DISCCART	463083.60	3774092.11	396.00	396.00
DISCCART	463070.40	3774098.16	396.00	396.00
DISCCART	463057.21	3774104.21	396.00	396.00
DISCCART	463044.01	3774110.25	396.13	396.13
DISCCART	463510.54	3773936.52	391.98	391.98
DISCCART	463497.39	3773942.54	392.00	392.00
DISCCART	463484.24	3773948.57	392.00	392.00
DISCCART	463471.10	3773954.59	392.27	392.27
DISCCART	463457.95	3773960.61	392.76	392.76
DISCCART	463444.81	3773966.63	393.00	393.00
DISCCART	463405.37	3773984.70	393.00	393.00
DISCCART	463392.22	3773990.72	393.15	393.15
DISCCART	463379.08	3773996.75	393.35	393.35
DISCCART	463365.93	3774002.77	393.55	393.55
DISCCART	463352.79	3774008.79	393.75	393.75
DISCCART	463339.64	3774014.81	393.95	393.95
DISCCART	463326.49	3774020.84	394.15	394.15
DISCCART	463313.35	3774026.86	394.35	394.35
DISCCART	463300.20	3774032.88	394.55	394.55
DISCCART	463287.06	3774038.90	394.75	394.75
DISCCART	463195.04	3774081.06	395.16	395.16
DISCCART	463181.89	3774087.09	395.36	395.36
DISCCART	463168.74	3774093.11	395.56	395.56
DISCCART	463155.60	3774099.13	395.76	395.76
DISCCART	463142.45	3774105.15	395.97	395.97
DISCCART	463129.31	3774111.18	396.11	396.11
DISCCART	463116.16	3774117.20	396.36	396.36
DISCCART	463103.01	3774123.22	396.56	396.56
DISCCART	463089.87	3774129.24	396.76	396.76
DISCCART	463076.72	3774135.27	396.96	396.96
DISCCART	463063.58	3774141.29	397.00	397.00
DISCCART	463050.43	3774147.31	397.00	397.00
DISCCART	463037.28	3774153.33	397.00	397.00
DISCCART	463605.87	3773932.85	390.84	390.84
DISCCART	463592.65	3773938.90	391.10	391.10
DISCCART	463579.43	3773944.96	391.42	391.42
DISCCART	463566.21	3773951.01	391.82	391.82
DISCCART	463552.99	3773957.07	392.00	392.00
DISCCART	463539.77	3773963.13	392.00	392.00
DISCCART	463526.56	3773969.18	392.19	392.19
DISCCART	463513.34	3773975.24	392.55	392.55
DISCCART	463500.12	3773981.29	392.83	392.83
DISCCART	463486.90	3773987.35	393.00	393.00
DISCCART	463473.68	3773993.41	393.00	393.00
DISCCART	463460.46	3773999.46	393.00	393.00
DISCCART	463447.24	3774005.52	393.05	393.05
DISCCART	463394.37	3774029.74	394.00	394.00

DISCCART	463381.15	3774035.80	394.00	394.00
DISCCART	463275.40	3774084.24	395.00	395.00
DISCCART	463262.18	3774090.30	395.12	395.12
DISCCART	463248.96	3774096.36	395.46	395.46
DISCCART	463235.75	3774102.41	395.87	395.87
DISCCART	463222.53	3774108.47	396.00	396.00
DISCCART	463209.31	3774114.52	396.00	396.00
DISCCART	463196.09	3774120.58	396.00	396.00
DISCCART	463182.87	3774126.64	396.00	396.00
DISCCART	463169.65	3774132.69	396.00	396.00
DISCCART	463156.43	3774138.75	396.08	396.08
DISCCART	463143.22	3774144.80	396.44	396.44
DISCCART	463130.00	3774150.86	396.82	396.82
DISCCART	463116.78	3774156.91	397.00	397.00
DISCCART	463103.56	3774162.97	397.00	397.00
DISCCART	463090.34	3774169.03	397.09	397.09
DISCCART	463077.12	3774175.08	397.29	397.29
DISCCART	463063.90	3774181.14	397.49	397.49
DISCCART	463050.69	3774187.19	397.70	397.70
DISCCART	463037.47	3774193.25	397.90	397.90
DISCCART	463689.30	3773934.62	390.28	390.28
DISCCART	463676.13	3773940.66	390.48	390.48
DISCCART	463662.96	3773946.69	390.68	390.68
DISCCART	463649.79	3773952.73	390.88	390.88
DISCCART	463636.61	3773958.76	391.00	391.00
DISCCART	463623.44	3773964.79	391.06	391.06
DISCCART	463610.27	3773970.83	391.31	391.31
DISCCART	463597.10	3773976.86	391.71	391.71
DISCCART	463583.93	3773982.90	391.95	391.95
DISCCART	463570.76	3773988.93	392.00	392.00
DISCCART	463557.59	3773994.96	392.12	392.12
DISCCART	463544.42	3774001.00	392.41	392.41
DISCCART	463531.25	3774007.03	392.78	392.78
DISCCART	463518.08	3774013.07	392.97	392.97
DISCCART	463504.91	3774019.10	393.01	393.01
DISCCART	463491.74	3774025.13	393.18	393.18
DISCCART	463478.57	3774031.17	393.49	393.49
DISCCART	463465.40	3774037.20	393.70	393.70
DISCCART	463452.22	3774043.24	393.90	393.90
DISCCART	463360.03	3774085.47	395.30	395.30
DISCCART	463346.86	3774091.51	395.51	395.51
DISCCART	463333.69	3774097.54	395.71	395.71
DISCCART	463320.52	3774103.58	395.63	395.63
DISCCART	463307.35	3774109.61	395.34	395.34
DISCCART	463294.18	3774115.64	395.31	395.31
DISCCART	463281.01	3774121.68	395.51	395.51
DISCCART	463267.83	3774127.71	395.73	395.73
DISCCART	463254.66	3774133.75	395.96	395.96
DISCCART	463241.49	3774139.78	396.11	396.11
DISCCART	463228.32	3774145.81	396.32	396.32
DISCCART	463215.15	3774151.85	396.52	396.52
DISCCART	463201.98	3774157.88	396.72	396.72
DISCCART	463188.81	3774163.91	396.92	396.92
DISCCART	463175.64	3774169.95	397.00	397.00
DISCCART	463162.47	3774175.98	397.00	397.00
DISCCART	463149.30	3774182.02	397.01	397.01
DISCCART	463136.13	3774188.05	397.33	397.33
DISCCART	463122.96	3774194.08	397.82	397.82
DISCCART	463109.79	3774200.12	398.00	398.00
DISCCART	463096.62	3774206.15	398.00	398.00
DISCCART	463083.44	3774212.19	398.00	398.00
DISCCART	463070.27	3774218.22	398.00	398.00
DISCCART	463057.10	3774224.25	398.00	398.00
DISCCART	463043.93	3774230.29	398.13	398.13
DISCCART	463039.16	3773233.39	382.90	382.90
DISCCART	463039.14	3773223.97	382.59	382.59

DISCCART	463039.12	3773214.54	382.27	382.27
DISCCART	463039.10	3773205.12	382.00	382.00
DISCCART	463039.08	3773195.70	382.00	382.00
DISCCART	463039.07	3773186.28	382.00	382.00
DISCCART	463039.05	3773176.86	382.00	382.00
DISCCART	463039.03	3773167.43	381.70	381.70
DISCCART	463039.01	3773158.01	381.39	381.39
DISCCART	463038.99	3773148.59	381.08	381.08
DISCCART	463049.16	3773233.37	382.90	382.90
DISCCART	463049.14	3773223.95	382.59	382.59
DISCCART	463049.12	3773214.52	382.27	382.27
DISCCART	463049.10	3773205.10	382.00	382.00
DISCCART	463049.08	3773195.68	382.00	382.00
DISCCART	463049.07	3773186.26	382.00	382.00
DISCCART	463049.05	3773176.84	382.00	382.00
DISCCART	463049.03	3773167.41	381.70	381.70
DISCCART	463049.01	3773157.99	381.39	381.39
DISCCART	463048.99	3773148.57	381.07	381.07
DISCCART	463059.16	3773233.35	382.90	382.90
DISCCART	463059.14	3773223.93	382.59	382.59
DISCCART	463059.12	3773214.50	382.27	382.27
DISCCART	463059.10	3773205.08	382.00	382.00
DISCCART	463059.08	3773195.66	382.00	382.00
DISCCART	463059.07	3773186.24	382.00	382.00
DISCCART	463059.05	3773176.82	382.00	382.00
DISCCART	463059.03	3773167.39	381.70	381.70
DISCCART	463059.01	3773157.97	381.39	381.39
DISCCART	463058.99	3773148.55	381.07	381.07
DISCCART	463069.16	3773233.33	382.90	382.90
DISCCART	463069.14	3773223.91	382.59	382.59
DISCCART	463069.12	3773214.48	382.27	382.27
DISCCART	463069.10	3773205.06	382.00	382.00
DISCCART	463069.08	3773195.64	382.00	382.00
DISCCART	463069.07	3773186.22	382.00	382.00
DISCCART	463069.05	3773176.80	382.00	382.00
DISCCART	463069.03	3773167.37	381.70	381.70
DISCCART	463069.01	3773157.95	381.39	381.39
DISCCART	463068.99	3773148.53	381.07	381.07
DISCCART	463079.16	3773233.31	382.90	382.90
DISCCART	463079.14	3773223.88	382.58	382.58
DISCCART	463079.12	3773214.46	382.27	382.27
DISCCART	463079.10	3773205.04	382.00	382.00
DISCCART	463079.08	3773195.62	382.00	382.00
DISCCART	463079.07	3773186.20	382.00	382.00
DISCCART	463079.05	3773176.77	382.00	382.00
DISCCART	463079.03	3773167.35	381.70	381.70
DISCCART	463079.01	3773157.93	381.39	381.39
DISCCART	463078.99	3773148.51	381.07	381.07
DISCCART	463073.00	3773286.38	383.00	383.00
DISCCART	463089.16	3773233.29	382.90	382.90
DISCCART	463089.14	3773223.86	382.58	382.58
DISCCART	463089.12	3773214.44	382.27	382.27
DISCCART	463089.10	3773205.02	382.00	382.00
DISCCART	463089.08	3773195.60	382.00	382.00
DISCCART	463089.07	3773186.18	382.00	382.00
DISCCART	463089.05	3773176.75	382.00	382.00
DISCCART	463089.03	3773167.33	381.70	381.70
DISCCART	463089.01	3773157.91	381.39	381.39
DISCCART	463088.99	3773148.49	381.07	381.07
DISCCART	463080.46	3773293.22	383.00	383.00
DISCCART	463099.16	3773233.27	382.90	382.90
DISCCART	463099.14	3773223.84	382.58	382.58
DISCCART	463099.12	3773214.42	382.27	382.27
DISCCART	463099.10	3773205.00	382.00	382.00
DISCCART	463099.08	3773195.58	382.00	382.00
DISCCART	463099.07	3773186.16	382.00	382.00

DISCCART	463099.05	3773176.73	382.00	382.00
DISCCART	463099.03	3773167.31	381.70	381.70
DISCCART	463099.01	3773157.89	381.39	381.39
DISCCART	463098.99	3773148.47	381.07	381.07
DISCCART	463094.01	3773283.61	383.00	383.00
DISCCART	463109.16	3773233.25	382.90	382.90
DISCCART	463109.14	3773223.82	382.58	382.58
DISCCART	463109.12	3773214.40	382.27	382.27
DISCCART	463109.10	3773204.98	382.00	382.00
DISCCART	463109.08	3773195.56	382.00	382.00
DISCCART	463109.07	3773186.14	382.00	382.00
DISCCART	463109.05	3773176.71	382.00	382.00
DISCCART	463109.03	3773167.29	381.70	381.70
DISCCART	463109.01	3773157.87	381.38	381.38
DISCCART	463108.99	3773148.45	381.07	381.07
DISCCART	463113.00	3773286.30	383.00	383.00
DISCCART	463109.77	3773295.03	383.00	383.00
DISCCART	463106.53	3773303.77	383.25	383.25
DISCCART	463103.29	3773312.50	383.54	383.54
DISCCART	463129.16	3773233.21	382.61	382.61
DISCCART	463129.14	3773223.78	382.40	382.40
DISCCART	463129.12	3773214.36	382.18	382.18
DISCCART	463129.10	3773204.94	382.00	382.00
DISCCART	463129.08	3773195.52	382.00	382.00
DISCCART	463129.07	3773186.10	382.00	382.00
DISCCART	463129.05	3773176.67	382.00	382.00
DISCCART	463129.03	3773167.25	381.70	381.70
DISCCART	463129.01	3773157.83	381.38	381.38
DISCCART	463128.99	3773148.41	381.07	381.07
DISCCART	463130.65	3773292.61	383.00	383.00
DISCCART	463127.56	3773300.95	383.15	383.15
DISCCART	463121.38	3773317.62	383.71	383.71
DISCCART	463149.16	3773233.17	382.01	382.01
DISCCART	463149.14	3773223.74	382.01	382.01
DISCCART	463149.12	3773214.32	382.00	382.00
DISCCART	463149.10	3773204.90	382.00	382.00
DISCCART	463149.08	3773195.48	382.00	382.00
DISCCART	463149.07	3773186.06	382.00	382.00
DISCCART	463149.05	3773176.63	382.00	382.00
DISCCART	463149.03	3773167.21	381.70	381.70
DISCCART	463149.01	3773157.79	381.38	381.38
DISCCART	463148.99	3773148.37	381.07	381.07
DISCCART	463153.00	3773286.22	383.00	383.00
DISCCART	463149.77	3773294.95	383.00	383.00
DISCCART	463146.53	3773303.69	383.25	383.25
DISCCART	463143.29	3773312.42	383.54	383.54
DISCCART	463140.06	3773321.16	383.83	383.83
DISCCART	463136.82	3773329.89	384.00	384.00
DISCCART	463133.59	3773338.62	384.00	384.00
DISCCART	463169.16	3773233.13	382.58	382.58
DISCCART	463169.14	3773223.70	382.38	382.38
DISCCART	463169.12	3773214.28	382.17	382.17
DISCCART	463169.10	3773204.86	382.00	382.00
DISCCART	463169.08	3773195.44	382.00	382.00
DISCCART	463169.07	3773186.02	382.00	382.00
DISCCART	463169.05	3773176.59	382.00	382.00
DISCCART	463169.03	3773167.17	381.69	381.69
DISCCART	463169.01	3773157.75	381.38	381.38
DISCCART	463168.99	3773148.33	381.07	381.07
DISCCART	463170.46	3773293.04	383.00	383.00
DISCCART	463167.34	3773301.46	383.17	383.17
DISCCART	463164.22	3773309.89	383.45	383.45
DISCCART	463157.98	3773326.73	384.00	384.00
DISCCART	463154.86	3773335.15	384.00	384.00
DISCCART	463148.62	3773352.00	384.00	384.00
DISCCART	463189.16	3773233.09	382.89	382.89

DISCCART	463189.14	3773223.66	382.58	382.58
DISCCART	463189.12	3773214.24	382.26	382.26
DISCCART	463189.10	3773204.82	381.98	381.98
DISCCART	463189.08	3773195.40	381.89	381.89
DISCCART	463189.07	3773185.98	381.79	381.79
DISCCART	463189.05	3773176.55	381.69	381.69
DISCCART	463189.03	3773167.13	381.48	381.48
DISCCART	463189.01	3773157.71	381.26	381.26
DISCCART	463188.99	3773148.29	381.04	381.04
DISCCART	463193.00	3773286.14	383.29	383.29
DISCCART	463189.77	3773294.87	383.32	383.32
DISCCART	463186.53	3773303.61	383.42	383.42
DISCCART	463183.29	3773312.34	383.59	383.59
DISCCART	463180.06	3773321.07	383.83	383.83
DISCCART	463176.82	3773329.81	384.00	384.00
DISCCART	463173.59	3773338.54	384.00	384.00
DISCCART	463170.35	3773347.28	384.00	384.00
DISCCART	463167.11	3773356.01	384.00	384.00
DISCCART	463163.88	3773364.75	384.28	384.28
DISCCART	463209.16	3773233.04	382.89	382.89
DISCCART	463209.14	3773223.62	382.58	382.58
DISCCART	463209.12	3773214.20	382.26	382.26
DISCCART	463209.10	3773204.78	381.95	381.95
DISCCART	463209.08	3773195.36	381.64	381.64
DISCCART	463209.07	3773185.93	381.33	381.33
DISCCART	463209.05	3773176.51	381.03	381.03
DISCCART	463209.03	3773167.09	381.01	381.01
DISCCART	463209.01	3773157.67	381.01	381.01
DISCCART	463208.99	3773148.25	381.00	381.00
DISCCART	463213.48	3773284.81	383.62	383.62
DISCCART	463210.34	3773293.29	383.90	383.90
DISCCART	463207.20	3773301.77	383.93	383.93
DISCCART	463204.05	3773310.24	383.90	383.90
DISCCART	463200.91	3773318.72	383.93	383.93
DISCCART	463197.77	3773327.20	384.00	384.00
DISCCART	463194.63	3773335.68	384.00	384.00
DISCCART	463191.49	3773344.15	384.00	384.00
DISCCART	463188.35	3773352.63	384.00	384.00
DISCCART	463182.07	3773369.59	384.44	384.44
DISCCART	463178.93	3773378.06	384.72	384.72
DISCCART	463229.16	3773233.00	382.89	382.89
DISCCART	463229.14	3773223.58	382.57	382.57
DISCCART	463229.12	3773214.16	382.26	382.26
DISCCART	463229.10	3773204.74	381.95	381.95
DISCCART	463229.08	3773195.32	381.63	381.63
DISCCART	463229.07	3773185.89	381.32	381.32
DISCCART	463229.05	3773176.47	381.00	381.00
DISCCART	463229.03	3773167.05	381.00	381.00
DISCCART	463229.01	3773157.63	381.00	381.00
DISCCART	463228.99	3773148.21	381.00	381.00
DISCCART	463233.00	3773286.06	383.66	383.66
DISCCART	463229.76	3773294.79	383.95	383.95
DISCCART	463226.53	3773303.53	384.00	384.00
DISCCART	463223.29	3773312.26	384.00	384.00
DISCCART	463220.06	3773320.99	384.00	384.00
DISCCART	463216.82	3773329.73	384.03	384.03
DISCCART	463213.59	3773338.46	384.05	384.05
DISCCART	463210.35	3773347.20	384.02	384.02
DISCCART	463207.11	3773355.93	384.00	384.00
DISCCART	463203.88	3773364.66	384.28	384.28
DISCCART	463200.64	3773373.40	384.57	384.57
DISCCART	463197.41	3773382.13	384.86	384.86
DISCCART	463194.17	3773390.87	385.00	385.00
DISCCART	463249.16	3773232.96	382.61	382.61
DISCCART	463249.14	3773223.54	382.39	382.39
DISCCART	463249.12	3773214.12	382.18	382.18

DISCCART	463249.10	3773204.70	381.95	381.95
DISCCART	463249.08	3773195.28	381.63	381.63
DISCCART	463249.07	3773185.85	381.32	381.32
DISCCART	463249.05	3773176.43	381.00	381.00
DISCCART	463249.03	3773167.01	381.00	381.00
DISCCART	463249.01	3773157.59	381.00	381.00
DISCCART	463248.99	3773148.17	381.00	381.00
DISCCART	463253.41	3773284.92	383.62	383.62
DISCCART	463250.25	3773293.44	383.90	383.90
DISCCART	463247.10	3773301.96	384.00	384.00
DISCCART	463243.94	3773310.47	384.00	384.00
DISCCART	463240.79	3773318.99	384.00	384.00
DISCCART	463237.63	3773327.50	384.04	384.04
DISCCART	463234.48	3773336.02	384.27	384.27
DISCCART	463231.32	3773344.54	384.44	384.44
DISCCART	463228.17	3773353.05	384.55	384.55
DISCCART	463225.01	3773361.57	384.60	384.60
DISCCART	463221.86	3773370.08	384.68	384.68
DISCCART	463218.70	3773378.60	384.82	384.82
DISCCART	463215.55	3773387.12	385.00	385.00
DISCCART	463212.39	3773395.63	385.00	385.00
DISCCART	463209.24	3773404.15	385.00	385.00
DISCCART	463269.16	3773232.92	382.01	382.01
DISCCART	463269.14	3773223.50	382.01	382.01
DISCCART	463269.12	3773214.08	382.00	382.00
DISCCART	463269.10	3773204.66	381.94	381.94
DISCCART	463269.08	3773195.24	381.63	381.63
DISCCART	463269.07	3773185.81	381.32	381.32
DISCCART	463269.05	3773176.39	381.00	381.00
DISCCART	463269.03	3773166.97	381.00	381.00
DISCCART	463269.01	3773157.55	381.00	381.00
DISCCART	463268.99	3773148.13	381.00	381.00
DISCCART	463273.00	3773285.98	383.65	383.65
DISCCART	463269.76	3773294.71	383.95	383.95
DISCCART	463266.53	3773303.44	384.00	384.00
DISCCART	463263.29	3773312.18	384.00	384.00
DISCCART	463260.06	3773320.91	384.00	384.00
DISCCART	463256.82	3773329.65	384.11	384.11
DISCCART	463253.59	3773338.38	384.40	384.40
DISCCART	463250.35	3773347.12	384.69	384.69
DISCCART	463247.11	3773355.85	384.98	384.98
DISCCART	463243.88	3773364.58	385.00	385.00
DISCCART	463240.64	3773373.32	385.00	385.00
DISCCART	463237.41	3773382.05	384.99	384.99
DISCCART	463234.17	3773390.79	385.00	385.00
DISCCART	463230.94	3773399.52	385.00	385.00
DISCCART	463227.70	3773408.26	385.00	385.00
DISCCART	463224.46	3773416.99	385.02	385.02
DISCCART	463289.16	3773232.88	382.00	382.00
DISCCART	463289.14	3773223.46	382.00	382.00
DISCCART	463289.12	3773214.04	382.00	382.00
DISCCART	463289.10	3773204.62	381.94	381.94
DISCCART	463289.08	3773195.20	381.63	381.63
DISCCART	463289.07	3773185.77	381.31	381.31
DISCCART	463289.05	3773176.35	381.00	381.00
DISCCART	463289.03	3773166.93	381.00	381.00
DISCCART	463289.01	3773157.51	381.00	381.00
DISCCART	463288.99	3773148.09	381.00	381.00
DISCCART	463293.35	3773284.99	383.62	383.62
DISCCART	463290.19	3773293.53	383.91	383.91
DISCCART	463287.02	3773302.08	384.00	384.00
DISCCART	463283.86	3773310.62	384.00	384.00
DISCCART	463280.69	3773319.16	384.00	384.00
DISCCART	463277.53	3773327.71	384.03	384.03
DISCCART	463274.36	3773336.25	384.28	384.28
DISCCART	463271.19	3773344.80	384.58	384.58

DISCCART	463268.03	3773353.34	384.90	384.90
DISCCART	463264.86	3773361.89	385.00	385.00
DISCCART	463261.70	3773370.43	385.00	385.00
DISCCART	463258.53	3773378.97	385.00	385.00
DISCCART	463255.37	3773387.52	385.00	385.00
DISCCART	463252.20	3773396.06	385.00	385.00
DISCCART	463249.04	3773404.61	385.00	385.00
DISCCART	463245.87	3773413.15	385.00	385.00
DISCCART	463242.71	3773421.70	385.18	385.18
DISCCART	463239.54	3773430.24	385.46	385.46
DISCCART	463309.16	3773232.84	382.00	382.00
DISCCART	463309.14	3773223.42	382.00	382.00
DISCCART	463309.12	3773214.00	382.00	382.00
DISCCART	463309.10	3773204.58	381.94	381.94
DISCCART	463309.08	3773195.16	381.63	381.63
DISCCART	463309.07	3773185.73	381.31	381.31
DISCCART	463309.05	3773176.31	381.00	381.00
DISCCART	463309.03	3773166.89	381.00	381.00
DISCCART	463309.01	3773157.47	381.00	381.00
DISCCART	463308.99	3773148.05	381.00	381.00
DISCCART	463323.16	3773285.44	383.14	383.14
DISCCART	463319.96	3773294.09	383.30	383.30
DISCCART	463316.76	3773302.73	383.55	383.55
DISCCART	463313.55	3773311.38	383.77	383.77
DISCCART	463310.35	3773320.03	383.93	383.93
DISCCART	463307.15	3773328.67	384.00	384.00
DISCCART	463303.94	3773337.32	384.00	384.00
DISCCART	463300.74	3773345.97	384.00	384.00
DISCCART	463297.54	3773354.61	384.07	384.07
DISCCART	463294.33	3773363.26	384.37	384.37
DISCCART	463291.13	3773371.91	384.66	384.66
DISCCART	463287.92	3773380.55	384.88	384.88
DISCCART	463284.72	3773389.20	385.00	385.00
DISCCART	463281.52	3773397.85	385.00	385.00
DISCCART	463278.31	3773406.49	385.00	385.00
DISCCART	463275.11	3773415.14	385.00	385.00
DISCCART	463271.91	3773423.79	385.25	385.25
DISCCART	463268.70	3773432.44	385.54	385.54
DISCCART	463265.50	3773441.08	385.82	385.82
DISCCART	463262.30	3773449.73	386.00	386.00
DISCCART	463339.16	3773232.78	382.00	382.00
DISCCART	463339.14	3773223.36	382.00	382.00
DISCCART	463339.12	3773213.94	382.00	382.00
DISCCART	463339.10	3773204.52	381.94	381.94
DISCCART	463339.08	3773195.09	381.63	381.63
DISCCART	463339.07	3773185.67	381.31	381.31
DISCCART	463339.05	3773176.25	381.00	381.00
DISCCART	463339.03	3773166.83	381.00	381.00
DISCCART	463339.01	3773157.41	381.00	381.00
DISCCART	463338.99	3773147.98	381.00	381.00
DISCCART	463353.00	3773285.82	383.00	383.00
DISCCART	463349.76	3773294.55	383.00	383.00
DISCCART	463346.53	3773303.28	383.23	383.23
DISCCART	463343.29	3773312.02	383.52	383.52
DISCCART	463340.06	3773320.75	383.81	383.81
DISCCART	463336.82	3773329.49	384.00	384.00
DISCCART	463333.59	3773338.22	384.00	384.00
DISCCART	463330.35	3773346.95	384.00	384.00
DISCCART	463327.11	3773355.69	384.00	384.00
DISCCART	463323.88	3773364.42	384.27	384.27
DISCCART	463320.64	3773373.16	384.56	384.56
DISCCART	463317.41	3773381.89	384.85	384.85
DISCCART	463314.17	3773390.63	385.00	385.00
DISCCART	463310.94	3773399.36	385.00	385.00
DISCCART	463307.70	3773408.09	385.00	385.00
DISCCART	463304.46	3773416.83	385.01	385.01

DISCCART	463301.23	3773425.56	385.29	385.29
DISCCART	463297.99	3773434.30	385.60	385.60
DISCCART	463294.76	3773443.03	385.89	385.89
DISCCART	463291.52	3773451.76	386.00	386.00
DISCCART	463369.16	3773232.72	382.00	382.00
DISCCART	463369.14	3773223.30	382.00	382.00
DISCCART	463369.12	3773213.88	382.00	382.00
DISCCART	463369.10	3773204.46	381.94	381.94
DISCCART	463369.08	3773195.03	381.62	381.62
DISCCART	463369.07	3773185.61	381.31	381.31
DISCCART	463369.05	3773176.19	381.00	381.00
DISCCART	463369.03	3773166.77	381.00	381.00
DISCCART	463369.01	3773157.35	381.00	381.00
DISCCART	463368.99	3773147.92	381.00	381.00
DISCCART	463382.86	3773286.13	383.00	383.00
DISCCART	463379.60	3773294.94	383.00	383.00
DISCCART	463376.33	3773303.75	383.25	383.25
DISCCART	463373.07	3773312.56	383.54	383.54
DISCCART	463369.81	3773321.37	383.83	383.83
DISCCART	463366.54	3773330.18	384.00	384.00
DISCCART	463363.28	3773338.99	384.00	384.00
DISCCART	463360.02	3773347.80	384.00	384.00
DISCCART	463356.75	3773356.61	384.01	384.01
DISCCART	463353.49	3773365.42	384.30	384.30
DISCCART	463350.22	3773374.23	384.60	384.60
DISCCART	463346.96	3773383.04	384.89	384.89
DISCCART	463343.70	3773391.84	385.00	385.00
DISCCART	463340.43	3773400.65	385.00	385.00
DISCCART	463337.17	3773409.46	385.00	385.00
DISCCART	463333.91	3773418.27	385.00	385.00
DISCCART	463330.64	3773427.08	385.00	385.00
DISCCART	463327.38	3773435.89	385.05	385.05
DISCCART	463324.12	3773444.70	385.17	385.17
DISCCART	463320.85	3773453.51	385.46	385.46
DISCCART	463399.16	3773232.66	381.96	381.96
DISCCART	463399.14	3773223.24	381.86	381.86
DISCCART	463399.12	3773213.82	381.76	381.76
DISCCART	463399.10	3773204.40	381.64	381.64
DISCCART	463399.08	3773194.97	381.43	381.43
DISCCART	463399.07	3773185.55	381.21	381.21
DISCCART	463399.05	3773176.13	381.00	381.00
DISCCART	463399.03	3773166.71	380.90	380.90
DISCCART	463399.01	3773157.29	380.80	380.80
DISCCART	463398.99	3773147.86	380.70	380.70
DISCCART	463403.70	3773310.80	383.26	383.26
DISCCART	463400.51	3773319.40	383.49	383.49
DISCCART	463397.33	3773328.00	383.76	383.76
DISCCART	463394.14	3773336.60	383.90	383.90
DISCCART	463390.96	3773345.20	383.98	383.98
DISCCART	463387.77	3773353.79	384.00	384.00
DISCCART	463384.59	3773362.39	384.03	384.03
DISCCART	463381.40	3773370.99	384.13	384.13
DISCCART	463378.22	3773379.59	384.30	384.30
DISCCART	463375.03	3773388.18	384.52	384.52
DISCCART	463371.85	3773396.78	384.74	384.74
DISCCART	463368.66	3773405.38	384.89	384.89
DISCCART	463365.48	3773413.98	384.98	384.98
DISCCART	463362.29	3773422.58	385.00	385.00
DISCCART	463359.10	3773431.17	385.00	385.00
DISCCART	463355.92	3773439.77	385.00	385.00
DISCCART	463352.73	3773448.37	385.07	385.07
DISCCART	463349.55	3773456.97	385.35	385.35
DISCCART	463401.36	3773398.02	384.39	384.39
DISCCART	463398.15	3773406.69	384.68	384.68
DISCCART	463394.94	3773415.36	384.97	384.97
DISCCART	463391.73	3773424.03	385.00	385.00

DISCCART	463388.52	3773432.70	385.00	385.00
DISCCART	463385.30	3773441.37	385.00	385.00
DISCCART	463382.09	3773450.04	385.03	385.03
DISCCART	463459.18	3773241.96	381.74	381.74
DISCCART	463459.16	3773232.54	381.60	381.60
DISCCART	463459.14	3773223.12	381.38	381.38
DISCCART	463459.12	3773213.70	381.17	381.17
DISCCART	463459.10	3773204.27	380.98	380.98
DISCCART	463459.08	3773194.85	380.88	380.88
DISCCART	463459.07	3773185.43	380.78	380.78
DISCCART	463459.05	3773176.01	380.68	380.68
DISCCART	463459.03	3773166.59	380.46	380.46
DISCCART	463459.01	3773157.16	380.25	380.25
DISCCART	463458.99	3773147.74	380.03	380.03
DISCCART	463489.18	3773241.90	381.19	381.19
DISCCART	463489.16	3773232.48	381.00	381.00
DISCCART	463489.14	3773223.06	381.00	381.00
DISCCART	463489.12	3773213.64	381.00	381.00
DISCCART	463489.10	3773204.21	380.93	380.93
DISCCART	463489.08	3773194.79	380.62	380.62
DISCCART	463489.07	3773185.37	380.30	380.30
DISCCART	463489.05	3773175.95	380.00	380.00
DISCCART	463489.03	3773166.53	380.00	380.00
DISCCART	463489.01	3773157.10	380.00	380.00
DISCCART	463488.99	3773147.68	380.00	380.00
DISCCART	463519.18	3773241.84	381.18	381.18
DISCCART	463519.16	3773232.42	381.00	381.00
DISCCART	463519.14	3773223.00	381.00	381.00
DISCCART	463519.12	3773213.58	381.00	381.00
DISCCART	463519.10	3773204.15	380.93	380.93
DISCCART	463519.08	3773194.73	380.61	380.61
DISCCART	463519.06	3773185.31	380.30	380.30
DISCCART	463519.05	3773175.89	380.00	380.00
DISCCART	463519.03	3773166.47	379.90	379.90
DISCCART	463519.01	3773157.04	379.80	379.80
DISCCART	463518.99	3773147.62	379.70	379.70
DISCCART	463549.18	3773241.78	381.12	381.12
DISCCART	463549.16	3773232.36	380.96	380.96
DISCCART	463549.14	3773222.94	380.86	380.86
DISCCART	463549.12	3773213.52	380.76	380.76
DISCCART	463549.10	3773204.09	380.63	380.63
DISCCART	463549.08	3773194.67	380.42	380.42
DISCCART	463549.06	3773185.25	380.20	380.20
DISCCART	463549.05	3773175.83	379.98	379.98
DISCCART	463549.03	3773166.41	379.67	379.67
DISCCART	463549.01	3773156.98	379.35	379.35
DISCCART	463548.99	3773147.56	379.04	379.04
DISCCART	463579.18	3773241.72	381.00	381.00
DISCCART	463579.16	3773232.30	380.87	380.87
DISCCART	463579.14	3773222.88	380.55	380.55
DISCCART	463579.12	3773213.45	380.24	380.24
DISCCART	463579.10	3773204.03	379.98	379.98
DISCCART	463579.08	3773194.61	379.88	379.88
DISCCART	463579.06	3773185.19	379.78	379.78
DISCCART	463579.05	3773175.77	379.67	379.67
DISCCART	463579.03	3773166.34	379.46	379.46
DISCCART	463579.01	3773156.92	379.24	379.24
DISCCART	463578.99	3773147.50	379.03	379.03
DISCCART	463609.18	3773241.66	380.74	380.74
DISCCART	463609.16	3773232.24	380.59	380.59
DISCCART	463609.14	3773222.82	380.38	380.38
DISCCART	463609.12	3773213.39	380.16	380.16
DISCCART	463609.10	3773203.97	379.92	379.92
DISCCART	463609.08	3773194.55	379.61	379.61
DISCCART	463609.06	3773185.13	379.29	379.29
DISCCART	463609.05	3773175.71	378.99	378.99

DISCCART	463609.03	3773166.28	378.90	378.90
DISCCART	463609.01	3773156.86	378.80	378.80
DISCCART	463608.99	3773147.44	378.70	378.70
DISCCART	463649.16	3773232.16	380.00	380.00
DISCCART	463649.14	3773222.74	380.00	380.00
DISCCART	463649.12	3773213.31	380.00	380.00
DISCCART	463649.10	3773203.89	379.92	379.92
DISCCART	463649.08	3773194.47	379.60	379.60
DISCCART	463649.06	3773185.05	379.29	379.29
DISCCART	463649.05	3773175.63	378.98	378.98
DISCCART	463649.03	3773166.20	378.66	378.66
DISCCART	463649.01	3773156.78	378.35	378.35
DISCCART	463648.99	3773147.36	378.03	378.03
DISCCART	463689.16	3773232.08	380.00	380.00
DISCCART	463689.14	3773222.65	380.00	380.00
DISCCART	463689.12	3773213.23	380.00	380.00
DISCCART	463689.10	3773203.81	379.92	379.92
DISCCART	463689.08	3773194.39	379.60	379.60
DISCCART	463689.06	3773184.97	379.29	379.29
DISCCART	463689.05	3773175.54	378.97	378.97
DISCCART	463689.03	3773166.12	378.66	378.66
DISCCART	463689.01	3773156.70	378.35	378.35
DISCCART	463688.99	3773147.28	378.03	378.03
DISCCART	463729.16	3773232.00	379.86	379.86
DISCCART	463729.14	3773222.57	379.54	379.54
DISCCART	463729.12	3773213.15	379.23	379.23
DISCCART	463729.10	3773203.73	379.00	379.00
DISCCART	463729.08	3773194.31	379.00	379.00
DISCCART	463729.06	3773184.89	379.00	379.00
DISCCART	463729.05	3773175.46	378.98	378.98
DISCCART	463729.03	3773166.04	378.76	378.76
DISCCART	463729.01	3773156.62	378.55	378.55
DISCCART	463728.99	3773147.20	378.33	378.33
DISCCART	463769.16	3773231.92	379.85	379.85
DISCCART	463769.14	3773222.49	379.54	379.54
DISCCART	463769.12	3773213.07	379.22	379.22
DISCCART	463769.10	3773203.65	379.00	379.00
DISCCART	463769.08	3773194.23	379.00	379.00
DISCCART	463769.06	3773184.81	379.00	379.00
DISCCART	463769.05	3773175.38	379.00	379.00
DISCCART	463769.03	3773165.96	379.00	379.00
DISCCART	463769.01	3773156.54	379.00	379.00
DISCCART	463768.99	3773147.12	379.00	379.00
DISCCART	463809.16	3773231.83	379.85	379.85
DISCCART	463809.14	3773222.41	379.54	379.54
DISCCART	463809.12	3773212.99	379.22	379.22
DISCCART	463809.10	3773203.57	379.00	379.00
DISCCART	463809.08	3773194.15	379.00	379.00
DISCCART	463809.06	3773184.72	379.00	379.00
DISCCART	463809.05	3773175.30	379.00	379.00
DISCCART	463809.03	3773165.88	379.00	379.00
DISCCART	463809.01	3773156.46	379.00	379.00
DISCCART	463808.99	3773147.04	379.00	379.00
DISCCART	463849.16	3773231.75	379.85	379.85
DISCCART	463849.14	3773222.33	379.53	379.53
DISCCART	463849.12	3773212.91	379.22	379.22
DISCCART	463849.10	3773203.49	379.00	379.00
DISCCART	463849.08	3773194.07	379.00	379.00
DISCCART	463849.06	3773184.64	379.00	379.00
DISCCART	463849.05	3773175.22	378.96	378.96
DISCCART	463849.03	3773165.80	378.65	378.65
DISCCART	463849.01	3773156.38	378.33	378.33
DISCCART	463848.99	3773146.96	378.02	378.02
DISCCART	463889.18	3773241.10	380.00	380.00
DISCCART	463889.16	3773231.67	379.84	379.84
DISCCART	463889.14	3773222.25	379.53	379.53

DISCCART	463889.12	3773212.83	379.22	379.22
DISCCART	463889.10	3773203.41	379.00	379.00
DISCCART	463889.08	3773193.99	379.00	379.00
DISCCART	463889.06	3773184.56	379.00	379.00
DISCCART	463889.05	3773175.14	378.96	378.96
DISCCART	463889.03	3773165.72	378.65	378.65
DISCCART	463889.01	3773156.30	378.33	378.33
DISCCART	463888.99	3773146.88	378.02	378.02
DISCCART	463929.18	3773241.01	379.17	379.17
DISCCART	463929.16	3773231.59	379.01	379.01
DISCCART	463929.14	3773222.17	379.01	379.01
DISCCART	463929.12	3773212.75	379.00	379.00
DISCCART	463929.10	3773203.33	379.00	379.00
DISCCART	463929.08	3773193.90	379.00	379.00
DISCCART	463929.06	3773184.48	379.00	379.00
DISCCART	463929.05	3773175.06	378.96	378.96
DISCCART	463929.03	3773165.64	378.64	378.64
DISCCART	463929.01	3773156.22	378.33	378.33
DISCCART	463928.99	3773146.79	378.02	378.02
DISCCART	463969.18	3773240.93	379.10	379.10
DISCCART	463969.16	3773231.51	379.00	379.00
DISCCART	463969.14	3773222.09	379.00	379.00
DISCCART	463969.12	3773212.67	379.00	379.00
DISCCART	463969.10	3773203.25	378.97	378.97
DISCCART	463969.08	3773193.82	378.87	378.87
DISCCART	463969.06	3773184.40	378.77	378.77
DISCCART	463969.05	3773174.98	378.69	378.69
DISCCART	463969.03	3773165.56	378.69	378.69
DISCCART	463969.01	3773156.14	378.69	378.69
DISCCART	463968.99	3773146.71	378.69	378.69
DISCCART	464009.18	3773240.85	379.00	379.00
DISCCART	464009.16	3773231.43	378.89	378.89
DISCCART	464009.14	3773222.01	378.69	378.69
DISCCART	464009.12	3773212.59	378.49	378.49
DISCCART	464009.10	3773203.17	378.32	378.32
DISCCART	464009.08	3773193.74	378.20	378.20
DISCCART	464009.06	3773184.32	378.09	378.09
DISCCART	464009.04	3773174.90	378.00	378.00
DISCCART	464009.03	3773165.48	378.00	378.00
DISCCART	464009.01	3773156.06	378.00	378.00
DISCCART	464008.99	3773146.63	378.00	378.00
DISCCART	463008.97	3773138.65	381.00	381.00
DISCCART	462999.87	3773138.67	381.00	381.00
DISCCART	462990.77	3773138.69	381.00	381.00
DISCCART	462981.67	3773138.71	381.00	381.00
DISCCART	462972.57	3773138.73	381.00	381.00
DISCCART	462963.47	3773138.75	381.15	381.15
DISCCART	462954.38	3773138.76	381.38	381.38
DISCCART	462945.28	3773138.78	381.61	381.61
DISCCART	462936.18	3773138.80	381.75	381.75
DISCCART	462927.08	3773138.82	381.75	381.75
DISCCART	462917.98	3773138.84	381.75	381.75
DISCCART	462999.85	3773128.67	381.00	381.00
DISCCART	462990.75	3773128.69	381.00	381.00
DISCCART	462981.65	3773128.71	381.00	381.00
DISCCART	462972.55	3773128.73	381.00	381.00
DISCCART	462963.45	3773128.75	381.09	381.09
DISCCART	462954.35	3773128.76	381.21	381.21
DISCCART	462945.26	3773128.78	381.34	381.34
DISCCART	462936.16	3773128.80	381.42	381.42
DISCCART	462927.06	3773128.82	381.42	381.42
DISCCART	462917.96	3773128.84	381.42	381.42
DISCCART	463033.10	3773134.46	381.00	381.00
DISCCART	462999.83	3773118.67	381.00	381.00
DISCCART	462990.73	3773118.69	381.00	381.00
DISCCART	462981.63	3773118.71	381.00	381.00

DISCCART	462972.53	3773118.73	381.00	381.00
DISCCART	462963.43	3773118.75	381.02	381.02
DISCCART	462954.33	3773118.76	381.04	381.04
DISCCART	462945.23	3773118.78	381.07	381.07
DISCCART	462936.14	3773118.80	381.08	381.08
DISCCART	462927.04	3773118.82	381.08	381.08
DISCCART	462917.94	3773118.84	381.08	381.08
DISCCART	463040.16	3773127.37	381.00	381.00
DISCCART	462999.81	3773108.67	380.74	380.74
DISCCART	462990.71	3773108.69	380.82	380.82
DISCCART	462981.61	3773108.71	380.90	380.90
DISCCART	462972.51	3773108.73	380.98	380.98
DISCCART	462963.41	3773108.75	381.00	381.00
DISCCART	462954.31	3773108.76	381.00	381.00
DISCCART	462945.21	3773108.78	381.00	381.00
DISCCART	462936.11	3773108.80	381.00	381.00
DISCCART	462927.02	3773108.82	381.00	381.00
DISCCART	462917.92	3773108.84	381.00	381.00
DISCCART	463047.22	3773120.29	381.00	381.00
DISCCART	463053.10	3773134.42	381.00	381.00
DISCCART	462999.79	3773098.67	380.41	380.41
DISCCART	462990.69	3773098.69	380.59	380.59
DISCCART	462981.59	3773098.71	380.77	380.77
DISCCART	462972.49	3773098.73	380.94	380.94
DISCCART	462963.39	3773098.75	381.00	381.00
DISCCART	462954.29	3773098.76	381.00	381.00
DISCCART	462945.19	3773098.78	381.00	381.00
DISCCART	462936.09	3773098.80	381.00	381.00
DISCCART	462926.99	3773098.82	381.00	381.00
DISCCART	462917.90	3773098.84	381.00	381.00
DISCCART	463044.25	3773103.22	380.56	380.56
DISCCART	463054.27	3773113.20	380.90	380.90
DISCCART	463060.16	3773127.33	381.00	381.00
DISCCART	462999.77	3773088.67	380.08	380.08
DISCCART	462990.67	3773088.69	380.35	380.35
DISCCART	462981.57	3773088.71	380.63	380.63
DISCCART	462972.47	3773088.73	380.91	380.91
DISCCART	462963.37	3773088.75	381.00	381.00
DISCCART	462954.27	3773088.76	381.00	381.00
DISCCART	462945.17	3773088.78	381.00	381.00
DISCCART	462936.07	3773088.80	381.00	381.00
DISCCART	462926.97	3773088.82	381.00	381.00
DISCCART	462917.87	3773088.84	381.00	381.00
DISCCART	463033.61	3773088.85	380.08	380.08
DISCCART	463050.13	3773095.65	380.31	380.31
DISCCART	463061.82	3773107.29	380.70	380.70
DISCCART	463068.69	3773123.78	381.00	381.00
DISCCART	462999.74	3773078.67	380.00	380.00
DISCCART	462990.65	3773078.69	380.22	380.22
DISCCART	462981.55	3773078.71	380.45	380.45
DISCCART	462972.45	3773078.73	380.68	380.68
DISCCART	462963.35	3773078.75	380.75	380.75
DISCCART	462954.25	3773078.76	380.75	380.75
DISCCART	462945.15	3773078.78	380.75	380.75
DISCCART	462936.05	3773078.80	380.75	380.75
DISCCART	462926.95	3773078.82	380.75	380.75
DISCCART	462917.85	3773078.84	380.75	380.75
DISCCART	463033.09	3773078.64	380.00	380.00
DISCCART	463049.27	3773085.30	380.00	380.00
DISCCART	463068.81	3773100.04	380.46	380.46
DISCCART	463075.53	3773116.19	381.00	381.00
DISCCART	463082.26	3773132.34	381.00	381.00
DISCCART	462999.72	3773068.67	380.00	380.00
DISCCART	462990.62	3773068.69	380.12	380.12
DISCCART	462981.53	3773068.71	380.25	380.25
DISCCART	462972.43	3773068.73	380.37	380.37

DISCCART	462963.33	3773068.75	380.41	380.41
DISCCART	462954.23	3773068.76	380.41	380.41
DISCCART	462945.13	3773068.78	380.41	380.41
DISCCART	462936.03	3773068.80	380.42	380.42
DISCCART	462926.93	3773068.82	380.42	380.42
DISCCART	462917.83	3773068.84	380.42	380.42
DISCCART	463048.61	3773075.04	380.00	380.00
DISCCART	463064.54	3773081.60	380.00	380.00
DISCCART	463075.81	3773092.83	380.22	380.22
DISCCART	463082.43	3773108.73	380.75	380.75
DISCCART	463089.06	3773124.62	381.00	381.00
DISCCART	463048.10	3773064.84	380.00	380.00
DISCCART	463063.83	3773071.32	380.00	380.00
DISCCART	463082.83	3773085.64	380.00	380.00
DISCCART	463089.37	3773101.35	380.50	380.50
DISCCART	463095.91	3773117.05	381.00	381.00
DISCCART	463102.45	3773132.75	381.00	381.00
DISCCART	463047.34	3773044.55	379.77	379.77
DISCCART	463062.79	3773050.91	379.82	379.82
DISCCART	463078.23	3773057.26	380.00	380.00
DISCCART	463096.88	3773071.33	380.00	380.00
DISCCART	463103.30	3773086.75	380.01	380.01
DISCCART	463109.72	3773102.16	380.53	380.53
DISCCART	463116.15	3773117.58	381.00	381.00
DISCCART	463122.57	3773132.99	380.96	380.96
DISCCART	463049.98	3773025.65	379.32	379.32
DISCCART	463066.50	3773032.45	379.20	379.20
DISCCART	463083.01	3773039.25	379.43	379.43
DISCCART	463099.52	3773046.05	379.66	379.66
DISCCART	463111.22	3773057.70	380.00	380.00
DISCCART	463118.08	3773074.18	380.00	380.00
DISCCART	463124.95	3773090.67	380.12	380.12
DISCCART	463131.82	3773107.15	380.41	380.41
DISCCART	463138.69	3773123.64	380.52	380.52
DISCCART	463049.10	3773005.30	379.11	379.11
DISCCART	463065.28	3773011.97	379.00	379.00
DISCCART	463081.45	3773018.63	379.00	379.00
DISCCART	463097.63	3773025.29	379.00	379.00
DISCCART	463113.81	3773031.95	379.19	379.19
DISCCART	463125.26	3773043.36	379.46	379.46
DISCCART	463131.99	3773059.51	379.63	379.63
DISCCART	463138.71	3773075.65	379.77	379.77
DISCCART	463145.44	3773091.80	380.03	380.03
DISCCART	463152.17	3773107.95	380.00	380.00
DISCCART	463158.90	3773124.10	380.26	380.26
DISCCART	463048.42	3772985.04	379.00	379.00
DISCCART	463064.35	3772991.60	378.98	378.98
DISCCART	463080.27	3772998.16	379.00	379.00
DISCCART	463096.20	3773004.72	379.00	379.00
DISCCART	463112.12	3773011.27	379.00	379.00
DISCCART	463128.05	3773017.83	378.92	378.92
DISCCART	463139.32	3773029.06	379.03	379.03
DISCCART	463145.94	3773044.96	379.08	379.08
DISCCART	463152.56	3773060.85	379.15	379.15
DISCCART	463159.19	3773076.75	379.68	379.68
DISCCART	463165.81	3773092.65	380.00	380.00
DISCCART	463172.43	3773108.54	380.00	380.00
DISCCART	463179.06	3773124.44	380.27	380.27
DISCCART	463050.20	3772965.79	378.98	378.98
DISCCART	463058.53	3772969.22	379.00	379.00
DISCCART	463066.86	3772972.65	378.81	378.81
DISCCART	463083.51	3772979.51	378.55	378.55
DISCCART	463091.84	3772982.94	378.55	378.55
DISCCART	463108.49	3772989.80	378.78	378.78
DISCCART	463116.82	3772993.22	378.90	378.90
DISCCART	463125.14	3772996.65	378.82	378.82

DISCCART	463141.79	3773003.51	378.44	378.44
DISCCART	463153.58	3773015.25	378.63	378.63
DISCCART	463160.51	3773031.88	379.00	379.00
DISCCART	463167.44	3773048.50	379.00	379.00
DISCCART	463174.36	3773065.12	379.29	379.29
DISCCART	463177.82	3773073.44	379.57	379.57
DISCCART	463184.75	3773090.06	380.00	380.00
DISCCART	463191.68	3773106.69	380.00	380.00
DISCCART	463198.60	3773123.31	380.23	380.23
DISCCART	463049.51	3772945.52	378.31	378.31
DISCCART	463065.89	3772952.27	378.42	378.42
DISCCART	463082.28	3772959.02	378.19	378.19
DISCCART	463098.67	3772965.77	378.00	378.00
DISCCART	463115.06	3772972.52	378.21	378.21
DISCCART	463131.45	3772979.27	378.26	378.26
DISCCART	463147.84	3772986.02	378.04	378.04
DISCCART	463167.64	3773000.95	378.15	378.15
DISCCART	463174.46	3773017.31	378.70	378.70
DISCCART	463181.27	3773033.67	379.00	379.00
DISCCART	463188.09	3773050.03	379.00	379.00
DISCCART	463194.91	3773066.40	379.34	379.34
DISCCART	463201.72	3773082.76	379.88	379.88
DISCCART	463208.54	3773099.12	380.00	380.00
DISCCART	463215.36	3773115.48	380.00	380.00
DISCCART	463222.17	3773131.84	380.52	380.52
DISCCART	463048.93	3772925.30	378.00	378.00
DISCCART	463065.11	3772931.97	378.00	378.00
DISCCART	463081.29	3772938.63	378.02	378.02
DISCCART	463097.46	3772945.29	378.00	378.00
DISCCART	463113.64	3772951.95	378.00	378.00
DISCCART	463129.82	3772958.61	378.00	378.00
DISCCART	463145.99	3772965.27	378.00	378.00
DISCCART	463162.17	3772971.93	378.00	378.00
DISCCART	463181.71	3772986.67	378.00	378.00
DISCCART	463188.44	3773002.82	378.22	378.22
DISCCART	463195.17	3773018.97	378.75	378.75
DISCCART	463201.89	3773035.12	379.00	379.00
DISCCART	463208.62	3773051.27	379.00	379.00
DISCCART	463215.35	3773067.42	379.37	379.37
DISCCART	463222.08	3773083.57	379.91	379.91
DISCCART	463228.81	3773099.72	380.00	380.00
DISCCART	463235.53	3773115.87	380.00	380.00
DISCCART	463242.26	3773132.02	380.52	380.52
DISCCART	463075.36	3772916.21	378.00	378.00
DISCCART	463083.73	3772919.65	378.00	378.00
DISCCART	463100.45	3772926.54	377.88	377.88
DISCCART	463108.82	3772929.98	377.86	377.86
DISCCART	463117.18	3772933.43	377.91	377.91
DISCCART	463133.91	3772940.32	378.00	378.00
DISCCART	463142.27	3772943.76	378.00	378.00
DISCCART	463150.64	3772947.20	377.98	377.98
DISCCART	463159.00	3772950.65	377.84	377.84
DISCCART	463175.73	3772957.54	377.75	377.75
DISCCART	463184.10	3772960.98	377.82	377.82
DISCCART	463195.94	3772972.78	378.00	378.00
DISCCART	463199.42	3772981.13	378.00	378.00
DISCCART	463206.37	3772997.83	378.05	378.05
DISCCART	463209.85	3773006.18	378.33	378.33
DISCCART	463216.81	3773022.88	378.88	378.88
DISCCART	463223.77	3773039.58	379.00	379.00
DISCCART	463227.25	3773047.93	379.00	379.00
DISCCART	463234.20	3773064.63	379.28	379.28
DISCCART	463241.16	3773081.33	379.83	379.83
DISCCART	463244.64	3773089.68	380.00	380.00
DISCCART	463251.60	3773106.38	380.00	380.00
DISCCART	463258.55	3773123.08	380.22	380.22

DISCCART	463262.03	3773131.43	380.50	380.50
DISCCART	463115.75	3772912.85	377.32	377.32
DISCCART	463132.26	3772919.65	377.44	377.44
DISCCART	463148.77	3772926.45	377.67	377.67
DISCCART	463165.29	3772933.25	377.43	377.43
DISCCART	463181.80	3772940.05	377.12	377.12
DISCCART	463198.32	3772946.85	377.35	377.35
DISCCART	463210.01	3772958.50	377.74	377.74
DISCCART	463216.88	3772974.98	378.00	378.00
DISCCART	463223.74	3772991.47	378.00	378.00
DISCCART	463230.61	3773007.95	378.39	378.39
DISCCART	463237.48	3773024.44	378.94	378.94
DISCCART	463244.35	3773040.93	379.00	379.00
DISCCART	463251.22	3773057.41	379.04	379.04
DISCCART	463258.08	3773073.90	379.59	379.59
DISCCART	463264.95	3773090.38	380.00	380.00
DISCCART	463271.82	3773106.87	380.00	380.00
DISCCART	463278.69	3773123.36	380.23	380.23
DISCCART	463179.85	3772919.27	377.00	377.00
DISCCART	463196.19	3772925.99	377.00	377.00
DISCCART	463212.52	3772932.72	377.00	377.00
DISCCART	463224.08	3772944.24	377.26	377.26
DISCCART	463230.88	3772960.54	377.81	377.81
DISCCART	463237.67	3772976.84	378.00	378.00
DISCCART	463244.46	3772993.15	378.00	378.00
DISCCART	463251.25	3773009.45	378.44	378.44
DISCCART	463258.05	3773025.76	378.98	378.98
DISCCART	463264.84	3773042.06	379.00	379.00
DISCCART	463271.63	3773058.37	379.07	379.07
DISCCART	463278.42	3773074.67	379.61	379.61
DISCCART	463285.22	3773090.98	380.00	380.00
DISCCART	463292.01	3773107.28	380.00	380.00
DISCCART	463298.80	3773123.59	380.24	380.24
DISCCART	463041.67	3772832.39	376.54	376.54
DISCCART	463058.35	3772839.26	376.76	376.76
DISCCART	463066.69	3772842.69	376.88	376.88
DISCCART	463075.03	3772846.13	376.99	376.99
DISCCART	463091.71	3772853.00	376.95	376.95
DISCCART	463100.05	3772856.43	376.77	376.77
DISCCART	463245.32	3772923.15	377.00	377.00
DISCCART	463252.26	3772939.81	377.12	377.12
DISCCART	463255.73	3772948.13	377.39	377.39
DISCCART	463262.67	3772964.79	377.95	377.95
DISCCART	463269.61	3772981.44	378.00	378.00
DISCCART	463276.55	3772998.10	378.06	378.06
DISCCART	463280.02	3773006.42	378.34	378.34
DISCCART	463286.95	3773023.08	378.89	378.89
DISCCART	463290.42	3773031.41	379.00	379.00
DISCCART	463297.36	3773048.06	379.00	379.00
DISCCART	463300.83	3773056.39	379.00	379.00
DISCCART	463307.77	3773073.04	379.56	379.56
DISCCART	463314.71	3773089.69	380.00	380.00
DISCCART	463321.64	3773106.35	380.00	380.00
DISCCART	463325.11	3773114.68	380.00	380.00
DISCCART	463332.05	3773131.33	380.50	380.50
DISCCART	463049.33	3772805.57	376.00	376.00
DISCCART	463065.77	3772812.34	376.00	376.00
DISCCART	463082.21	3772819.11	376.09	376.09
DISCCART	463098.65	3772825.88	376.22	376.22
DISCCART	463115.08	3772832.65	376.08	376.08
DISCCART	463131.52	3772839.42	376.00	376.00
DISCCART	463147.96	3772846.19	376.00	376.00
DISCCART	463164.40	3772852.96	376.22	376.22
DISCCART	463180.84	3772859.72	376.45	376.45
DISCCART	463280.12	3772934.59	377.00	377.00
DISCCART	463286.95	3772951.00	377.49	377.49

DISCCART	463293.79	3772967.41	378.00	378.00
DISCCART	463300.63	3772983.82	378.00	378.00
DISCCART	463307.46	3773000.23	378.13	378.13
DISCCART	463314.30	3773016.64	378.68	378.68
DISCCART	463321.13	3773033.05	379.00	379.00
DISCCART	463327.97	3773049.46	379.00	379.00
DISCCART	463334.81	3773065.87	379.32	379.32
DISCCART	463341.64	3773082.28	379.86	379.86
DISCCART	463348.48	3773098.69	380.00	380.00
DISCCART	463355.32	3773115.10	380.00	380.00
DISCCART	463362.15	3773131.51	380.51	380.51
DISCCART	463041.63	3772772.43	375.54	375.54
DISCCART	463058.36	3772779.32	375.77	375.77
DISCCART	463066.73	3772782.76	375.88	375.88
DISCCART	463075.09	3772786.21	376.00	376.00
DISCCART	463083.45	3772789.65	376.00	376.00
DISCCART	463100.18	3772796.54	375.77	375.77
DISCCART	463108.55	3772799.98	375.66	375.66
DISCCART	463116.91	3772803.43	375.61	375.61
DISCCART	463133.64	3772810.32	375.80	375.80
DISCCART	463142.00	3772813.76	375.91	375.91
DISCCART	463150.37	3772817.20	376.00	376.00
DISCCART	463158.73	3772820.65	376.00	376.00
DISCCART	463175.46	3772827.54	376.00	376.00
DISCCART	463183.82	3772830.98	376.00	376.00
DISCCART	463192.19	3772834.43	376.00	376.00
DISCCART	463208.92	3772841.31	376.00	376.00
DISCCART	463217.28	3772844.76	376.00	376.00
DISCCART	463225.65	3772848.20	376.03	376.03
DISCCART	463234.01	3772851.65	376.03	376.03
DISCCART	463250.74	3772858.54	376.00	376.00
DISCCART	463259.10	3772861.98	376.00	376.00
DISCCART	463305.07	3772922.41	377.00	377.00
DISCCART	463312.02	3772939.11	377.09	377.09
DISCCART	463315.50	3772947.46	377.37	377.37
DISCCART	463322.46	3772964.16	377.93	377.93
DISCCART	463329.42	3772980.86	378.00	378.00
DISCCART	463332.90	3772989.21	378.00	378.00
DISCCART	463339.85	3773005.91	378.32	378.32
DISCCART	463346.81	3773022.61	378.88	378.88
DISCCART	463350.29	3773030.96	379.00	379.00
DISCCART	463357.25	3773047.66	379.00	379.00
DISCCART	463364.20	3773064.36	379.27	379.27
DISCCART	463367.68	3773072.71	379.55	379.55
DISCCART	463374.64	3773089.41	380.00	380.00
DISCCART	463381.60	3773106.11	380.00	380.00
DISCCART	463385.07	3773114.46	380.00	380.00
DISCCART	463392.03	3773131.16	380.46	380.46
DISCCART	463032.88	3772738.85	375.00	375.00
DISCCART	463049.40	3772745.65	375.00	375.00
DISCCART	463065.91	3772752.45	375.00	375.00
DISCCART	463082.43	3772759.25	375.10	375.10
DISCCART	463098.94	3772766.05	375.22	375.22
DISCCART	463115.45	3772772.85	375.08	375.08
DISCCART	463131.97	3772779.65	375.00	375.00
DISCCART	463148.48	3772786.45	375.00	375.00
DISCCART	463165.00	3772793.25	375.23	375.23
DISCCART	463181.51	3772800.05	375.46	375.46
DISCCART	463198.02	3772806.85	375.68	375.68
DISCCART	463214.54	3772813.65	375.91	375.91
DISCCART	463231.05	3772820.45	376.00	376.00
DISCCART	463247.57	3772827.26	375.83	375.83
DISCCART	463264.08	3772834.06	375.67	375.67
DISCCART	463280.59	3772840.86	375.82	375.82
DISCCART	463297.11	3772847.66	376.00	376.00
DISCCART	463308.80	3772859.30	376.00	376.00

DISCCART	463336.27	3772925.24	377.00	377.00
DISCCART	463343.14	3772941.73	377.18	377.18
DISCCART	463350.01	3772958.21	377.73	377.73
DISCCART	463356.87	3772974.70	378.00	378.00
DISCCART	463363.74	3772991.19	378.00	378.00
DISCCART	463370.61	3773007.67	378.38	378.38
DISCCART	463377.48	3773024.16	378.93	378.93
DISCCART	463384.35	3773040.64	379.00	379.00
DISCCART	463391.22	3773057.13	379.03	379.03
DISCCART	463398.08	3773073.62	379.41	379.41
DISCCART	463404.95	3773090.10	379.55	379.55
DISCCART	463033.19	3772709.00	374.42	374.42
DISCCART	463041.57	3772712.46	374.54	374.54
DISCCART	463049.96	3772715.91	374.65	374.65
DISCCART	463066.72	3772722.81	374.88	374.88
DISCCART	463075.10	3772726.26	375.00	375.00
DISCCART	463083.48	3772729.71	375.00	375.00
DISCCART	463091.86	3772733.16	374.94	374.94
DISCCART	463108.62	3772740.07	374.66	374.66
DISCCART	463117.01	3772743.52	374.61	374.61
DISCCART	463125.39	3772746.97	374.69	374.69
DISCCART	463133.77	3772750.42	374.80	374.80
DISCCART	463150.53	3772757.32	375.00	375.00
DISCCART	463158.91	3772760.77	375.00	375.00
DISCCART	463167.29	3772764.23	375.00	375.00
DISCCART	463175.67	3772767.68	375.00	375.00
DISCCART	463184.05	3772771.13	375.00	375.00
DISCCART	463200.82	3772778.03	375.00	375.00
DISCCART	463209.20	3772781.48	375.00	375.00
DISCCART	463217.58	3772784.93	374.99	374.99
DISCCART	463225.96	3772788.38	375.07	375.07
DISCCART	463242.72	3772795.29	375.27	375.27
DISCCART	463251.10	3772798.74	375.26	375.26
DISCCART	463259.49	3772802.19	375.18	375.18
DISCCART	463267.87	3772805.64	375.04	375.04
DISCCART	463284.63	3772812.54	375.00	375.00
DISCCART	463293.01	3772815.99	375.00	375.00
DISCCART	463301.39	3772819.45	375.10	375.10
DISCCART	463309.77	3772822.90	375.22	375.22
DISCCART	463330.02	3772838.17	375.73	375.73
DISCCART	463336.99	3772854.90	376.00	376.00
DISCCART	463368.36	3772930.20	377.00	377.00
DISCCART	463375.33	3772946.94	377.35	377.35
DISCCART	463382.30	3772963.67	377.91	377.91
DISCCART	463389.28	3772980.40	378.00	378.00
DISCCART	463396.25	3772997.14	378.03	378.03
DISCCART	463403.22	3773013.87	378.58	378.58
DISCCART	463448.53	3773122.64	380.00	380.00
DISCCART	463032.84	3772678.89	374.00	374.00
DISCCART	463049.42	3772685.71	374.00	374.00
DISCCART	463065.99	3772692.54	374.00	374.00
DISCCART	463082.56	3772699.36	374.10	374.10
DISCCART	463099.13	3772706.18	374.22	374.22
DISCCART	463115.70	3772713.01	374.07	374.07
DISCCART	463123.99	3772716.42	374.00	374.00
DISCCART	463140.56	3772723.24	374.00	374.00
DISCCART	463157.13	3772730.07	374.12	374.12
DISCCART	463173.70	3772736.89	374.35	374.35
DISCCART	463190.27	3772743.71	374.58	374.58
DISCCART	463206.85	3772750.54	374.81	374.81
DISCCART	463223.42	3772757.36	374.56	374.56
DISCCART	463231.70	3772760.77	374.37	374.37
DISCCART	463248.27	3772767.60	374.38	374.38
DISCCART	463264.85	3772774.42	374.60	374.60
DISCCART	463281.42	3772781.25	374.83	374.83
DISCCART	463289.70	3772784.66	374.94	374.94

DISCCART	463306.28	3772791.48	375.00	375.00
DISCCART	463322.85	3772798.31	375.00	375.00
DISCCART	463339.42	3772805.13	375.00	375.00
DISCCART	463351.15	3772816.81	375.02	375.02
DISCCART	463358.04	3772833.36	375.57	375.57
DISCCART	463361.49	3772841.63	375.84	375.84
DISCCART	463368.38	3772858.17	376.00	376.00
DISCCART	463402.84	3772940.89	377.15	377.15
DISCCART	463447.64	3773048.42	378.75	378.75
DISCCART	463454.53	3773064.97	379.00	379.00
DISCCART	463461.42	3773081.51	379.00	379.00
DISCCART	463468.31	3773098.05	379.39	379.39
DISCCART	463475.21	3773114.60	379.94	379.94
DISCCART	463482.10	3773131.14	379.96	379.96
DISCCART	463033.11	3772649.02	373.42	373.42
DISCCART	463041.50	3772652.48	373.54	373.54
DISCCART	463049.90	3772655.93	373.65	373.65
DISCCART	463058.29	3772659.39	373.77	373.77
DISCCART	463066.68	3772662.85	373.88	373.88
DISCCART	463075.08	3772666.30	374.00	374.00
DISCCART	463083.47	3772669.76	374.00	374.00
DISCCART	463091.87	3772673.22	373.94	373.94
DISCCART	463100.26	3772676.67	373.77	373.77
DISCCART	463108.65	3772680.13	373.66	373.66
DISCCART	463117.05	3772683.59	373.61	373.61
DISCCART	463125.44	3772687.04	373.69	373.69
DISCCART	463133.84	3772690.50	373.81	373.81
DISCCART	463142.23	3772693.96	373.92	373.92
DISCCART	463150.63	3772697.41	374.00	374.00
DISCCART	463159.02	3772700.87	374.00	374.00
DISCCART	463167.41	3772704.33	374.00	374.00
DISCCART	463175.81	3772707.78	374.00	374.00
DISCCART	463184.20	3772711.24	373.92	373.92
DISCCART	463192.60	3772714.70	373.83	373.83
DISCCART	463200.99	3772718.15	373.81	373.81
DISCCART	463217.78	3772725.07	373.96	373.96
DISCCART	463226.17	3772728.52	374.03	374.03
DISCCART	463234.57	3772731.98	374.03	374.03
DISCCART	463242.96	3772735.44	374.00	374.00
DISCCART	463251.36	3772738.89	374.00	374.00
DISCCART	463259.75	3772742.35	374.00	374.00
DISCCART	463268.14	3772745.81	374.00	374.00
DISCCART	463276.54	3772749.26	374.00	374.00
DISCCART	463284.93	3772752.72	374.00	374.00
DISCCART	463293.33	3772756.18	374.00	374.00
DISCCART	463301.72	3772759.63	374.11	374.11
DISCCART	463310.11	3772763.09	374.23	374.23
DISCCART	463318.51	3772766.55	374.34	374.34
DISCCART	463326.90	3772770.00	374.46	374.46
DISCCART	463335.30	3772773.46	374.57	374.57
DISCCART	463343.69	3772776.92	374.69	374.69
DISCCART	463352.09	3772780.37	374.80	374.80
DISCCART	463360.48	3772783.83	374.92	374.92
DISCCART	463372.36	3772795.67	375.00	375.00
DISCCART	463379.35	3772812.43	375.00	375.00
DISCCART	463386.33	3772829.19	375.43	375.43
DISCCART	463393.31	3772845.95	375.99	375.99
DISCCART	463400.29	3772862.71	376.00	376.00
DISCCART	463452.66	3772988.40	377.74	377.74
DISCCART	463459.64	3773005.16	378.00	378.00
DISCCART	463466.62	3773021.92	378.00	378.00
DISCCART	463473.61	3773038.68	378.41	378.41
DISCCART	463480.59	3773055.44	378.97	378.97
DISCCART	463487.57	3773072.20	379.00	379.00
DISCCART	463494.55	3773088.96	379.04	379.04
DISCCART	463501.53	3773105.72	379.18	379.18

DISCCART	463508.52	3773122.48	379.24	379.24
DISCCART	463032.79	3772618.91	373.00	373.00
DISCCART	463049.40	3772625.76	373.00	373.00
DISCCART	463057.71	3772629.18	373.00	373.00
DISCCART	463074.33	3772636.02	373.00	373.00
DISCCART	463090.95	3772642.86	373.21	373.21
DISCCART	463099.25	3772646.29	373.23	373.23
DISCCART	463107.56	3772649.71	373.18	373.18
DISCCART	463115.87	3772653.13	373.07	373.07
DISCCART	463132.49	3772659.97	373.00	373.00
DISCCART	463149.10	3772666.81	373.02	373.02
DISCCART	463157.41	3772670.23	373.13	373.13
DISCCART	463165.72	3772673.66	373.24	373.24
DISCCART	463182.34	3772680.50	373.43	373.43
DISCCART	463190.64	3772683.92	373.37	373.37
DISCCART	463207.26	3772690.76	373.07	373.07
DISCCART	463215.57	3772694.18	373.00	373.00
DISCCART	463232.19	3772701.03	373.16	373.16
DISCCART	463240.49	3772704.45	373.27	373.27
DISCCART	463257.11	3772711.29	373.50	373.50
DISCCART	463273.73	3772718.13	373.73	373.73
DISCCART	463290.34	3772724.97	373.95	373.95
DISCCART	463298.65	3772728.40	374.00	374.00
DISCCART	463315.27	3772735.24	374.00	374.00
DISCCART	463331.89	3772742.08	374.00	374.00
DISCCART	463340.19	3772745.50	374.00	374.00
DISCCART	463348.50	3772748.92	374.00	374.00
DISCCART	463365.12	3772755.77	374.00	374.00
DISCCART	463373.43	3772759.19	374.10	374.10
DISCCART	463393.50	3772774.32	374.60	374.60
DISCCART	463400.41	3772790.91	375.00	375.00
DISCCART	463459.15	3772931.91	376.85	376.85
DISCCART	463466.06	3772948.50	377.00	377.00
DISCCART	463472.97	3772965.09	377.00	377.00
DISCCART	463476.43	3772973.38	377.23	377.23
DISCCART	463483.34	3772989.97	377.79	377.79
DISCCART	463490.25	3773006.56	378.00	378.00
DISCCART	463497.16	3773023.15	378.00	378.00
DISCCART	463504.07	3773039.74	378.45	378.45
DISCCART	463510.98	3773056.33	378.96	378.96
DISCCART	463517.89	3773072.91	378.73	378.73
DISCCART	463524.80	3773089.50	378.55	378.55
DISCCART	463531.71	3773106.09	378.75	378.75
DISCCART	463535.17	3773114.38	378.94	378.94
DISCCART	463542.08	3773130.97	379.00	379.00
DISCCART	463033.01	3772589.03	372.42	372.42
DISCCART	463041.42	3772592.49	372.54	372.54
DISCCART	463049.82	3772595.96	372.65	372.65
DISCCART	463058.23	3772599.42	372.77	372.77
DISCCART	463066.63	3772602.88	372.88	372.88
DISCCART	463075.04	3772606.34	373.00	373.00
DISCCART	463083.44	3772609.80	373.00	373.00
DISCCART	463091.84	3772613.26	372.94	372.94
DISCCART	463100.25	3772616.72	372.77	372.77
DISCCART	463108.65	3772620.18	372.66	372.66
DISCCART	463117.06	3772623.64	372.61	372.61
DISCCART	463125.46	3772627.10	372.69	372.69
DISCCART	463133.87	3772630.56	372.81	372.81
DISCCART	463142.27	3772634.03	372.92	372.92
DISCCART	463150.68	3772637.49	372.97	372.97
DISCCART	463159.08	3772640.95	372.73	372.73
DISCCART	463167.48	3772644.41	372.57	372.57
DISCCART	463175.89	3772647.87	372.46	372.46
DISCCART	463184.29	3772651.33	372.50	372.50
DISCCART	463192.70	3772654.79	372.62	372.62
DISCCART	463201.10	3772658.25	372.73	372.73

DISCCART	463209.51	3772661.71	372.85	372.85
DISCCART	463217.91	3772665.17	372.96	372.96
DISCCART	463226.32	3772668.63	373.00	373.00
DISCCART	463234.72	3772672.09	373.00	373.00
DISCCART	463243.12	3772675.56	373.00	373.00
DISCCART	463251.53	3772679.02	373.00	373.00
DISCCART	463259.93	3772682.48	373.00	373.00
DISCCART	463268.34	3772685.94	373.00	373.00
DISCCART	463276.74	3772689.40	373.00	373.00
DISCCART	463285.15	3772692.86	373.00	373.00
DISCCART	463293.55	3772696.32	373.00	373.00
DISCCART	463301.96	3772699.78	373.11	373.11
DISCCART	463310.36	3772703.24	373.23	373.23
DISCCART	463318.76	3772706.70	373.35	373.35
DISCCART	463327.17	3772710.16	373.46	373.46
DISCCART	463335.57	3772713.62	373.58	373.58
DISCCART	463343.98	3772717.09	373.69	373.69
DISCCART	463352.38	3772720.55	373.81	373.81
DISCCART	463360.79	3772724.01	373.92	373.92
DISCCART	463369.19	3772727.47	374.00	374.00
DISCCART	463377.60	3772730.93	374.00	374.00
DISCCART	463386.00	3772734.39	374.00	374.00
DISCCART	463394.40	3772737.85	374.00	374.00
DISCCART	463402.81	3772741.31	374.00	374.00
DISCCART	463439.18	3772811.89	374.90	374.90
DISCCART	463446.17	3772828.67	375.05	375.05
DISCCART	463453.16	3772845.45	375.00	375.00
DISCCART	463460.15	3772862.24	375.53	375.53
DISCCART	463463.64	3772870.63	375.81	375.81
DISCCART	463491.61	3772937.75	377.00	377.00
DISCCART	463495.10	3772946.14	377.00	377.00
DISCCART	463502.09	3772962.92	377.00	377.00
DISCCART	463509.08	3772979.70	377.45	377.45
DISCCART	463516.07	3772996.48	377.79	377.79
DISCCART	463523.06	3773013.26	377.55	377.55
DISCCART	463526.56	3773021.65	377.44	377.44
DISCCART	463533.55	3773038.43	377.61	377.61
DISCCART	463540.54	3773055.21	377.96	377.96
DISCCART	463547.53	3773071.99	378.00	378.00
DISCCART	463551.03	3773080.38	378.00	378.00
DISCCART	463558.02	3773097.16	378.36	378.36
DISCCART	463565.01	3773113.94	378.92	378.92
DISCCART	463572.00	3773130.72	378.96	378.96
DISCCART	463032.72	3772558.94	372.00	372.00
DISCCART	463049.37	3772565.79	372.00	372.00
DISCCART	463057.70	3772569.22	372.00	372.00
DISCCART	463066.02	3772572.65	372.00	372.00
DISCCART	463082.67	3772579.51	372.11	372.11
DISCCART	463091.00	3772582.94	372.21	372.21
DISCCART	463107.65	3772589.80	372.18	372.18
DISCCART	463115.98	3772593.22	372.07	372.07
DISCCART	463124.31	3772596.65	372.00	372.00
DISCCART	463140.96	3772603.51	372.00	372.00
DISCCART	463149.29	3772606.94	372.02	372.02
DISCCART	463165.94	3772613.80	372.11	372.11
DISCCART	463174.26	3772617.23	372.07	372.07
DISCCART	463182.59	3772620.65	372.00	372.00
DISCCART	463199.24	3772627.51	372.00	372.00
DISCCART	463207.57	3772630.94	372.00	372.00
DISCCART	463224.22	3772637.80	372.05	372.05
DISCCART	463232.55	3772641.23	372.16	372.16
DISCCART	463240.88	3772644.66	372.28	372.28
DISCCART	463257.53	3772651.51	372.51	372.51
DISCCART	463265.85	3772654.94	372.62	372.62
DISCCART	463282.51	3772661.80	372.85	372.85
DISCCART	463290.83	3772665.23	372.96	372.96

DISCCART	463299.16	3772668.66	373.00	373.00
DISCCART	463315.81	3772675.51	373.00	373.00
DISCCART	463324.14	3772678.94	373.00	373.00
DISCCART	463340.79	3772685.80	373.00	373.00
DISCCART	463349.12	3772689.23	373.00	373.00
DISCCART	463357.45	3772692.66	373.00	373.00
DISCCART	463374.10	3772699.52	373.11	373.11
DISCCART	463382.42	3772702.94	373.22	373.22
DISCCART	463399.08	3772709.80	373.45	373.45
DISCCART	463439.31	3772740.14	374.00	374.00
DISCCART	463446.23	3772756.77	374.00	374.00
DISCCART	463453.16	3772773.39	374.00	374.00
DISCCART	463460.09	3772790.01	374.12	374.12
DISCCART	463467.01	3772806.64	374.68	374.68
DISCCART	463473.94	3772823.26	375.00	375.00
DISCCART	463480.86	3772839.89	375.00	375.00
DISCCART	463487.79	3772856.51	375.34	375.34
DISCCART	463494.71	3772873.14	375.89	375.89
DISCCART	463522.42	3772939.63	376.62	376.62
DISCCART	463529.34	3772956.26	376.78	376.78
DISCCART	463536.27	3772972.88	377.02	377.02
DISCCART	463543.19	3772989.51	377.00	377.00
DISCCART	463550.12	3773006.13	377.00	377.00
DISCCART	463557.05	3773022.76	377.00	377.00
DISCCART	463563.97	3773039.38	377.43	377.43
DISCCART	463570.90	3773056.01	377.95	377.95
DISCCART	463577.82	3773072.63	377.88	377.88
DISCCART	463584.75	3773089.25	378.05	378.05
DISCCART	463591.67	3773105.88	378.17	378.17
DISCCART	463598.60	3773122.50	378.23	378.23
DISCCART	463032.82	3772519.01	371.09	371.09
DISCCART	463041.21	3772522.47	371.20	371.20
DISCCART	463049.59	3772525.92	371.32	371.32
DISCCART	463057.98	3772529.38	371.43	371.43
DISCCART	463066.37	3772532.83	371.55	371.55
DISCCART	463074.76	3772536.28	371.66	371.66
DISCCART	463083.15	3772539.74	371.78	371.78
DISCCART	463091.53	3772543.19	371.90	371.90
DISCCART	463099.92	3772546.65	372.00	372.00
DISCCART	463116.70	3772553.55	372.00	372.00
DISCCART	463125.09	3772557.01	371.88	371.88
DISCCART	463133.47	3772560.46	371.76	371.76
DISCCART	463141.86	3772563.92	371.69	371.69
DISCCART	463158.64	3772570.83	371.57	371.57
DISCCART	463167.03	3772574.28	371.39	371.39
DISCCART	463175.41	3772577.73	371.18	371.18
DISCCART	463183.80	3772581.19	371.16	371.16
DISCCART	463192.19	3772584.64	371.28	371.28
DISCCART	463200.58	3772588.10	371.39	371.39
DISCCART	463208.97	3772591.55	371.51	371.51
DISCCART	463217.35	3772595.00	371.62	371.62
DISCCART	463225.74	3772598.46	371.74	371.74
DISCCART	463234.13	3772601.91	371.85	371.85
DISCCART	463242.52	3772605.37	371.97	371.97
DISCCART	463250.91	3772608.82	372.00	372.00
DISCCART	463259.30	3772612.27	372.00	372.00
DISCCART	463267.68	3772615.73	372.00	372.00
DISCCART	463276.07	3772619.18	372.00	372.00
DISCCART	463284.46	3772622.64	372.00	372.00
DISCCART	463301.24	3772629.55	372.00	372.00
DISCCART	463309.62	3772633.00	372.00	372.00
DISCCART	463318.01	3772636.45	372.00	372.00
DISCCART	463326.40	3772639.91	372.12	372.12
DISCCART	463343.18	3772646.82	372.35	372.35
DISCCART	463351.56	3772650.27	372.46	372.46
DISCCART	463359.95	3772653.72	372.58	372.58

DISCCART	463368.34	3772657.18	372.69	372.69
DISCCART	463376.73	3772660.63	372.81	372.81
DISCCART	463385.12	3772664.09	372.93	372.93
DISCCART	463393.50	3772667.54	373.00	373.00
DISCCART	463401.89	3772670.99	373.00	373.00
DISCCART	463443.83	3772688.27	373.00	373.00
DISCCART	463452.22	3772691.72	373.00	373.00
DISCCART	463464.10	3772703.55	373.12	373.12
DISCCART	463467.59	3772711.92	373.21	373.21
DISCCART	463474.56	3772728.67	373.23	373.23
DISCCART	463481.54	3772745.42	373.64	373.64
DISCCART	463488.52	3772762.16	374.00	374.00
DISCCART	463495.49	3772778.91	374.00	374.00
DISCCART	463502.47	3772795.66	374.31	374.31
DISCCART	463509.45	3772812.41	374.87	374.87
DISCCART	463516.42	3772829.15	374.87	374.87
DISCCART	463523.40	3772845.90	374.99	374.99
DISCCART	463530.38	3772862.65	375.17	375.17
DISCCART	463558.29	3772929.64	376.00	376.00
DISCCART	463565.26	3772946.39	376.34	376.34
DISCCART	463572.24	3772963.14	376.82	376.82
DISCCART	463579.22	3772979.88	376.83	376.83
DISCCART	463586.20	3772996.63	377.00	377.00
DISCCART	463593.17	3773013.38	377.00	377.00
DISCCART	463600.15	3773030.13	377.00	377.00
DISCCART	463607.13	3773046.87	377.00	377.00
DISCCART	463610.61	3773055.25	377.00	377.00
DISCCART	463617.59	3773072.00	377.52	377.52
DISCCART	463624.57	3773088.74	378.00	378.00
DISCCART	463631.55	3773105.49	377.98	377.98
DISCCART	463638.52	3773122.24	378.00	378.00
DISCCART	463032.46	3772478.90	370.98	370.98
DISCCART	463049.06	3772485.74	370.99	370.99
DISCCART	463065.65	3772492.57	371.00	371.00
DISCCART	463082.25	3772499.40	371.00	371.00
DISCCART	463098.84	3772506.24	371.00	371.00
DISCCART	463107.14	3772509.65	371.00	371.00
DISCCART	463123.74	3772516.49	371.00	371.00
DISCCART	463140.33	3772523.32	371.07	371.07
DISCCART	463156.93	3772530.16	371.00	371.00
DISCCART	463173.52	3772536.99	371.00	371.00
DISCCART	463190.12	3772543.82	371.00	371.00
DISCCART	463206.71	3772550.66	371.00	371.00
DISCCART	463223.31	3772557.49	371.00	371.00
DISCCART	463239.90	3772564.32	371.00	371.00
DISCCART	463256.50	3772571.16	371.00	371.00
DISCCART	463273.10	3772577.99	371.06	371.06
DISCCART	463281.39	3772581.41	371.17	371.17
DISCCART	463297.99	3772588.24	371.40	371.40
DISCCART	463314.58	3772595.08	371.62	371.62
DISCCART	463331.18	3772601.91	371.85	371.85
DISCCART	463347.77	3772608.74	372.00	372.00
DISCCART	463364.37	3772615.58	372.00	372.00
DISCCART	463380.97	3772622.41	372.00	372.00
DISCCART	463397.56	3772629.25	372.00	372.00
DISCCART	463439.05	3772646.33	372.33	372.33
DISCCART	463455.64	3772653.16	372.65	372.65
DISCCART	463472.24	3772660.00	372.95	372.95
DISCCART	463492.29	3772675.12	373.00	373.00
DISCCART	463495.74	3772683.40	373.00	373.00
DISCCART	463502.64	3772699.97	373.00	373.00
DISCCART	463509.54	3772716.53	373.00	373.00
DISCCART	463516.44	3772733.10	373.17	373.17
DISCCART	463519.89	3772741.38	373.33	373.33
DISCCART	463526.79	3772757.95	373.46	373.46
DISCCART	463533.70	3772774.52	373.68	373.68

DISCCART	463540.60	3772791.09	374.00	374.00
DISCCART	463547.50	3772807.65	374.00	374.00
DISCCART	463554.40	3772824.22	374.26	374.26
DISCCART	463561.30	3772840.79	374.82	374.82
DISCCART	463568.21	3772857.35	375.00	375.00
DISCCART	463571.66	3772865.64	374.98	374.98
DISCCART	463599.26	3772931.91	375.85	375.85
DISCCART	463606.17	3772948.47	376.00	376.00
DISCCART	463613.07	3772965.04	376.00	376.00
DISCCART	463619.97	3772981.61	376.16	376.16
DISCCART	463623.42	3772989.89	376.16	376.16
DISCCART	463630.32	3773006.46	376.34	376.34
DISCCART	463637.22	3773023.03	376.89	376.89
DISCCART	463644.13	3773039.59	377.00	377.00
DISCCART	463647.58	3773047.88	377.00	377.00
DISCCART	463654.48	3773064.44	377.05	377.05
DISCCART	463661.38	3773081.01	377.00	377.00
DISCCART	463668.28	3773097.58	377.37	377.37
DISCCART	463675.18	3773114.14	377.93	377.93
DISCCART	463682.09	3773130.71	378.00	378.00
DISCCART	463032.55	3772438.97	370.38	370.38
DISCCART	463040.90	3772442.41	370.33	370.33
DISCCART	463124.44	3772476.81	370.68	370.68
DISCCART	463132.79	3772480.25	370.80	370.80
DISCCART	463141.15	3772483.69	370.91	370.91
DISCCART	463149.50	3772487.13	371.00	371.00
DISCCART	463166.21	3772494.01	370.59	370.59
DISCCART	463174.56	3772497.45	370.48	370.48
DISCCART	463182.91	3772500.89	370.49	370.49
DISCCART	463199.62	3772507.77	370.71	370.71
DISCCART	463207.97	3772511.21	370.83	370.83
DISCCART	463216.33	3772514.65	370.94	370.94
DISCCART	463233.04	3772521.53	371.00	371.00
DISCCART	463241.39	3772524.97	370.96	370.96
DISCCART	463249.74	3772528.41	370.80	370.80
DISCCART	463266.45	3772535.29	370.67	370.67
DISCCART	463274.80	3772538.73	370.75	370.75
DISCCART	463283.16	3772542.17	370.86	370.86
DISCCART	463299.87	3772549.05	371.00	371.00
DISCCART	463308.22	3772552.49	371.00	371.00
DISCCART	463316.57	3772555.93	371.00	371.00
DISCCART	463333.28	3772562.81	371.00	371.00
DISCCART	463341.63	3772566.25	371.00	371.00
DISCCART	463349.99	3772569.69	371.00	371.00
DISCCART	463358.34	3772573.13	371.00	371.00
DISCCART	463375.05	3772580.01	371.12	371.12
DISCCART	463383.40	3772583.45	371.24	371.24
DISCCART	463391.76	3772586.89	371.35	371.35
DISCCART	463441.88	3772607.53	372.00	372.00
DISCCART	463450.23	3772610.97	372.00	372.00
DISCCART	463458.59	3772614.41	372.08	372.08
DISCCART	463475.29	3772621.29	372.43	372.43
DISCCART	463483.65	3772624.73	372.61	372.61
DISCCART	463492.00	3772628.17	372.73	372.73
DISCCART	463508.71	3772635.05	372.96	372.96
DISCCART	463520.54	3772646.83	372.76	372.76
DISCCART	463524.01	3772655.17	372.82	372.82
DISCCART	463530.96	3772671.85	373.00	373.00
DISCCART	463534.43	3772680.19	373.00	373.00
DISCCART	463541.38	3772696.87	372.94	372.94
DISCCART	463544.85	3772705.21	372.88	372.88
DISCCART	463551.80	3772721.88	372.94	372.94
DISCCART	463558.75	3772738.56	373.00	373.00
DISCCART	463562.23	3772746.90	373.00	373.00
DISCCART	463569.17	3772763.58	373.24	373.24
DISCCART	463572.65	3772771.92	373.47	373.47

DISCCART	463579.60	3772788.60	373.69	373.69
DISCCART	463583.07	3772796.94	373.71	373.71
DISCCART	463590.02	3772813.62	373.94	373.94
DISCCART	463593.49	3772821.96	374.04	374.04
DISCCART	463600.44	3772838.64	374.00	374.00
DISCCART	463607.39	3772855.32	374.30	374.30
DISCCART	463610.86	3772863.66	374.58	374.58
DISCCART	463638.66	3772930.37	375.80	375.80
DISCCART	463642.13	3772938.71	376.00	376.00
DISCCART	463649.08	3772955.39	376.00	376.00
DISCCART	463656.03	3772972.07	376.00	376.00
DISCCART	463659.50	3772980.41	376.00	376.00
DISCCART	463666.45	3772997.09	376.03	376.03
DISCCART	463669.93	3773005.43	376.30	376.30
DISCCART	463676.88	3773022.11	376.86	376.86
DISCCART	463680.35	3773030.45	377.00	377.00
DISCCART	463687.30	3773047.12	377.00	377.00
DISCCART	463690.77	3773055.46	377.00	377.00
DISCCART	463697.72	3773072.14	377.14	377.14
DISCCART	463704.67	3773088.82	377.54	377.54
DISCCART	463708.14	3773097.16	377.75	377.75
DISCCART	463715.09	3773113.84	377.99	377.99
DISCCART	463718.57	3773122.18	378.00	378.00
DISCCART	463725.51	3773138.86	378.15	378.15
DISCCART	463032.62	3772399.03	370.00	370.00
DISCCART	463041.02	3772402.50	370.00	370.00
DISCCART	463049.43	3772405.96	370.00	370.00
DISCCART	463057.83	3772409.42	370.00	370.00
DISCCART	463066.23	3772412.88	370.00	370.00
DISCCART	463074.64	3772416.34	370.00	370.00
DISCCART	463083.04	3772419.80	370.00	370.00
DISCCART	463091.45	3772423.26	369.99	369.99
DISCCART	463099.85	3772426.72	370.00	370.00
DISCCART	463108.26	3772430.18	370.00	370.00
DISCCART	463116.66	3772433.64	370.00	370.00
DISCCART	463125.07	3772437.10	370.00	370.00
DISCCART	463133.47	3772440.56	370.00	370.00
DISCCART	463217.51	3772475.17	370.00	370.00
DISCCART	463225.92	3772478.63	370.00	370.00
DISCCART	463234.32	3772482.10	370.00	370.00
DISCCART	463242.73	3772485.56	370.00	370.00
DISCCART	463251.13	3772489.02	370.06	370.06
DISCCART	463259.54	3772492.48	370.07	370.07
DISCCART	463267.94	3772495.94	370.02	370.02
DISCCART	463276.35	3772499.40	370.00	370.00
DISCCART	463284.75	3772502.86	370.00	370.00
DISCCART	463293.15	3772506.32	370.00	370.00
DISCCART	463301.56	3772509.78	370.00	370.00
DISCCART	463309.96	3772513.24	370.00	370.00
DISCCART	463318.37	3772516.70	370.01	370.01
DISCCART	463326.77	3772520.16	370.13	370.13
DISCCART	463335.18	3772523.63	370.24	370.24
DISCCART	463343.58	3772527.09	370.36	370.36
DISCCART	463351.99	3772530.55	370.47	370.47
DISCCART	463360.39	3772534.01	370.60	370.60
DISCCART	463368.79	3772537.47	370.79	370.79
DISCCART	463377.20	3772540.93	370.93	370.93
DISCCART	463385.60	3772544.39	370.99	370.99
DISCCART	463394.01	3772547.85	371.00	371.00
DISCCART	463402.41	3772551.31	371.00	371.00
DISCCART	463444.43	3772568.62	371.61	371.61
DISCCART	463452.84	3772572.08	371.86	371.86
DISCCART	463461.24	3772575.54	371.97	371.97
DISCCART	463469.65	3772579.00	372.00	372.00
DISCCART	463478.05	3772582.46	372.00	372.00
DISCCART	463486.46	3772585.92	372.00	372.00

DISCCART	463494.86	3772589.38	372.00	372.00
DISCCART	463511.67	3772596.30	372.00	372.00
DISCCART	463520.07	3772599.76	372.00	372.00
DISCCART	463528.48	3772603.23	372.00	372.00
DISCCART	463536.88	3772606.69	372.00	372.00
DISCCART	463548.78	3772618.54	372.00	372.00
DISCCART	463552.28	3772626.93	372.00	372.00
DISCCART	463559.27	3772643.71	372.09	372.09
DISCCART	463566.26	3772660.49	372.09	372.09
DISCCART	463569.75	3772668.88	372.00	372.00
DISCCART	463576.75	3772685.66	372.00	372.00
DISCCART	463583.74	3772702.44	372.20	372.20
DISCCART	463590.73	3772719.22	372.76	372.76
DISCCART	463597.72	3772736.00	373.00	373.00
DISCCART	463601.21	3772744.39	372.98	372.98
DISCCART	463608.20	3772761.17	373.00	373.00
DISCCART	463615.19	3772777.95	373.00	373.00
DISCCART	463622.18	3772794.73	373.28	373.28
DISCCART	463629.18	3772811.51	373.84	373.84
DISCCART	463632.67	3772819.90	373.91	373.91
DISCCART	463639.66	3772836.68	373.89	373.89
DISCCART	463646.65	3772853.46	374.24	374.24
DISCCART	463653.64	3772870.24	374.80	374.80
DISCCART	463657.14	3772878.63	375.00	375.00
DISCCART	463678.11	3772928.97	375.29	375.29
DISCCART	463685.10	3772945.75	375.42	375.42
DISCCART	463688.60	3772954.14	375.61	375.61
DISCCART	463695.59	3772970.92	376.00	376.00
DISCCART	463702.58	3772987.70	376.00	376.00
DISCCART	463709.57	3773004.48	376.27	376.27
DISCCART	463716.56	3773021.26	376.83	376.83
DISCCART	463720.05	3773029.66	377.00	377.00
DISCCART	463727.04	3773046.44	377.00	377.00
DISCCART	463734.04	3773063.22	377.23	377.23
DISCCART	463741.03	3773080.00	377.79	377.79
DISCCART	463744.52	3773088.39	378.00	378.00
DISCCART	463751.51	3773105.17	378.00	378.00
DISCCART	463758.50	3773121.95	378.19	378.19
DISCCART	463032.30	3772358.94	369.00	369.00
DISCCART	463048.95	3772365.80	369.00	369.00
DISCCART	463057.28	3772369.22	369.10	369.10
DISCCART	463065.60	3772372.65	369.21	369.21
DISCCART	463082.26	3772379.51	369.44	369.44
DISCCART	463090.58	3772382.94	369.54	369.54
DISCCART	463107.24	3772389.80	369.32	369.32
DISCCART	463115.56	3772393.23	369.12	369.12
DISCCART	463123.89	3772396.65	369.01	369.01
DISCCART	463140.54	3772403.51	369.24	369.24
DISCCART	463148.87	3772406.94	369.35	369.35
DISCCART	463165.52	3772413.80	369.58	369.58
DISCCART	463173.85	3772417.23	369.70	369.70
DISCCART	463182.17	3772420.65	369.74	369.74
DISCCART	463198.83	3772427.51	369.39	369.39
DISCCART	463207.15	3772430.94	369.22	369.22
DISCCART	463223.81	3772437.80	369.38	369.38
DISCCART	463315.40	3772475.51	370.00	370.00
DISCCART	463323.72	3772478.94	370.00	370.00
DISCCART	463340.37	3772485.80	370.00	370.00
DISCCART	463348.70	3772489.23	370.00	370.00
DISCCART	463357.03	3772492.66	370.00	370.00
DISCCART	463373.68	3772499.52	370.21	370.21
DISCCART	463382.01	3772502.94	370.41	370.41
DISCCART	463398.66	3772509.80	370.78	370.78
DISCCART	463440.29	3772526.95	371.00	371.00
DISCCART	463456.94	3772533.80	371.00	371.00
DISCCART	463465.27	3772537.23	371.00	371.00

DISCCART	463473.60	3772540.66	371.00	371.00
DISCCART	463490.25	3772547.52	371.04	371.04
DISCCART	463498.58	3772550.95	371.15	371.15
DISCCART	463506.90	3772554.38	371.27	371.27
DISCCART	463523.55	3772561.23	371.50	371.50
DISCCART	463531.88	3772564.66	371.61	371.61
DISCCART	463548.53	3772571.52	371.84	371.84
DISCCART	463556.86	3772574.95	371.95	371.95
DISCCART	463565.19	3772578.38	372.00	372.00
DISCCART	463576.98	3772590.12	371.76	371.76
DISCCART	463580.44	3772598.43	371.64	371.64
DISCCART	463587.36	3772615.05	371.58	371.58
DISCCART	463594.29	3772631.68	371.87	371.87
DISCCART	463601.22	3772648.30	371.95	371.95
DISCCART	463608.14	3772664.93	371.72	371.72
DISCCART	463615.07	3772681.55	371.75	371.75
DISCCART	463621.99	3772698.18	372.02	372.02
DISCCART	463628.92	3772714.80	372.02	372.02
DISCCART	463635.84	3772731.43	372.13	372.13
DISCCART	463642.77	3772748.05	372.41	372.41
DISCCART	463649.70	3772764.67	372.52	372.52
DISCCART	463656.62	3772781.30	372.85	372.85
DISCCART	463663.55	3772797.92	373.00	373.00
DISCCART	463670.47	3772814.55	373.00	373.00
DISCCART	463677.40	3772831.17	373.49	373.49
DISCCART	463684.33	3772847.80	374.01	374.01
DISCCART	463691.25	3772864.42	374.00	374.00
DISCCART	463718.95	3772930.92	375.00	375.00
DISCCART	463725.88	3772947.54	375.37	375.37
DISCCART	463732.81	3772964.17	375.93	375.93
DISCCART	463739.73	3772980.79	376.00	376.00
DISCCART	463746.66	3772997.42	376.04	376.04
DISCCART	463753.58	3773014.04	376.59	376.59
DISCCART	463760.51	3773030.67	377.00	377.00
DISCCART	463767.43	3773047.29	377.00	377.00
DISCCART	463774.36	3773063.91	377.25	377.25
DISCCART	463781.29	3773080.54	377.81	377.81
DISCCART	463788.21	3773097.16	378.00	378.00
DISCCART	463795.14	3773113.79	378.00	378.00
DISCCART	463802.06	3773130.41	378.47	378.47
DISCCART	463032.36	3772319.00	368.42	368.42
DISCCART	463040.73	3772322.44	368.54	368.54
DISCCART	463049.10	3772325.89	368.65	368.65
DISCCART	463065.85	3772332.79	368.88	368.88
DISCCART	463074.22	3772336.24	369.00	369.00
DISCCART	463082.60	3772339.68	369.00	369.00
DISCCART	463090.97	3772343.13	368.97	368.97
DISCCART	463107.72	3772350.03	368.67	368.67
DISCCART	463116.09	3772353.48	368.62	368.62
DISCCART	463124.46	3772356.92	368.69	368.69
DISCCART	463141.21	3772363.82	368.92	368.92
DISCCART	463149.58	3772367.27	369.00	369.00
DISCCART	463157.96	3772370.72	369.00	369.00
DISCCART	463166.33	3772374.16	369.00	369.00
DISCCART	463183.08	3772381.06	369.00	369.00
DISCCART	463191.45	3772384.51	369.00	369.00
DISCCART	463199.82	3772387.96	369.00	369.00
DISCCART	463208.19	3772391.40	369.00	369.00
DISCCART	463224.94	3772398.30	369.00	369.00
DISCCART	463233.31	3772401.75	369.00	369.00
DISCCART	463241.69	3772405.20	369.00	369.00
DISCCART	463250.06	3772408.64	369.00	369.00
DISCCART	463266.81	3772415.54	369.00	369.00
DISCCART	463275.18	3772418.99	369.00	369.00
DISCCART	463283.55	3772422.44	369.00	369.00
DISCCART	463291.93	3772425.89	369.00	369.00

DISCCART	463308.67	3772432.78	369.21	369.21
DISCCART	463317.05	3772436.23	369.33	369.33
DISCCART	463442.65	3772487.95	370.05	370.05
DISCCART	463451.02	3772491.40	370.17	370.17
DISCCART	463467.77	3772498.29	370.40	370.40
DISCCART	463476.14	3772501.74	370.51	370.51
DISCCART	463484.51	3772505.19	370.63	370.63
DISCCART	463492.89	3772508.64	370.74	370.74
DISCCART	463509.63	3772515.53	370.97	370.97
DISCCART	463518.01	3772518.98	371.00	371.00
DISCCART	463526.38	3772522.43	371.00	371.00
DISCCART	463534.75	3772525.88	371.00	371.00
DISCCART	463551.50	3772532.77	370.82	370.82
DISCCART	463559.87	3772536.22	370.77	370.77
DISCCART	463568.25	3772539.67	370.79	370.79
DISCCART	463584.99	3772546.57	371.00	371.00
DISCCART	463593.37	3772550.01	371.03	371.03
DISCCART	463605.22	3772561.82	370.91	370.91
DISCCART	463608.70	3772570.18	370.94	370.94
DISCCART	463615.67	3772586.90	371.00	371.00
DISCCART	463622.63	3772603.62	371.00	371.00
DISCCART	463626.12	3772611.98	371.02	371.02
DISCCART	463633.08	3772628.69	371.00	371.00
DISCCART	463640.05	3772645.41	371.00	371.00
DISCCART	463647.01	3772662.13	371.00	371.00
DISCCART	463653.98	3772678.85	371.42	371.42
DISCCART	463657.46	3772687.21	371.70	371.70
DISCCART	463664.42	3772703.93	371.88	371.88
DISCCART	463671.39	3772720.64	371.93	371.93
DISCCART	463678.35	3772737.36	372.00	372.00
DISCCART	463681.83	3772745.72	372.00	372.00
DISCCART	463688.80	3772762.44	372.20	372.20
DISCCART	463695.76	3772779.16	372.61	372.61
DISCCART	463702.73	3772795.88	372.70	372.70
DISCCART	463709.69	3772812.59	372.92	372.92
DISCCART	463713.18	3772820.95	373.15	373.15
DISCCART	463720.14	3772837.67	373.71	373.71
DISCCART	463727.11	3772854.39	374.00	374.00
DISCCART	463734.07	3772871.11	374.00	374.00
DISCCART	463758.45	3772929.62	375.00	375.00
DISCCART	463761.93	3772937.98	375.05	375.05
DISCCART	463768.89	3772954.70	375.61	375.61
DISCCART	463775.86	3772971.42	376.00	376.00
DISCCART	463782.82	3772988.13	376.00	376.00
DISCCART	463789.79	3773004.85	376.28	376.28
DISCCART	463793.27	3773013.21	376.56	376.56
DISCCART	463800.23	3773029.93	377.00	377.00
DISCCART	463807.20	3773046.65	377.00	377.00
DISCCART	463814.16	3773063.37	377.20	377.20
DISCCART	463817.65	3773071.72	377.38	377.38
DISCCART	463824.61	3773088.44	377.54	377.54
DISCCART	463831.58	3773105.16	377.73	377.73
DISCCART	463838.54	3773121.88	378.01	378.01
DISCCART	463845.51	3773138.60	378.00	378.00
DISCCART	463032.06	3772278.91	368.00	368.00
DISCCART	463048.67	3772285.75	368.00	368.00
DISCCART	463065.28	3772292.59	368.00	368.00
DISCCART	463073.59	3772296.01	368.00	368.00
DISCCART	463090.19	3772302.85	368.00	368.00
DISCCART	463098.50	3772306.27	368.00	368.00
DISCCART	463106.80	3772309.69	368.05	368.05
DISCCART	463123.41	3772316.53	368.00	368.00
DISCCART	463131.72	3772319.95	368.00	368.00
DISCCART	463148.32	3772326.78	368.00	368.00
DISCCART	463156.63	3772330.20	368.00	368.00
DISCCART	463173.24	3772337.04	368.02	368.02

DISCCART	463189.84	3772343.88	368.25	368.25
DISCCART	463206.45	3772350.72	368.48	368.48
DISCCART	463214.76	3772354.14	368.49	368.49
DISCCART	463231.37	3772360.98	368.23	368.23
DISCCART	463247.97	3772367.82	368.05	368.05
DISCCART	463256.28	3772371.24	368.16	368.16
DISCCART	463264.58	3772374.66	368.28	368.28
DISCCART	463281.19	3772381.50	368.51	368.51
DISCCART	463289.49	3772384.92	368.62	368.62
DISCCART	463306.10	3772391.76	368.85	368.85
DISCCART	463314.41	3772395.18	368.96	368.96
DISCCART	463331.02	3772402.02	369.00	369.00
DISCCART	463339.32	3772405.44	369.00	369.00
DISCCART	463355.93	3772412.27	369.00	369.00
DISCCART	463372.54	3772419.11	368.90	368.90
DISCCART	463380.84	3772422.53	368.91	368.91
DISCCART	463389.14	3772425.95	368.99	368.99
DISCCART	463488.79	3772466.99	369.36	369.36
DISCCART	463497.10	3772470.41	369.47	369.47
DISCCART	463513.71	3772477.25	369.70	369.70
DISCCART	463530.32	3772484.09	369.93	369.93
DISCCART	463538.62	3772487.50	370.04	370.04
DISCCART	463546.92	3772490.92	370.12	370.12
DISCCART	463563.53	3772497.76	370.08	370.08
DISCCART	463571.84	3772501.18	369.96	369.96
DISCCART	463588.44	3772508.02	369.83	369.83
DISCCART	463596.75	3772511.44	369.85	369.85
DISCCART	463613.36	3772518.28	370.04	370.04
DISCCART	463621.66	3772521.70	370.05	370.05
DISCCART	463633.42	3772533.41	370.00	370.00
DISCCART	463640.33	3772549.99	370.08	370.08
DISCCART	463647.23	3772566.57	370.28	370.28
DISCCART	463654.14	3772583.15	370.37	370.37
DISCCART	463661.05	3772599.73	370.74	370.74
DISCCART	463667.96	3772616.31	370.82	370.82
DISCCART	463674.86	3772632.89	370.94	370.94
DISCCART	463681.77	3772649.47	371.00	371.00
DISCCART	463688.68	3772666.05	371.00	371.00
DISCCART	463695.58	3772682.63	371.00	371.00
DISCCART	463702.49	3772699.21	371.05	371.05
DISCCART	463709.40	3772715.79	371.22	371.22
DISCCART	463716.31	3772732.37	371.29	371.29
DISCCART	463719.76	3772740.66	371.48	371.48
DISCCART	463726.67	3772757.24	372.00	372.00
DISCCART	463733.57	3772773.82	372.00	372.00
DISCCART	463740.48	3772790.40	372.14	372.14
DISCCART	463747.39	3772806.98	372.69	372.69
DISCCART	463754.30	3772823.56	373.24	373.24
DISCCART	463761.20	3772840.14	373.79	373.79
DISCCART	463768.11	3772856.72	374.00	374.00
DISCCART	463775.02	3772873.30	374.00	374.00
DISCCART	463802.65	3772939.62	375.11	375.11
DISCCART	463806.10	3772947.91	375.39	375.39
DISCCART	463813.01	3772964.49	375.94	375.94
DISCCART	463819.92	3772981.07	376.00	376.00
DISCCART	463826.82	3772997.65	376.04	376.04
DISCCART	463833.73	3773014.23	376.60	376.60
DISCCART	463840.64	3773030.81	377.00	377.00
DISCCART	463847.54	3773047.39	377.00	377.00
DISCCART	463854.45	3773063.97	377.00	377.00
DISCCART	463861.36	3773080.55	377.00	377.00
DISCCART	463868.27	3773097.14	377.36	377.36
DISCCART	463875.17	3773113.72	377.93	377.93
DISCCART	463882.08	3773130.30	378.00	378.00
DISCCART	463107.24	3772269.90	367.79	367.79
DISCCART	463123.94	3772276.78	368.00	368.00

DISCCART	463132.28	3772280.21	368.00	368.00
DISCCART	463140.63	3772283.65	368.00	368.00
DISCCART	463157.33	3772290.53	367.87	367.87
DISCCART	463165.68	3772293.96	367.78	367.78
DISCCART	463174.02	3772297.40	367.76	367.76
DISCCART	463190.72	3772304.28	367.93	367.93
DISCCART	463199.07	3772307.71	368.00	368.00
DISCCART	463207.41	3772311.15	368.00	368.00
DISCCART	463224.11	3772318.03	368.00	368.00
DISCCART	463232.46	3772321.46	368.00	368.00
DISCCART	463240.81	3772324.90	368.00	368.00
DISCCART	463257.50	3772331.78	368.00	368.00
DISCCART	463265.85	3772335.21	368.00	368.00
DISCCART	463274.20	3772338.65	368.00	368.00
DISCCART	463290.89	3772345.53	368.00	368.00
DISCCART	463299.24	3772348.96	368.00	368.00
DISCCART	463307.59	3772352.40	368.00	368.00
DISCCART	463324.28	3772359.28	368.00	368.00
DISCCART	463332.63	3772362.72	368.00	368.00
DISCCART	463340.98	3772366.15	368.00	368.00
DISCCART	463357.67	3772373.03	368.22	368.22
DISCCART	463366.02	3772376.47	368.27	368.27
DISCCART	463374.37	3772379.90	368.23	368.23
DISCCART	463391.06	3772386.78	368.00	368.00
DISCCART	463399.41	3772390.22	368.00	368.00
DISCCART	463407.76	3772393.65	368.00	368.00
DISCCART	463591.41	3772469.28	369.12	369.12
DISCCART	463599.76	3772472.72	369.00	369.00
DISCCART	463608.11	3772476.15	369.00	369.00
DISCCART	463624.80	3772483.03	369.00	369.00
DISCCART	463633.15	3772486.47	369.00	369.00
DISCCART	463641.50	3772489.90	369.12	369.12
DISCCART	463661.66	3772505.11	369.58	369.58
DISCCART	463665.14	3772513.45	369.74	369.74
DISCCART	463672.08	3772530.11	369.78	369.78
DISCCART	463675.55	3772538.45	369.86	369.86
DISCCART	463682.49	3772555.11	370.00	370.00
DISCCART	463685.97	3772563.45	370.00	370.00
DISCCART	463692.91	3772580.11	370.00	370.00
DISCCART	463696.38	3772588.45	370.00	370.00
DISCCART	463703.32	3772605.11	370.00	370.00
DISCCART	463706.80	3772613.45	370.24	370.24
DISCCART	463713.74	3772630.11	370.79	370.79
DISCCART	463717.21	3772638.45	371.00	371.00
DISCCART	463724.15	3772655.12	370.94	370.94
DISCCART	463727.63	3772663.45	370.97	370.97
DISCCART	463734.57	3772680.12	371.00	371.00
DISCCART	463738.04	3772688.45	371.00	371.00
DISCCART	463744.99	3772705.12	371.00	371.00
DISCCART	463748.46	3772713.45	371.00	371.00
DISCCART	463755.40	3772730.12	371.29	371.29
DISCCART	463758.87	3772738.45	371.59	371.59
DISCCART	463765.82	3772755.12	371.98	371.98
DISCCART	463769.29	3772763.45	372.00	372.00
DISCCART	463776.23	3772780.12	372.00	372.00
DISCCART	463779.70	3772788.45	372.07	372.07
DISCCART	463786.65	3772805.12	372.71	372.71
DISCCART	463790.12	3772813.45	372.94	372.94
DISCCART	463797.06	3772830.12	373.46	373.46
DISCCART	463800.53	3772838.45	373.74	373.74
DISCCART	463807.48	3772855.12	374.00	374.00
DISCCART	463810.95	3772863.45	374.00	374.00
DISCCART	463838.72	3772930.12	374.80	374.80
DISCCART	463842.19	3772938.46	375.07	375.07
DISCCART	463849.14	3772955.12	375.63	375.63
DISCCART	463852.61	3772963.46	375.90	375.90

DISCCART	463859.55	3772980.12	376.00	376.00
DISCCART	463863.02	3772988.46	376.00	376.00
DISCCART	463869.97	3773005.12	376.29	376.29
DISCCART	463873.44	3773013.46	376.57	376.57
DISCCART	463880.38	3773030.13	377.00	377.00
DISCCART	463887.33	3773046.79	377.00	377.00
DISCCART	463890.80	3773055.13	377.00	377.00
DISCCART	463897.74	3773071.79	377.48	377.48
DISCCART	463901.21	3773080.13	377.80	377.80
DISCCART	463908.16	3773096.79	378.00	378.00
DISCCART	463911.63	3773105.13	378.00	378.00
DISCCART	463918.57	3773121.79	378.00	378.00
DISCCART	463922.04	3773130.13	378.00	378.00
DISCCART	463208.30	3772271.55	367.00	367.00
DISCCART	463216.69	3772275.01	367.00	367.00
DISCCART	463225.07	3772278.46	367.07	367.07
DISCCART	463233.46	3772281.91	367.19	367.19
DISCCART	463250.24	3772288.82	367.42	367.42
DISCCART	463258.63	3772292.28	367.53	367.53
DISCCART	463267.02	3772295.73	367.65	367.65
DISCCART	463275.40	3772299.18	367.62	367.62
DISCCART	463283.79	3772302.64	367.46	367.46
DISCCART	463292.18	3772306.09	367.25	367.25
DISCCART	463300.57	3772309.55	367.11	367.11
DISCCART	463308.96	3772313.00	367.22	367.22
DISCCART	463317.34	3772316.45	367.34	367.34
DISCCART	463325.73	3772319.91	367.45	367.45
DISCCART	463334.12	3772323.36	367.57	367.57
DISCCART	463342.51	3772326.82	367.68	367.68
DISCCART	463350.90	3772330.27	367.80	367.80
DISCCART	463359.28	3772333.73	367.91	367.91
DISCCART	463367.67	3772337.18	367.74	367.74
DISCCART	463376.06	3772340.63	367.53	367.53
DISCCART	463392.84	3772347.54	367.37	367.37
DISCCART	463401.22	3772351.00	367.49	367.49
DISCCART	463689.91	3772476.81	368.68	368.68
DISCCART	463693.39	3772485.18	368.84	368.84
DISCCART	463700.37	3772501.93	368.83	368.83
DISCCART	463707.35	3772518.68	369.03	369.03
DISCCART	463714.33	3772535.43	369.11	369.11
DISCCART	463721.30	3772552.17	369.19	369.19
DISCCART	463728.28	3772568.92	369.75	369.75
DISCCART	463735.26	3772585.67	370.00	370.00
DISCCART	463742.23	3772602.42	370.00	370.00
DISCCART	463749.21	3772619.16	370.01	370.01
DISCCART	463756.19	3772635.91	370.00	370.00
DISCCART	463763.17	3772652.66	370.54	370.54
DISCCART	463770.14	3772669.41	371.00	371.00
DISCCART	463777.12	3772686.15	371.00	371.00
DISCCART	463784.10	3772702.90	371.33	371.33
DISCCART	463791.07	3772719.65	371.86	371.86
DISCCART	463798.05	3772736.40	372.00	372.00
DISCCART	463805.03	3772753.15	372.00	372.00
DISCCART	463812.00	3772769.89	372.45	372.45
DISCCART	463818.98	3772786.64	373.00	373.00
DISCCART	463825.96	3772803.39	373.00	373.00
DISCCART	463832.94	3772820.14	373.13	373.13
DISCCART	463839.91	3772836.88	373.68	373.68
DISCCART	463846.89	3772853.63	373.82	373.82
DISCCART	463853.87	3772870.38	373.91	373.91
DISCCART	463885.26	3772945.74	375.31	375.31
DISCCART	463892.24	3772962.49	375.87	375.87
DISCCART	463899.22	3772979.24	376.00	376.00
DISCCART	463906.19	3772995.99	376.00	376.00
DISCCART	463913.17	3773012.73	376.55	376.55
DISCCART	463920.15	3773029.48	377.07	377.07

DISCCART	463927.13	3773046.23	377.61	377.61
DISCCART	463934.10	3773062.98	378.00	378.00
DISCCART	463941.08	3773079.72	378.00	378.00
DISCCART	463948.06	3773096.47	378.00	378.00
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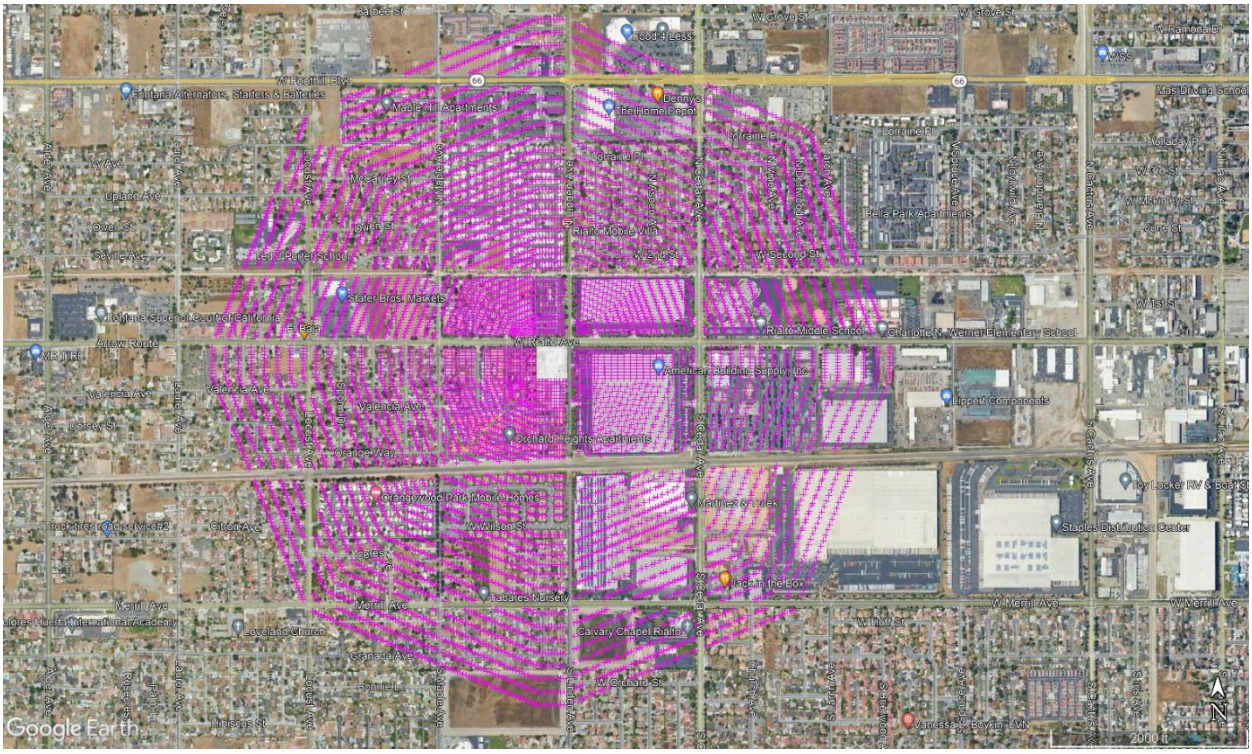
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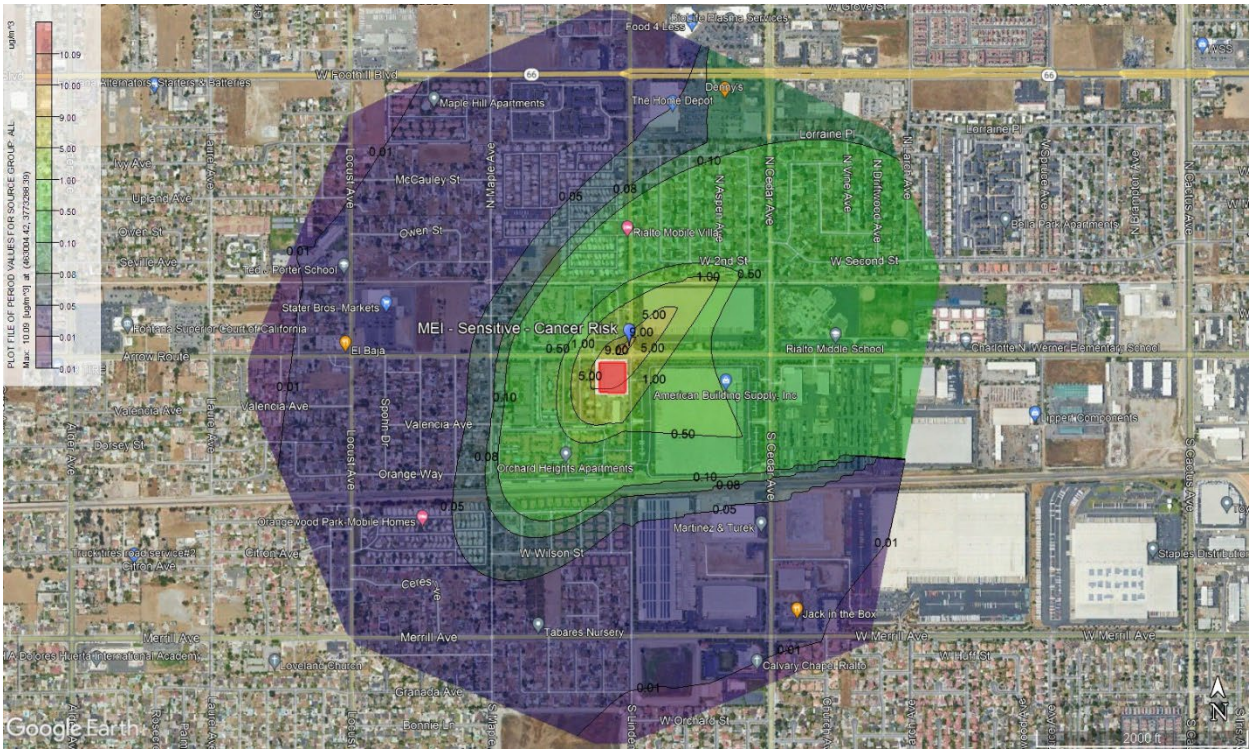
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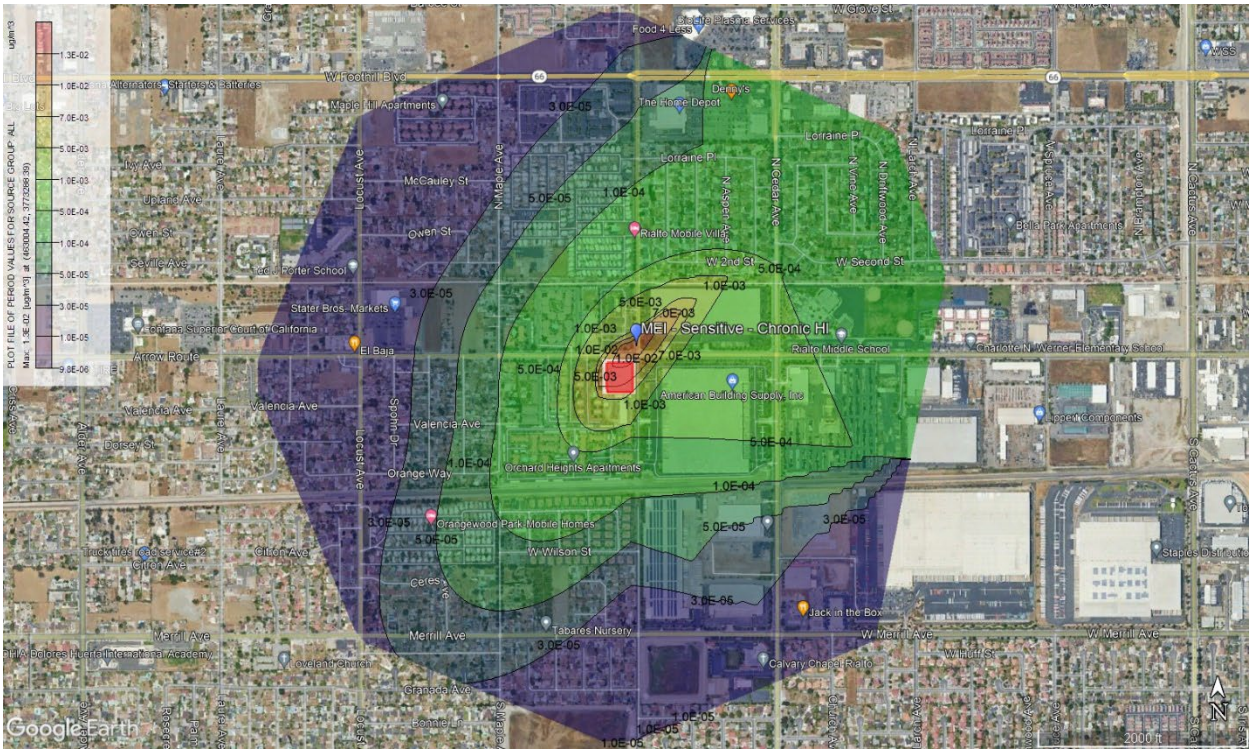
Receptor Grid



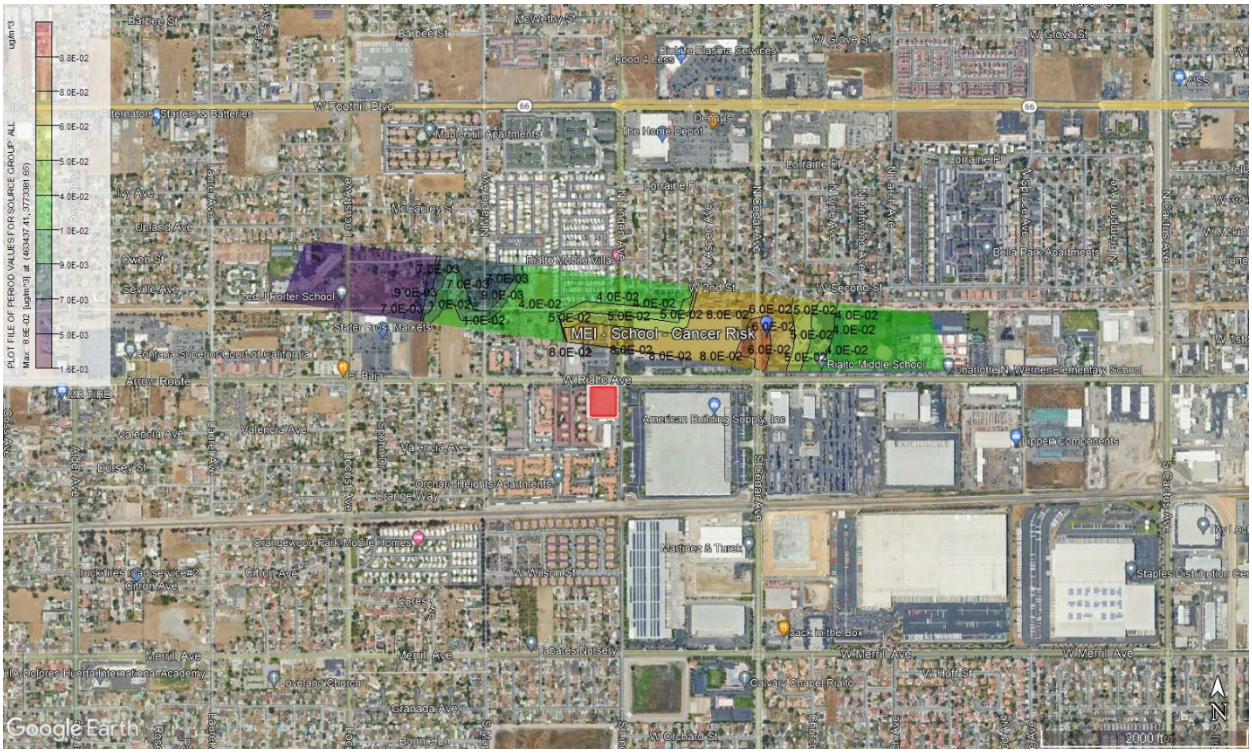
Unmitigated Construction Cancer Risk – Residential Receptor



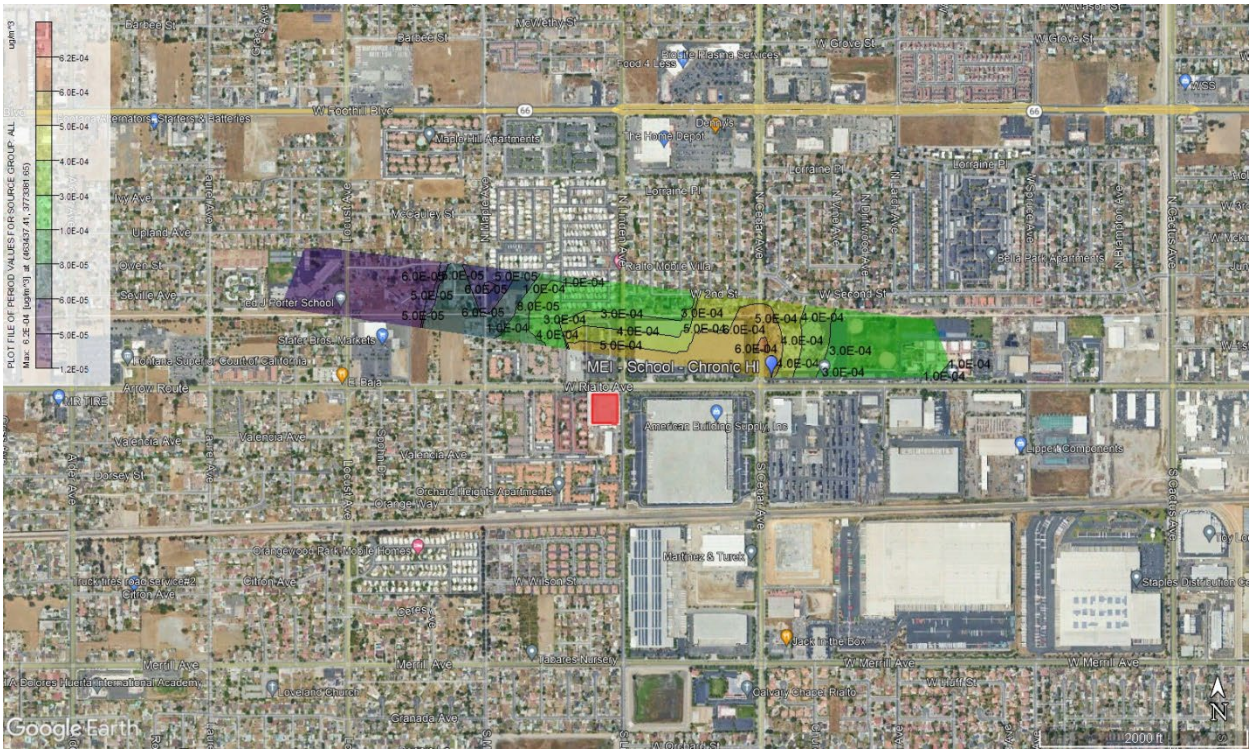
Unmitigated Construction Chronic Hazard Index – Residential Receptor



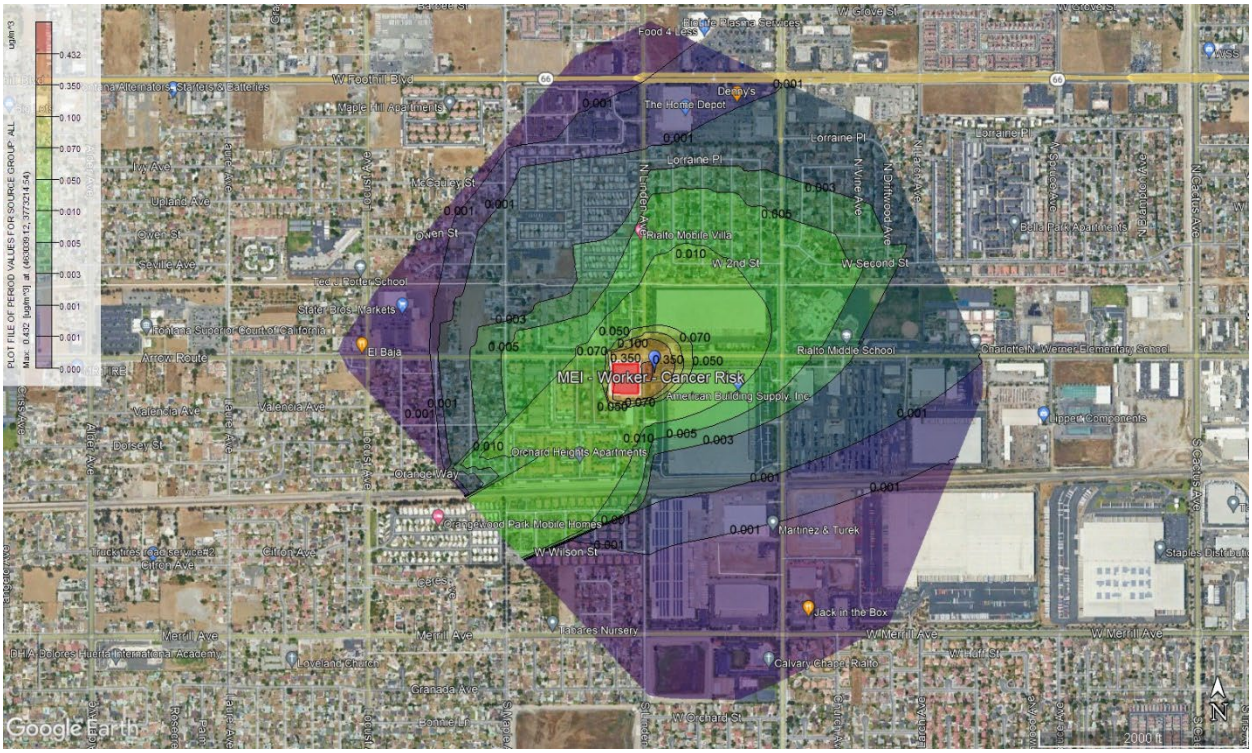
Unmitigated Construction Cancer Risk – School Receptor



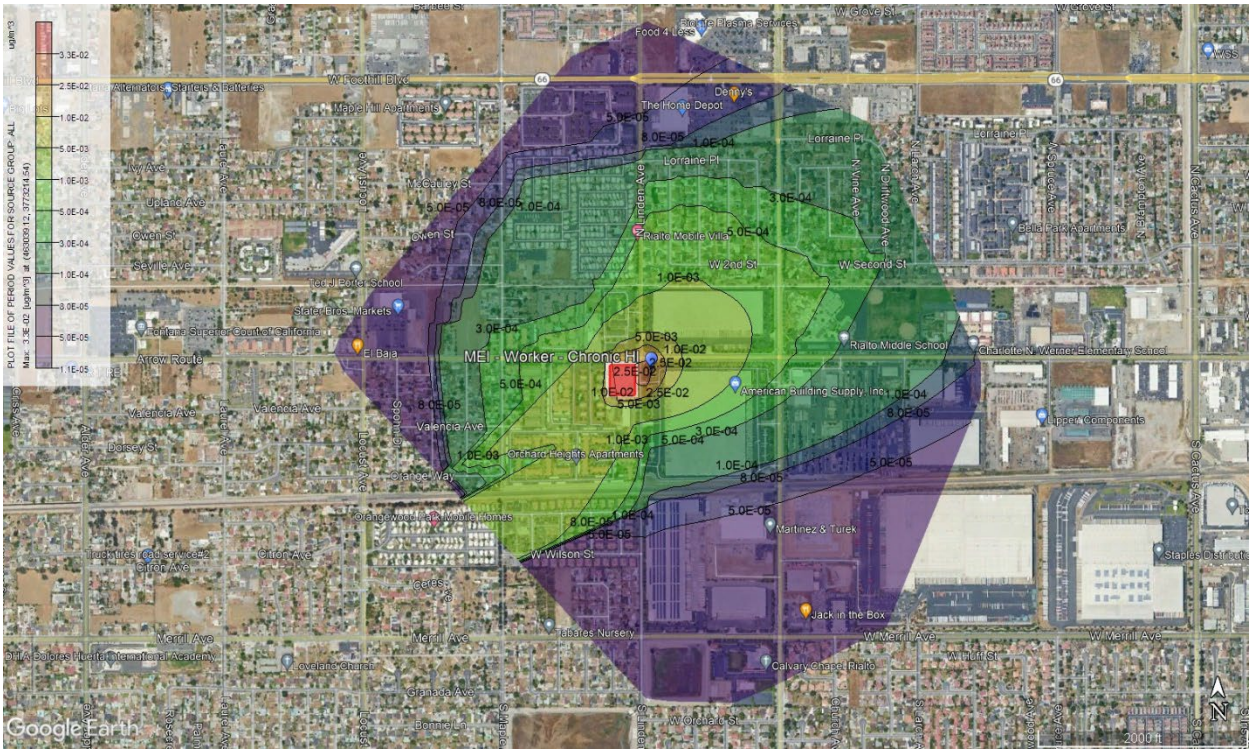
Unmitigated Construction Chronic Hazard Index – School Receptor



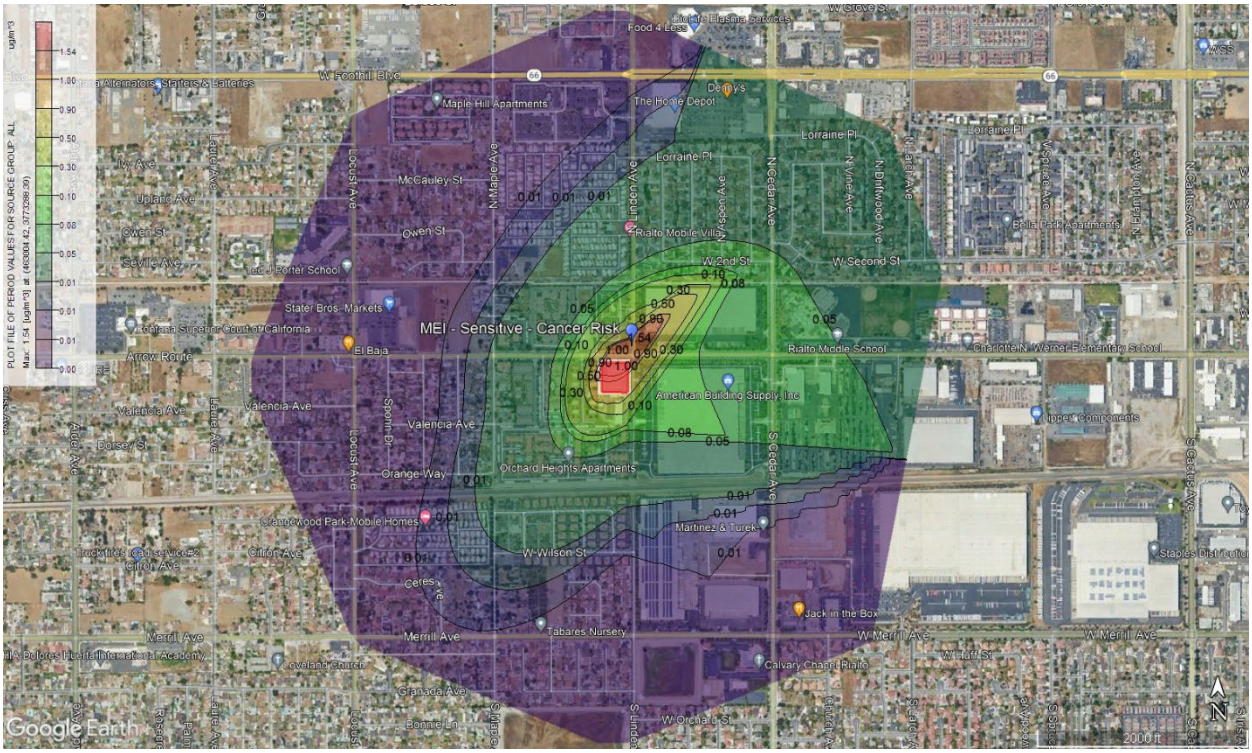
Unmitigated Construction Cancer Risk – Worker Receptor



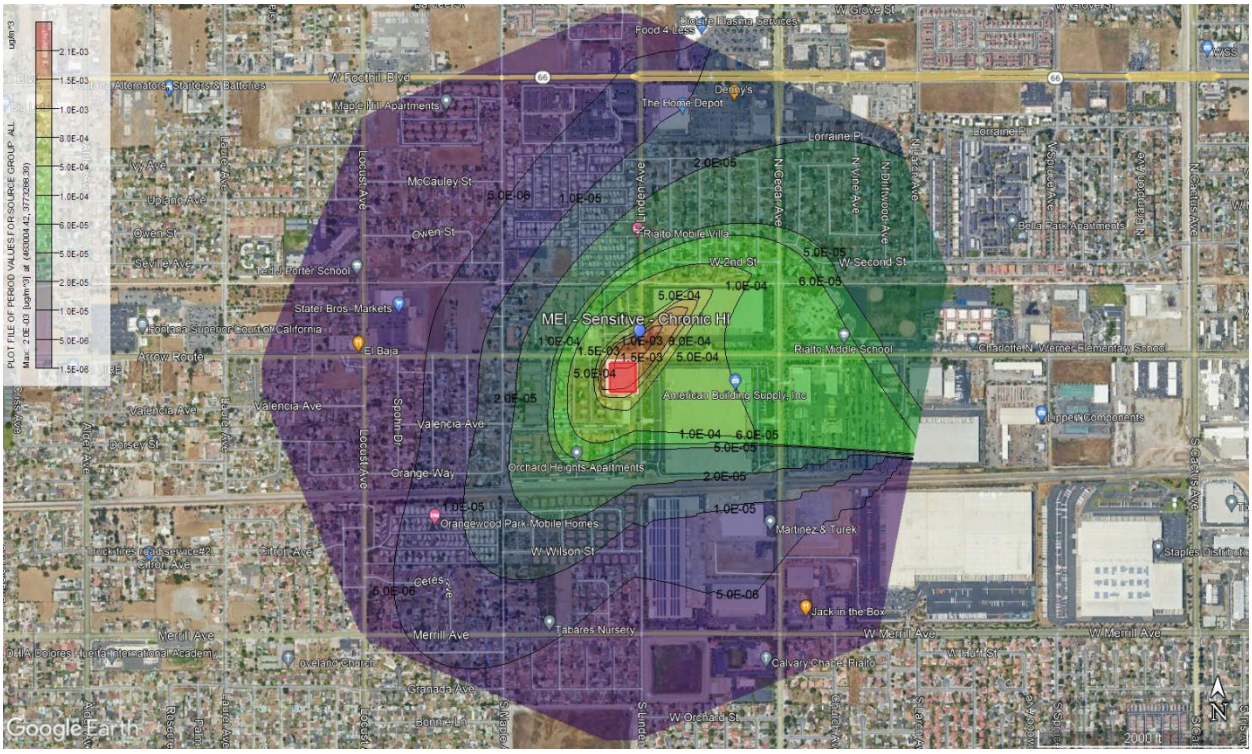
Unmitigated Construction Chronic Hazard Index – Worker Receptor



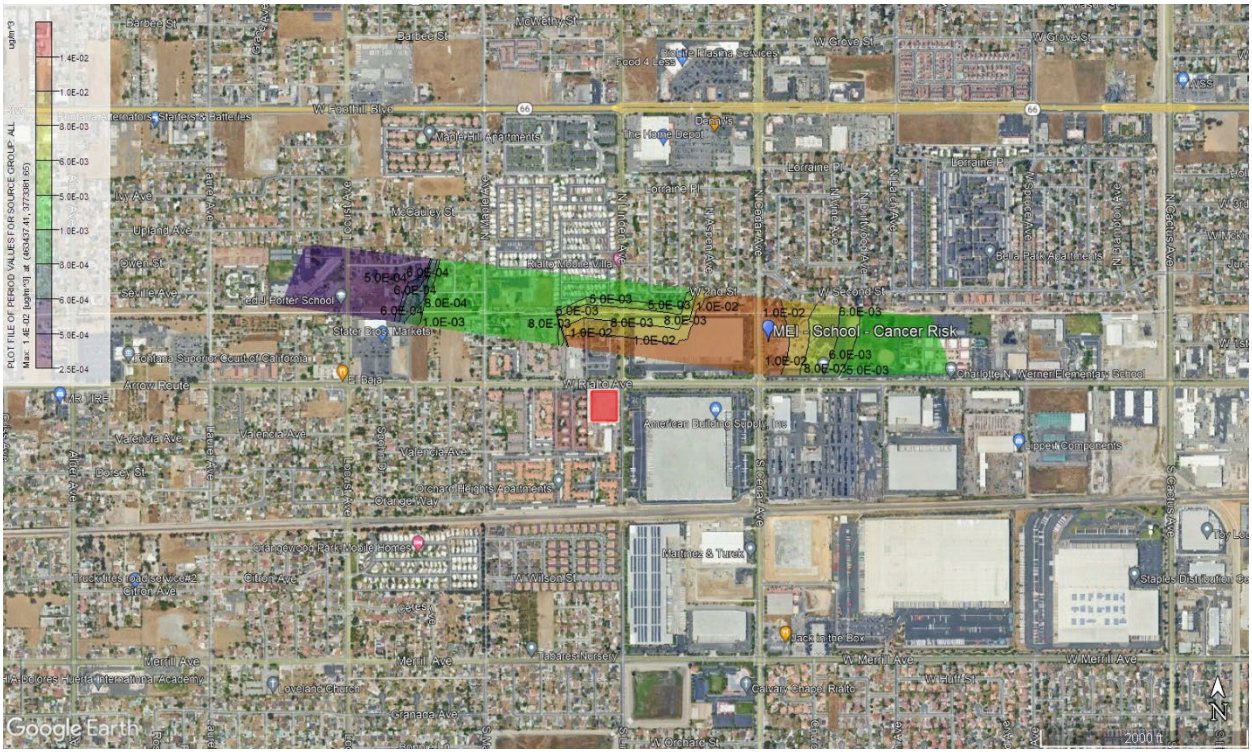
Mitigated Construction Cancer Risk – Residential Receptor



Mitigated Construction Chronic Hazard Index – Residential Receptor



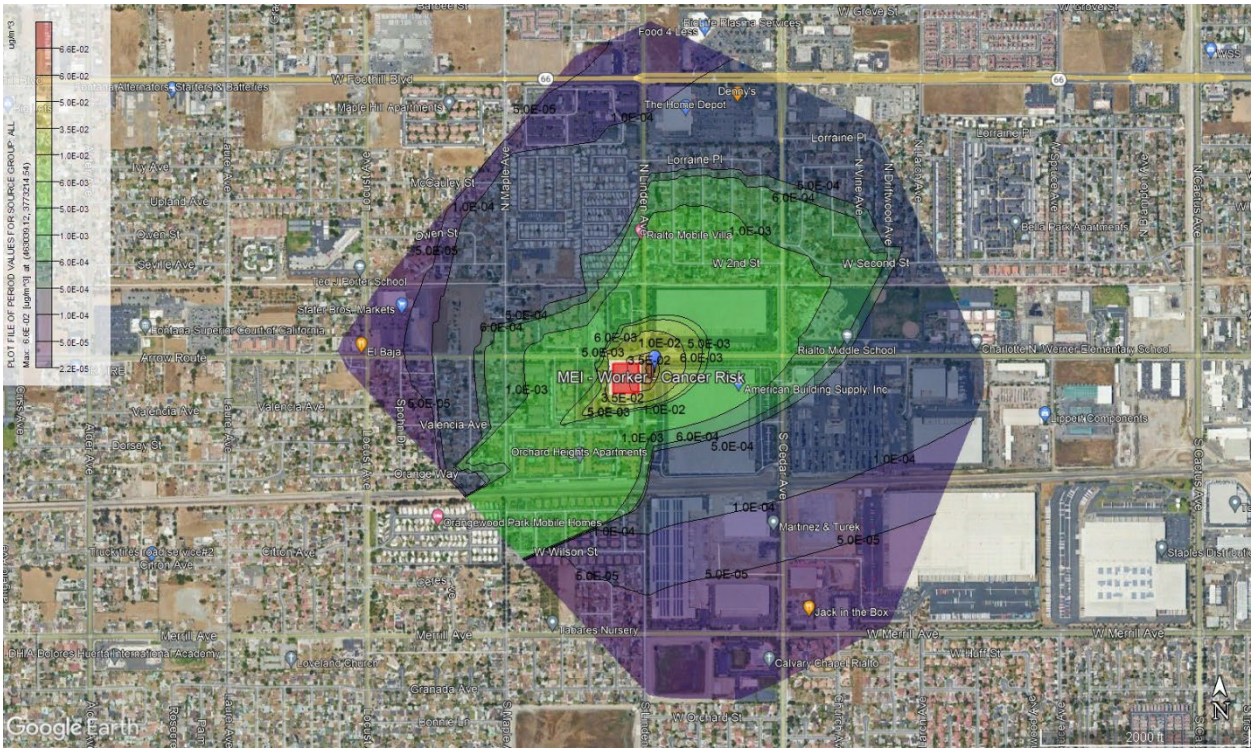
Mitigated Construction Cancer Risk – School Receptor



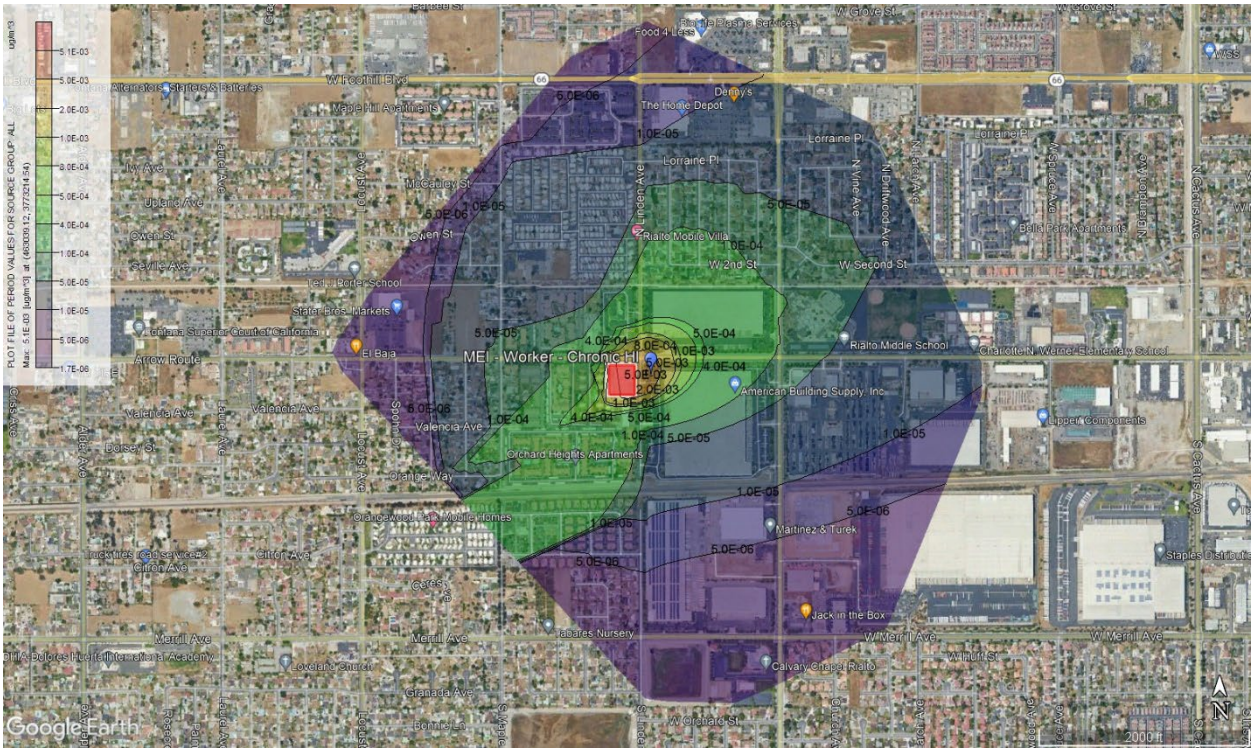
Mitigated Construction Chronic Hazard Index – School Receptor



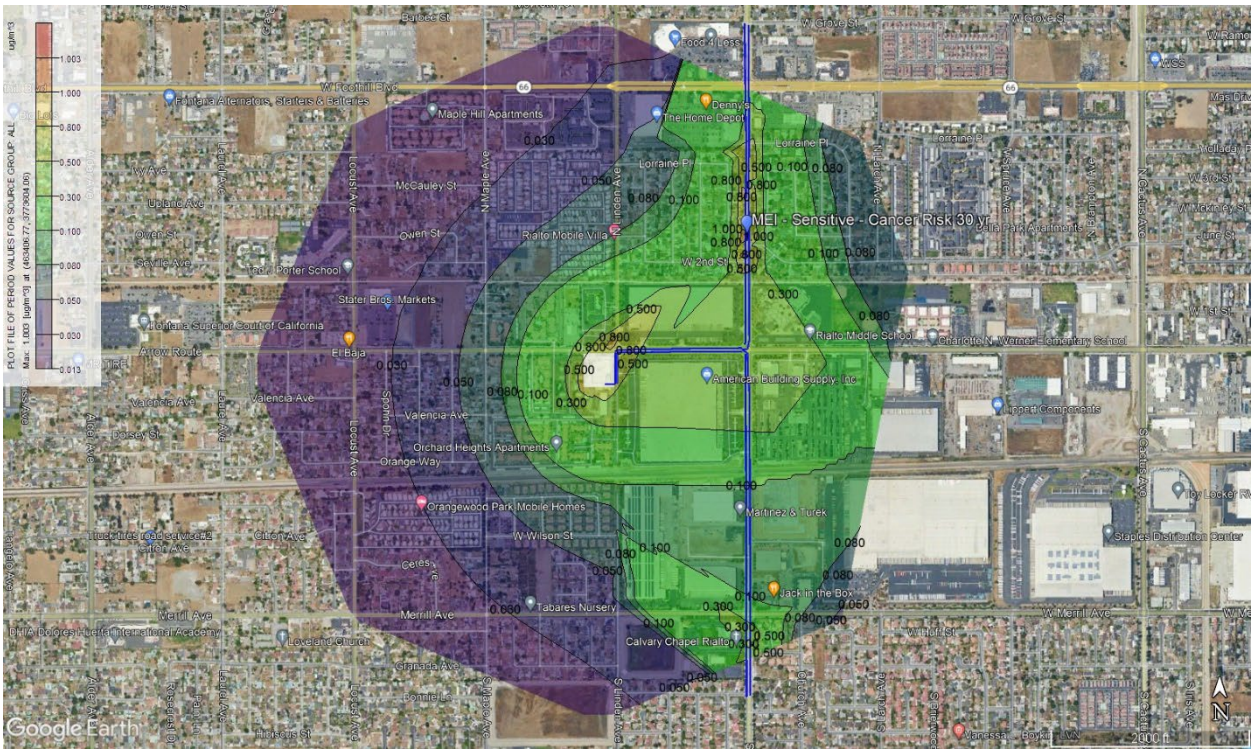
Mitigated Construction Cancer Risk – Worker Receptor



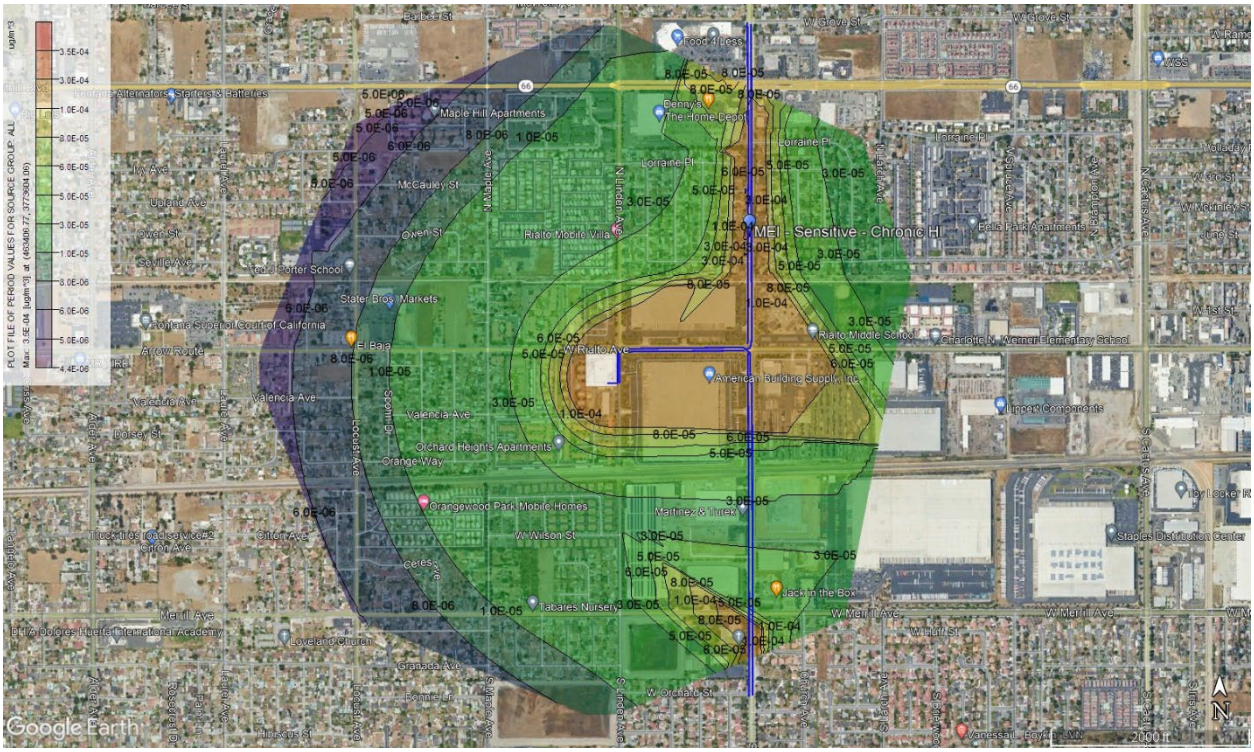
Mitigated Construction Chronic Hazard Index – Worker Receptor



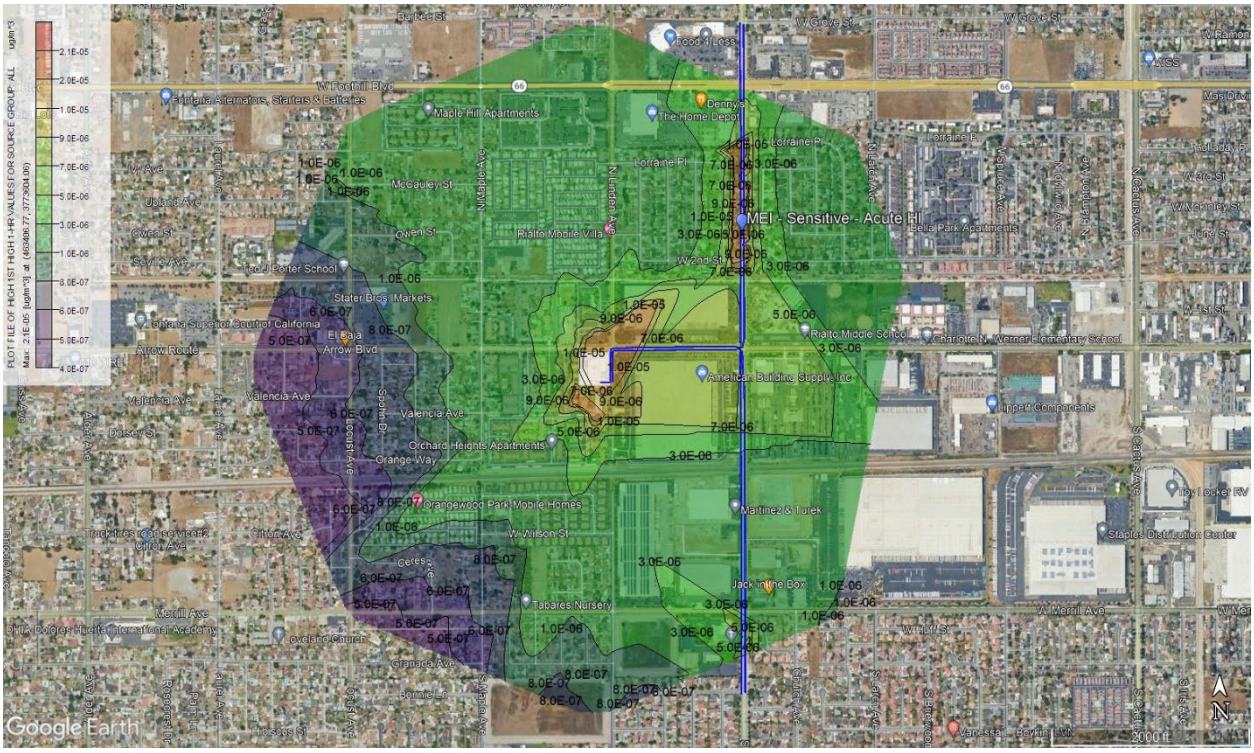
Operational Cancer Risk – Residential Receptor



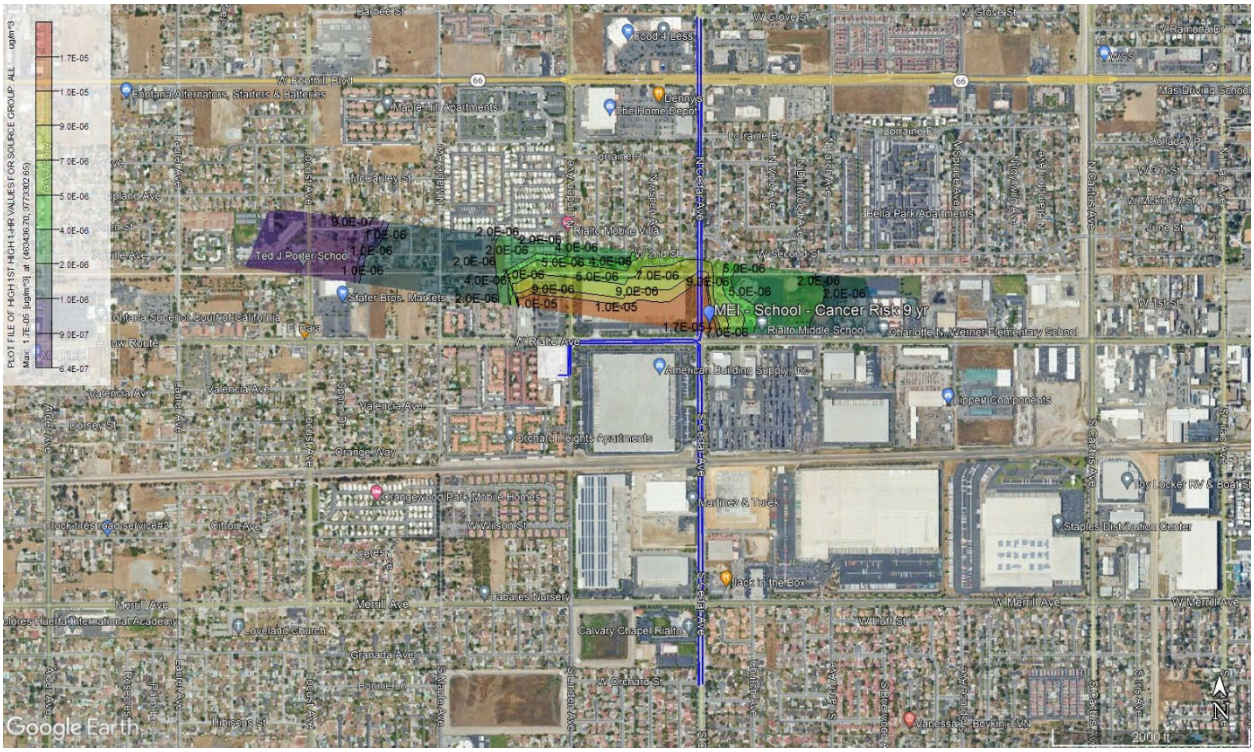
Operational Chronic Hazard Index – Residential Receptor



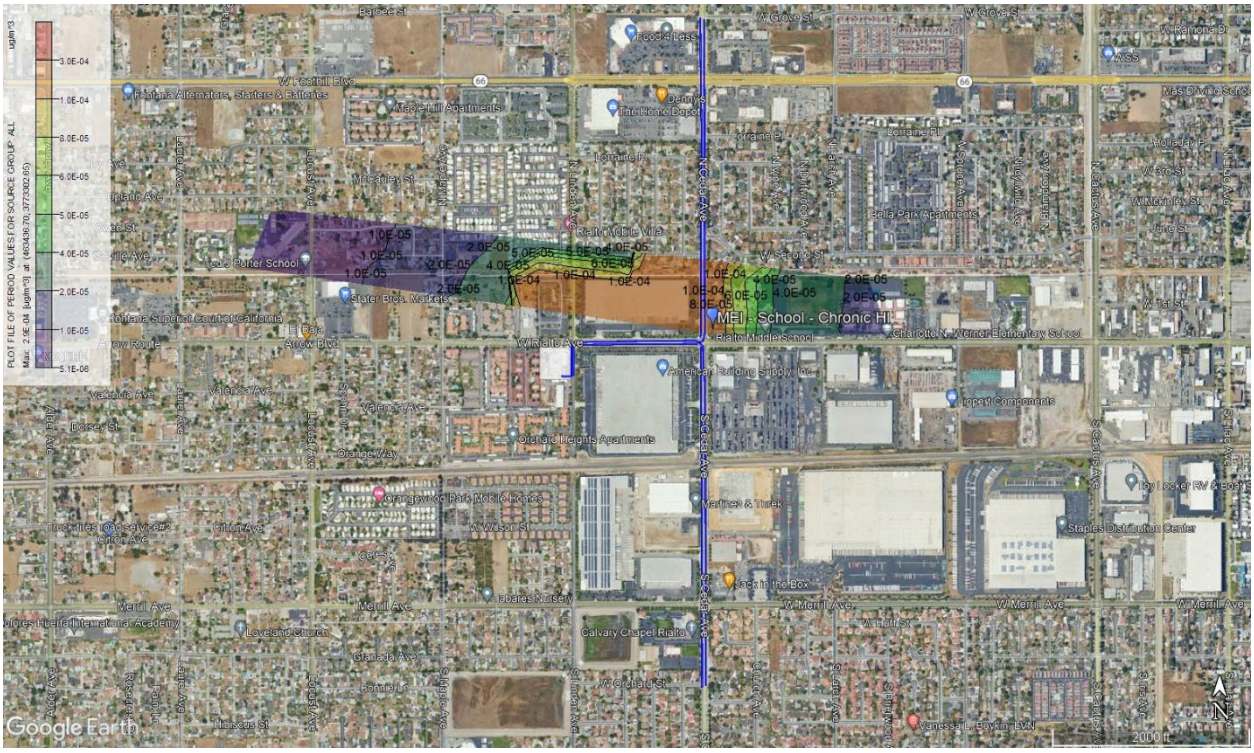
Operational Acute Hazard Index – Residential Receptor



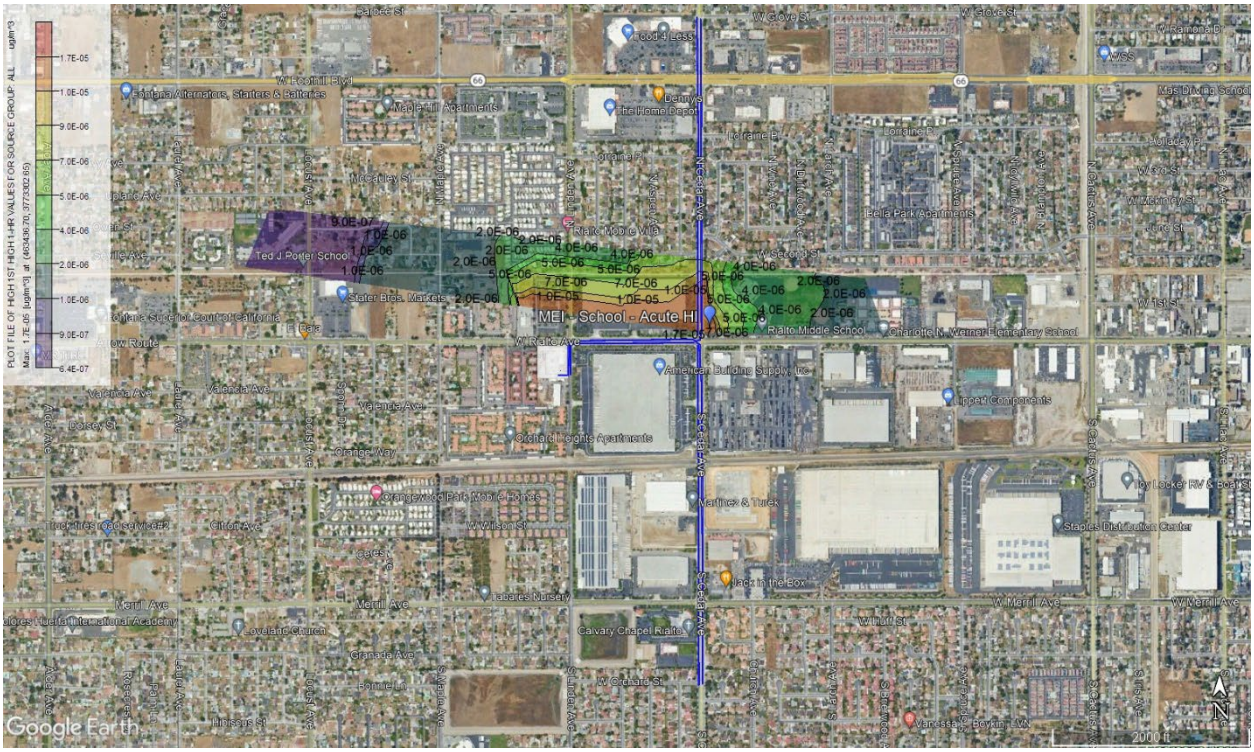
Operational Cancer Risk – School Receptor



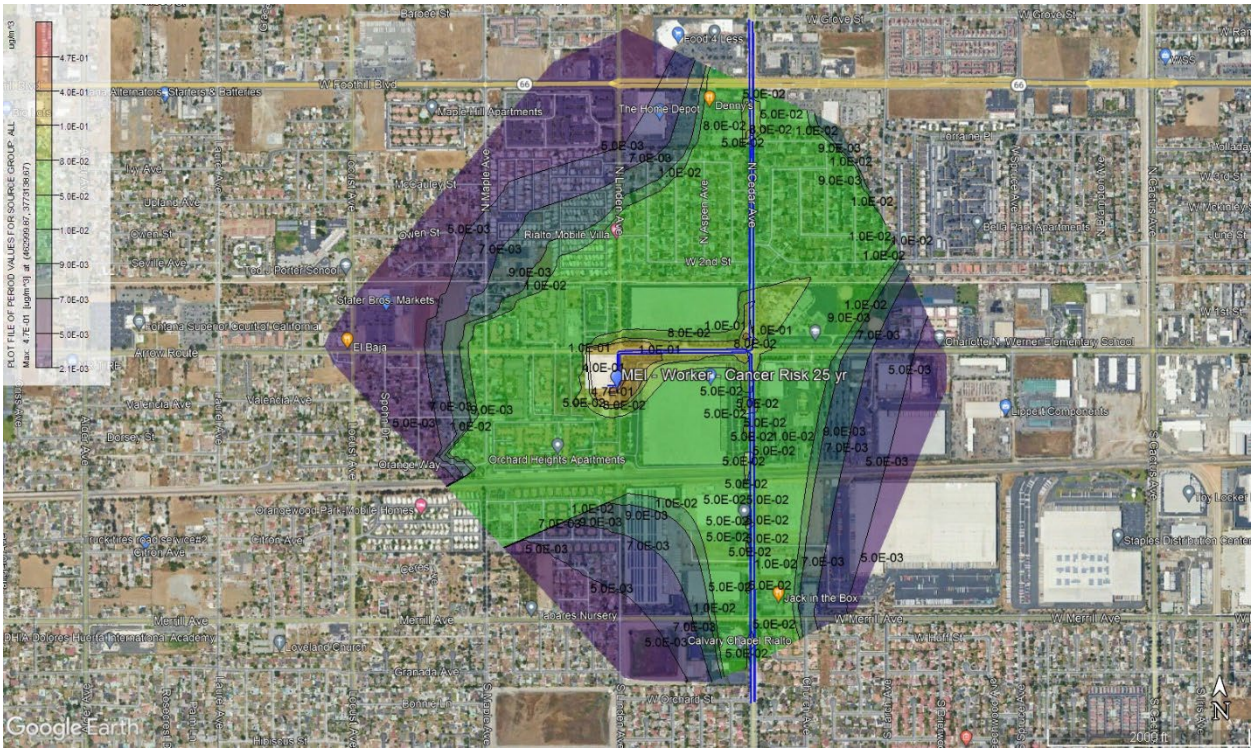
Operational Chronic Hazard Index – School Receptor



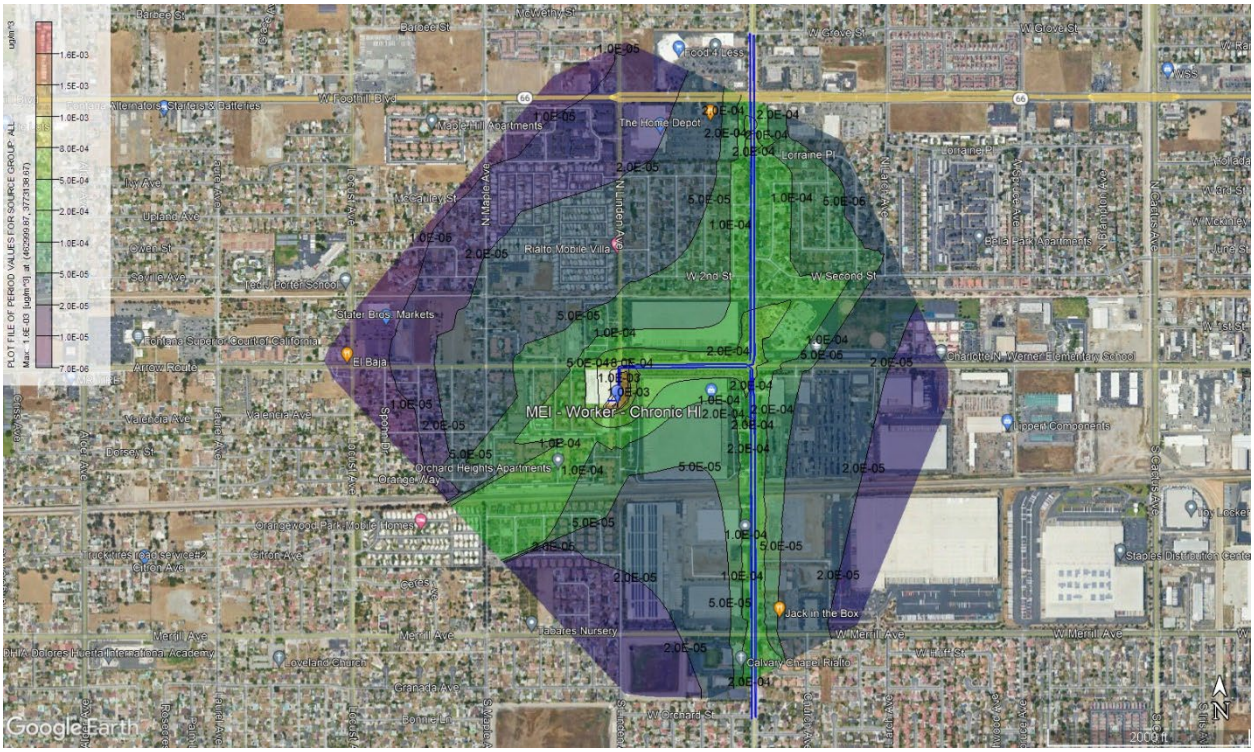
Operational Acute Hazard Index – School Receptor



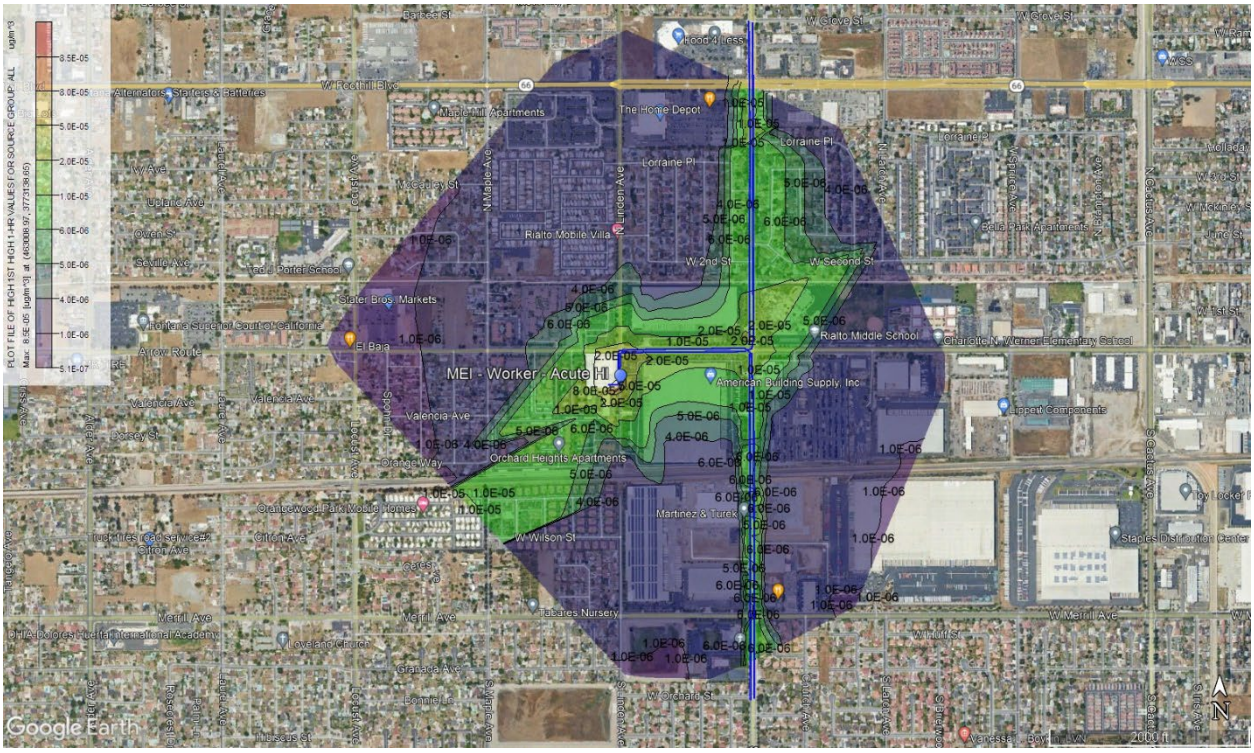
Operational Cancer Risk – Worker Receptor



Operational Chronic Hazard Index – Worker Receptor



Operational Acute Hazard Index – Worker Receptor



PM 10				
Tons/Yr	T2	T2L3	T4F	
Year 1	0.038705	0.005925	0.00254	0
Year 2	0	0	0	0
Year 3	0	0	0	0
Year 4	0	0	0	0

PM 10				
Lbs /Yr	T2	T2L3	T4F	0
Year 1	77.41	11.85	5.08	0
Year 2	0	0	0	0
Year 3	0	0	0	0
Year 4	0	0	0	0

PM 10				
% Chng	T2	T2L3	T4F	0
Year 1	100%	15%	7%	0%
Year 2	0%	0%	0%	0%
Year 3	0%	0%	0%	0%
Year 4	0%	0%	0%	0%

	Daily Trips
	72

	Passenger Vehicles	2-Axle Trks	3-Axle Trks	4-Axle Trks	Total
Percentage	59.7%	1.4%	11.1%	27.8%	100%
# Daily Vehicles	43.00	1.00	8.00	20.00	72
# Annual Vehicles	15,695	365	2,920	7,300	26,280

Truck Travel

Onsite Truck Travel Emissions			
Category	# of Trucks / Yr	% of Total	DPM EF (lb/Mile)
2-Axle Trks	365	3.4%	3.05E-01
3-Axle Trks	2,920	27.6%	1.42E-01
4-Axle Trks	7,300	69.0%	1.72E-01
Total	10,585	100%	---

DPM Lbs/ Yr	IN_OUT	IN_LIND	OUT_LIN				Total
Distance (m)	28.2	95	93.2	0	0	0	216.4
%	100%	50%	50%	0%	100%	100%	400%
2-Axle Trks	5.34E-03	9.00E-03	8.83E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-02
3-Axle Trks	2.49E-03	4.19E-03	4.11E-03	0.00E+00	0.00E+00	0.00E+00	1.08E-02
4-Axle Trks	3.02E-03	5.09E-03	4.99E-03	0.00E+00	0.00E+00	0.00E+00	1.31E-02
Total	1.09E-02	1.83E-02	1.79E-02	0.00E+00	0.00E+00	0.00E+00	4.71E-02

Offsite Truck Travel Emissions			
Category	# of Trucks / Yr	% of Total	DPM EF (lb/Mile)
2-Axle Trks	365	3.4%	2.10E-02
3-Axle Trks	2,920	27.6%	6.25E-02
4-Axle Trks	7,300	69.0%	5.04E-01
Total	10,585	100%	---

DPM Lbs/ Yr	IN1	OUT1	OUT2	IN2	IN3	OUT3	Total
Gas Only	N	N	N	N	N	N	
Distance (m)	976.7	1000.7	1041.9	1064.7	386.9	377.4	4848.3
%	50%	50%	50%	50%	50%	50%	300%
2-Axle Trks	6.37E-03	6.52E-03	6.79E-03	6.94E-03	2.52E-03	2.46E-03	3.16E-02
3-Axle Trks	1.90E-02	1.94E-02	2.02E-02	2.07E-02	7.52E-03	7.33E-03	9.42E-02
4-Axle Trks	1.53E-01	1.57E-01	1.63E-01	1.67E-01	6.06E-02	5.91E-02	7.59E-01
Total	1.78E-01	1.83E-01	1.90E-01	1.94E-01	7.06E-02	6.89E-02	8.85E-01

Truck Idle

# of Idling Pts	3

Truck Idling						Idle						Total
Category	# of Trucks / Yr	Idle EF (lbs /Idle-Event)	Time (Hr)	Lbs/ Yr	Lbs / Yr /Unit	3	0	0	0	0	0	3
2-Axle Trks	365	6.08E-05	0.25	5.55E-03	1.85E-03	5.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-03
3-Axle Trks	2,920	3.80E-05	0.25	2.77E-02	9.24E-03	2.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
4-Axle Trks	7,300	8.29E-05	0.25	1.51E-01	5.04E-02	1.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-01
Total	10,585	--	--	1.85E-01	6.15E-02	6.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-01

TRUs

Percent of Trucks	0		# of Units	1

Onsite TRU Emissions					
Category	Percentage	# of TRUs / Yr	Time (Hr)	*DPM EF (lbs/Event)	Emissions (lb/Yr)
2-Axle Trks	15.5	0	0.50	4.19E-03	0.00
3-Axle Trks	4.9	0			0.00
4-Axle Trks	24.3	0			0.00
Total	45	0	Emission/Unit		0.00

* TRU EF * BHP * Load factor * Time in hours

Vehicle Emissions

Vehicle Travel Percentage / Count			
Category	# of Vehicles / Yr	% LDA	% LDT
Passenger Vehicles	15,695	67%	33.26%
# Vehicles		10,475	5,220

Category	TOG Exhaust EF (lb/Mile)	TOG Runloss EF (lb/Mile)
LDA	2.56E-05	5.07E-04
LDT	6.00E-05	8.40E-04

CARB TOG Speciation Profile Run Exhaust			Lbs/mi/yr	
CAS#	Chemical Name	Fraction	LDA	LDT
75070	Acetaldehyde	2.80E-03	7.52E-04	8.78E-04
107028	Acrolein	1.30E-03	3.49E-04	4.07E-04
71432	Benzene	2.47E-02	6.63E-03	7.74E-03
106990	1,3-Butadiene	5.50E-03	1.48E-03	1.72E-03
100414	Ethylbenzene	1.05E-02	2.82E-03	3.29E-03
50000	Formaldehyde	1.58E-02	4.24E-03	4.95E-03
110543	Hexane	1.60E-02	4.30E-03	5.02E-03
67561	Methanol	1.20E-03	3.22E-04	3.76E-04
78933	Methyl Ethyl Ketone	2.00E-04	5.37E-05	6.27E-05
91203	Naphthalene	5.00E-04	1.34E-04	1.57E-04
115071	Propylene	3.06E-02	8.22E-03	9.59E-03
100425	Styrene	1.20E-03	3.22E-04	3.76E-04
108883	Toluene	5.76E-02	1.55E-02	1.81E-02
1330207	Xylenes	4.80E-02	1.29E-02	1.50E-02
9901	Diesel	1.23E-02	2.85E-01	1.42E-01

CARB TOG Speciation Profile Evaporative Losses			Lbs/mi/yr	
CAS#	Chemical Name	Fraction	LDA	LDT
71432	Benzene	3.600E-03	9.67E-04	1.13E-03
100414	Ethylbenzene	1.180E-03	3.17E-04	3.70E-04
110543	Hexane	1.540E-02	4.14E-03	4.83E-03
108883	Toluene	1.700E-02	4.57E-03	5.33E-03
1330207	Xylenes	5.780E-03	1.55E-03	1.81E-03

Vehicle Emissions Travel Summary

Emissions Summary				Source Col	1		2		3		4		5		6		7		8		9		10		11		12		Total Percentage	Total Distance
				Vehicles	IN_OUT		IN_LIND		OUT_LIN		0		0		0		IN1		OUT1		OUT2		IN2		IN3		OUT3			
				Cars	100%		50%		50%		20%		10%		10%		50%		50%		50%		50%		50%		50%			
					100.00%		50.00%		50.00%		20.00%		10.00%		10.00%		50.00%		50.00%		50.00%		50.00%		50.00%		50.00%		540.00%	5064.7
				Trucks	0%		0%		0%		0%		0%		0%		0%		0%		0%		0%		0%		0%			
					0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%			
CAS#	Chemical Name	Lbs/mi/Hr	Lbs/mi/ Yr		Lbs/ Hr	Lbs/ Yr	Lbs/ Hr	Lbs/ Yr	Lbs/ Hr	Lbs/ Yr	Lbs/ Hr	Lbs/ Yr	Lbs/ Hr	Lbs/ Yr	Lbs/ Hr	Lbs/ Yr	Lbs/ Hr	Lbs/ Yr	Lbs/ Hr	Lbs/ Yr	Lbs/ Hr	Lbs/ Yr	Lbs/ Hr	Lbs/ Yr	Lbs/ Hr	Lbs/ Yr	Lbs/ Hr	Lbs/ Yr	Lbs/ Hr	Lbs/ Yr
75070	Acetaldehyde	5.43E-07	1.63E-03		5.43E-07	1.63E-03	2.72E-07	8.15E-04	2.72E-07	8.15E-04	1.09E-07	3.26E-04	5.43E-08	1.63E-04	5.43E-08	1.63E-04	1.36E-07	4.07E-04	1.36E-07	4.07E-04	1.36E-07	4.07E-04	1.36E-07	4.07E-04	1.36E-07	4.07E-04	1.36E-07	4.07E-04	2.12E-06	6.36E-03
107028	Acrolein	2.52E-07	7.57E-04		2.52E-07	7.57E-04	1.26E-07	3.78E-04	1.26E-07	3.78E-04	5.04E-08	1.51E-04	2.52E-08	7.57E-05	2.52E-08	7.57E-05	6.31E-08	1.89E-04	6.31E-08	1.89E-04	6.31E-08	1.89E-04	6.31E-08	1.89E-04	6.31E-08	1.89E-04	6.31E-08	1.89E-04	9.84E-07	2.95E-03
71432	Benzene	5.49E-06	1.65E-02		5.49E-06	1.65E-02	2.75E-06	8.24E-03	2.75E-06	8.24E-03	1.10E-06	3.29E-03	5.49E-07	1.65E-03	5.49E-07	1.65E-03	1.37E-06	4.12E-03	1.37E-06	4.12E-03	1.37E-06	4.12E-03	1.37E-06	4.12E-03	1.37E-06	4.12E-03	1.37E-06	4.12E-03	2.14E-05	6.42E-02
106990	1,3-Butadiene	1.07E-06	3.20E-03		1.07E-06	3.20E-03	5.34E-07	1.60E-03	5.34E-07	1.60E-03	2.13E-07	6.40E-04	1.07E-07	3.20E-04	1.07E-07	3.20E-04	2.67E-07	8.00E-04	2.67E-07	8.00E-04	2.67E-07	8.00E-04	2.67E-07	8.00E-04	2.67E-07	8.00E-04	2.67E-07	8.00E-04	4.16E-06	1.25E-02
100414	Ethylbenzene	2.27E-06	6.80E-03		2.27E-06	6.80E-03	1.13E-06	3.40E-03	1.13E-06	3.40E-03	4.53E-07	1.36E-03	2.27E-07	6.80E-04	2.27E-07	6.80E-04	5.67E-07	1.70E-03	5.67E-07	1.70E-03	5.67E-07	1.70E-03	5.67E-07	1.70E-03	5.67E-07	1.70E-03	5.67E-07	1.70E-03	8.84E-06	2.65E-02
50000	Formaldehyde	3.07E-06	9.20E-03		3.07E-06	9.20E-03	1.53E-06	4.60E-03	1.53E-06	4.60E-03	6.13E-07	1.84E-03	3.07E-07	9.20E-04	3.07E-07	9.20E-04	7.66E-07	2.30E-03	7.66E-07	2.30E-03	7.66E-07	2.30E-03	7.66E-07	2.30E-03	7.66E-07	2.30E-03	7.66E-07	2.30E-03	1.20E-05	3.59E-02
110543	Hexane	6.09E-06	1.83E-02		6.09E-06	1.83E-02	3.05E-06	9.14E-03	3.05E-06	9.14E-03	1.22E-06	3.66E-03	6.09E-07	1.83E-03	6.09E-07	1.83E-03	1.52E-06	4.57E-03	1.52E-06	4.57E-03	1.52E-06	4.57E-03	1.52E-06	4.57E-03	1.52E-06	4.57E-03	1.52E-06	4.57E-03	2.38E-05	7.13E-02
67561	Methanol	2.33E-07	6.98E-04		2.33E-07	6.98E-04	1.16E-07	3.49E-04	1.16E-07	3.49E-04	4.66E-08	1.40E-04	2.33E-08	6.98E-05	2.33E-08	6.98E-05	5.82E-08	1.75E-04	5.82E-08	1.75E-04	5.82E-08	1.75E-04	5.82E-08	1.75E-04	5.82E-08	1.75E-04	5.82E-08	1.75E-04	9.08E-07	2.72E-03
78933	Methyl Ethyl Ketone	3.88E-08	1.16E-04		3.88E-08	1.16E-04	1.94E-08	5.82E-05	1.94E-08	5.82E-05	7.76E-09	2.33E-05	3.88E-09	1.16E-05	3.88E-09	1.16E-05	9.70E-09	2.91E-05	9.70E-09	2.91E-05	9.70E-09	2.91E-05	9.70E-09	2.91E-05	9.70E-09	2.91E-05	9.70E-09	2.91E-05	1.51E-07	4.54E-04
91203	Naphthalene	9.70E-08	2.91E-04		9.70E-08	2.91E-04	4.85E-08	1.46E-04	4.85E-08	1.46E-04	1.94E-08	5.82E-05	9.70E-09	2.91E-05	9.70E-09	2.91E-05	2.43E-08	7.28E-05	2.43E-08	7.28E-05	2.43E-08	7.28E-05	2.43E-08	7.28E-05	2.43E-08	7.28E-05	2.43E-08	7.28E-05	3.78E-07	1.13E-03
115071	Propylene	5.94E-06	1.78E-02		5.94E-06	1.78E-02	2.97E-06	8.90E-03	2.97E-06	8.90E-03	1.19E-06	3.56E-03	5.94E-07	1.78E-03	5.94E-07	1.78E-03	1.48E-06	4.45E-03	1.48E-06	4.45E-03	1.48E-06	4.45E-03	1.48E-06	4.45E-03	1.48E-06	4.45E-03	1.48E-06	4.45E-03	2.32E-05	6.95E-02
100425	Styrene	2.33E-07	6.98E-04		2.33E-07	6.98E-04	1.16E-07	3.49E-04	1.16E-07	3.49E-04	4.66E-08	1.40E-04	2.33E-08	6.98E-05	2.33E-08	6.98E-05	5.82E-08	1.75E-04	5.82E-08	1.75E-04	5.82E-08	1.75E-04	5.82E-08	1.75E-04	5.82E-08	1.75E-04	5.82E-08	1.75E-04	9.08E-07	2.72E-03
108883	Toluene	1.45E-05	4.34E-02		1.45E-05	4.34E-02	7.24E-06	2.17E-02	7.24E-06	2.17E-02	2.89E-06	8.68E-03	1.45E-06	4.34E-03	1.45E-06	4.34E-03	3.62E-06	1.09E-02	3.62E-06	1.09E-02	3.62E-06	1.09E-02	3.62E-06	1.09E-02	3.62E-06	1.09E-02	3.62E-06	1.09E-02	5.64E-05	1.69E-01
1330207	Xylenes	1.04E-05	3.13E-02		1.04E-05	3.13E-02	5.22E-06	1.57E-02	5.22E-06	1.57E-02	2.09E-06	6.26E-03	1.04E-06	3.13E-03	1.04E-06	3.13E-03	2.61E-06	7.83E-03	2.61E-06	7.83E-03	2.61E-06	7.83E-03	2.61E-06	7.83E-03	2.61E-06	7.83E-03	2.61E-06	7.83E-03	4.07E-05	1.22E-01
9901	Diesel	1.42E-04	4.26E-01		1.42E-04	4.37E-01	7.11E-05	2.32E-01	7.11E-05	2.31E-01	0.00E+00	0.00E+00	1.42E-05	4.26E-02	1.42E-05	4.26E-02	3.55E-05	2.85E-01	3.55E-05	2.89E-01	3.55E-05	2.97E-01	3.55E-05	3.01E-01	3.55E-05	1.77E-01	3.55E-05	1.76E-01	5.26E-04	2.51E+00

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: County
Region: San Bernardino
Calendar Year: 2025
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on total VMT.

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Total VI	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX	CO2_RUNEX	CH4_RUNEX	N2O_RUNEX	ROG_RUNEX	TOG_RUNEX	CO_RUNEX	SOx_RUNEX	NH3_RUNE	PM10_PMI	PM2.5_PM	Fuel Consu	Energy Consumption
San Bernardino	2025	HHDT	Aggregate	5	Diesel	20.97	20.97318283	0	11.01069728	0.011413092	0.011929142	2995.624175	0.005628821	0.471961809	0.121186982	0.137962154	1.102244544	0.02836677	0.218899	0.137758	0.048215	0.294976	0
San Bernardino	2025	HHDT	Aggregate	10	Diesel	366.5	366.4571978	0	8.132009011	0.01085569	0.011346536	2724.601481	0.00339172	0.429262073	0.073022797	0.083130896	0.686629086	0.025800347	0.214469	0.139276	0.048747	0.268289	0
San Bernardino	2025	HHDT	Aggregate	15	Diesel	879.5	879.4913245	0	5.32417374	0.008462787	0.008845437	2246.621531	0.001704248	0.353956137	0.036691997	0.041771046	0.383124406	0.021274162	0.214744	0.137344	0.04807	0.221223	0
San Bernardino	2025	LDA	Aggregate	5	Diesel	9.336	9.336401842	0	0.266154532	0.066236315	0.069231227	598.2539785	0.013240829	0.094255158	0.285067259	0.324530122	4.520801527	0.00566876	0.0031	0.006085	0.00213	0.058909	0
San Bernardino	2025	LDA	Aggregate	10	Diesel	59.68	59.68324992	0	0.224979473	0.041534295	0.043412292	493.6968196	0.009333869	0.077782135	0.200952706	0.228771296	3.348753093	0.004678028	0.0031	0.007512	0.002629	0.048614	0
San Bernardino	2025	LDA	Aggregate	15	Diesel	148.8	148.7876824	0	0.190715743	0.030744193	0.032134309	405.5413454	0.005055294	0.063893204	0.108837506	0.123904265	1.701440441	0.00384271	0.0031	0.00894	0.003129	0.039933	0
San Bernardino	2025	LDT1	Aggregate	5	Diesel	0.055	0.054682812	0	1.109936613	0.984041696	1.028535695	1050.872806	0.058196967	0.165565438	1.252946431	1.42639621	4.786676251	0.009957554	0.0031	0.009732	0.003406	0.103478	0
San Bernardino	2025	LDT1	Aggregate	10	Diesel	0.288	0.287569897	0	1.133848137	0.670833977	0.701166113	878.5898416	0.040136921	0.138422187	0.864124271	0.983748031	3.467107826	0.008325085	0.0031	0.012086	0.00423	0.086514	0
San Bernardino	2025	LDT1	Aggregate	15	Diesel	0.696	0.696018492	0	1.184440617	0.486961698	0.508979946	727.6542275	0.029130842	0.11464222	0.627169866	0.713991196	2.590226909	0.006894894	0.0031	0.014465	0.005063	0.071651	0
San Bernardino	2025	LDT2	Aggregate	5	Diesel	6.053	6.053106355	0	0.164162155	0.013183955	0.013780075	753.2737876	0.012263234	0.118678592	0.264020217	0.300569464	2.564151509	0.007137652	0.0031	0.008032	0.002811	0.074174	0
San Bernardino	2025	LDT2	Aggregate	10	Diesel	40.89	40.88704229	0	0.137183213	0.010786109	0.011273809	628.3959104	0.009101431	0.099004032	0.195948446	0.223074279	1.876960212	0.005954371	0.0031	0.009927	0.003475	0.061878	0
San Bernardino	2025	LDT2	Aggregate	15	Diesel	102.7	102.6680205	0	0.096790292	0.008930401	0.009334194	520.4453987	0.004488784	0.081996385	0.096640867	0.110019202	0.920660346	0.004931485	0.0031	0.011875	0.004156	0.051248	0
San Bernardino	2025	LHDT1	Aggregate	5	Diesel	9.897	9.897320557	0	2.450981305	0.100774666	0.10533125	1186.326868	0.021311187	0.186906281	0.458817303	0.522332995	1.478261011	0.01124105	0.159976	0.078	0.0273	0.116816	0
San Bernardino	2025	LHDT1	Aggregate	10	Diesel	149.8	149.7978216	0	2.072338441	0.075806829	0.079234478	1023.735899	0.01615587	0.161290008	0.347826367	0.395977194	1.08273373	0.009700418	0.166272	0.078	0.0273	0.100806	0
San Bernardino	2025	LHDT1	Aggregate	15	Diesel	403.6	403.5933153	0	1.875837631	0.061118123	0.063881613	862.6938495	0.013176727	0.135917767	0.283687174	0.322958987	0.850963809	0.008174463	0.167907	0.078	0.0273	0.084949	0
San Bernardino	2025	LHDT2	Aggregate	5	Diesel	4.367	4.366825682	0	2.162243903	0.087728498	0.091695191	1408.773579	0.018301164	0.221952851	0.394013276	0.448557919	1.25808276	0.013348846	0.174092	0.091	0.03185	0.138721	0
San Bernardino	2025	LHDT2	Aggregate	10	Diesel	65.21	65.21308707	0	1.832751558	0.06911815	0.072243366	1220.971663	0.014658475	0.192364583	0.315588339	0.359276343	0.965004137	0.011569327	0.177601	0.091	0.03185	0.120228	0
San Bernardino	2025	LHDT2	Aggregate	15	Diesel	175.1	175.0850316	0	1.630317651	0.056775995	0.059343153	1042.196634	0.012265962	0.164198504	0.264078946	0.300636323	0.771439893	0.009875343	0.178529	0.091	0.03185	0.102624	0
San Bernardino	2025	MHDT	Aggregate	5	Diesel	64.54	64.53948354	0	3.134052908	0.02727402	0.02850723	2392.661465	0.007404001	0.376964788	0.159406102	0.181471713	0.443725922	0.022657073	0.216031	0.061496	0.021524	0.235603	0
San Bernardino	2025	MHDT	Aggregate	10	Diesel	2323	2323.261743	0	2.357355604	0.021742287	0.022725377	1982.068279	0.004837185	0.312275665	0.104143271	0.118559186	0.30599931	0.018769001	0.216178	0.061496	0.021524	0.195172	0
San Bernardino	2025	MHDT	Aggregate	15	Diesel	2040	2039.999608	0	1.645483328	0.014330063	0.014978005	1558.117663	0.002427168	0.245482072	0.052256269	0.059489785	0.191268445	0.014754443	0.215871	0.061496	0.021524	0.153426	0

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: County
Region: San Bernardino
Calendar Year: 2025
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDI

Region	Calendar Ye	Vehicle Cat	Model Yea	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	NOx_RUNEX
San Bernardino	2025	HHDT	Aggregate	Aggregate	Gasoline	6.10201	351.907	351.907	0	122.089	8.762587725
San Bernardino	2025	HHDT	Aggregate	Aggregate	Diesel	27984.28	4517638	4517638	0	500255.7	1.563560017
San Bernardino	2025	LDA	Aggregate	Aggregate	Gasoline	764579.6	32810290	32810290	0	3545082	0.037621414
San Bernardino	2025	LDA	Aggregate	Aggregate	Diesel	1948.633	66018.22	66018.22	0	8282.737	0.194430851
San Bernardino	2025	LDT1	Aggregate	Aggregate	Gasoline	70144.44	2409959	2409959	0	302020.2	0.17465052
San Bernardino	2025	LDT1	Aggregate	Aggregate	Diesel	23.99481	327.7467	327.7467	0	67.11363	1.6568067
San Bernardino	2025	LDT2	Aggregate	Aggregate	Gasoline	337644.2	13929503	13929503	0	1577536	0.067410302
San Bernardino	2025	LDT2	Aggregate	Aggregate	Diesel	1014.177	44885.53	44885.53	0	4886.205	0.044723526
San Bernardino	2025	LHDT1	Aggregate	Aggregate	Gasoline	29713.02	1108491	1108491	0	442679.7	0.183316375
San Bernardino	2025	LHDT1	Aggregate	Aggregate	Diesel	22260.03	835207	835207	0	280003.2	1.851248948
San Bernardino	2025	LHDT2	Aggregate	Aggregate	Gasoline	4518.553	161855.8	161855.8	0	67319.71	0.151044962
San Bernardino	2025	LHDT2	Aggregate	Aggregate	Diesel	9589.89	365990.4	365990.4	0	120628.7	1.377233196
San Bernardino	2025	MHDT	Aggregate	Aggregate	Gasoline	2309.447	140687.6	140687.6	0	46207.41	0.370129307
San Bernardino	2025	MHDT	Aggregate	Aggregate	Diesel	18129.38	820207.1	820207.1	0	225383.2	0.724567632

LEX and DIURN. PHEV calculated based on total VMT.

NOx_IDLEX	NOx_STREX	PM2.5_RUNEX	PM2.5_IDLEX	PM2.5_STREX	PM2.5_PMTW	PM2.5_PMBW	PM10_RUNEX	PM10_IDLEX	PM10_STREX
0	0.879086643	0.002875767	0	0.00181935	0.005000001	0.029443859	0.003127659	0	0.001978709
87.01923932	2.621527302	0.029954389	0.035988323	0	0.008905679	0.025404007	0.031308794	0.037615556	0
0	0.237873124	0.001138436	0	0.001880597	0.002000001	0.002324903	0.001238154	0	0.002045321
0	0	0.015648494	0	0	0.002000001	0.002314269	0.016356049	0	0
0	0.455292225	0.001922243	0	0.003124419	0.002000001	0.002781681	0.002090614	0	0.003398091
0	0	0.237878575	0	0	0.002000001	0.003019458	0.248634389	0	0
0	0.318224101	0.001157878	0	0.001894384	0.002000001	0.002653578	0.001259298	0	0.002060315
0	0	0.004470899	0	0	0.002000001	0.002571306	0.004673053	0	0
0.036247658	0.630288253	0.001155872	0	0.000327575	0.002000001	0.027300008	0.001257116	0	0.000356267
2.054827744	0	0.02627883	0.026388699	0	0.003000001	0.027300008	0.027467042	0.027581879	0
0.036411386	0.642443164	0.000968301	0	0.000232489	0.002000001	0.031850009	0.001053116	0	0.000252853
2.001942076	0	0.023604289	0.026358247	0	0.003000001	0.031850009	0.02467157	0.027550049	0
0.087434632	0.41924863	0.000901864	0	0.000465821	0.003000001	0.014752806	0.00098086	0	0.000506623
11.44361457	1.618846425	0.00929129	0.016482004	0	0.003000001	0.014829785	0.009711401	0.017227247	0

PM10_PMTW	PM10_PMBW	CO2_RUNEX	CO2_IDLEX	CO2_STREX	CH4_RUNEX	CH4_IDLEX	CH4_STREX	N2O_RUNEX	N2O_IDLEX	N2O_STREX
0.020000006	0.084125312	2152.653422	0	53.25865624	0.247734988	0	0.000111709	0.229844371	0	0.019946058
0.035622715	0.072582878	1532.5047	16879.36873	0	0.000582151	0.344350443	0	0.24144674	2.659351417	0
0.008000002	0.006642579	278.0048521	0	68.33518749	0.002172506	0	0.066253017	0.004459939	0	0.032322822
0.008000002	0.006612196	238.6907811	0	0	0.001181309	0	0	0.03760583	0	0
0.008000002	0.00794766	335.4900715	0	88.82355347	0.008272051	0	0.124393436	0.012107647	0	0.041771162
0.008000002	0.008627022	426.1402395	0	0	0.014134753	0	0	0.067138568	0	0
0.008000002	0.007581652	338.8405716	0	84.8757533	0.002843874	0	0.078427922	0.005898908	0	0.036255914
0.008000002	0.007346588	304.0834119	0	0	0.000539392	0	0	0.047908465	0	0
0.008000002	0.078000022	614.3359421	119.1017843	25.61652073	0.005528399	0.114206329	0.033755052	0.010203673	0.002972143	0.050361202
0.012000003	0.078000022	490.0624096	132.981005	0	0.004884672	0.005098128	0	0.077209532	0.020951211	0
0.008000002	0.091000026	694.7124252	138.2510705	25.40423707	0.003242932	0.115286339	0.03276884	0.009468375	0.002954522	0.050389327
0.012000003	0.091000026	585.2648956	212.3244489	0	0.004209121	0.005098128	0	0.092208723	0.033451803	0
0.012000003	0.042150874	1619.088602	538.0984759	45.35511993	0.009437024	0.266024553	0.046499149	0.019525749	0.007588515	0.033361934
0.012000003	0.042370814	1077.771691	2144.688363	0	0.000594989	0.009704652	0	0.169803369	0.337896525	0

ROG_RUNEX	ROG_IDLEX	ROG_STREX	ROG_HOTSOAK	ROG_RUNLOSS	ROG_DIURN	TOG_RUNEX	TOG_IDLEX	TOG_STREX	TOG_HOTSOAK
1.533111686	0	0.000576152	0.131328471	1.165634428	10.60456778	2.237112973	0	0.000630814	0.131328471
0.012533552	7.413770599	0	0	0	0	0.014268494	8.440013481	0	0
0.007970396	0	0.2921882	0.089339802	0.230142901	1.566542089	0.011630383	0	0.3199093	0.089339802
0.025432893	0	0	0	0	0	0.028953658	0	0	0
0.037009547	0	0.659301523	0.227638163	0.673854579	4.041297937	0.054004243	0	0.72185218	0.227638163
0.304312921	0	0	0	0	0	0.346440028	0	0	0
0.011015431	0	0.358269076	0.085345019	0.23902316	1.622051254	0.016073691	0	0.392259543	0.085345019
0.011612791	0	0	0	0	0	0.01322039	0	0	0
0.027513	0.415185982	0.165972965	0.052437802	0.299336472	3.390405243	0.040146905	0.605838411	0.181719506	0.052437802
0.105164123	0.109759705	0	0	0	0	0.119722362	0.124954127	0	0
0.014891265	0.417594148	0.158717211	0.046822047	0.257066815	3.069387358	0.021729299	0.609352401	0.173775369	0.046822047
0.090619901	0.109759705	0	0	0	0	0.103164732	0.124954127	0	0
0.045076696	1.003878251	0.246485717	0.033480069	0.267974081	3.111532707	0.065775808	1.464856788	0.269870835	0.033480069
0.012809954	0.208938505	0	0	0	0	0.014583158	0.237860584	0	0

TOG_RUNLOSS	TOG_DIURN	NH3_RUNEX	CO_RUNEX	CO_IDLEX	CO_STREX	SOx_RUNEX	SOx_IDLEX	SOx_STREX
1.165634428	10.60456778	0.041816691	89.62424877	0	3.417017495	0.021281171	0	0.000526516
0	0	0.218059601	0.048575378	108.8967271	0	0.014511903	0.159837528	0
0.230142901	1.566542089	0.035418347	0.714748501	0	2.889902272	0.002748361	0	0.000675563
0	0	0.0031	0.318167876	0	0	0.002261716	0	0
0.673854579	4.041297937	0.038160241	1.811249143	0	6.289480954	0.003316661	0	0.000878111
0	0	0.0031	1.961771601	0	0	0.004037895	0	0
0.23902316	1.622051254	0.037297826	0.841475786	0	3.422961424	0.003349784	0	0.000839083
0	0	0.0031	0.112278171	0	0	0.002881345	0	0
0.299336472	3.390405243	0.044911572	1.212024947	3.752482521	3.065944087	0.006073336	0.001177442	0.000253245
0	0	0.163202958	0.357244521	0.909745076	0	0.00464359	0.001260063	0
0.257066815	3.069387358	0.044978555	0.826873867	3.76545868	2.94580532	0.00686794	0.001366753	0.000251147
0	0	0.175878837	0.261862283	0.909745076	0	0.005545682	0.002011882	0
0.267974081	3.111532707	0.044988613	1.110814714	14.36961656	5.223690602	0.016006339	0.005319651	0.000448382
0	0	0.215144828	0.056241562	7.303279757	0	0.010205853	0.020308916	0

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** Lakes Environmental AERMOD MPI
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**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 7/29/2024
** File: D:\LSA\2024\20241780 Rialto & Linden\Construction\Construction.ADI
**
**************************************
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**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE D:\LSA\2024\20241780 Rialto & Linden\Construction\Construction.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2035210
   POLLUTID OTHER
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION CONST        AREAPOLY   463005.370  3773239.183      383.000
** Source Parameters **
   SRCPARAM CONST        0.0001590544     3.048         4
   AREAVERT CONST        463005.370 3773239.183 463005.106 3773154.026
   AREAVERT CONST        462931.326 3773154.553 462930.992 3773239.137
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Const"
** WeekDays:
   EMISFACT CONST        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONST        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT CONST        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT CONST        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT CONST        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONST        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONST        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONST        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
```

```
   EMISFACT CONST        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONST        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONST        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONST        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP CONST    CONST
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Construction.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
   PROFFILE ..\FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 CONST 1ST Construction.AD\01H1G001.PLT 31
   PLOTFILE PERIOD CONST Construction.AD\PE00G001.PLT 32
   SUMMFILE Construction.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
```

```
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186      83       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187      83       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

**********************************
*** SETUP Finishes Successfully ***
**********************************
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- -

** Model Options Selected:
* Model Uses Regulatory DEFAULT Options
* Model Is Setup For Calculation of Average CONCentration Values.
* NO GAS DEPOSITION Data Provided.
* NO PARTICLE DEPOSITION Data Provided.
* Model Uses NO DRY DEPLETION. DDPLETE = F
* Model Uses NO WET DEPLETION. WETDPLT = F
* Stack-tip Downwash.
* Model Accounts for ELEVated Terrain Effects.
* Use Calms Processing Routine.
* Use Missing Data Processing Routine.
* No Exponential Decay.
* Model Uses URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* ADJ_U* - Use ADJ_U* option for SBL in AERMET
* TEMP_Sub - Meteorological data includes TEMP substitutions
* Model Assumes No FLAGPOLE Receptor Heights.
* The User Specified a Pollutant Type of: OTHER

**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages

**This Run Includes: 1 Source(s); 1 Source Group(s); and 443 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 1 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

```
**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   367.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      3.6 MB of RAM.

**Input Runstream File:          aermod.inp
**Output Print File:             aermod.out

**File for Summary of Results:   Construction.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
CONST	0	0.15905E-03	463005.4	3773239.2	383.0	3.05	4	0.00	YES	HRDOW	NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
CONST	CONST ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2035210.	CONST ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = CONST ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1			

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC Met Version: 16216
Profile file: ..\FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3102 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2011 Year: 2011

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
11	01	01	1	01	-18.5	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	69.	9.1	276.4	5.5
11	01	01	1	02	-23.8	0.239	-9.000	-9.000	-999.	281.	63.0	0.25	2.82	1.00	2.20	52.	9.1	275.4	5.5
11	01	01	1	03	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	32.	9.1	275.4	5.5
11	01	01	1	04	-1.4	0.067	-9.000	-9.000	-999.	57.	18.3	0.25	2.82	1.00	0.40	27.	9.1	274.2	5.5
11	01	01	1	05	-18.6	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	51.	9.1	274.2	5.5
11	01	01	1	06	-29.7	0.296	-9.000	-9.000	-999.	387.	96.6	0.25	2.82	1.00	2.70	53.	9.1	274.2	5.5
11	01	01	1	07	-24.0	0.239	-9.000	-9.000	-999.	282.	63.0	0.25	2.82	1.00	2.20	70.	9.1	274.2	5.5
11	01	01	1	08	-8.4	0.138	-9.000	-9.000	-999.	127.	27.3	0.25	2.82	0.54	1.30	72.	9.1	275.4	5.5
11	01	01	1	09	44.3	0.280	0.571	0.005	147.	356.	-43.5	0.25	2.82	0.32	2.20	67.	9.1	277.5	5.5
11	01	01	1	10	122.7	0.264	0.952	0.005	247.	326.	-13.2	0.25	2.82	0.25	1.80	83.	9.1	279.9	5.5
11	01	01	1	11	179.8	0.316	1.733	0.005	1017.	426.	-15.4	0.25	2.82	0.22	2.20	58.	9.1	282.0	5.5
11	01	01	1	12	206.0	0.320	1.940	0.008	1244.	435.	-14.0	0.25	2.82	0.21	2.20	115.	9.1	283.1	5.5
11	01	01	1	13	132.6	0.214	1.733	0.009	1377.	243.	-6.5	0.25	2.82	0.21	1.30	147.	9.1	284.2	5.5
11	01	01	1	14	147.0	0.216	1.818	0.009	1431.	242.	-6.0	0.25	2.82	0.23	1.30	219.	9.1	284.9	5.5
11	01	01	1	15	104.0	0.208	1.633	0.009	1468.	228.	-7.6	0.25	2.82	0.26	1.30	126.	9.1	285.4	5.5
11	01	01	1	16	26.4	0.140	1.037	0.009	1477.	127.	-9.1	0.25	2.82	0.35	0.90	151.	9.1	284.9	5.5
11	01	01	1	17	-9.0	0.137	-9.000	-9.000	-999.	121.	24.9	0.25	2.82	0.63	1.30	69.	9.1	283.1	5.5
11	01	01	1	18	-33.4	0.342	-9.000	-9.000	-999.	481.	129.0	0.25	2.82	1.00	3.10	81.	9.1	281.4	5.5
11	01	01	1	19	-33.6	0.342	-9.000	-9.000	-999.	481.	128.9	0.25	2.82	1.00	3.10	51.	9.1	279.9	5.5
11	01	01	1	20	-23.6	0.239	-9.000	-9.000	-999.	287.	63.1	0.25	2.82	1.00	2.20	77.	9.1	278.8	5.5
11	01	01	1	21	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	53.	9.1	277.5	5.5
11	01	01	1	22	-23.7	0.239	-9.000	-9.000	-999.	281.	63.0	0.25	2.82	1.00	2.20	58.	9.1	277.5	5.5
11	01	01	1	23	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	64.	9.1	277.5	5.5
11	01	01	1	24	-4.5	0.094	-9.000	-9.000	-999.	74.	16.3	0.25	2.82	1.00	0.90	52.	9.1	277.0	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
11	01	01	01	5.5	0	-999.	-99.00	276.5	99.0	-99.00	-99.00
11	01	01	01	9.1	1	69.	1.80	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 7 Warning Message(s)
A Total of 838 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 40 Calm Hours Identified

A Total of 798 Missing Hours Identified (1.82 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********

ME W186	83	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	83	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	
MX W438	8800	METQA: Convective Velocity Data Out-of-Range. KURDAT =	12010216
MX W438	11536	METQA: Convective Velocity Data Out-of-Range. KURDAT =	12042516
MX W420	16779	METQA: Wind Speed Out-of-Range. KURDAT =	12113003
MX W450	26305	CHKDAT: Record Out of Sequence in Meteorological File at:	15010101
MX W450	26305	CHKDAT: Record Out of Sequence in Meteorological File at:	1 year gap

****
*** AERMOD Finishes Successfully ***
****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 7/30/2024
** File: D:\LSA\2024\20241780 Rialto-Linden\Operational\Operational.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE D:\LSA\2024\20241780 Rialto & Linden\Operational\Operational.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2035210
   POLLUTID OTHER
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = IN_OUT
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 3.05
** SZINIT = 1.42
** Nodes = 2
** 462984.478, 3773157.718, 381.07, 0.00, 2.84
** 463012.634, 3773157.553, 381.00, 0.00, 2.84
** ------------------------------------------------------------------
   LOCATION L0000001     VOLUME   462986.002 3773157.709 381.38
   LOCATION L0000002     VOLUME   462992.098 3773157.673 381.38
   LOCATION L0000003     VOLUME   462998.194 3773157.638 381.38
   LOCATION L0000004     VOLUME   463004.290 3773157.602 381.38
   LOCATION L0000005     VOLUME   463010.386 3773157.566 381.37
** End of LINE VOLUME Source ID = IN_OUT
** ------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = IN_LIND
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
```

```
** Emission Rate = 1.0
** Vertical Dimension = 3.05
** SZINIT = 1.42
** Nodes = 2
** 463015.598, 3773252.231, 383.00, 0.00, 2.84
** 463014.610, 3773157.224, 381.00, 0.00, 2.84
** ------------------------------------------------------------------
   LOCATION L0000006     VOLUME   463015.582 3773250.707 383.00
   LOCATION L0000007     VOLUME   463015.519 3773244.611 383.00
   LOCATION L0000008     VOLUME   463015.456 3773238.515 383.00
   LOCATION L0000009     VOLUME   463015.392 3773232.420 382.87
   LOCATION L0000010     VOLUME   463015.329 3773226.324 382.67
   LOCATION L0000011     VOLUME   463015.266 3773220.228 382.46
   LOCATION L0000012     VOLUME   463015.202 3773214.133 382.26
   LOCATION L0000013     VOLUME   463015.139 3773208.037 382.06
   LOCATION L0000014     VOLUME   463015.075 3773201.941 382.00
   LOCATION L0000015     VOLUME   463015.012 3773195.846 382.00
   LOCATION L0000016     VOLUME   463014.949 3773189.750 382.00
   LOCATION L0000017     VOLUME   463014.885 3773183.654 382.00
   LOCATION L0000018     VOLUME   463014.822 3773177.559 382.00
   LOCATION L0000019     VOLUME   463014.758 3773171.463 381.84
   LOCATION L0000020     VOLUME   463014.695 3773165.367 381.63
   LOCATION L0000021     VOLUME   463014.632 3773159.272 381.43
** End of LINE VOLUME Source ID = IN_LIND
** ------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = OUT_LIN
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 3.05
** SZINIT = 1.42
** Nodes = 2
** 463020.703, 3773158.870, 381.00, 0.00, 2.84
** 463021.361, 3773252.066, 383.00, 0.00, 2.84
** ------------------------------------------------------------------
   LOCATION L0000022     VOLUME   463020.713 3773160.394 381.47
   LOCATION L0000023     VOLUME   463020.756 3773166.490 381.67
   LOCATION L0000024     VOLUME   463020.800 3773172.586 381.88
   LOCATION L0000025     VOLUME   463020.843 3773178.682 382.00
   LOCATION L0000026     VOLUME   463020.886 3773184.778 382.00
   LOCATION L0000027     VOLUME   463020.929 3773190.874 382.00
   LOCATION L0000028     VOLUME   463020.972 3773196.969 382.00
   LOCATION L0000029     VOLUME   463021.015 3773203.065 382.00
   LOCATION L0000030     VOLUME   463021.058 3773209.161 382.09
   LOCATION L0000031     VOLUME   463021.101 3773215.257 382.30
   LOCATION L0000032     VOLUME   463021.144 3773221.353 382.50
   LOCATION L0000033     VOLUME   463021.187 3773227.449 382.70
   LOCATION L0000034     VOLUME   463021.230 3773233.544 382.91
   LOCATION L0000035     VOLUME   463021.273 3773239.640 383.00
   LOCATION L0000036     VOLUME   463021.317 3773245.736 383.00
   LOCATION L0000037     VOLUME   463021.360 3773251.832 383.00
** End of LINE VOLUME Source ID = OUT_LIN
** ------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = IN1
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
```

```
** Emission Rate = 1.0
** Vertical Dimension = 3.05
** SZINIT = 1.42
** Nodes = 7
** 463410.711, 3773276.421, 382.21, 0.00, 2.84
** 463412.941, 3773280.436, 382.50, 0.00, 2.84
** 463414.405, 3773498.743, 385.78, 0.00, 2.84
** 463415.260, 3773679.913, 388.83, 0.00, 2.84
** 463418.678, 3773873.046, 391.00, 0.00, 2.84
** 463416.114, 3774023.451, 393.93, 0.00, 2.84
** 463415.260, 3774252.476, 397.00, 0.00, 2.84
** ----------------------------------------------------------------------
   LOCATION L0000038     VOLUME   463411.451 3773277.753 382.55
   LOCATION L0000039     VOLUME   463412.961 3773283.463 382.67
   LOCATION L0000040     VOLUME   463413.002 3773289.559 382.82
   LOCATION L0000041     VOLUME   463413.043 3773295.654 382.98
   LOCATION L0000042     VOLUME   463413.084 3773301.750 383.04
   LOCATION L0000043     VOLUME   463413.125 3773307.846 383.08
   LOCATION L0000044     VOLUME   463413.166 3773313.942 383.13
   LOCATION L0000045     VOLUME   463413.207 3773320.038 383.17
   LOCATION L0000046     VOLUME   463413.247 3773326.134 383.21
   LOCATION L0000047     VOLUME   463413.288 3773332.230 383.37
   LOCATION L0000048     VOLUME   463413.329 3773338.325 383.53
   LOCATION L0000049     VOLUME   463413.370 3773344.421 383.69
   LOCATION L0000050     VOLUME   463413.411 3773350.517 383.85
   LOCATION L0000051     VOLUME   463413.452 3773356.613 384.00
   LOCATION L0000052     VOLUME   463413.493 3773362.709 384.00
   LOCATION L0000053     VOLUME   463413.534 3773368.805 384.00
   LOCATION L0000054     VOLUME   463413.575 3773374.901 384.00
   LOCATION L0000055     VOLUME   463413.615 3773380.997 384.00
   LOCATION L0000056     VOLUME   463413.656 3773387.092 384.03
   LOCATION L0000057     VOLUME   463413.697 3773393.188 384.23
   LOCATION L0000058     VOLUME   463413.738 3773399.284 384.43
   LOCATION L0000059     VOLUME   463413.779 3773405.380 384.63
   LOCATION L0000060     VOLUME   463413.820 3773411.476 384.84
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LOCATION L0000147 VOLUME 463417.506 3773941.784 392.52
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** End of LINE VOLUME Source ID = IN1
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** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = OUT1
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 3.05
** SZINIT = 1.42
** Nodes = 6
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** End of LINE VOLUME Source ID = OUT1
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** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = OUT2
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 3.05
** SZINIT = 1.42
** Nodes = 3
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** DESCRSRC
** PREFIX
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** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 3.05
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   LOCATION L0000662     VOLUME   463425.028 3773027.684 378.83
   LOCATION L0000663     VOLUME   463425.028 3773033.780 378.87
   LOCATION L0000664     VOLUME   463425.028 3773039.876 378.90
   LOCATION L0000665     VOLUME   463425.028 3773045.972 378.94
   LOCATION L0000666     VOLUME   463425.028 3773052.068 378.97
   LOCATION L0000667     VOLUME   463425.028 3773058.164 379.00
   LOCATION L0000668     VOLUME   463425.028 3773064.260 379.00
   LOCATION L0000669     VOLUME   463425.028 3773070.356 379.00
   LOCATION L0000670     VOLUME   463425.028 3773076.452 379.00
   LOCATION L0000671     VOLUME   463425.028 3773082.548 379.00
   LOCATION L0000672     VOLUME   463425.028 3773088.644 379.08
   LOCATION L0000673     VOLUME   463425.028 3773094.740 379.28
   LOCATION L0000674     VOLUME   463425.021 3773100.835 379.48
   LOCATION L0000675     VOLUME   463424.904 3773106.930 379.69
   LOCATION L0000676     VOLUME   463424.786 3773113.025 379.89
   LOCATION L0000677     VOLUME   463424.669 3773119.120 380.00
   LOCATION L0000678     VOLUME   463424.552 3773125.215 380.00
   LOCATION L0000679     VOLUME   463424.435 3773131.310 380.00
   LOCATION L0000680     VOLUME   463424.318 3773137.405 380.00
   LOCATION L0000681     VOLUME   463424.200 3773143.500 380.00
   LOCATION L0000682     VOLUME   463424.083 3773149.594 380.11
   LOCATION L0000683     VOLUME   463423.966 3773155.689 380.31
   LOCATION L0000684     VOLUME   463423.849 3773161.784 380.52
   LOCATION L0000685     VOLUME   463423.332 3773167.846 380.72
   LOCATION L0000686     VOLUME   463422.445 3773173.877 380.92
   LOCATION L0000687     VOLUME   463421.558 3773179.908 381.00
   LOCATION L0000688     VOLUME   463420.700 3773185.942 381.00
   LOCATION L0000689     VOLUME   463420.580 3773192.037 381.00
   LOCATION L0000690     VOLUME   463420.461 3773198.131 381.00
   LOCATION L0000691     VOLUME   463420.341 3773204.226 381.00
   LOCATION L0000692     VOLUME   463420.222 3773210.321 381.13
   LOCATION L0000693     VOLUME   463420.102 3773216.416 381.34
   LOCATION L0000694     VOLUME   463419.983 3773222.511 381.54
   LOCATION L0000695     VOLUME   463419.863 3773228.606 381.74
   LOCATION L0000696     VOLUME   463419.744 3773234.700 381.95
   LOCATION L0000697     VOLUME   463419.624 3773240.795 382.00
   LOCATION L0000698     VOLUME   463419.505 3773246.890 382.00
   LOCATION L0000699     VOLUME   463416.194 3773251.458 382.06
   LOCATION L0000700     VOLUME   463411.523 3773255.375 382.17
   LOCATION L0000701     VOLUME   463406.852 3773259.293 382.33
   LOCATION L0000702     VOLUME   463402.181 3773263.210 382.52
** End of LINE VOLUME Source ID = IN2
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = IN3
** DESCRSRC
** PREFIX
** Length of Side = 3.05
```

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** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 3.05
** SZINIT = 1.42
** Nodes = 5
** 463400.258, 3773265.390, 382.73, 0.00, 2.84
** 463090.833, 3773262.919, 383.00, 0.00, 2.84
** 463029.071, 3773261.066, 383.00, 0.00, 2.84
** 463017.954, 3773259.213, 383.00, 0.00, 2.84
** 463015.484, 3773255.508, 383.00, 0.00, 2.84
** ----------------------------------------------------------------------
   LOCATION L0000708     VOLUME   463398.734 3773265.377 382.68
   LOCATION L0000709     VOLUME   463392.638 3773265.329 382.87
   LOCATION L0000710     VOLUME   463386.542 3773265.280 382.96
   LOCATION L0000711     VOLUME   463380.446 3773265.231 382.96
   LOCATION L0000712     VOLUME   463374.350 3773265.183 382.96
   LOCATION L0000713     VOLUME   463368.255 3773265.134 382.96
   LOCATION L0000714     VOLUME   463362.159 3773265.085 382.96
   LOCATION L0000715     VOLUME   463356.063 3773265.037 382.96
   LOCATION L0000716     VOLUME   463349.967 3773264.988 382.96
   LOCATION L0000717     VOLUME   463343.871 3773264.939 382.95
   LOCATION L0000718     VOLUME   463337.776 3773264.891 382.95
   LOCATION L0000719     VOLUME   463331.680 3773264.842 382.95
   LOCATION L0000720     VOLUME   463325.584 3773264.793 382.95
   LOCATION L0000721     VOLUME   463319.488 3773264.745 382.95
   LOCATION L0000722     VOLUME   463313.392 3773264.696 382.95
   LOCATION L0000723     VOLUME   463307.297 3773264.647 382.94
   LOCATION L0000724     VOLUME   463301.201 3773264.599 382.94
   LOCATION L0000725     VOLUME   463295.105 3773264.550 382.94
   LOCATION L0000726     VOLUME   463289.009 3773264.501 382.94
   LOCATION L0000727     VOLUME   463282.913 3773264.453 382.94
   LOCATION L0000728     VOLUME   463276.818 3773264.404 382.94
   LOCATION L0000729     VOLUME   463270.722 3773264.355 382.93
   LOCATION L0000730     VOLUME   463264.626 3773264.307 382.94
   LOCATION L0000731     VOLUME   463258.530 3773264.258 382.96
   LOCATION L0000732     VOLUME   463252.434 3773264.209 382.97
   LOCATION L0000733     VOLUME   463246.339 3773264.161 382.98
   LOCATION L0000734     VOLUME   463240.243 3773264.112 383.00
   LOCATION L0000735     VOLUME   463234.147 3773264.063 383.00
   LOCATION L0000736     VOLUME   463228.051 3773264.015 383.00
   LOCATION L0000737     VOLUME   463221.955 3773263.966 383.00
   LOCATION L0000738     VOLUME   463215.860 3773263.917 383.00
   LOCATION L0000739     VOLUME   463209.764 3773263.869 383.00
   LOCATION L0000740     VOLUME   463203.668 3773263.820 383.00
   LOCATION L0000741     VOLUME   463197.572 3773263.771 383.00
   LOCATION L0000742     VOLUME   463191.476 3773263.723 383.00
   LOCATION L0000743     VOLUME   463185.380 3773263.674 383.00
   LOCATION L0000744     VOLUME   463179.285 3773263.625 383.00
   LOCATION L0000745     VOLUME   463173.189 3773263.577 382.98
   LOCATION L0000746     VOLUME   463167.093 3773263.528 382.96
   LOCATION L0000747     VOLUME   463160.997 3773263.479 382.94
   LOCATION L0000748     VOLUME   463154.901 3773263.431 382.92
   LOCATION L0000749     VOLUME   463148.806 3773263.382 382.90
   LOCATION L0000750     VOLUME   463142.710 3773263.333 382.92
   LOCATION L0000751     VOLUME   463136.614 3773263.285 382.94
   LOCATION L0000752     VOLUME   463130.518 3773263.236 382.96
   LOCATION L0000753     VOLUME   463124.422 3773263.187 382.98
   LOCATION L0000754     VOLUME   463118.327 3773263.139 383.00
   LOCATION L0000755     VOLUME   463112.231 3773263.090 383.00
   LOCATION L0000756     VOLUME   463106.135 3773263.041 383.00
   LOCATION L0000757     VOLUME   463100.039 3773262.993 383.00
   LOCATION L0000758     VOLUME   463093.943 3773262.944 383.00
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   LOCATION L0000759     VOLUME   463087.849 3773262.830 383.00
   LOCATION L0000760     VOLUME   463081.756 3773262.647 383.00
   LOCATION L0000761     VOLUME   463075.662 3773262.464 383.00
   LOCATION L0000762     VOLUME   463069.569 3773262.281 383.00
   LOCATION L0000763     VOLUME   463063.476 3773262.098 383.00
   LOCATION L0000764     VOLUME   463057.383 3773261.916 383.00
   LOCATION L0000765     VOLUME   463051.289 3773261.733 383.00
   LOCATION L0000766     VOLUME   463045.196 3773261.550 383.00
   LOCATION L0000767     VOLUME   463039.103 3773261.367 383.00
   LOCATION L0000768     VOLUME   463033.010 3773261.184 383.00
   LOCATION L0000769     VOLUME   463026.945 3773260.712 383.00
   LOCATION L0000770     VOLUME   463020.932 3773259.710 383.00
   LOCATION L0000771     VOLUME   463016.247 3773256.653 383.00
** End of LINE VOLUME Source ID = IN3
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = OUT3
** DESCRSRC
** PREFIX
** Length of Side = 3.05
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 3.05
** SZINIT = 1.42
** Nodes = 3
** 463024.490, 3773253.707, 383.00, 0.00, 2.84
** 463208.282, 3773254.872, 383.00, 0.00, 2.84
** 463401.877, 3773255.482, 382.48, 0.00, 2.84
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   LOCATION L0000772     VOLUME   463026.014 3773253.716 383.00
   LOCATION L0000773     VOLUME   463032.110 3773253.755 383.00
   LOCATION L0000774     VOLUME   463038.206 3773253.794 383.00
   LOCATION L0000775     VOLUME   463044.302 3773253.832 383.00
   LOCATION L0000776     VOLUME   463050.398 3773253.871 383.00
   LOCATION L0000777     VOLUME   463056.494 3773253.910 383.00
   LOCATION L0000778     VOLUME   463062.590 3773253.948 383.00
   LOCATION L0000779     VOLUME   463068.685 3773253.987 383.00
   LOCATION L0000780     VOLUME   463074.781 3773254.025 383.00
   LOCATION L0000781     VOLUME   463080.877 3773254.064 383.00
   LOCATION L0000782     VOLUME   463086.973 3773254.103 383.00
   LOCATION L0000783     VOLUME   463093.069 3773254.141 383.00
   LOCATION L0000784     VOLUME   463099.165 3773254.180 383.00
   LOCATION L0000785     VOLUME   463105.261 3773254.219 383.00
   LOCATION L0000786     VOLUME   463111.357 3773254.257 383.00
   LOCATION L0000787     VOLUME   463117.452 3773254.296 383.00
   LOCATION L0000788     VOLUME   463123.548 3773254.335 382.95
   LOCATION L0000789     VOLUME   463129.644 3773254.373 382.87
   LOCATION L0000790     VOLUME   463135.740 3773254.412 382.79
   LOCATION L0000791     VOLUME   463141.836 3773254.450 382.71
   LOCATION L0000792     VOLUME   463147.932 3773254.489 382.63
   LOCATION L0000793     VOLUME   463154.028 3773254.528 382.66
   LOCATION L0000794     VOLUME   463160.124 3773254.566 382.74
   LOCATION L0000795     VOLUME   463166.220 3773254.605 382.82
   LOCATION L0000796     VOLUME   463172.315 3773254.644 382.90
   LOCATION L0000797     VOLUME   463178.411 3773254.682 382.98
   LOCATION L0000798     VOLUME   463184.507 3773254.721 383.00
   LOCATION L0000799     VOLUME   463190.603 3773254.759 383.00
   LOCATION L0000800     VOLUME   463196.699 3773254.798 383.00
   LOCATION L0000801     VOLUME   463202.795 3773254.837 383.00
   LOCATION L0000802     VOLUME   463208.891 3773254.873 383.00
   LOCATION L0000803     VOLUME   463214.987 3773254.893 383.00
   LOCATION L0000804     VOLUME   463221.083 3773254.912 383.00
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   LOCATION L0000805     VOLUME   463227.179 3773254.931 383.00
   LOCATION L0000806     VOLUME   463233.275 3773254.950 383.00
   LOCATION L0000807     VOLUME   463239.371 3773254.970 383.00
   LOCATION L0000808     VOLUME   463245.466 3773254.989 382.93
   LOCATION L0000809     VOLUME   463251.562 3773255.008 382.85
   LOCATION L0000810     VOLUME   463257.658 3773255.027 382.77
   LOCATION L0000811     VOLUME   463263.754 3773255.046 382.70
   LOCATION L0000812     VOLUME   463269.850 3773255.066 382.62
   LOCATION L0000813     VOLUME   463275.946 3773255.085 382.63
   LOCATION L0000814     VOLUME   463282.042 3773255.104 382.63
   LOCATION L0000815     VOLUME   463288.138 3773255.123 382.63
   LOCATION L0000816     VOLUME   463294.234 3773255.143 382.63
   LOCATION L0000817     VOLUME   463300.330 3773255.162 382.63
   LOCATION L0000818     VOLUME   463306.426 3773255.181 382.63
   LOCATION L0000819     VOLUME   463312.522 3773255.200 382.63
   LOCATION L0000820     VOLUME   463318.618 3773255.220 382.63
   LOCATION L0000821     VOLUME   463324.714 3773255.239 382.63
   LOCATION L0000822     VOLUME   463330.810 3773255.258 382.63
   LOCATION L0000823     VOLUME   463336.906 3773255.277 382.63
   LOCATION L0000824     VOLUME   463343.002 3773255.296 382.63
   LOCATION L0000825     VOLUME   463349.098 3773255.316 382.63
   LOCATION L0000826     VOLUME   463355.194 3773255.335 382.63
   LOCATION L0000827     VOLUME   463361.290 3773255.354 382.63
   LOCATION L0000828     VOLUME   463367.386 3773255.373 382.63
   LOCATION L0000829     VOLUME   463373.482 3773255.393 382.64
   LOCATION L0000830     VOLUME   463379.578 3773255.412 382.64
   LOCATION L0000831     VOLUME   463385.674 3773255.431 382.64
   LOCATION L0000832     VOLUME   463391.770 3773255.450 382.59
   LOCATION L0000833     VOLUME   463397.866 3773255.469 382.46
** End of LINE VOLUME Source ID = OUT3
   LOCATION STCK1        POINT      462990.300  3773171.070      381.820
   LOCATION STCK2        POINT      462994.955  3773171.073      381.820
   LOCATION STCK3        POINT      462998.915  3773171.306      381.830
** Source Parameters **
** LINE VOLUME Source ID = IN_OUT
   SRCPARAM L0000001          0.2      0.00      2.84      1.42
   SRCPARAM L0000002          0.2      0.00      2.84      1.42
   SRCPARAM L0000003          0.2      0.00      2.84      1.42
   SRCPARAM L0000004          0.2      0.00      2.84      1.42
   SRCPARAM L0000005          0.2      0.00      2.84      1.42
** ------------------------------------------------------------------
** LINE VOLUME Source ID = IN_LIND
   SRCPARAM L0000006       0.0625      0.00      2.84      1.42
   SRCPARAM L0000007       0.0625      0.00      2.84      1.42
   SRCPARAM L0000008       0.0625      0.00      2.84      1.42
   SRCPARAM L0000009       0.0625      0.00      2.84      1.42
   SRCPARAM L0000010       0.0625      0.00      2.84      1.42
   SRCPARAM L0000011       0.0625      0.00      2.84      1.42
   SRCPARAM L0000012       0.0625      0.00      2.84      1.42
   SRCPARAM L0000013       0.0625      0.00      2.84      1.42
   SRCPARAM L0000014       0.0625      0.00      2.84      1.42
   SRCPARAM L0000015       0.0625      0.00      2.84      1.42
   SRCPARAM L0000016       0.0625      0.00      2.84      1.42
   SRCPARAM L0000017       0.0625      0.00      2.84      1.42
   SRCPARAM L0000018       0.0625      0.00      2.84      1.42
   SRCPARAM L0000019       0.0625      0.00      2.84      1.42
   SRCPARAM L0000020       0.0625      0.00      2.84      1.42
   SRCPARAM L0000021       0.0625      0.00      2.84      1.42
** ------------------------------------------------------------------
** LINE VOLUME Source ID = OUT_LIN
   SRCPARAM L0000022       0.0625      0.00      2.84      1.42
   SRCPARAM L0000023       0.0625      0.00      2.84      1.42
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   SRCPARAM L0000024        0.0625      0.00      2.84      1.42
   SRCPARAM L0000025        0.0625      0.00      2.84      1.42
   SRCPARAM L0000026        0.0625      0.00      2.84      1.42
   SRCPARAM L0000027        0.0625      0.00      2.84      1.42
   SRCPARAM L0000028        0.0625      0.00      2.84      1.42
   SRCPARAM L0000029        0.0625      0.00      2.84      1.42
   SRCPARAM L0000030        0.0625      0.00      2.84      1.42
   SRCPARAM L0000031        0.0625      0.00      2.84      1.42
   SRCPARAM L0000032        0.0625      0.00      2.84      1.42
   SRCPARAM L0000033        0.0625      0.00      2.84      1.42
   SRCPARAM L0000034        0.0625      0.00      2.84      1.42
   SRCPARAM L0000035        0.0625      0.00      2.84      1.42
   SRCPARAM L0000036        0.0625      0.00      2.84      1.42
   SRCPARAM L0000037        0.0625      0.00      2.84      1.42
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** LINE VOLUME Source ID = IN1
   SRCPARAM L0000038       0.00625      0.00      2.84      1.42
   SRCPARAM L0000039       0.00625      0.00      2.84      1.42
   SRCPARAM L0000040       0.00625      0.00      2.84      1.42
   SRCPARAM L0000041       0.00625      0.00      2.84      1.42
   SRCPARAM L0000042       0.00625      0.00      2.84      1.42
   SRCPARAM L0000043       0.00625      0.00      2.84      1.42
   SRCPARAM L0000044       0.00625      0.00      2.84      1.42
   SRCPARAM L0000045       0.00625      0.00      2.84      1.42
   SRCPARAM L0000046       0.00625      0.00      2.84      1.42
   SRCPARAM L0000047       0.00625      0.00      2.84      1.42
   SRCPARAM L0000048       0.00625      0.00      2.84      1.42
   SRCPARAM L0000049       0.00625      0.00      2.84      1.42
   SRCPARAM L0000050       0.00625      0.00      2.84      1.42
   SRCPARAM L0000051       0.00625      0.00      2.84      1.42
   SRCPARAM L0000052       0.00625      0.00      2.84      1.42
   SRCPARAM L0000053       0.00625      0.00      2.84      1.42
   SRCPARAM L0000054       0.00625      0.00      2.84      1.42
   SRCPARAM L0000055       0.00625      0.00      2.84      1.42
   SRCPARAM L0000056       0.00625      0.00      2.84      1.42
   SRCPARAM L0000057       0.00625      0.00      2.84      1.42
   SRCPARAM L0000058       0.00625      0.00      2.84      1.42
   SRCPARAM L0000059       0.00625      0.00      2.84      1.42
   SRCPARAM L0000060       0.00625      0.00      2.84      1.42
   SRCPARAM L0000061       0.00625      0.00      2.84      1.42
   SRCPARAM L0000062       0.00625      0.00      2.84      1.42
   SRCPARAM L0000063       0.00625      0.00      2.84      1.42
   SRCPARAM L0000064       0.00625      0.00      2.84      1.42
   SRCPARAM L0000065       0.00625      0.00      2.84      1.42
   SRCPARAM L0000066       0.00625      0.00      2.84      1.42
   SRCPARAM L0000067       0.00625      0.00      2.84      1.42
   SRCPARAM L0000068       0.00625      0.00      2.84      1.42
   SRCPARAM L0000069       0.00625      0.00      2.84      1.42
   SRCPARAM L0000070       0.00625      0.00      2.84      1.42
   SRCPARAM L0000071       0.00625      0.00      2.84      1.42
   SRCPARAM L0000072       0.00625      0.00      2.84      1.42
   SRCPARAM L0000073       0.00625      0.00      2.84      1.42
   SRCPARAM L0000074       0.00625      0.00      2.84      1.42
   SRCPARAM L0000075       0.00625      0.00      2.84      1.42
   SRCPARAM L0000076       0.00625      0.00      2.84      1.42
   SRCPARAM L0000077       0.00625      0.00      2.84      1.42
   SRCPARAM L0000078       0.00625      0.00      2.84      1.42
   SRCPARAM L0000079       0.00625      0.00      2.84      1.42
   SRCPARAM L0000080       0.00625      0.00      2.84      1.42
   SRCPARAM L0000081       0.00625      0.00      2.84      1.42
   SRCPARAM L0000082       0.00625      0.00      2.84      1.42
   SRCPARAM L0000083       0.00625      0.00      2.84      1.42
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SRCPARAM L0000084       0.00625      0.00      2.84      1.42
SRCPARAM L0000085       0.00625      0.00      2.84      1.42
SRCPARAM L0000086       0.00625      0.00      2.84      1.42
SRCPARAM L0000087       0.00625      0.00      2.84      1.42
SRCPARAM L0000088       0.00625      0.00      2.84      1.42
SRCPARAM L0000089       0.00625      0.00      2.84      1.42
SRCPARAM L0000090       0.00625      0.00      2.84      1.42
SRCPARAM L0000091       0.00625      0.00      2.84      1.42
SRCPARAM L0000092       0.00625      0.00      2.84      1.42
SRCPARAM L0000093       0.00625      0.00      2.84      1.42
SRCPARAM L0000094       0.00625      0.00      2.84      1.42
SRCPARAM L0000095       0.00625      0.00      2.84      1.42
SRCPARAM L0000096       0.00625      0.00      2.84      1.42
SRCPARAM L0000097       0.00625      0.00      2.84      1.42
SRCPARAM L0000098       0.00625      0.00      2.84      1.42
SRCPARAM L0000099       0.00625      0.00      2.84      1.42
SRCPARAM L0000100       0.00625      0.00      2.84      1.42
SRCPARAM L0000101       0.00625      0.00      2.84      1.42
SRCPARAM L0000102       0.00625      0.00      2.84      1.42
SRCPARAM L0000103       0.00625      0.00      2.84      1.42
SRCPARAM L0000104       0.00625      0.00      2.84      1.42
SRCPARAM L0000105       0.00625      0.00      2.84      1.42
SRCPARAM L0000106       0.00625      0.00      2.84      1.42
SRCPARAM L0000107       0.00625      0.00      2.84      1.42
SRCPARAM L0000108       0.00625      0.00      2.84      1.42
SRCPARAM L0000109       0.00625      0.00      2.84      1.42
SRCPARAM L0000110       0.00625      0.00      2.84      1.42
SRCPARAM L0000111       0.00625      0.00      2.84      1.42
SRCPARAM L0000112       0.00625      0.00      2.84      1.42
SRCPARAM L0000113       0.00625      0.00      2.84      1.42
SRCPARAM L0000114       0.00625      0.00      2.84      1.42
SRCPARAM L0000115       0.00625      0.00      2.84      1.42
SRCPARAM L0000116       0.00625      0.00      2.84      1.42
SRCPARAM L0000117       0.00625      0.00      2.84      1.42
SRCPARAM L0000118       0.00625      0.00      2.84      1.42
SRCPARAM L0000119       0.00625      0.00      2.84      1.42
SRCPARAM L0000120       0.00625      0.00      2.84      1.42
SRCPARAM L0000121       0.00625      0.00      2.84      1.42
SRCPARAM L0000122       0.00625      0.00      2.84      1.42
SRCPARAM L0000123       0.00625      0.00      2.84      1.42
SRCPARAM L0000124       0.00625      0.00      2.84      1.42
SRCPARAM L0000125       0.00625      0.00      2.84      1.42
SRCPARAM L0000126       0.00625      0.00      2.84      1.42
SRCPARAM L0000127       0.00625      0.00      2.84      1.42
SRCPARAM L0000128       0.00625      0.00      2.84      1.42
SRCPARAM L0000129       0.00625      0.00      2.84      1.42
SRCPARAM L0000130       0.00625      0.00      2.84      1.42
SRCPARAM L0000131       0.00625      0.00      2.84      1.42
SRCPARAM L0000132       0.00625      0.00      2.84      1.42
SRCPARAM L0000133       0.00625      0.00      2.84      1.42
SRCPARAM L0000134       0.00625      0.00      2.84      1.42
SRCPARAM L0000135       0.00625      0.00      2.84      1.42
SRCPARAM L0000136       0.00625      0.00      2.84      1.42
SRCPARAM L0000137       0.00625      0.00      2.84      1.42
SRCPARAM L0000138       0.00625      0.00      2.84      1.42
SRCPARAM L0000139       0.00625      0.00      2.84      1.42
SRCPARAM L0000140       0.00625      0.00      2.84      1.42
SRCPARAM L0000141       0.00625      0.00      2.84      1.42
SRCPARAM L0000142       0.00625      0.00      2.84      1.42
SRCPARAM L0000143       0.00625      0.00      2.84      1.42
SRCPARAM L0000144       0.00625      0.00      2.84      1.42
SRCPARAM L0000145       0.00625      0.00      2.84      1.42
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   SRCPARAM L0000146       0.00625      0.00      2.84      1.42
   SRCPARAM L0000147       0.00625      0.00      2.84      1.42
   SRCPARAM L0000148       0.00625      0.00      2.84      1.42
   SRCPARAM L0000149       0.00625      0.00      2.84      1.42
   SRCPARAM L0000150       0.00625      0.00      2.84      1.42
   SRCPARAM L0000151       0.00625      0.00      2.84      1.42
   SRCPARAM L0000152       0.00625      0.00      2.84      1.42
   SRCPARAM L0000153       0.00625      0.00      2.84      1.42
   SRCPARAM L0000154       0.00625      0.00      2.84      1.42
   SRCPARAM L0000155       0.00625      0.00      2.84      1.42
   SRCPARAM L0000156       0.00625      0.00      2.84      1.42
   SRCPARAM L0000157       0.00625      0.00      2.84      1.42
   SRCPARAM L0000158       0.00625      0.00      2.84      1.42
   SRCPARAM L0000159       0.00625      0.00      2.84      1.42
   SRCPARAM L0000160       0.00625      0.00      2.84      1.42
   SRCPARAM L0000161       0.00625      0.00      2.84      1.42
   SRCPARAM L0000162       0.00625      0.00      2.84      1.42
   SRCPARAM L0000163       0.00625      0.00      2.84      1.42
   SRCPARAM L0000164       0.00625      0.00      2.84      1.42
   SRCPARAM L0000165       0.00625      0.00      2.84      1.42
   SRCPARAM L0000166       0.00625      0.00      2.84      1.42
   SRCPARAM L0000167       0.00625      0.00      2.84      1.42
   SRCPARAM L0000168       0.00625      0.00      2.84      1.42
   SRCPARAM L0000169       0.00625      0.00      2.84      1.42
   SRCPARAM L0000170       0.00625      0.00      2.84      1.42
   SRCPARAM L0000171       0.00625      0.00      2.84      1.42
   SRCPARAM L0000172       0.00625      0.00      2.84      1.42
   SRCPARAM L0000173       0.00625      0.00      2.84      1.42
   SRCPARAM L0000174       0.00625      0.00      2.84      1.42
   SRCPARAM L0000175       0.00625      0.00      2.84      1.42
   SRCPARAM L0000176       0.00625      0.00      2.84      1.42
   SRCPARAM L0000177       0.00625      0.00      2.84      1.42
   SRCPARAM L0000178       0.00625      0.00      2.84      1.42
   SRCPARAM L0000179       0.00625      0.00      2.84      1.42
   SRCPARAM L0000180       0.00625      0.00      2.84      1.42
   SRCPARAM L0000181       0.00625      0.00      2.84      1.42
   SRCPARAM L0000182       0.00625      0.00      2.84      1.42
   SRCPARAM L0000183       0.00625      0.00      2.84      1.42
   SRCPARAM L0000184       0.00625      0.00      2.84      1.42
   SRCPARAM L0000185       0.00625      0.00      2.84      1.42
   SRCPARAM L0000186       0.00625      0.00      2.84      1.42
   SRCPARAM L0000187       0.00625      0.00      2.84      1.42
   SRCPARAM L0000188       0.00625      0.00      2.84      1.42
   SRCPARAM L0000189       0.00625      0.00      2.84      1.42
   SRCPARAM L0000190       0.00625      0.00      2.84      1.42
   SRCPARAM L0000191       0.00625      0.00      2.84      1.42
   SRCPARAM L0000192       0.00625      0.00      2.84      1.42
   SRCPARAM L0000193       0.00625      0.00      2.84      1.42
   SRCPARAM L0000194       0.00625      0.00      2.84      1.42
   SRCPARAM L0000195       0.00625      0.00      2.84      1.42
   SRCPARAM L0000196       0.00625      0.00      2.84      1.42
   SRCPARAM L0000197       0.00625      0.00      2.84      1.42
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** LINE VOLUME Source ID = OUT1
   SRCPARAM L0000198     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000199     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000200     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000201     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000202     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000203     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000204     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000205     0.006097561      0.00      2.84      1.42
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SRCPARAM L0000206     0.006097561      0.00      2.84      1.42
SRCPARAM L0000207     0.006097561      0.00      2.84      1.42
SRCPARAM L0000208     0.006097561      0.00      2.84      1.42
SRCPARAM L0000209     0.006097561      0.00      2.84      1.42
SRCPARAM L0000210     0.006097561      0.00      2.84      1.42
SRCPARAM L0000211     0.006097561      0.00      2.84      1.42
SRCPARAM L0000212     0.006097561      0.00      2.84      1.42
SRCPARAM L0000213     0.006097561      0.00      2.84      1.42
SRCPARAM L0000214     0.006097561      0.00      2.84      1.42
SRCPARAM L0000215     0.006097561      0.00      2.84      1.42
SRCPARAM L0000216     0.006097561      0.00      2.84      1.42
SRCPARAM L0000217     0.006097561      0.00      2.84      1.42
SRCPARAM L0000218     0.006097561      0.00      2.84      1.42
SRCPARAM L0000219     0.006097561      0.00      2.84      1.42
SRCPARAM L0000220     0.006097561      0.00      2.84      1.42
SRCPARAM L0000221     0.006097561      0.00      2.84      1.42
SRCPARAM L0000222     0.006097561      0.00      2.84      1.42
SRCPARAM L0000223     0.006097561      0.00      2.84      1.42
SRCPARAM L0000224     0.006097561      0.00      2.84      1.42
SRCPARAM L0000225     0.006097561      0.00      2.84      1.42
SRCPARAM L0000226     0.006097561      0.00      2.84      1.42
SRCPARAM L0000227     0.006097561      0.00      2.84      1.42
SRCPARAM L0000228     0.006097561      0.00      2.84      1.42
SRCPARAM L0000229     0.006097561      0.00      2.84      1.42
SRCPARAM L0000230     0.006097561      0.00      2.84      1.42
SRCPARAM L0000231     0.006097561      0.00      2.84      1.42
SRCPARAM L0000232     0.006097561      0.00      2.84      1.42
SRCPARAM L0000233     0.006097561      0.00      2.84      1.42
SRCPARAM L0000234     0.006097561      0.00      2.84      1.42
SRCPARAM L0000235     0.006097561      0.00      2.84      1.42
SRCPARAM L0000236     0.006097561      0.00      2.84      1.42
SRCPARAM L0000237     0.006097561      0.00      2.84      1.42
SRCPARAM L0000238     0.006097561      0.00      2.84      1.42
SRCPARAM L0000239     0.006097561      0.00      2.84      1.42
SRCPARAM L0000240     0.006097561      0.00      2.84      1.42
SRCPARAM L0000241     0.006097561      0.00      2.84      1.42
SRCPARAM L0000242     0.006097561      0.00      2.84      1.42
SRCPARAM L0000243     0.006097561      0.00      2.84      1.42
SRCPARAM L0000244     0.006097561      0.00      2.84      1.42
SRCPARAM L0000245     0.006097561      0.00      2.84      1.42
SRCPARAM L0000246     0.006097561      0.00      2.84      1.42
SRCPARAM L0000247     0.006097561      0.00      2.84      1.42
SRCPARAM L0000248     0.006097561      0.00      2.84      1.42
SRCPARAM L0000249     0.006097561      0.00      2.84      1.42
SRCPARAM L0000250     0.006097561      0.00      2.84      1.42
SRCPARAM L0000251     0.006097561      0.00      2.84      1.42
SRCPARAM L0000252     0.006097561      0.00      2.84      1.42
SRCPARAM L0000253     0.006097561      0.00      2.84      1.42
SRCPARAM L0000254     0.006097561      0.00      2.84      1.42
SRCPARAM L0000255     0.006097561      0.00      2.84      1.42
SRCPARAM L0000256     0.006097561      0.00      2.84      1.42
SRCPARAM L0000257     0.006097561      0.00      2.84      1.42
SRCPARAM L0000258     0.006097561      0.00      2.84      1.42
SRCPARAM L0000259     0.006097561      0.00      2.84      1.42
SRCPARAM L0000260     0.006097561      0.00      2.84      1.42
SRCPARAM L0000261     0.006097561      0.00      2.84      1.42
SRCPARAM L0000262     0.006097561      0.00      2.84      1.42
SRCPARAM L0000263     0.006097561      0.00      2.84      1.42
SRCPARAM L0000264     0.006097561      0.00      2.84      1.42
SRCPARAM L0000265     0.006097561      0.00      2.84      1.42
SRCPARAM L0000266     0.006097561      0.00      2.84      1.42
SRCPARAM L0000267     0.006097561      0.00      2.84      1.42
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SRCPARAM L0000268     0.006097561      0.00      2.84      1.42
SRCPARAM L0000269     0.006097561      0.00      2.84      1.42
SRCPARAM L0000270     0.006097561      0.00      2.84      1.42
SRCPARAM L0000271     0.006097561      0.00      2.84      1.42
SRCPARAM L0000272     0.006097561      0.00      2.84      1.42
SRCPARAM L0000273     0.006097561      0.00      2.84      1.42
SRCPARAM L0000274     0.006097561      0.00      2.84      1.42
SRCPARAM L0000275     0.006097561      0.00      2.84      1.42
SRCPARAM L0000276     0.006097561      0.00      2.84      1.42
SRCPARAM L0000277     0.006097561      0.00      2.84      1.42
SRCPARAM L0000278     0.006097561      0.00      2.84      1.42
SRCPARAM L0000279     0.006097561      0.00      2.84      1.42
SRCPARAM L0000280     0.006097561      0.00      2.84      1.42
SRCPARAM L0000281     0.006097561      0.00      2.84      1.42
SRCPARAM L0000282     0.006097561      0.00      2.84      1.42
SRCPARAM L0000283     0.006097561      0.00      2.84      1.42
SRCPARAM L0000284     0.006097561      0.00      2.84      1.42
SRCPARAM L0000285     0.006097561      0.00      2.84      1.42
SRCPARAM L0000286     0.006097561      0.00      2.84      1.42
SRCPARAM L0000287     0.006097561      0.00      2.84      1.42
SRCPARAM L0000288     0.006097561      0.00      2.84      1.42
SRCPARAM L0000289     0.006097561      0.00      2.84      1.42
SRCPARAM L0000290     0.006097561      0.00      2.84      1.42
SRCPARAM L0000291     0.006097561      0.00      2.84      1.42
SRCPARAM L0000292     0.006097561      0.00      2.84      1.42
SRCPARAM L0000293     0.006097561      0.00      2.84      1.42
SRCPARAM L0000294     0.006097561      0.00      2.84      1.42
SRCPARAM L0000295     0.006097561      0.00      2.84      1.42
SRCPARAM L0000296     0.006097561      0.00      2.84      1.42
SRCPARAM L0000297     0.006097561      0.00      2.84      1.42
SRCPARAM L0000298     0.006097561      0.00      2.84      1.42
SRCPARAM L0000299     0.006097561      0.00      2.84      1.42
SRCPARAM L0000300     0.006097561      0.00      2.84      1.42
SRCPARAM L0000301     0.006097561      0.00      2.84      1.42
SRCPARAM L0000302     0.006097561      0.00      2.84      1.42
SRCPARAM L0000303     0.006097561      0.00      2.84      1.42
SRCPARAM L0000304     0.006097561      0.00      2.84      1.42
SRCPARAM L0000305     0.006097561      0.00      2.84      1.42
SRCPARAM L0000306     0.006097561      0.00      2.84      1.42
SRCPARAM L0000307     0.006097561      0.00      2.84      1.42
SRCPARAM L0000308     0.006097561      0.00      2.84      1.42
SRCPARAM L0000309     0.006097561      0.00      2.84      1.42
SRCPARAM L0000310     0.006097561      0.00      2.84      1.42
SRCPARAM L0000311     0.006097561      0.00      2.84      1.42
SRCPARAM L0000312     0.006097561      0.00      2.84      1.42
SRCPARAM L0000313     0.006097561      0.00      2.84      1.42
SRCPARAM L0000314     0.006097561      0.00      2.84      1.42
SRCPARAM L0000315     0.006097561      0.00      2.84      1.42
SRCPARAM L0000316     0.006097561      0.00      2.84      1.42
SRCPARAM L0000317     0.006097561      0.00      2.84      1.42
SRCPARAM L0000318     0.006097561      0.00      2.84      1.42
SRCPARAM L0000319     0.006097561      0.00      2.84      1.42
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SRCPARAM L0000321     0.006097561      0.00      2.84      1.42
SRCPARAM L0000322     0.006097561      0.00      2.84      1.42
SRCPARAM L0000323     0.006097561      0.00      2.84      1.42
SRCPARAM L0000324     0.006097561      0.00      2.84      1.42
SRCPARAM L0000325     0.006097561      0.00      2.84      1.42
SRCPARAM L0000326     0.006097561      0.00      2.84      1.42
SRCPARAM L0000327     0.006097561      0.00      2.84      1.42
SRCPARAM L0000328     0.006097561      0.00      2.84      1.42
SRCPARAM L0000329     0.006097561      0.00      2.84      1.42
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   SRCPARAM L0000330     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000331     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000332     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000333     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000334     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000335     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000336     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000337     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000338     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000339     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000340     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000341     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000342     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000343     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000344     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000345     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000346     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000347     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000348     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000349     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000350     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000351     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000352     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000353     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000354     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000355     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000356     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000703     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000704     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000705     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000706     0.006097561      0.00      2.84      1.42
   SRCPARAM L0000707     0.006097561      0.00      2.84      1.42
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** LINE VOLUME Source ID = OUT2
   SRCPARAM L0000357     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000358     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000359     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000360     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000361     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000362     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000363     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000364     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000365     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000366     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000367     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000368     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000369     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000370     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000371     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000372     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000373     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000374     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000375     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000376     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000377     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000378     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000379     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000380     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000381     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000382     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000383     0.0058479532      0.00      2.84      1.42
   SRCPARAM L0000384     0.0058479532      0.00      2.84      1.42
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SRCPARAM L0000385     0.0058479532      0.00      2.84      1.42
SRCPARAM L0000386     0.0058479532      0.00      2.84      1.42
SRCPARAM L0000387     0.0058479532      0.00      2.84      1.42
SRCPARAM L0000388     0.0058479532      0.00      2.84      1.42
SRCPARAM L0000389     0.0058479532      0.00      2.84      1.42
SRCPARAM L0000390     0.0058479532      0.00      2.84      1.42
SRCPARAM L0000391     0.0058479532      0.00      2.84      1.42
SRCPARAM L0000392     0.0058479532      0.00      2.84      1.42
SRCPARAM L0000393     0.0058479532      0.00      2.84      1.42
SRCPARAM L0000394     0.0058479532      0.00      2.84      1.42
SRCPARAM L0000395     0.0058479532      0.00      2.84      1.42
SRCPARAM L0000396     0.0058479532      0.00      2.84      1.42
SRCPARAM L0000397     0.0058479532      0.00      2.84      1.42
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SRCPARAM L0000676     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000677     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000678     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000679     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000680     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000681     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000682     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000683     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000684     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000685     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000686     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000687     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000688     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000689     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000690     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000691     0.0057142857      0.00      2.84      1.42
SRCPARAM L0000692     0.0057142857      0.00      2.84      1.42
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   SRCPARAM L0000693     0.0057142857      0.00      2.84      1.42
   SRCPARAM L0000694     0.0057142857      0.00      2.84      1.42
   SRCPARAM L0000695     0.0057142857      0.00      2.84      1.42
   SRCPARAM L0000696     0.0057142857      0.00      2.84      1.42
   SRCPARAM L0000697     0.0057142857      0.00      2.84      1.42
   SRCPARAM L0000698     0.0057142857      0.00      2.84      1.42
   SRCPARAM L0000699     0.0057142857      0.00      2.84      1.42
   SRCPARAM L0000700     0.0057142857      0.00      2.84      1.42
   SRCPARAM L0000701     0.0057142857      0.00      2.84      1.42
   SRCPARAM L0000702     0.0057142857      0.00      2.84      1.42
** ------------------------------------------------------------------
** LINE VOLUME Source ID = IN3
   SRCPARAM L0000708      0.015625      0.00      2.84      1.42
   SRCPARAM L0000709      0.015625      0.00      2.84      1.42
   SRCPARAM L0000710      0.015625      0.00      2.84      1.42
   SRCPARAM L0000711      0.015625      0.00      2.84      1.42
   SRCPARAM L0000712      0.015625      0.00      2.84      1.42
   SRCPARAM L0000713      0.015625      0.00      2.84      1.42
   SRCPARAM L0000714      0.015625      0.00      2.84      1.42
   SRCPARAM L0000715      0.015625      0.00      2.84      1.42
   SRCPARAM L0000716      0.015625      0.00      2.84      1.42
   SRCPARAM L0000717      0.015625      0.00      2.84      1.42
   SRCPARAM L0000718      0.015625      0.00      2.84      1.42
   SRCPARAM L0000719      0.015625      0.00      2.84      1.42
   SRCPARAM L0000720      0.015625      0.00      2.84      1.42
   SRCPARAM L0000721      0.015625      0.00      2.84      1.42
   SRCPARAM L0000722      0.015625      0.00      2.84      1.42
   SRCPARAM L0000723      0.015625      0.00      2.84      1.42
   SRCPARAM L0000724      0.015625      0.00      2.84      1.42
   SRCPARAM L0000725      0.015625      0.00      2.84      1.42
   SRCPARAM L0000726      0.015625      0.00      2.84      1.42
   SRCPARAM L0000727      0.015625      0.00      2.84      1.42
   SRCPARAM L0000728      0.015625      0.00      2.84      1.42
   SRCPARAM L0000729      0.015625      0.00      2.84      1.42
   SRCPARAM L0000730      0.015625      0.00      2.84      1.42
   SRCPARAM L0000731      0.015625      0.00      2.84      1.42
   SRCPARAM L0000732      0.015625      0.00      2.84      1.42
   SRCPARAM L0000733      0.015625      0.00      2.84      1.42
   SRCPARAM L0000734      0.015625      0.00      2.84      1.42
   SRCPARAM L0000735      0.015625      0.00      2.84      1.42
   SRCPARAM L0000736      0.015625      0.00      2.84      1.42
   SRCPARAM L0000737      0.015625      0.00      2.84      1.42
   SRCPARAM L0000738      0.015625      0.00      2.84      1.42
   SRCPARAM L0000739      0.015625      0.00      2.84      1.42
   SRCPARAM L0000740      0.015625      0.00      2.84      1.42
   SRCPARAM L0000741      0.015625      0.00      2.84      1.42
   SRCPARAM L0000742      0.015625      0.00      2.84      1.42
   SRCPARAM L0000743      0.015625      0.00      2.84      1.42
   SRCPARAM L0000744      0.015625      0.00      2.84      1.42
   SRCPARAM L0000745      0.015625      0.00      2.84      1.42
   SRCPARAM L0000746      0.015625      0.00      2.84      1.42
   SRCPARAM L0000747      0.015625      0.00      2.84      1.42
   SRCPARAM L0000748      0.015625      0.00      2.84      1.42
   SRCPARAM L0000749      0.015625      0.00      2.84      1.42
   SRCPARAM L0000750      0.015625      0.00      2.84      1.42
   SRCPARAM L0000751      0.015625      0.00      2.84      1.42
   SRCPARAM L0000752      0.015625      0.00      2.84      1.42
   SRCPARAM L0000753      0.015625      0.00      2.84      1.42
   SRCPARAM L0000754      0.015625      0.00      2.84      1.42
   SRCPARAM L0000755      0.015625      0.00      2.84      1.42
   SRCPARAM L0000756      0.015625      0.00      2.84      1.42
   SRCPARAM L0000757      0.015625      0.00      2.84      1.42
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   SRCPARAM L0000758      0.015625      0.00      2.84      1.42
   SRCPARAM L0000759      0.015625      0.00      2.84      1.42
   SRCPARAM L0000760      0.015625      0.00      2.84      1.42
   SRCPARAM L0000761      0.015625      0.00      2.84      1.42
   SRCPARAM L0000762      0.015625      0.00      2.84      1.42
   SRCPARAM L0000763      0.015625      0.00      2.84      1.42
   SRCPARAM L0000764      0.015625      0.00      2.84      1.42
   SRCPARAM L0000765      0.015625      0.00      2.84      1.42
   SRCPARAM L0000766      0.015625      0.00      2.84      1.42
   SRCPARAM L0000767      0.015625      0.00      2.84      1.42
   SRCPARAM L0000768      0.015625      0.00      2.84      1.42
   SRCPARAM L0000769      0.015625      0.00      2.84      1.42
   SRCPARAM L0000770      0.015625      0.00      2.84      1.42
   SRCPARAM L0000771      0.015625      0.00      2.84      1.42
** --------------------------------------------------------------------
** LINE VOLUME Source ID = OUT3
   SRCPARAM L0000772     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000773     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000774     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000775     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000776     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000777     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000778     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000779     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000780     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000781     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000782     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000783     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000784     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000785     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000786     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000787     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000788     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000789     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000790     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000791     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000792     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000793     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000794     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000795     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000796     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000797     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000798     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000799     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000800     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000801     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000802     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000803     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000804     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000805     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000806     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000807     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000808     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000809     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000810     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000811     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000812     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000813     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000814     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000815     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000816     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000817     0.0161290323      0.00      2.84      1.42
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   SRCPARAM L0000818     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000819     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000820     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000821     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000822     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000823     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000824     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000825     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000826     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000827     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000828     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000829     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000830     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000831     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000832     0.0161290323      0.00      2.84      1.42
   SRCPARAM L0000833     0.0161290323      0.00      2.84      1.42
** ------------------------------------------------------------------
   SRCPARAM STCK1              1.0     3.658   388.700        25     0.044
   SRCPARAM STCK2              1.0     3.658   388.700        25     0.044
   SRCPARAM STCK3              1.0     3.658   388.700        25     0.044
   URBANSRC ALL
   SRCGROUP IN1      L0000038 L0000039 L0000040 L0000041 L0000042 L0000043
   SRCGROUP IN1      L0000044 L0000045 L0000046 L0000047 L0000048 L0000049
   SRCGROUP IN1      L0000050 L0000051 L0000052 L0000053 L0000054 L0000055
   SRCGROUP IN1      L0000056 L0000057 L0000058 L0000059 L0000060 L0000061
   SRCGROUP IN1      L0000062 L0000063 L0000064 L0000065 L0000066 L0000067
   SRCGROUP IN1      L0000068 L0000069 L0000070 L0000071 L0000072 L0000073
   SRCGROUP IN1      L0000074 L0000075 L0000076 L0000077 L0000078 L0000079
   SRCGROUP IN1      L0000080 L0000081 L0000082 L0000083 L0000084 L0000085
   SRCGROUP IN1      L0000086 L0000087 L0000088 L0000089 L0000090 L0000091
   SRCGROUP IN1      L0000092 L0000093 L0000094 L0000095 L0000096 L0000097
   SRCGROUP IN1      L0000098 L0000099 L0000100 L0000101 L0000102 L0000103
   SRCGROUP IN1      L0000104 L0000105 L0000106 L0000107 L0000108 L0000109
   SRCGROUP IN1      L0000110 L0000111 L0000112 L0000113 L0000114 L0000115
   SRCGROUP IN1      L0000116 L0000117 L0000118 L0000119 L0000120 L0000121
   SRCGROUP IN1      L0000122 L0000123 L0000124 L0000125 L0000126 L0000127
   SRCGROUP IN1      L0000128 L0000129 L0000130 L0000131 L0000132 L0000133
   SRCGROUP IN1      L0000134 L0000135 L0000136 L0000137 L0000138 L0000139
   SRCGROUP IN1      L0000140 L0000141 L0000142 L0000143 L0000144 L0000145
   SRCGROUP IN1      L0000146 L0000147 L0000148 L0000149 L0000150 L0000151
   SRCGROUP IN1      L0000152 L0000153 L0000154 L0000155 L0000156 L0000157
   SRCGROUP IN1      L0000158 L0000159 L0000160 L0000161 L0000162 L0000163
   SRCGROUP IN1      L0000164 L0000165 L0000166 L0000167 L0000168 L0000169
   SRCGROUP IN1      L0000170 L0000171 L0000172 L0000173 L0000174 L0000175
   SRCGROUP IN1      L0000176 L0000177 L0000178 L0000179 L0000180 L0000181
   SRCGROUP IN1      L0000182 L0000183 L0000184 L0000185 L0000186 L0000187
   SRCGROUP IN1      L0000188 L0000189 L0000190 L0000191 L0000192 L0000193
   SRCGROUP IN1      L0000194 L0000195 L0000196 L0000197
   SRCGROUP IN2      L0000528 L0000529 L0000530 L0000531 L0000532 L0000533
   SRCGROUP IN2      L0000534 L0000535 L0000536 L0000537 L0000538 L0000539
   SRCGROUP IN2      L0000540 L0000541 L0000542 L0000543 L0000544 L0000545
   SRCGROUP IN2      L0000546 L0000547 L0000548 L0000549 L0000550 L0000551
   SRCGROUP IN2      L0000552 L0000553 L0000554 L0000555 L0000556 L0000557
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   SRCGROUP IN2      L0000564 L0000565 L0000566 L0000567 L0000568 L0000569
   SRCGROUP IN2      L0000570 L0000571 L0000572 L0000573 L0000574 L0000575
   SRCGROUP IN2      L0000576 L0000577 L0000578 L0000579 L0000580 L0000581
   SRCGROUP IN2      L0000582 L0000583 L0000584 L0000585 L0000586 L0000587
   SRCGROUP IN2      L0000588 L0000589 L0000590 L0000591 L0000592 L0000593
   SRCGROUP IN2      L0000594 L0000595 L0000596 L0000597 L0000598 L0000599
   SRCGROUP IN2      L0000600 L0000601 L0000602 L0000603 L0000604 L0000605
   SRCGROUP IN2      L0000606 L0000607 L0000608 L0000609 L0000610 L0000611
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SRCGROUP IN2      L0000618 L0000619 L0000620 L0000621 L0000622 L0000623
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SRCGROUP IN2      L0000636 L0000637 L0000638 L0000639 L0000640 L0000641
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SRCGROUP IN2      L0000660 L0000661 L0000662 L0000663 L0000664 L0000665
SRCGROUP IN2      L0000666 L0000667 L0000668 L0000669 L0000670 L0000671
SRCGROUP IN2      L0000672 L0000673 L0000674 L0000675 L0000676 L0000677
SRCGROUP IN2      L0000678 L0000679 L0000680 L0000681 L0000682 L0000683
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SRCGROUP IN2      L0000690 L0000691 L0000692 L0000693 L0000694 L0000695
SRCGROUP IN2      L0000696 L0000697 L0000698 L0000699 L0000700 L0000701
SRCGROUP IN2      L0000702
SRCGROUP IN3      L0000708 L0000709 L0000710 L0000711 L0000712 L0000713
SRCGROUP IN3      L0000714 L0000715 L0000716 L0000717 L0000718 L0000719
SRCGROUP IN3      L0000720 L0000721 L0000722 L0000723 L0000724 L0000725
SRCGROUP IN3      L0000726 L0000727 L0000728 L0000729 L0000730 L0000731
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SRCGROUP IN3      L0000762 L0000763 L0000764 L0000765 L0000766 L0000767
SRCGROUP IN3      L0000768 L0000769 L0000770 L0000771
SRCGROUP IN_LIND  L0000006 L0000007 L0000008 L0000009 L0000010 L0000011
SRCGROUP IN_LIND  L0000012 L0000013 L0000014 L0000015 L0000016 L0000017
SRCGROUP IN_LIND  L0000018 L0000019 L0000020 L0000021
SRCGROUP IN_OUT   L0000001 L0000002 L0000003 L0000004 L0000005
SRCGROUP OUT1     L0000198 L0000199 L0000200 L0000201 L0000202 L0000203
SRCGROUP OUT1     L0000204 L0000205 L0000206 L0000207 L0000208 L0000209
SRCGROUP OUT1     L0000210 L0000211 L0000212 L0000213 L0000214 L0000215
SRCGROUP OUT1     L0000216 L0000217 L0000218 L0000219 L0000220 L0000221
SRCGROUP OUT1     L0000222 L0000223 L0000224 L0000225 L0000226 L0000227
SRCGROUP OUT1     L0000228 L0000229 L0000230 L0000231 L0000232 L0000233
SRCGROUP OUT1     L0000234 L0000235 L0000236 L0000237 L0000238 L0000239
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SRCGROUP OUT1     L0000246 L0000247 L0000248 L0000249 L0000250 L0000251
SRCGROUP OUT1     L0000252 L0000253 L0000254 L0000255 L0000256 L0000257
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SRCGROUP OUT1     L0000264 L0000265 L0000266 L0000267 L0000268 L0000269
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SRCGROUP OUT1     L0000312 L0000313 L0000314 L0000315 L0000316 L0000317
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SRCGROUP OUT1     L0000342 L0000343 L0000344 L0000345 L0000346 L0000347
SRCGROUP OUT1     L0000348 L0000349 L0000350 L0000351 L0000352 L0000353
SRCGROUP OUT1     L0000354 L0000355 L0000356 L0000703 L0000704 L0000705
SRCGROUP OUT1     L0000706 L0000707
SRCGROUP OUT2     L0000357 L0000358 L0000359 L0000360 L0000361 L0000362
SRCGROUP OUT2     L0000363 L0000364 L0000365 L0000366 L0000367 L0000368
SRCGROUP OUT2     L0000369 L0000370 L0000371 L0000372 L0000373 L0000374
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   SRCGROUP OUT2     L0000381 L0000382 L0000383 L0000384 L0000385 L0000386
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   SRCGROUP OUT2     L0000465 L0000466 L0000467 L0000468 L0000469 L0000470
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   SRCGROUP OUT2     L0000477 L0000478 L0000479 L0000480 L0000481 L0000482
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   SRCGROUP OUT3     L0000778 L0000779 L0000780 L0000781 L0000782 L0000783
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   SRCGROUP OUT3     L0000814 L0000815 L0000816 L0000817 L0000818 L0000819
   SRCGROUP OUT3     L0000820 L0000821 L0000822 L0000823 L0000824 L0000825
   SRCGROUP OUT3     L0000826 L0000827 L0000828 L0000829 L0000830 L0000831
   SRCGROUP OUT3     L0000832 L0000833
   SRCGROUP OUT_LIN  L0000022 L0000023 L0000024 L0000025 L0000026 L0000027
   SRCGROUP OUT_LIN  L0000028 L0000029 L0000030 L0000031 L0000032 L0000033
   SRCGROUP OUT_LIN  L0000034 L0000035 L0000036 L0000037
   SRCGROUP STCK1    STCK1
   SRCGROUP STCK2    STCK2
   SRCGROUP STCK3    STCK3
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Operational.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
   PROFFILE ..\FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
```

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   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 IN1 1ST OPERATIONAL.AD\01H1G001.PLT 31
   PLOTFILE 1 IN2 1ST OPERATIONAL.AD\01H1G002.PLT 32
   PLOTFILE 1 IN3 1ST OPERATIONAL.AD\01H1G003.PLT 33
   PLOTFILE 1 IN_LIND 1ST OPERATIONAL.AD\01H1G004.PLT 34
   PLOTFILE 1 IN_OUT 1ST OPERATIONAL.AD\01H1G005.PLT 35
   PLOTFILE 1 OUT1 1ST OPERATIONAL.AD\01H1G006.PLT 36
   PLOTFILE 1 OUT2 1ST OPERATIONAL.AD\01H1G007.PLT 37
   PLOTFILE 1 OUT3 1ST OPERATIONAL.AD\01H1G008.PLT 38
   PLOTFILE 1 OUT_LIN 1ST OPERATIONAL.AD\01H1G009.PLT 39
   PLOTFILE 1 STCK1 1ST OPERATIONAL.AD\01H1G010.PLT 40
   PLOTFILE 1 STCK2 1ST OPERATIONAL.AD\01H1G011.PLT 41
   PLOTFILE 1 STCK3 1ST OPERATIONAL.AD\01H1G012.PLT 42
   PLOTFILE PERIOD IN1 OPERATIONAL.AD\PE00G001.PLT 43
   PLOTFILE PERIOD IN2 OPERATIONAL.AD\PE00G002.PLT 44
   PLOTFILE PERIOD IN3 OPERATIONAL.AD\PE00G003.PLT 45
   PLOTFILE PERIOD IN_LIND OPERATIONAL.AD\PE00G004.PLT 46
   PLOTFILE PERIOD IN_OUT OPERATIONAL.AD\PE00G005.PLT 47
   PLOTFILE PERIOD OUT1 OPERATIONAL.AD\PE00G006.PLT 48
   PLOTFILE PERIOD OUT2 OPERATIONAL.AD\PE00G007.PLT 49
   PLOTFILE PERIOD OUT3 OPERATIONAL.AD\PE00G008.PLT 50
   PLOTFILE PERIOD OUT_LIN OPERATIONAL.AD\PE00G009.PLT 51
   PLOTFILE PERIOD STCK1 OPERATIONAL.AD\PE00G010.PLT 52
   PLOTFILE PERIOD STCK2 OPERATIONAL.AD\PE00G011.PLT 53
   PLOTFILE PERIOD STCK3 OPERATIONAL.AD\PE00G012.PLT 54
   SUMMFILE Operational.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    2050       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    2050       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
```

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- -

** Model Options Selected:
* Model Uses Regulatory DEFAULT Options
* Model Is Setup For Calculation of Average CONCentration Values.
* NO GAS DEPOSITION Data Provided.
* NO PARTICLE DEPOSITION Data Provided.
* Model Uses NO DRY DEPLETION. DDPLETE = F
* Model Uses NO WET DEPLETION. WETDPLT = F
* Stack-tip Downwash.
* Model Accounts for ELEVated Terrain Effects.
* Use Calms Processing Routine.
* Use Missing Data Processing Routine.
* No Exponential Decay.
* Model Uses URBAN Dispersion Algorithm for the SBL for 836 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* ADJ_U* - Use ADJ_U* option for SBL in AERMET
* TEMP_Sub - Meteorological data includes TEMP substitutions
* Model Assumes No FLAGPOLE Receptor Heights.
* The User Specified a Pollutant Type of: OTHER

**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages

**This Run Includes: 836 Source(s); 12 Source Group(s); and 443 Receptor(s)

with: 3 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 833 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 367.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

```
**Approximate Storage Requirements of Model =      4.2 MB of RAM.

**Input Runstream File:          aermod.inp
**Output Print File:             aermod.out

**File for Summary of Results:   Operational.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK1	0	0.10000E+01	462990.3	3773171.1	381.8	3.66	388.70	25.00	0.04	NO	YES	NO	
STCK2	0	0.10000E+01	462995.0	3773171.1	381.8	3.66	388.70	25.00	0.04	NO	YES	NO	
STCK3	0	0.10000E+01	462998.9	3773171.3	381.8	3.66	388.70	25.00	0.04	NO	YES	NO	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000001	0	0.20000E+00	462986.0	3773157.7	381.4	0.00	2.84	1.42	YES		NO
L0000002	0	0.20000E+00	462992.1	3773157.7	381.4	0.00	2.84	1.42	YES		NO
L0000003	0	0.20000E+00	462998.2	3773157.6	381.4	0.00	2.84	1.42	YES		NO
L0000004	0	0.20000E+00	463004.3	3773157.6	381.4	0.00	2.84	1.42	YES		NO
L0000005	0	0.20000E+00	463010.4	3773157.6	381.4	0.00	2.84	1.42	YES		NO
L0000006	0	0.62500E-01	463015.6	3773250.7	383.0	0.00	2.84	1.42	YES		NO
L0000007	0	0.62500E-01	463015.5	3773244.6	383.0	0.00	2.84	1.42	YES		NO
L0000008	0	0.62500E-01	463015.5	3773238.5	383.0	0.00	2.84	1.42	YES		NO
L0000009	0	0.62500E-01	463015.4	3773232.4	382.9	0.00	2.84	1.42	YES		NO
L0000010	0	0.62500E-01	463015.3	3773226.3	382.7	0.00	2.84	1.42	YES		NO
L0000011	0	0.62500E-01	463015.3	3773220.2	382.5	0.00	2.84	1.42	YES		NO
L0000012	0	0.62500E-01	463015.2	3773214.1	382.3	0.00	2.84	1.42	YES		NO
L0000013	0	0.62500E-01	463015.1	3773208.0	382.1	0.00	2.84	1.42	YES		NO
L0000014	0	0.62500E-01	463015.1	3773201.9	382.0	0.00	2.84	1.42	YES		NO
L0000015	0	0.62500E-01	463015.0	3773195.8	382.0	0.00	2.84	1.42	YES		NO
L0000016	0	0.62500E-01	463014.9	3773189.8	382.0	0.00	2.84	1.42	YES		NO
L0000017	0	0.62500E-01	463014.9	3773183.7	382.0	0.00	2.84	1.42	YES		NO
L0000018	0	0.62500E-01	463014.8	3773177.6	382.0	0.00	2.84	1.42	YES		NO
L0000019	0	0.62500E-01	463014.8	3773171.5	381.8	0.00	2.84	1.42	YES		NO
L0000020	0	0.62500E-01	463014.7	3773165.4	381.6	0.00	2.84	1.42	YES		NO
L0000021	0	0.62500E-01	463014.6	3773159.3	381.4	0.00	2.84	1.42	YES		NO
L0000022	0	0.62500E-01	463020.7	3773160.4	381.5	0.00	2.84	1.42	YES		NO
L0000023	0	0.62500E-01	463020.8	3773166.5	381.7	0.00	2.84	1.42	YES		NO
L0000024	0	0.62500E-01	463020.8	3773172.6	381.9	0.00	2.84	1.42	YES		NO
L0000025	0	0.62500E-01	463020.8	3773178.7	382.0	0.00	2.84	1.42	YES		NO
L0000026	0	0.62500E-01	463020.9	3773184.8	382.0	0.00	2.84	1.42	YES		NO
L0000027	0	0.62500E-01	463020.9	3773190.9	382.0	0.00	2.84	1.42	YES		NO
L0000028	0	0.62500E-01	463021.0	3773197.0	382.0	0.00	2.84	1.42	YES		NO
L0000029	0	0.62500E-01	463021.0	3773203.1	382.0	0.00	2.84	1.42	YES		NO
L0000030	0	0.62500E-01	463021.1	3773209.2	382.1	0.00	2.84	1.42	YES		NO
L0000031	0	0.62500E-01	463021.1	3773215.3	382.3	0.00	2.84	1.42	YES		NO
L0000032	0	0.62500E-01	463021.1	3773221.4	382.5	0.00	2.84	1.42	YES		NO
L0000033	0	0.62500E-01	463021.2	3773227.4	382.7	0.00	2.84	1.42	YES		NO
L0000034	0	0.62500E-01	463021.2	3773233.5	382.9	0.00	2.84	1.42	YES		NO
L0000035	0	0.62500E-01	463021.3	3773239.6	383.0	0.00	2.84	1.42	YES		NO
L0000036	0	0.62500E-01	463021.3	3773245.7	383.0	0.00	2.84	1.42	YES		NO
L0000037	0	0.62500E-01	463021.4	3773251.8	383.0	0.00	2.84	1.42	YES		NO
L0000038	0	0.62500E-02	463411.5	3773277.8	382.6	0.00	2.84	1.42	YES		NO
L0000039	0	0.62500E-02	463413.0	3773283.5	382.7	0.00	2.84	1.42	YES		NO
L0000040	0	0.62500E-02	463413.0	3773289.6	382.8	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000041	0	0.62500E-02	463413.0	3773295.7	383.0	0.00	2.84	1.42	YES		NO
L0000042	0	0.62500E-02	463413.1	3773301.8	383.0	0.00	2.84	1.42	YES		NO
L0000043	0	0.62500E-02	463413.1	3773307.8	383.1	0.00	2.84	1.42	YES		NO
L0000044	0	0.62500E-02	463413.2	3773313.9	383.1	0.00	2.84	1.42	YES		NO
L0000045	0	0.62500E-02	463413.2	3773320.0	383.2	0.00	2.84	1.42	YES		NO
L0000046	0	0.62500E-02	463413.2	3773326.1	383.2	0.00	2.84	1.42	YES		NO
L0000047	0	0.62500E-02	463413.3	3773332.2	383.4	0.00	2.84	1.42	YES		NO
L0000048	0	0.62500E-02	463413.3	3773338.3	383.5	0.00	2.84	1.42	YES		NO
L0000049	0	0.62500E-02	463413.4	3773344.4	383.7	0.00	2.84	1.42	YES		NO
L0000050	0	0.62500E-02	463413.4	3773350.5	383.9	0.00	2.84	1.42	YES		NO
L0000051	0	0.62500E-02	463413.5	3773356.6	384.0	0.00	2.84	1.42	YES		NO
L0000052	0	0.62500E-02	463413.5	3773362.7	384.0	0.00	2.84	1.42	YES		NO
L0000053	0	0.62500E-02	463413.5	3773368.8	384.0	0.00	2.84	1.42	YES		NO
L0000054	0	0.62500E-02	463413.6	3773374.9	384.0	0.00	2.84	1.42	YES		NO
L0000055	0	0.62500E-02	463413.6	3773381.0	384.0	0.00	2.84	1.42	YES		NO
L0000056	0	0.62500E-02	463413.7	3773387.1	384.0	0.00	2.84	1.42	YES		NO
L0000057	0	0.62500E-02	463413.7	3773393.2	384.2	0.00	2.84	1.42	YES		NO
L0000058	0	0.62500E-02	463413.7	3773399.3	384.4	0.00	2.84	1.42	YES		NO
L0000059	0	0.62500E-02	463413.8	3773405.4	384.6	0.00	2.84	1.42	YES		NO
L0000060	0	0.62500E-02	463413.8	3773411.5	384.8	0.00	2.84	1.42	YES		NO
L0000061	0	0.62500E-02	463413.9	3773417.6	385.0	0.00	2.84	1.42	YES		NO
L0000062	0	0.62500E-02	463413.9	3773423.7	385.0	0.00	2.84	1.42	YES		NO
L0000063	0	0.62500E-02	463413.9	3773429.8	385.0	0.00	2.84	1.42	YES		NO
L0000064	0	0.62500E-02	463414.0	3773435.9	385.0	0.00	2.84	1.42	YES		NO
L0000065	0	0.62500E-02	463414.0	3773442.0	385.0	0.00	2.84	1.42	YES		NO
L0000066	0	0.62500E-02	463414.1	3773448.1	385.0	0.00	2.84	1.42	YES		NO
L0000067	0	0.62500E-02	463414.1	3773454.1	385.0	0.00	2.84	1.42	YES		NO
L0000068	0	0.62500E-02	463414.1	3773460.2	385.0	0.00	2.84	1.42	YES		NO
L0000069	0	0.62500E-02	463414.2	3773466.3	385.0	0.00	2.84	1.42	YES		NO
L0000070	0	0.62500E-02	463414.2	3773472.4	385.0	0.00	2.84	1.42	YES		NO
L0000071	0	0.62500E-02	463414.3	3773478.5	385.1	0.00	2.84	1.42	YES		NO
L0000072	0	0.62500E-02	463414.3	3773484.6	385.3	0.00	2.84	1.42	YES		NO
L0000073	0	0.62500E-02	463414.4	3773490.7	385.5	0.00	2.84	1.42	YES		NO
L0000074	0	0.62500E-02	463414.4	3773496.8	385.7	0.00	2.84	1.42	YES		NO
L0000075	0	0.62500E-02	463414.4	3773502.9	385.9	0.00	2.84	1.42	YES		NO
L0000076	0	0.62500E-02	463414.5	3773509.0	386.0	0.00	2.84	1.42	YES		NO
L0000077	0	0.62500E-02	463414.5	3773515.1	386.0	0.00	2.84	1.42	YES		NO
L0000078	0	0.62500E-02	463414.5	3773521.2	386.0	0.00	2.84	1.42	YES		NO
L0000079	0	0.62500E-02	463414.5	3773527.3	386.0	0.00	2.84	1.42	YES		NO
L0000080	0	0.62500E-02	463414.6	3773533.4	386.0	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000081	0	0.62500E-02	463414.6	3773539.5	386.0	0.00	2.84	1.42	YES		NO
L0000082	0	0.62500E-02	463414.6	3773545.6	386.0	0.00	2.84	1.42	YES		NO
L0000083	0	0.62500E-02	463414.7	3773551.7	386.0	0.00	2.84	1.42	YES		NO
L0000084	0	0.62500E-02	463414.7	3773557.8	386.0	0.00	2.84	1.42	YES		NO
L0000085	0	0.62500E-02	463414.7	3773563.9	386.0	0.00	2.84	1.42	YES		NO
L0000086	0	0.62500E-02	463414.7	3773570.0	386.1	0.00	2.84	1.42	YES		NO
L0000087	0	0.62500E-02	463414.8	3773576.1	386.3	0.00	2.84	1.42	YES		NO
L0000088	0	0.62500E-02	463414.8	3773582.2	386.5	0.00	2.84	1.42	YES		NO
L0000089	0	0.62500E-02	463414.8	3773588.3	386.7	0.00	2.84	1.42	YES		NO
L0000090	0	0.62500E-02	463414.9	3773594.4	386.9	0.00	2.84	1.42	YES		NO
L0000091	0	0.62500E-02	463414.9	3773600.4	387.0	0.00	2.84	1.42	YES		NO
L0000092	0	0.62500E-02	463414.9	3773606.5	387.1	0.00	2.84	1.42	YES		NO
L0000093	0	0.62500E-02	463414.9	3773612.6	387.1	0.00	2.84	1.42	YES		NO
L0000094	0	0.62500E-02	463415.0	3773618.7	387.1	0.00	2.84	1.42	YES		NO
L0000095	0	0.62500E-02	463415.0	3773624.8	387.2	0.00	2.84	1.42	YES		NO
L0000096	0	0.62500E-02	463415.0	3773630.9	387.3	0.00	2.84	1.42	YES		NO
L0000097	0	0.62500E-02	463415.1	3773637.0	387.5	0.00	2.84	1.42	YES		NO
L0000098	0	0.62500E-02	463415.1	3773643.1	387.6	0.00	2.84	1.42	YES		NO
L0000099	0	0.62500E-02	463415.1	3773649.2	387.8	0.00	2.84	1.42	YES		NO
L0000100	0	0.62500E-02	463415.1	3773655.3	388.0	0.00	2.84	1.42	YES		NO
L0000101	0	0.62500E-02	463415.2	3773661.4	388.2	0.00	2.84	1.42	YES		NO
L0000102	0	0.62500E-02	463415.2	3773667.5	388.4	0.00	2.84	1.42	YES		NO
L0000103	0	0.62500E-02	463415.2	3773673.6	388.6	0.00	2.84	1.42	YES		NO
L0000104	0	0.62500E-02	463415.3	3773679.7	388.8	0.00	2.84	1.42	YES		NO
L0000105	0	0.62500E-02	463415.4	3773685.8	389.0	0.00	2.84	1.42	YES		NO
L0000106	0	0.62500E-02	463415.5	3773691.9	389.0	0.00	2.84	1.42	YES		NO
L0000107	0	0.62500E-02	463415.6	3773698.0	389.0	0.00	2.84	1.42	YES		NO
L0000108	0	0.62500E-02	463415.7	3773704.1	389.0	0.00	2.84	1.42	YES		NO
L0000109	0	0.62500E-02	463415.8	3773710.2	389.0	0.00	2.84	1.42	YES		NO
L0000110	0	0.62500E-02	463415.9	3773716.3	389.0	0.00	2.84	1.42	YES		NO
L0000111	0	0.62500E-02	463416.0	3773722.4	389.0	0.00	2.84	1.42	YES		NO
L0000112	0	0.62500E-02	463416.1	3773728.5	389.0	0.00	2.84	1.42	YES		NO
L0000113	0	0.62500E-02	463416.2	3773734.6	389.0	0.00	2.84	1.42	YES		NO
L0000114	0	0.62500E-02	463416.3	3773740.6	389.0	0.00	2.84	1.42	YES		NO
L0000115	0	0.62500E-02	463416.4	3773746.7	389.0	0.00	2.84	1.42	YES		NO
L0000116	0	0.62500E-02	463416.5	3773752.8	389.2	0.00	2.84	1.42	YES		NO
L0000117	0	0.62500E-02	463416.7	3773758.9	389.4	0.00	2.84	1.42	YES		NO
L0000118	0	0.62500E-02	463416.8	3773765.0	389.6	0.00	2.84	1.42	YES		NO
L0000119	0	0.62500E-02	463416.9	3773771.1	389.8	0.00	2.84	1.42	YES		NO
L0000120	0	0.62500E-02	463417.0	3773777.2	390.0	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000121	0	0.62500E-02	463417.1	3773783.3	390.0	0.00	2.84	1.42	YES		NO
L0000122	0	0.62500E-02	463417.2	3773789.4	390.0	0.00	2.84	1.42	YES		NO
L0000123	0	0.62500E-02	463417.3	3773795.5	390.0	0.00	2.84	1.42	YES		NO
L0000124	0	0.62500E-02	463417.4	3773801.6	390.0	0.00	2.84	1.42	YES		NO
L0000125	0	0.62500E-02	463417.5	3773807.7	390.1	0.00	2.84	1.42	YES		NO
L0000126	0	0.62500E-02	463417.6	3773813.8	390.2	0.00	2.84	1.42	YES		NO
L0000127	0	0.62500E-02	463417.7	3773819.9	390.4	0.00	2.84	1.42	YES		NO
L0000128	0	0.62500E-02	463417.8	3773826.0	390.7	0.00	2.84	1.42	YES		NO
L0000129	0	0.62500E-02	463418.0	3773832.1	390.9	0.00	2.84	1.42	YES		NO
L0000130	0	0.62500E-02	463418.1	3773838.2	391.0	0.00	2.84	1.42	YES		NO
L0000131	0	0.62500E-02	463418.2	3773844.3	391.0	0.00	2.84	1.42	YES		NO
L0000132	0	0.62500E-02	463418.3	3773850.4	391.0	0.00	2.84	1.42	YES		NO
L0000133	0	0.62500E-02	463418.4	3773856.5	391.0	0.00	2.84	1.42	YES		NO
L0000134	0	0.62500E-02	463418.5	3773862.5	391.0	0.00	2.84	1.42	YES		NO
L0000135	0	0.62500E-02	463418.6	3773868.6	391.1	0.00	2.84	1.42	YES		NO
L0000136	0	0.62500E-02	463418.6	3773874.7	391.3	0.00	2.84	1.42	YES		NO
L0000137	0	0.62500E-02	463418.5	3773880.8	391.5	0.00	2.84	1.42	YES		NO
L0000138	0	0.62500E-02	463418.4	3773886.9	391.7	0.00	2.84	1.42	YES		NO
L0000139	0	0.62500E-02	463418.3	3773893.0	391.9	0.00	2.84	1.42	YES		NO
L0000140	0	0.62500E-02	463418.2	3773899.1	392.0	0.00	2.84	1.42	YES		NO
L0000141	0	0.62500E-02	463418.1	3773905.2	392.0	0.00	2.84	1.42	YES		NO
L0000142	0	0.62500E-02	463418.0	3773911.3	392.0	0.00	2.84	1.42	YES		NO
L0000143	0	0.62500E-02	463417.9	3773917.4	392.0	0.00	2.84	1.42	YES		NO
L0000144	0	0.62500E-02	463417.8	3773923.5	392.0	0.00	2.84	1.42	YES		NO
L0000145	0	0.62500E-02	463417.7	3773929.6	392.1	0.00	2.84	1.42	YES		NO
L0000146	0	0.62500E-02	463417.6	3773935.7	392.3	0.00	2.84	1.42	YES		NO
L0000147	0	0.62500E-02	463417.5	3773941.8	392.5	0.00	2.84	1.42	YES		NO
L0000148	0	0.62500E-02	463417.4	3773947.9	392.7	0.00	2.84	1.42	YES		NO
L0000149	0	0.62500E-02	463417.3	3773954.0	392.9	0.00	2.84	1.42	YES		NO
L0000150	0	0.62500E-02	463417.2	3773960.1	393.0	0.00	2.84	1.42	YES		NO
L0000151	0	0.62500E-02	463417.1	3773966.2	393.0	0.00	2.84	1.42	YES		NO
L0000152	0	0.62500E-02	463417.0	3773972.3	393.0	0.00	2.84	1.42	YES		NO
L0000153	0	0.62500E-02	463416.9	3773978.4	393.0	0.00	2.84	1.42	YES		NO
L0000154	0	0.62500E-02	463416.8	3773984.4	393.0	0.00	2.84	1.42	YES		NO
L0000155	0	0.62500E-02	463416.7	3773990.5	393.1	0.00	2.84	1.42	YES		NO
L0000156	0	0.62500E-02	463416.6	3773996.6	393.3	0.00	2.84	1.42	YES		NO
L0000157	0	0.62500E-02	463416.5	3774002.7	393.6	0.00	2.84	1.42	YES		NO
L0000158	0	0.62500E-02	463416.4	3774008.8	393.8	0.00	2.84	1.42	YES		NO
L0000159	0	0.62500E-02	463416.3	3774014.9	393.9	0.00	2.84	1.42	YES		NO
L0000160	0	0.62500E-02	463416.2	3774021.0	394.0	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000161	0	0.62500E-02	463416.1	3774027.1	394.0	0.00	2.84	1.42	YES		NO
L0000162	0	0.62500E-02	463416.1	3774033.2	394.0	0.00	2.84	1.42	YES		NO
L0000163	0	0.62500E-02	463416.1	3774039.3	394.0	0.00	2.84	1.42	YES		NO
L0000164	0	0.62500E-02	463416.0	3774045.4	394.0	0.00	2.84	1.42	YES		NO
L0000165	0	0.62500E-02	463416.0	3774051.5	394.2	0.00	2.84	1.42	YES		NO
L0000166	0	0.62500E-02	463416.0	3774057.6	394.4	0.00	2.84	1.42	YES		NO
L0000167	0	0.62500E-02	463416.0	3774063.7	394.6	0.00	2.84	1.42	YES		NO
L0000168	0	0.62500E-02	463415.9	3774069.8	394.8	0.00	2.84	1.42	YES		NO
L0000169	0	0.62500E-02	463415.9	3774075.9	395.0	0.00	2.84	1.42	YES		NO
L0000170	0	0.62500E-02	463415.9	3774082.0	395.0	0.00	2.84	1.42	YES		NO
L0000171	0	0.62500E-02	463415.9	3774088.1	395.0	0.00	2.84	1.42	YES		NO
L0000172	0	0.62500E-02	463415.8	3774094.2	395.0	0.00	2.84	1.42	YES		NO
L0000173	0	0.62500E-02	463415.8	3774100.3	395.0	0.00	2.84	1.42	YES		NO
L0000174	0	0.62500E-02	463415.8	3774106.4	395.0	0.00	2.84	1.42	YES		NO
L0000175	0	0.62500E-02	463415.8	3774112.5	395.2	0.00	2.84	1.42	YES		NO
L0000176	0	0.62500E-02	463415.8	3774118.6	395.4	0.00	2.84	1.42	YES		NO
L0000177	0	0.62500E-02	463415.7	3774124.7	395.6	0.00	2.84	1.42	YES		NO
L0000178	0	0.62500E-02	463415.7	3774130.7	395.8	0.00	2.84	1.42	YES		NO
L0000179	0	0.62500E-02	463415.7	3774136.8	396.0	0.00	2.84	1.42	YES		NO
L0000180	0	0.62500E-02	463415.7	3774142.9	396.0	0.00	2.84	1.42	YES		NO
L0000181	0	0.62500E-02	463415.6	3774149.0	396.0	0.00	2.84	1.42	YES		NO
L0000182	0	0.62500E-02	463415.6	3774155.1	396.0	0.00	2.84	1.42	YES		NO
L0000183	0	0.62500E-02	463415.6	3774161.2	396.0	0.00	2.84	1.42	YES		NO
L0000184	0	0.62500E-02	463415.6	3774167.3	396.0	0.00	2.84	1.42	YES		NO
L0000185	0	0.62500E-02	463415.6	3774173.4	396.0	0.00	2.84	1.42	YES		NO
L0000186	0	0.62500E-02	463415.5	3774179.5	396.1	0.00	2.84	1.42	YES		NO
L0000187	0	0.62500E-02	463415.5	3774185.6	396.1	0.00	2.84	1.42	YES		NO
L0000188	0	0.62500E-02	463415.5	3774191.7	396.1	0.00	2.84	1.42	YES		NO
L0000189	0	0.62500E-02	463415.5	3774197.8	396.2	0.00	2.84	1.42	YES		NO
L0000190	0	0.62500E-02	463415.4	3774203.9	396.4	0.00	2.84	1.42	YES		NO
L0000191	0	0.62500E-02	463415.4	3774210.0	396.5	0.00	2.84	1.42	YES		NO
L0000192	0	0.62500E-02	463415.4	3774216.1	396.7	0.00	2.84	1.42	YES		NO
L0000193	0	0.62500E-02	463415.4	3774222.2	396.9	0.00	2.84	1.42	YES		NO
L0000194	0	0.62500E-02	463415.3	3774228.3	397.0	0.00	2.84	1.42	YES		NO
L0000195	0	0.62500E-02	463415.3	3774234.4	397.0	0.00	2.84	1.42	YES		NO
L0000196	0	0.62500E-02	463415.3	3774240.5	397.0	0.00	2.84	1.42	YES		NO
L0000197	0	0.62500E-02	463415.3	3774246.6	397.0	0.00	2.84	1.42	YES		NO
L0000198	0	0.60976E-02	463426.6	3774245.6	396.9	0.00	2.84	1.42	YES		NO
L0000199	0	0.60976E-02	463426.7	3774239.5	396.9	0.00	2.84	1.42	YES		NO
L0000200	0	0.60976E-02	463426.7	3774233.4	396.8	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000201	0	0.60976E-02	463426.7	3774227.3	396.8	0.00	2.84	1.42	YES		NO
L0000202	0	0.60976E-02	463426.7	3774221.2	396.6	0.00	2.84	1.42	YES		NO
L0000203	0	0.60976E-02	463426.7	3774215.1	396.5	0.00	2.84	1.42	YES		NO
L0000204	0	0.60976E-02	463426.7	3774209.0	396.3	0.00	2.84	1.42	YES		NO
L0000205	0	0.60976E-02	463426.7	3774202.9	396.2	0.00	2.84	1.42	YES		NO
L0000206	0	0.60976E-02	463426.7	3774196.8	396.0	0.00	2.84	1.42	YES		NO
L0000207	0	0.60976E-02	463426.7	3774190.7	396.0	0.00	2.84	1.42	YES		NO
L0000208	0	0.60976E-02	463426.7	3774184.6	396.0	0.00	2.84	1.42	YES		NO
L0000209	0	0.60976E-02	463426.7	3774178.5	396.0	0.00	2.84	1.42	YES		NO
L0000210	0	0.60976E-02	463426.7	3774172.4	396.0	0.00	2.84	1.42	YES		NO
L0000211	0	0.60976E-02	463426.7	3774166.3	396.0	0.00	2.84	1.42	YES		NO
L0000212	0	0.60976E-02	463426.8	3774160.2	395.9	0.00	2.84	1.42	YES		NO
L0000213	0	0.60976E-02	463426.8	3774154.1	395.9	0.00	2.84	1.42	YES		NO
L0000214	0	0.60976E-02	463426.8	3774148.0	395.9	0.00	2.84	1.42	YES		NO
L0000215	0	0.60976E-02	463426.8	3774141.9	395.8	0.00	2.84	1.42	YES		NO
L0000216	0	0.60976E-02	463426.8	3774135.8	395.8	0.00	2.84	1.42	YES		NO
L0000217	0	0.60976E-02	463426.8	3774129.7	395.6	0.00	2.84	1.42	YES		NO
L0000218	0	0.60976E-02	463426.8	3774123.6	395.4	0.00	2.84	1.42	YES		NO
L0000219	0	0.60976E-02	463426.8	3774117.6	395.3	0.00	2.84	1.42	YES		NO
L0000220	0	0.60976E-02	463426.8	3774111.5	395.1	0.00	2.84	1.42	YES		NO
L0000221	0	0.60976E-02	463426.8	3774105.4	395.0	0.00	2.84	1.42	YES		NO
L0000222	0	0.60976E-02	463426.8	3774099.3	394.9	0.00	2.84	1.42	YES		NO
L0000223	0	0.60976E-02	463426.8	3774093.2	394.9	0.00	2.84	1.42	YES		NO
L0000224	0	0.60976E-02	463426.8	3774087.1	394.9	0.00	2.84	1.42	YES		NO
L0000225	0	0.60976E-02	463426.8	3774081.0	394.8	0.00	2.84	1.42	YES		NO
L0000226	0	0.60976E-02	463426.9	3774074.9	394.7	0.00	2.84	1.42	YES		NO
L0000227	0	0.60976E-02	463426.9	3774068.8	394.6	0.00	2.84	1.42	YES		NO
L0000228	0	0.60976E-02	463426.9	3774062.7	394.4	0.00	2.84	1.42	YES		NO
L0000229	0	0.60976E-02	463426.9	3774056.6	394.3	0.00	2.84	1.42	YES		NO
L0000230	0	0.60976E-02	463426.9	3774050.5	394.1	0.00	2.84	1.42	YES		NO
L0000231	0	0.60976E-02	463426.9	3774044.4	394.0	0.00	2.84	1.42	YES		NO
L0000232	0	0.60976E-02	463426.9	3774038.3	393.9	0.00	2.84	1.42	YES		NO
L0000233	0	0.60976E-02	463426.9	3774032.2	393.9	0.00	2.84	1.42	YES		NO
L0000234	0	0.60976E-02	463426.9	3774026.1	393.8	0.00	2.84	1.42	YES		NO
L0000235	0	0.60976E-02	463426.9	3774020.0	393.8	0.00	2.84	1.42	YES		NO
L0000236	0	0.60976E-02	463426.9	3774013.9	393.7	0.00	2.84	1.42	YES		NO
L0000237	0	0.60976E-02	463426.9	3774007.8	393.5	0.00	2.84	1.42	YES		NO
L0000238	0	0.60976E-02	463426.9	3774001.7	393.4	0.00	2.84	1.42	YES		NO
L0000239	0	0.60976E-02	463427.0	3773995.6	393.2	0.00	2.84	1.42	YES		NO
L0000240	0	0.60976E-02	463427.0	3773989.5	393.1	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000241	0	0.60976E-02	463426.9	3773983.4	393.0	0.00	2.84	1.42	YES		NO
L0000242	0	0.60976E-02	463426.9	3773977.3	393.0	0.00	2.84	1.42	YES		NO
L0000243	0	0.60976E-02	463426.9	3773971.2	393.0	0.00	2.84	1.42	YES		NO
L0000244	0	0.60976E-02	463426.8	3773965.2	393.0	0.00	2.84	1.42	YES		NO
L0000245	0	0.60976E-02	463426.8	3773959.1	393.0	0.00	2.84	1.42	YES		NO
L0000246	0	0.60976E-02	463426.8	3773953.0	392.9	0.00	2.84	1.42	YES		NO
L0000247	0	0.60976E-02	463426.8	3773946.9	392.7	0.00	2.84	1.42	YES		NO
L0000248	0	0.60976E-02	463426.7	3773940.8	392.5	0.00	2.84	1.42	YES		NO
L0000249	0	0.60976E-02	463426.7	3773934.7	392.3	0.00	2.84	1.42	YES		NO
L0000250	0	0.60976E-02	463426.7	3773928.6	392.1	0.00	2.84	1.42	YES		NO
L0000251	0	0.60976E-02	463426.6	3773922.5	392.0	0.00	2.84	1.42	YES		NO
L0000252	0	0.60976E-02	463426.6	3773916.4	392.0	0.00	2.84	1.42	YES		NO
L0000253	0	0.60976E-02	463426.6	3773910.3	392.0	0.00	2.84	1.42	YES		NO
L0000254	0	0.60976E-02	463426.5	3773904.2	392.0	0.00	2.84	1.42	YES		NO
L0000255	0	0.60976E-02	463426.5	3773898.1	392.0	0.00	2.84	1.42	YES		NO
L0000256	0	0.60976E-02	463426.5	3773892.0	391.9	0.00	2.84	1.42	YES		NO
L0000257	0	0.60976E-02	463426.4	3773885.9	391.7	0.00	2.84	1.42	YES		NO
L0000258	0	0.60976E-02	463426.4	3773879.8	391.4	0.00	2.84	1.42	YES		NO
L0000259	0	0.60976E-02	463426.4	3773873.7	391.2	0.00	2.84	1.42	YES		NO
L0000260	0	0.60976E-02	463426.3	3773867.6	391.0	0.00	2.84	1.42	YES		NO
L0000261	0	0.60976E-02	463426.3	3773861.5	391.0	0.00	2.84	1.42	YES		NO
L0000262	0	0.60976E-02	463426.3	3773855.4	391.0	0.00	2.84	1.42	YES		NO
L0000263	0	0.60976E-02	463426.2	3773849.3	391.0	0.00	2.84	1.42	YES		NO
L0000264	0	0.60976E-02	463426.2	3773843.2	391.0	0.00	2.84	1.42	YES		NO
L0000265	0	0.60976E-02	463426.2	3773837.1	391.0	0.00	2.84	1.42	YES		NO
L0000266	0	0.60976E-02	463426.1	3773831.0	390.8	0.00	2.84	1.42	YES		NO
L0000267	0	0.60976E-02	463426.1	3773824.9	390.6	0.00	2.84	1.42	YES		NO
L0000268	0	0.60976E-02	463426.1	3773818.9	390.4	0.00	2.84	1.42	YES		NO
L0000269	0	0.60976E-02	463426.0	3773812.8	390.2	0.00	2.84	1.42	YES		NO
L0000270	0	0.60976E-02	463426.0	3773806.7	390.0	0.00	2.84	1.42	YES		NO
L0000271	0	0.60976E-02	463426.0	3773800.6	390.0	0.00	2.84	1.42	YES		NO
L0000272	0	0.60976E-02	463425.9	3773794.5	390.0	0.00	2.84	1.42	YES		NO
L0000273	0	0.60976E-02	463425.9	3773788.4	390.0	0.00	2.84	1.42	YES		NO
L0000274	0	0.60976E-02	463425.9	3773782.3	390.0	0.00	2.84	1.42	YES		NO
L0000275	0	0.60976E-02	463425.8	3773776.2	390.0	0.00	2.84	1.42	YES		NO
L0000276	0	0.60976E-02	463425.8	3773770.1	389.8	0.00	2.84	1.42	YES		NO
L0000277	0	0.60976E-02	463425.8	3773764.0	389.6	0.00	2.84	1.42	YES		NO
L0000278	0	0.60976E-02	463425.8	3773757.9	389.4	0.00	2.84	1.42	YES		NO
L0000279	0	0.60976E-02	463425.7	3773751.8	389.2	0.00	2.84	1.42	YES		NO
L0000280	0	0.60976E-02	463425.7	3773745.7	389.0	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000281	0	0.60976E-02	463425.7	3773739.6	389.0	0.00	2.84	1.42	YES		NO
L0000282	0	0.60976E-02	463425.7	3773733.5	389.0	0.00	2.84	1.42	YES		NO
L0000283	0	0.60976E-02	463425.7	3773727.4	389.0	0.00	2.84	1.42	YES		NO
L0000284	0	0.60976E-02	463425.6	3773721.3	389.0	0.00	2.84	1.42	YES		NO
L0000285	0	0.60976E-02	463425.6	3773715.2	389.0	0.00	2.84	1.42	YES		NO
L0000286	0	0.60976E-02	463425.6	3773709.1	388.9	0.00	2.84	1.42	YES		NO
L0000287	0	0.60976E-02	463425.6	3773703.0	388.9	0.00	2.84	1.42	YES		NO
L0000288	0	0.60976E-02	463425.6	3773696.9	388.9	0.00	2.84	1.42	YES		NO
L0000289	0	0.60976E-02	463425.6	3773690.8	388.8	0.00	2.84	1.42	YES		NO
L0000290	0	0.60976E-02	463425.6	3773684.7	388.8	0.00	2.84	1.42	YES		NO
L0000291	0	0.60976E-02	463425.6	3773678.6	388.6	0.00	2.84	1.42	YES		NO
L0000292	0	0.60976E-02	463425.6	3773672.5	388.4	0.00	2.84	1.42	YES		NO
L0000293	0	0.60976E-02	463425.6	3773666.5	388.3	0.00	2.84	1.42	YES		NO
L0000294	0	0.60976E-02	463425.6	3773660.4	388.1	0.00	2.84	1.42	YES		NO
L0000295	0	0.60976E-02	463425.6	3773654.3	387.9	0.00	2.84	1.42	YES		NO
L0000296	0	0.60976E-02	463425.5	3773648.2	387.7	0.00	2.84	1.42	YES		NO
L0000297	0	0.60976E-02	463425.5	3773642.1	387.5	0.00	2.84	1.42	YES		NO
L0000298	0	0.60976E-02	463425.5	3773636.0	387.3	0.00	2.84	1.42	YES		NO
L0000299	0	0.60976E-02	463425.5	3773629.9	387.1	0.00	2.84	1.42	YES		NO
L0000300	0	0.60976E-02	463425.5	3773623.8	387.0	0.00	2.84	1.42	YES		NO
L0000301	0	0.60976E-02	463425.5	3773617.7	387.0	0.00	2.84	1.42	YES		NO
L0000302	0	0.60976E-02	463425.5	3773611.6	387.0	0.00	2.84	1.42	YES		NO
L0000303	0	0.60976E-02	463425.5	3773605.5	387.0	0.00	2.84	1.42	YES		NO
L0000304	0	0.60976E-02	463425.5	3773599.4	387.0	0.00	2.84	1.42	YES		NO
L0000305	0	0.60976E-02	463425.5	3773593.3	386.9	0.00	2.84	1.42	YES		NO
L0000306	0	0.60976E-02	463425.5	3773587.2	386.7	0.00	2.84	1.42	YES		NO
L0000307	0	0.60976E-02	463425.5	3773581.1	386.5	0.00	2.84	1.42	YES		NO
L0000308	0	0.60976E-02	463425.4	3773575.0	386.3	0.00	2.84	1.42	YES		NO
L0000309	0	0.60976E-02	463425.4	3773568.9	386.1	0.00	2.84	1.42	YES		NO
L0000310	0	0.60976E-02	463425.4	3773562.8	386.0	0.00	2.84	1.42	YES		NO
L0000311	0	0.60976E-02	463425.4	3773556.7	385.9	0.00	2.84	1.42	YES		NO
L0000312	0	0.60976E-02	463425.4	3773550.6	385.9	0.00	2.84	1.42	YES		NO
L0000313	0	0.60976E-02	463425.4	3773544.5	385.9	0.00	2.84	1.42	YES		NO
L0000314	0	0.60976E-02	463425.4	3773538.4	385.8	0.00	2.84	1.42	YES		NO
L0000315	0	0.60976E-02	463425.4	3773532.3	385.8	0.00	2.84	1.42	YES		NO
L0000316	0	0.60976E-02	463425.4	3773526.2	385.8	0.00	2.84	1.42	YES		NO
L0000317	0	0.60976E-02	463425.4	3773520.1	385.8	0.00	2.84	1.42	YES		NO
L0000318	0	0.60976E-02	463425.4	3773514.1	385.8	0.00	2.84	1.42	YES		NO
L0000319	0	0.60976E-02	463425.3	3773508.0	385.8	0.00	2.84	1.42	YES		NO
L0000320	0	0.60976E-02	463425.3	3773501.9	385.7	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000321	0	0.60976E-02	463425.3	3773495.8	385.5	0.00	2.84	1.42	YES		NO
L0000322	0	0.60976E-02	463425.3	3773489.7	385.4	0.00	2.84	1.42	YES		NO
L0000323	0	0.60976E-02	463425.3	3773483.6	385.2	0.00	2.84	1.42	YES		NO
L0000324	0	0.60976E-02	463425.3	3773477.5	385.0	0.00	2.84	1.42	YES		NO
L0000325	0	0.60976E-02	463425.3	3773471.4	385.0	0.00	2.84	1.42	YES		NO
L0000326	0	0.60976E-02	463425.3	3773465.3	385.0	0.00	2.84	1.42	YES		NO
L0000327	0	0.60976E-02	463425.3	3773459.2	385.0	0.00	2.84	1.42	YES		NO
L0000328	0	0.60976E-02	463425.3	3773453.1	385.0	0.00	2.84	1.42	YES		NO
L0000329	0	0.60976E-02	463425.3	3773447.0	385.0	0.00	2.84	1.42	YES		NO
L0000330	0	0.60976E-02	463425.3	3773440.9	385.0	0.00	2.84	1.42	YES		NO
L0000331	0	0.60976E-02	463425.2	3773434.8	384.9	0.00	2.84	1.42	YES		NO
L0000332	0	0.60976E-02	463425.2	3773428.7	384.9	0.00	2.84	1.42	YES		NO
L0000333	0	0.60976E-02	463425.2	3773422.6	384.9	0.00	2.84	1.42	YES		NO
L0000334	0	0.60976E-02	463425.2	3773416.5	384.8	0.00	2.84	1.42	YES		NO
L0000335	0	0.60976E-02	463425.2	3773410.4	384.7	0.00	2.84	1.42	YES		NO
L0000336	0	0.60976E-02	463425.2	3773404.3	384.5	0.00	2.84	1.42	YES		NO
L0000337	0	0.60976E-02	463425.2	3773398.2	384.3	0.00	2.84	1.42	YES		NO
L0000338	0	0.60976E-02	463425.2	3773392.1	384.2	0.00	2.84	1.42	YES		NO
L0000339	0	0.60976E-02	463425.2	3773386.0	384.0	0.00	2.84	1.42	YES		NO
L0000340	0	0.60976E-02	463425.2	3773379.9	384.0	0.00	2.84	1.42	YES		NO
L0000341	0	0.60976E-02	463425.2	3773373.8	384.0	0.00	2.84	1.42	YES		NO
L0000342	0	0.60976E-02	463425.2	3773367.8	384.0	0.00	2.84	1.42	YES		NO
L0000343	0	0.60976E-02	463425.1	3773361.7	384.0	0.00	2.84	1.42	YES		NO
L0000344	0	0.60976E-02	463425.1	3773355.6	384.0	0.00	2.84	1.42	YES		NO
L0000345	0	0.60976E-02	463425.1	3773349.5	383.8	0.00	2.84	1.42	YES		NO
L0000346	0	0.60976E-02	463425.1	3773343.4	383.6	0.00	2.84	1.42	YES		NO
L0000347	0	0.60976E-02	463425.1	3773337.3	383.4	0.00	2.84	1.42	YES		NO
L0000348	0	0.60976E-02	463425.1	3773331.2	383.2	0.00	2.84	1.42	YES		NO
L0000349	0	0.60976E-02	463425.1	3773325.1	383.0	0.00	2.84	1.42	YES		NO
L0000350	0	0.60976E-02	463425.1	3773319.0	383.0	0.00	2.84	1.42	YES		NO
L0000351	0	0.60976E-02	463425.1	3773312.9	383.0	0.00	2.84	1.42	YES		NO
L0000352	0	0.60976E-02	463425.1	3773306.8	383.0	0.00	2.84	1.42	YES		NO
L0000353	0	0.60976E-02	463425.1	3773300.7	383.0	0.00	2.84	1.42	YES		NO
L0000354	0	0.60976E-02	463425.1	3773294.6	382.9	0.00	2.84	1.42	YES		NO
L0000355	0	0.60976E-02	463425.0	3773288.5	382.7	0.00	2.84	1.42	YES		NO
L0000356	0	0.60976E-02	463423.9	3773282.5	382.5	0.00	2.84	1.42	YES		NO
L0000703	0	0.60976E-02	463422.7	3773276.5	382.3	0.00	2.84	1.42	YES		NO
L0000704	0	0.60976E-02	463421.6	3773270.5	382.1	0.00	2.84	1.42	YES		NO
L0000705	0	0.60976E-02	463420.5	3773264.5	382.0	0.00	2.84	1.42	YES		NO
L0000706	0	0.60976E-02	463415.4	3773262.4	382.1	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000707	0	0.60976E-02	463409.4	3773261.2	382.3	0.00	2.84	1.42	YES		NO
L0000357	0	0.58480E-02	463412.7	3773245.3	382.1	0.00	2.84	1.42	YES		NO
L0000358	0	0.58480E-02	463412.7	3773239.2	382.0	0.00	2.84	1.42	YES		NO
L0000359	0	0.58480E-02	463412.7	3773233.1	381.9	0.00	2.84	1.42	YES		NO
L0000360	0	0.58480E-02	463412.7	3773227.0	381.8	0.00	2.84	1.42	YES		NO
L0000361	0	0.58480E-02	463412.7	3773220.9	381.6	0.00	2.84	1.42	YES		NO
L0000362	0	0.58480E-02	463412.8	3773214.9	381.4	0.00	2.84	1.42	YES		NO
L0000363	0	0.58480E-02	463412.8	3773208.8	381.3	0.00	2.84	1.42	YES		NO
L0000364	0	0.58480E-02	463412.8	3773202.7	381.2	0.00	2.84	1.42	YES		NO
L0000365	0	0.58480E-02	463412.8	3773196.6	381.2	0.00	2.84	1.42	YES		NO
L0000366	0	0.58480E-02	463412.8	3773190.5	381.1	0.00	2.84	1.42	YES		NO
L0000367	0	0.58480E-02	463412.9	3773184.4	381.1	0.00	2.84	1.42	YES		NO
L0000368	0	0.58480E-02	463412.9	3773178.3	381.0	0.00	2.84	1.42	YES		NO
L0000369	0	0.58480E-02	463412.9	3773172.2	380.9	0.00	2.84	1.42	YES		NO
L0000370	0	0.58480E-02	463412.9	3773166.1	380.7	0.00	2.84	1.42	YES		NO
L0000371	0	0.58480E-02	463412.9	3773160.0	380.6	0.00	2.84	1.42	YES		NO
L0000372	0	0.58480E-02	463412.9	3773153.9	380.4	0.00	2.84	1.42	YES		NO
L0000373	0	0.58480E-02	463413.0	3773147.8	380.3	0.00	2.84	1.42	YES		NO
L0000374	0	0.58480E-02	463413.0	3773141.7	380.2	0.00	2.84	1.42	YES		NO
L0000375	0	0.58480E-02	463413.0	3773135.6	380.1	0.00	2.84	1.42	YES		NO
L0000376	0	0.58480E-02	463413.0	3773129.5	380.1	0.00	2.84	1.42	YES		NO
L0000377	0	0.58480E-02	463413.0	3773123.4	380.1	0.00	2.84	1.42	YES		NO
L0000378	0	0.58480E-02	463413.0	3773117.3	380.0	0.00	2.84	1.42	YES		NO
L0000379	0	0.58480E-02	463413.1	3773111.2	379.9	0.00	2.84	1.42	YES		NO
L0000380	0	0.58480E-02	463413.1	3773105.1	379.7	0.00	2.84	1.42	YES		NO
L0000381	0	0.58480E-02	463413.1	3773099.0	379.6	0.00	2.84	1.42	YES		NO
L0000382	0	0.58480E-02	463413.1	3773092.9	379.4	0.00	2.84	1.42	YES		NO
L0000383	0	0.58480E-02	463413.1	3773086.8	379.2	0.00	2.84	1.42	YES		NO
L0000384	0	0.58480E-02	463413.1	3773080.7	379.2	0.00	2.84	1.42	YES		NO
L0000385	0	0.58480E-02	463413.2	3773074.6	379.1	0.00	2.84	1.42	YES		NO
L0000386	0	0.58480E-02	463413.2	3773068.5	379.1	0.00	2.84	1.42	YES		NO
L0000387	0	0.58480E-02	463413.2	3773062.5	379.0	0.00	2.84	1.42	YES		NO
L0000388	0	0.58480E-02	463413.2	3773056.4	379.0	0.00	2.84	1.42	YES		NO
L0000389	0	0.58480E-02	463413.2	3773050.3	379.0	0.00	2.84	1.42	YES		NO
L0000390	0	0.58480E-02	463413.2	3773044.2	379.0	0.00	2.84	1.42	YES		NO
L0000391	0	0.58480E-02	463413.3	3773038.1	379.0	0.00	2.84	1.42	YES		NO
L0000392	0	0.58480E-02	463413.3	3773032.0	379.0	0.00	2.84	1.42	YES		NO
L0000393	0	0.58480E-02	463413.3	3773025.9	379.0	0.00	2.84	1.42	YES		NO
L0000394	0	0.58480E-02	463413.3	3773019.8	378.8	0.00	2.84	1.42	YES		NO
L0000395	0	0.58480E-02	463413.3	3773013.7	378.6	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000396	0	0.58480E-02	463413.3	3773007.6	378.4	0.00	2.84	1.42	YES		NO
L0000397	0	0.58480E-02	463413.4	3773001.5	378.2	0.00	2.84	1.42	YES		NO
L0000398	0	0.58480E-02	463413.4	3772995.4	378.0	0.00	2.84	1.42	YES		NO
L0000399	0	0.58480E-02	463413.4	3772989.3	378.0	0.00	2.84	1.42	YES		NO
L0000400	0	0.58480E-02	463413.4	3772983.2	378.0	0.00	2.84	1.42	YES		NO
L0000401	0	0.58480E-02	463413.4	3772977.1	378.0	0.00	2.84	1.42	YES		NO
L0000402	0	0.58480E-02	463413.5	3772971.0	378.0	0.00	2.84	1.42	YES		NO
L0000403	0	0.58480E-02	463413.5	3772964.9	377.9	0.00	2.84	1.42	YES		NO
L0000404	0	0.58480E-02	463413.5	3772958.8	377.8	0.00	2.84	1.42	YES		NO
L0000405	0	0.58480E-02	463413.5	3772952.7	377.6	0.00	2.84	1.42	YES		NO
L0000406	0	0.58480E-02	463413.5	3772946.6	377.3	0.00	2.84	1.42	YES		NO
L0000407	0	0.58480E-02	463413.5	3772940.5	377.1	0.00	2.84	1.42	YES		NO
L0000408	0	0.58480E-02	463413.6	3772934.4	377.0	0.00	2.84	1.42	YES		NO
L0000409	0	0.58480E-02	463413.6	3772928.3	377.0	0.00	2.84	1.42	YES		NO
L0000410	0	0.58480E-02	463413.6	3772922.2	377.0	0.00	2.84	1.42	YES		NO
L0000411	0	0.58480E-02	463413.6	3772916.2	377.0	0.00	2.84	1.42	YES		NO
L0000412	0	0.58480E-02	463413.6	3772910.1	377.0	0.00	2.84	1.42	YES		NO
L0000413	0	0.58480E-02	463413.6	3772904.0	376.9	0.00	2.84	1.42	YES		NO
L0000414	0	0.58480E-02	463413.7	3772897.9	376.7	0.00	2.84	1.42	YES		NO
L0000415	0	0.58480E-02	463413.7	3772891.8	376.5	0.00	2.84	1.42	YES		NO
L0000416	0	0.58480E-02	463413.7	3772885.7	376.3	0.00	2.84	1.42	YES		NO
L0000417	0	0.58480E-02	463413.7	3772879.6	376.1	0.00	2.84	1.42	YES		NO
L0000418	0	0.58480E-02	463413.7	3772873.5	376.0	0.00	2.84	1.42	YES		NO
L0000419	0	0.58480E-02	463413.7	3772867.4	376.0	0.00	2.84	1.42	YES		NO
L0000420	0	0.58480E-02	463413.8	3772861.3	376.0	0.00	2.84	1.42	YES		NO
L0000421	0	0.58480E-02	463413.8	3772855.2	376.0	0.00	2.84	1.42	YES		NO
L0000422	0	0.58480E-02	463413.8	3772849.1	376.0	0.00	2.84	1.42	YES		NO
L0000423	0	0.58480E-02	463413.8	3772843.0	375.9	0.00	2.84	1.42	YES		NO
L0000424	0	0.58480E-02	463413.8	3772836.9	375.7	0.00	2.84	1.42	YES		NO
L0000425	0	0.58480E-02	463413.8	3772830.8	375.5	0.00	2.84	1.42	YES		NO
L0000426	0	0.58480E-02	463413.9	3772824.7	375.3	0.00	2.84	1.42	YES		NO
L0000427	0	0.58480E-02	463413.9	3772818.6	375.1	0.00	2.84	1.42	YES		NO
L0000428	0	0.58480E-02	463413.9	3772812.5	375.0	0.00	2.84	1.42	YES		NO
L0000429	0	0.58480E-02	463413.9	3772806.4	375.0	0.00	2.84	1.42	YES		NO
L0000430	0	0.58480E-02	463413.9	3772800.3	375.0	0.00	2.84	1.42	YES		NO
L0000431	0	0.58480E-02	463413.9	3772794.2	375.0	0.00	2.84	1.42	YES		NO
L0000432	0	0.58480E-02	463413.9	3772788.1	375.0	0.00	2.84	1.42	YES		NO
L0000433	0	0.58480E-02	463413.9	3772782.0	374.9	0.00	2.84	1.42	YES		NO
L0000434	0	0.58480E-02	463413.8	3772775.9	374.7	0.00	2.84	1.42	YES		NO
L0000435	0	0.58480E-02	463413.8	3772769.8	374.4	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000436	0	0.58480E-02	463413.8	3772763.8	374.2	0.00	2.84	1.42	YES		NO
L0000437	0	0.58480E-02	463413.8	3772757.7	374.0	0.00	2.84	1.42	YES		NO
L0000438	0	0.58480E-02	463413.8	3772751.6	374.0	0.00	2.84	1.42	YES		NO
L0000439	0	0.58480E-02	463413.8	3772745.5	374.0	0.00	2.84	1.42	YES		NO
L0000440	0	0.58480E-02	463413.8	3772739.4	374.0	0.00	2.84	1.42	YES		NO
L0000441	0	0.58480E-02	463413.8	3772733.3	374.0	0.00	2.84	1.42	YES		NO
L0000442	0	0.58480E-02	463413.7	3772727.2	374.0	0.00	2.84	1.42	YES		NO
L0000443	0	0.58480E-02	463413.7	3772721.1	373.8	0.00	2.84	1.42	YES		NO
L0000444	0	0.58480E-02	463413.7	3772715.0	373.6	0.00	2.84	1.42	YES		NO
L0000445	0	0.58480E-02	463413.7	3772708.9	373.4	0.00	2.84	1.42	YES		NO
L0000446	0	0.58480E-02	463413.7	3772702.8	373.2	0.00	2.84	1.42	YES		NO
L0000447	0	0.58480E-02	463413.7	3772696.7	373.0	0.00	2.84	1.42	YES		NO
L0000448	0	0.58480E-02	463413.7	3772690.6	373.0	0.00	2.84	1.42	YES		NO
L0000449	0	0.58480E-02	463413.7	3772684.5	373.0	0.00	2.84	1.42	YES		NO
L0000450	0	0.58480E-02	463413.6	3772678.4	373.0	0.00	2.84	1.42	YES		NO
L0000451	0	0.58480E-02	463413.6	3772672.3	373.0	0.00	2.84	1.42	YES		NO
L0000452	0	0.58480E-02	463413.6	3772666.2	373.0	0.00	2.84	1.42	YES		NO
L0000453	0	0.58480E-02	463413.6	3772660.1	372.8	0.00	2.84	1.42	YES		NO
L0000454	0	0.58480E-02	463413.6	3772654.0	372.6	0.00	2.84	1.42	YES		NO
L0000455	0	0.58480E-02	463413.6	3772647.9	372.4	0.00	2.84	1.42	YES		NO
L0000456	0	0.58480E-02	463413.6	3772641.8	372.2	0.00	2.84	1.42	YES		NO
L0000457	0	0.58480E-02	463413.6	3772635.7	372.0	0.00	2.84	1.42	YES		NO
L0000458	0	0.58480E-02	463413.5	3772629.6	372.0	0.00	2.84	1.42	YES		NO
L0000459	0	0.58480E-02	463413.5	3772623.5	372.0	0.00	2.84	1.42	YES		NO
L0000460	0	0.58480E-02	463413.5	3772617.4	372.0	0.00	2.84	1.42	YES		NO
L0000461	0	0.58480E-02	463413.5	3772611.4	372.0	0.00	2.84	1.42	YES		NO
L0000462	0	0.58480E-02	463413.5	3772605.3	372.0	0.00	2.84	1.42	YES		NO
L0000463	0	0.58480E-02	463413.5	3772599.2	371.8	0.00	2.84	1.42	YES		NO
L0000464	0	0.58480E-02	463413.5	3772593.1	371.6	0.00	2.84	1.42	YES		NO
L0000465	0	0.58480E-02	463413.5	3772587.0	371.4	0.00	2.84	1.42	YES		NO
L0000466	0	0.58480E-02	463413.4	3772580.9	371.2	0.00	2.84	1.42	YES		NO
L0000467	0	0.58480E-02	463413.4	3772574.8	371.0	0.00	2.84	1.42	YES		NO
L0000468	0	0.58480E-02	463413.4	3772568.7	371.0	0.00	2.84	1.42	YES		NO
L0000469	0	0.58480E-02	463413.4	3772562.6	371.0	0.00	2.84	1.42	YES		NO
L0000470	0	0.58480E-02	463413.4	3772556.5	371.0	0.00	2.84	1.42	YES		NO
L0000471	0	0.58480E-02	463413.4	3772550.4	371.0	0.00	2.84	1.42	YES		NO
L0000472	0	0.58480E-02	463413.4	3772544.3	371.0	0.00	2.84	1.42	YES		NO
L0000473	0	0.58480E-02	463413.4	3772538.2	371.0	0.00	2.84	1.42	YES		NO
L0000474	0	0.58480E-02	463413.3	3772532.1	371.0	0.00	2.84	1.42	YES		NO
L0000475	0	0.58480E-02	463413.3	3772526.0	371.0	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000476	0	0.58480E-02	463413.3	3772519.9	371.0	0.00	2.84	1.42	YES		NO
L0000477	0	0.58480E-02	463413.3	3772513.8	370.9	0.00	2.84	1.42	YES		NO
L0000478	0	0.58480E-02	463413.3	3772507.7	370.7	0.00	2.84	1.42	YES		NO
L0000479	0	0.58480E-02	463413.3	3772501.6	370.5	0.00	2.84	1.42	YES		NO
L0000480	0	0.58480E-02	463413.3	3772495.5	370.3	0.00	2.84	1.42	YES		NO
L0000481	0	0.58480E-02	463413.3	3772489.4	370.1	0.00	2.84	1.42	YES		NO
L0000482	0	0.58480E-02	463413.2	3772483.3	370.0	0.00	2.84	1.42	YES		NO
L0000483	0	0.58480E-02	463413.2	3772477.2	370.0	0.00	2.84	1.42	YES		NO
L0000484	0	0.58480E-02	463413.2	3772471.1	370.0	0.00	2.84	1.42	YES		NO
L0000485	0	0.58480E-02	463413.2	3772465.0	370.0	0.00	2.84	1.42	YES		NO
L0000486	0	0.58480E-02	463413.2	3772459.0	370.0	0.00	2.84	1.42	YES		NO
L0000487	0	0.58480E-02	463413.2	3772452.9	369.9	0.00	2.84	1.42	YES		NO
L0000488	0	0.58480E-02	463413.2	3772446.8	369.7	0.00	2.84	1.42	YES		NO
L0000489	0	0.58480E-02	463413.2	3772440.7	369.5	0.00	2.84	1.42	YES		NO
L0000490	0	0.58480E-02	463413.1	3772434.6	369.3	0.00	2.84	1.42	YES		NO
L0000491	0	0.58480E-02	463413.1	3772428.5	369.1	0.00	2.84	1.42	YES		NO
L0000492	0	0.58480E-02	463413.1	3772422.4	368.9	0.00	2.84	1.42	YES		NO
L0000493	0	0.58480E-02	463413.1	3772416.3	368.7	0.00	2.84	1.42	YES		NO
L0000494	0	0.58480E-02	463413.1	3772410.2	368.5	0.00	2.84	1.42	YES		NO
L0000495	0	0.58480E-02	463413.1	3772404.1	368.3	0.00	2.84	1.42	YES		NO
L0000496	0	0.58480E-02	463413.1	3772398.0	368.1	0.00	2.84	1.42	YES		NO
L0000497	0	0.58480E-02	463413.1	3772391.9	368.0	0.00	2.84	1.42	YES		NO
L0000498	0	0.58480E-02	463413.0	3772385.8	368.0	0.00	2.84	1.42	YES		NO
L0000499	0	0.58480E-02	463413.0	3772379.7	368.0	0.00	2.84	1.42	YES		NO
L0000500	0	0.58480E-02	463413.0	3772373.6	368.0	0.00	2.84	1.42	YES		NO
L0000501	0	0.58480E-02	463413.0	3772367.5	368.0	0.00	2.84	1.42	YES		NO
L0000502	0	0.58480E-02	463413.0	3772361.4	367.8	0.00	2.84	1.42	YES		NO
L0000503	0	0.58480E-02	463413.0	3772355.3	367.6	0.00	2.84	1.42	YES		NO
L0000504	0	0.58480E-02	463413.0	3772349.2	367.4	0.00	2.84	1.42	YES		NO
L0000505	0	0.58480E-02	463413.0	3772343.1	367.2	0.00	2.84	1.42	YES		NO
L0000506	0	0.58480E-02	463412.9	3772337.0	367.0	0.00	2.84	1.42	YES		NO
L0000507	0	0.58480E-02	463412.9	3772330.9	367.0	0.00	2.84	1.42	YES		NO
L0000508	0	0.58480E-02	463412.9	3772324.8	367.0	0.00	2.84	1.42	YES		NO
L0000509	0	0.58480E-02	463412.9	3772318.7	367.0	0.00	2.84	1.42	YES		NO
L0000510	0	0.58480E-02	463412.9	3772312.6	367.0	0.00	2.84	1.42	YES		NO
L0000511	0	0.58480E-02	463412.9	3772306.6	367.0	0.00	2.84	1.42	YES		NO
L0000512	0	0.58480E-02	463412.9	3772300.5	366.8	0.00	2.84	1.42	YES		NO
L0000513	0	0.58480E-02	463412.9	3772294.4	366.6	0.00	2.84	1.42	YES		NO
L0000514	0	0.58480E-02	463412.8	3772288.3	366.4	0.00	2.84	1.42	YES		NO
L0000515	0	0.58480E-02	463412.8	3772282.2	366.2	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000516	0	0.58480E-02	463412.8	3772276.1	366.0	0.00	2.84	1.42	YES		NO
L0000517	0	0.58480E-02	463412.8	3772270.0	366.0	0.00	2.84	1.42	YES		NO
L0000518	0	0.58480E-02	463412.8	3772263.9	366.0	0.00	2.84	1.42	YES		NO
L0000519	0	0.58480E-02	463412.8	3772257.8	366.0	0.00	2.84	1.42	YES		NO
L0000520	0	0.58480E-02	463412.8	3772251.7	366.0	0.00	2.84	1.42	YES		NO
L0000521	0	0.58480E-02	463412.8	3772245.6	366.0	0.00	2.84	1.42	YES		NO
L0000522	0	0.58480E-02	463412.7	3772239.5	365.8	0.00	2.84	1.42	YES		NO
L0000523	0	0.58480E-02	463412.7	3772233.4	365.7	0.00	2.84	1.42	YES		NO
L0000524	0	0.58480E-02	463412.7	3772227.3	365.5	0.00	2.84	1.42	YES		NO
L0000525	0	0.58480E-02	463412.7	3772221.2	365.4	0.00	2.84	1.42	YES		NO
L0000526	0	0.58480E-02	463412.7	3772215.1	365.2	0.00	2.84	1.42	YES		NO
L0000527	0	0.58480E-02	463412.7	3772209.0	365.2	0.00	2.84	1.42	YES		NO
L0000528	0	0.57143E-02	463423.8	3772210.8	365.0	0.00	2.84	1.42	YES		NO
L0000529	0	0.57143E-02	463423.8	3772216.9	365.0	0.00	2.84	1.42	YES		NO
L0000530	0	0.57143E-02	463423.8	3772223.0	365.2	0.00	2.84	1.42	YES		NO
L0000531	0	0.57143E-02	463423.9	3772229.1	365.4	0.00	2.84	1.42	YES		NO
L0000532	0	0.57143E-02	463423.9	3772235.2	365.6	0.00	2.84	1.42	YES		NO
L0000533	0	0.57143E-02	463423.9	3772241.3	365.8	0.00	2.84	1.42	YES		NO
L0000534	0	0.57143E-02	463423.9	3772247.4	366.0	0.00	2.84	1.42	YES		NO
L0000535	0	0.57143E-02	463423.9	3772253.5	366.0	0.00	2.84	1.42	YES		NO
L0000536	0	0.57143E-02	463424.0	3772259.6	366.0	0.00	2.84	1.42	YES		NO
L0000537	0	0.57143E-02	463424.0	3772265.7	366.0	0.00	2.84	1.42	YES		NO
L0000538	0	0.57143E-02	463424.0	3772271.8	366.0	0.00	2.84	1.42	YES		NO
L0000539	0	0.57143E-02	463424.0	3772277.9	366.1	0.00	2.84	1.42	YES		NO
L0000540	0	0.57143E-02	463424.0	3772284.0	366.2	0.00	2.84	1.42	YES		NO
L0000541	0	0.57143E-02	463424.1	3772290.1	366.5	0.00	2.84	1.42	YES		NO
L0000542	0	0.57143E-02	463424.1	3772296.2	366.7	0.00	2.84	1.42	YES		NO
L0000543	0	0.57143E-02	463424.1	3772302.3	366.9	0.00	2.84	1.42	YES		NO
L0000544	0	0.57143E-02	463424.1	3772308.4	367.0	0.00	2.84	1.42	YES		NO
L0000545	0	0.57143E-02	463424.1	3772314.5	367.0	0.00	2.84	1.42	YES		NO
L0000546	0	0.57143E-02	463424.2	3772320.5	367.0	0.00	2.84	1.42	YES		NO
L0000547	0	0.57143E-02	463424.2	3772326.6	367.0	0.00	2.84	1.42	YES		NO
L0000548	0	0.57143E-02	463424.2	3772332.7	367.0	0.00	2.84	1.42	YES		NO
L0000549	0	0.57143E-02	463424.2	3772338.8	367.1	0.00	2.84	1.42	YES		NO
L0000550	0	0.57143E-02	463424.2	3772344.9	367.3	0.00	2.84	1.42	YES		NO
L0000551	0	0.57143E-02	463424.3	3772351.0	367.5	0.00	2.84	1.42	YES		NO
L0000552	0	0.57143E-02	463424.3	3772357.1	367.7	0.00	2.84	1.42	YES		NO
L0000553	0	0.57143E-02	463424.3	3772363.2	367.9	0.00	2.84	1.42	YES		NO
L0000554	0	0.57143E-02	463424.3	3772369.3	368.0	0.00	2.84	1.42	YES		NO
L0000555	0	0.57143E-02	463424.3	3772375.4	368.0	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000556	0	0.57143E-02	463424.4	3772381.5	368.0	0.00	2.84	1.42	YES		NO
L0000557	0	0.57143E-02	463424.4	3772387.6	368.0	0.00	2.84	1.42	YES		NO
L0000558	0	0.57143E-02	463424.4	3772393.7	368.0	0.00	2.84	1.42	YES		NO
L0000559	0	0.57143E-02	463424.4	3772399.8	368.1	0.00	2.84	1.42	YES		NO
L0000560	0	0.57143E-02	463424.4	3772405.9	368.3	0.00	2.84	1.42	YES		NO
L0000561	0	0.57143E-02	463424.5	3772412.0	368.5	0.00	2.84	1.42	YES		NO
L0000562	0	0.57143E-02	463424.5	3772418.1	368.7	0.00	2.84	1.42	YES		NO
L0000563	0	0.57143E-02	463424.5	3772424.2	368.9	0.00	2.84	1.42	YES		NO
L0000564	0	0.57143E-02	463424.5	3772430.3	369.1	0.00	2.84	1.42	YES		NO
L0000565	0	0.57143E-02	463424.5	3772436.4	369.3	0.00	2.84	1.42	YES		NO
L0000566	0	0.57143E-02	463424.6	3772442.5	369.4	0.00	2.84	1.42	YES		NO
L0000567	0	0.57143E-02	463424.6	3772448.6	369.6	0.00	2.84	1.42	YES		NO
L0000568	0	0.57143E-02	463424.6	3772454.7	369.8	0.00	2.84	1.42	YES		NO
L0000569	0	0.57143E-02	463424.6	3772460.8	369.9	0.00	2.84	1.42	YES		NO
L0000570	0	0.57143E-02	463424.6	3772466.9	369.9	0.00	2.84	1.42	YES		NO
L0000571	0	0.57143E-02	463424.7	3772472.9	369.9	0.00	2.84	1.42	YES		NO
L0000572	0	0.57143E-02	463424.7	3772479.0	370.0	0.00	2.84	1.42	YES		NO
L0000573	0	0.57143E-02	463424.7	3772485.1	370.0	0.00	2.84	1.42	YES		NO
L0000574	0	0.57143E-02	463424.7	3772491.2	370.2	0.00	2.84	1.42	YES		NO
L0000575	0	0.57143E-02	463424.7	3772497.3	370.4	0.00	2.84	1.42	YES		NO
L0000576	0	0.57143E-02	463424.8	3772503.4	370.6	0.00	2.84	1.42	YES		NO
L0000577	0	0.57143E-02	463424.8	3772509.5	370.8	0.00	2.84	1.42	YES		NO
L0000578	0	0.57143E-02	463424.8	3772515.6	371.0	0.00	2.84	1.42	YES		NO
L0000579	0	0.57143E-02	463424.8	3772521.7	371.0	0.00	2.84	1.42	YES		NO
L0000580	0	0.57143E-02	463424.8	3772527.8	371.0	0.00	2.84	1.42	YES		NO
L0000581	0	0.57143E-02	463424.9	3772533.9	371.0	0.00	2.84	1.42	YES		NO
L0000582	0	0.57143E-02	463424.9	3772540.0	371.0	0.00	2.84	1.42	YES		NO
L0000583	0	0.57143E-02	463424.9	3772546.1	371.0	0.00	2.84	1.42	YES		NO
L0000584	0	0.57143E-02	463424.9	3772552.2	371.0	0.00	2.84	1.42	YES		NO
L0000585	0	0.57143E-02	463424.9	3772558.3	371.1	0.00	2.84	1.42	YES		NO
L0000586	0	0.57143E-02	463425.0	3772564.4	371.1	0.00	2.84	1.42	YES		NO
L0000587	0	0.57143E-02	463425.0	3772570.5	371.1	0.00	2.84	1.42	YES		NO
L0000588	0	0.57143E-02	463425.0	3772576.6	371.2	0.00	2.84	1.42	YES		NO
L0000589	0	0.57143E-02	463425.0	3772582.7	371.4	0.00	2.84	1.42	YES		NO
L0000590	0	0.57143E-02	463425.0	3772588.8	371.5	0.00	2.84	1.42	YES		NO
L0000591	0	0.57143E-02	463425.0	3772594.9	371.7	0.00	2.84	1.42	YES		NO
L0000592	0	0.57143E-02	463425.0	3772601.0	371.9	0.00	2.84	1.42	YES		NO
L0000593	0	0.57143E-02	463425.0	3772607.1	372.0	0.00	2.84	1.42	YES		NO
L0000594	0	0.57143E-02	463425.0	3772613.2	372.0	0.00	2.84	1.42	YES		NO
L0000595	0	0.57143E-02	463425.0	3772619.3	372.0	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000596	0	0.57143E-02	463425.0	3772625.3	372.0	0.00	2.84	1.42	YES		NO
L0000597	0	0.57143E-02	463425.0	3772631.4	372.0	0.00	2.84	1.42	YES		NO
L0000598	0	0.57143E-02	463425.0	3772637.5	372.0	0.00	2.84	1.42	YES		NO
L0000599	0	0.57143E-02	463425.0	3772643.6	372.2	0.00	2.84	1.42	YES		NO
L0000600	0	0.57143E-02	463425.0	3772649.7	372.4	0.00	2.84	1.42	YES		NO
L0000601	0	0.57143E-02	463425.0	3772655.8	372.7	0.00	2.84	1.42	YES		NO
L0000602	0	0.57143E-02	463425.0	3772661.9	372.9	0.00	2.84	1.42	YES		NO
L0000603	0	0.57143E-02	463425.0	3772668.0	373.0	0.00	2.84	1.42	YES		NO
L0000604	0	0.57143E-02	463425.0	3772674.1	373.0	0.00	2.84	1.42	YES		NO
L0000605	0	0.57143E-02	463425.0	3772680.2	373.0	0.00	2.84	1.42	YES		NO
L0000606	0	0.57143E-02	463425.0	3772686.3	373.0	0.00	2.84	1.42	YES		NO
L0000607	0	0.57143E-02	463425.0	3772692.4	373.0	0.00	2.84	1.42	YES		NO
L0000608	0	0.57143E-02	463425.0	3772698.5	373.1	0.00	2.84	1.42	YES		NO
L0000609	0	0.57143E-02	463425.0	3772704.6	373.3	0.00	2.84	1.42	YES		NO
L0000610	0	0.57143E-02	463425.0	3772710.7	373.5	0.00	2.84	1.42	YES		NO
L0000611	0	0.57143E-02	463425.0	3772716.8	373.7	0.00	2.84	1.42	YES		NO
L0000612	0	0.57143E-02	463425.0	3772722.9	373.9	0.00	2.84	1.42	YES		NO
L0000613	0	0.57143E-02	463425.0	3772729.0	374.0	0.00	2.84	1.42	YES		NO
L0000614	0	0.57143E-02	463425.0	3772735.1	374.0	0.00	2.84	1.42	YES		NO
L0000615	0	0.57143E-02	463425.0	3772741.2	374.0	0.00	2.84	1.42	YES		NO
L0000616	0	0.57143E-02	463425.0	3772747.3	374.0	0.00	2.84	1.42	YES		NO
L0000617	0	0.57143E-02	463425.0	3772753.4	374.0	0.00	2.84	1.42	YES		NO
L0000618	0	0.57143E-02	463425.0	3772759.5	374.1	0.00	2.84	1.42	YES		NO
L0000619	0	0.57143E-02	463425.0	3772765.6	374.2	0.00	2.84	1.42	YES		NO
L0000620	0	0.57143E-02	463425.0	3772771.7	374.4	0.00	2.84	1.42	YES		NO
L0000621	0	0.57143E-02	463425.0	3772777.7	374.6	0.00	2.84	1.42	YES		NO
L0000622	0	0.57143E-02	463425.0	3772783.8	374.8	0.00	2.84	1.42	YES		NO
L0000623	0	0.57143E-02	463425.0	3772789.9	374.8	0.00	2.84	1.42	YES		NO
L0000624	0	0.57143E-02	463425.0	3772796.0	374.9	0.00	2.84	1.42	YES		NO
L0000625	0	0.57143E-02	463425.0	3772802.1	374.9	0.00	2.84	1.42	YES		NO
L0000626	0	0.57143E-02	463425.0	3772808.2	374.9	0.00	2.84	1.42	YES		NO
L0000627	0	0.57143E-02	463425.0	3772814.3	375.0	0.00	2.84	1.42	YES		NO
L0000628	0	0.57143E-02	463425.0	3772820.4	375.1	0.00	2.84	1.42	YES		NO
L0000629	0	0.57143E-02	463425.0	3772826.5	375.3	0.00	2.84	1.42	YES		NO
L0000630	0	0.57143E-02	463425.0	3772832.6	375.4	0.00	2.84	1.42	YES		NO
L0000631	0	0.57143E-02	463425.0	3772838.7	375.6	0.00	2.84	1.42	YES		NO
L0000632	0	0.57143E-02	463425.0	3772844.8	375.8	0.00	2.84	1.42	YES		NO
L0000633	0	0.57143E-02	463425.0	3772850.9	375.9	0.00	2.84	1.42	YES		NO
L0000634	0	0.57143E-02	463425.0	3772857.0	375.9	0.00	2.84	1.42	YES		NO
L0000635	0	0.57143E-02	463425.0	3772863.1	375.9	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000636	0	0.57143E-02	463425.0	3772869.2	376.0	0.00	2.84	1.42	YES		NO
L0000637	0	0.57143E-02	463425.0	3772875.3	376.0	0.00	2.84	1.42	YES		NO
L0000638	0	0.57143E-02	463425.0	3772881.4	376.1	0.00	2.84	1.42	YES		NO
L0000639	0	0.57143E-02	463425.0	3772887.5	376.3	0.00	2.84	1.42	YES		NO
L0000640	0	0.57143E-02	463425.0	3772893.6	376.5	0.00	2.84	1.42	YES		NO
L0000641	0	0.57143E-02	463425.0	3772899.7	376.6	0.00	2.84	1.42	YES		NO
L0000642	0	0.57143E-02	463425.0	3772905.8	376.8	0.00	2.84	1.42	YES		NO
L0000643	0	0.57143E-02	463425.0	3772911.9	376.9	0.00	2.84	1.42	YES		NO
L0000644	0	0.57143E-02	463425.0	3772918.0	376.9	0.00	2.84	1.42	YES		NO
L0000645	0	0.57143E-02	463425.0	3772924.1	376.9	0.00	2.84	1.42	YES		NO
L0000646	0	0.57143E-02	463425.0	3772930.1	377.0	0.00	2.84	1.42	YES		NO
L0000647	0	0.57143E-02	463425.0	3772936.2	377.0	0.00	2.84	1.42	YES		NO
L0000648	0	0.57143E-02	463425.0	3772942.3	377.2	0.00	2.84	1.42	YES		NO
L0000649	0	0.57143E-02	463425.0	3772948.4	377.3	0.00	2.84	1.42	YES		NO
L0000650	0	0.57143E-02	463425.0	3772954.5	377.5	0.00	2.84	1.42	YES		NO
L0000651	0	0.57143E-02	463425.0	3772960.6	377.7	0.00	2.84	1.42	YES		NO
L0000652	0	0.57143E-02	463425.0	3772966.7	377.8	0.00	2.84	1.42	YES		NO
L0000653	0	0.57143E-02	463425.0	3772972.8	377.9	0.00	2.84	1.42	YES		NO
L0000654	0	0.57143E-02	463425.0	3772978.9	377.9	0.00	2.84	1.42	YES		NO
L0000655	0	0.57143E-02	463425.0	3772985.0	377.9	0.00	2.84	1.42	YES		NO
L0000656	0	0.57143E-02	463425.0	3772991.1	378.0	0.00	2.84	1.42	YES		NO
L0000657	0	0.57143E-02	463425.0	3772997.2	378.0	0.00	2.84	1.42	YES		NO
L0000658	0	0.57143E-02	463425.0	3773003.3	378.2	0.00	2.84	1.42	YES		NO
L0000659	0	0.57143E-02	463425.0	3773009.4	378.4	0.00	2.84	1.42	YES		NO
L0000660	0	0.57143E-02	463425.0	3773015.5	378.5	0.00	2.84	1.42	YES		NO
L0000661	0	0.57143E-02	463425.0	3773021.6	378.7	0.00	2.84	1.42	YES		NO
L0000662	0	0.57143E-02	463425.0	3773027.7	378.8	0.00	2.84	1.42	YES		NO
L0000663	0	0.57143E-02	463425.0	3773033.8	378.9	0.00	2.84	1.42	YES		NO
L0000664	0	0.57143E-02	463425.0	3773039.9	378.9	0.00	2.84	1.42	YES		NO
L0000665	0	0.57143E-02	463425.0	3773046.0	378.9	0.00	2.84	1.42	YES		NO
L0000666	0	0.57143E-02	463425.0	3773052.1	379.0	0.00	2.84	1.42	YES		NO
L0000667	0	0.57143E-02	463425.0	3773058.2	379.0	0.00	2.84	1.42	YES		NO
L0000668	0	0.57143E-02	463425.0	3773064.3	379.0	0.00	2.84	1.42	YES		NO
L0000669	0	0.57143E-02	463425.0	3773070.4	379.0	0.00	2.84	1.42	YES		NO
L0000670	0	0.57143E-02	463425.0	3773076.5	379.0	0.00	2.84	1.42	YES		NO
L0000671	0	0.57143E-02	463425.0	3773082.5	379.0	0.00	2.84	1.42	YES		NO
L0000672	0	0.57143E-02	463425.0	3773088.6	379.1	0.00	2.84	1.42	YES		NO
L0000673	0	0.57143E-02	463425.0	3773094.7	379.3	0.00	2.84	1.42	YES		NO
L0000674	0	0.57143E-02	463425.0	3773100.8	379.5	0.00	2.84	1.42	YES		NO
L0000675	0	0.57143E-02	463424.9	3773106.9	379.7	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000676	0	0.57143E-02	463424.8	3773113.0	379.9	0.00	2.84	1.42	YES		NO
L0000677	0	0.57143E-02	463424.7	3773119.1	380.0	0.00	2.84	1.42	YES		NO
L0000678	0	0.57143E-02	463424.6	3773125.2	380.0	0.00	2.84	1.42	YES		NO
L0000679	0	0.57143E-02	463424.4	3773131.3	380.0	0.00	2.84	1.42	YES		NO
L0000680	0	0.57143E-02	463424.3	3773137.4	380.0	0.00	2.84	1.42	YES		NO
L0000681	0	0.57143E-02	463424.2	3773143.5	380.0	0.00	2.84	1.42	YES		NO
L0000682	0	0.57143E-02	463424.1	3773149.6	380.1	0.00	2.84	1.42	YES		NO
L0000683	0	0.57143E-02	463424.0	3773155.7	380.3	0.00	2.84	1.42	YES		NO
L0000684	0	0.57143E-02	463423.8	3773161.8	380.5	0.00	2.84	1.42	YES		NO
L0000685	0	0.57143E-02	463423.3	3773167.8	380.7	0.00	2.84	1.42	YES		NO
L0000686	0	0.57143E-02	463422.4	3773173.9	380.9	0.00	2.84	1.42	YES		NO
L0000687	0	0.57143E-02	463421.6	3773179.9	381.0	0.00	2.84	1.42	YES		NO
L0000688	0	0.57143E-02	463420.7	3773185.9	381.0	0.00	2.84	1.42	YES		NO
L0000689	0	0.57143E-02	463420.6	3773192.0	381.0	0.00	2.84	1.42	YES		NO
L0000690	0	0.57143E-02	463420.5	3773198.1	381.0	0.00	2.84	1.42	YES		NO
L0000691	0	0.57143E-02	463420.3	3773204.2	381.0	0.00	2.84	1.42	YES		NO
L0000692	0	0.57143E-02	463420.2	3773210.3	381.1	0.00	2.84	1.42	YES		NO
L0000693	0	0.57143E-02	463420.1	3773216.4	381.3	0.00	2.84	1.42	YES		NO
L0000694	0	0.57143E-02	463420.0	3773222.5	381.5	0.00	2.84	1.42	YES		NO
L0000695	0	0.57143E-02	463419.9	3773228.6	381.7	0.00	2.84	1.42	YES		NO
L0000696	0	0.57143E-02	463419.7	3773234.7	381.9	0.00	2.84	1.42	YES		NO
L0000697	0	0.57143E-02	463419.6	3773240.8	382.0	0.00	2.84	1.42	YES		NO
L0000698	0	0.57143E-02	463419.5	3773246.9	382.0	0.00	2.84	1.42	YES		NO
L0000699	0	0.57143E-02	463416.2	3773251.5	382.1	0.00	2.84	1.42	YES		NO
L0000700	0	0.57143E-02	463411.5	3773255.4	382.2	0.00	2.84	1.42	YES		NO
L0000701	0	0.57143E-02	463406.9	3773259.3	382.3	0.00	2.84	1.42	YES		NO
L0000702	0	0.57143E-02	463402.2	3773263.2	382.5	0.00	2.84	1.42	YES		NO
L0000708	0	0.15625E-01	463398.7	3773265.4	382.7	0.00	2.84	1.42	YES		NO
L0000709	0	0.15625E-01	463392.6	3773265.3	382.9	0.00	2.84	1.42	YES		NO
L0000710	0	0.15625E-01	463386.5	3773265.3	383.0	0.00	2.84	1.42	YES		NO
L0000711	0	0.15625E-01	463380.4	3773265.2	383.0	0.00	2.84	1.42	YES		NO
L0000712	0	0.15625E-01	463374.3	3773265.2	383.0	0.00	2.84	1.42	YES		NO
L0000713	0	0.15625E-01	463368.3	3773265.1	383.0	0.00	2.84	1.42	YES		NO
L0000714	0	0.15625E-01	463362.2	3773265.1	383.0	0.00	2.84	1.42	YES		NO
L0000715	0	0.15625E-01	463356.1	3773265.0	383.0	0.00	2.84	1.42	YES		NO
L0000716	0	0.15625E-01	463350.0	3773265.0	383.0	0.00	2.84	1.42	YES		NO
L0000717	0	0.15625E-01	463343.9	3773264.9	382.9	0.00	2.84	1.42	YES		NO
L0000718	0	0.15625E-01	463337.8	3773264.9	382.9	0.00	2.84	1.42	YES		NO
L0000719	0	0.15625E-01	463331.7	3773264.8	382.9	0.00	2.84	1.42	YES		NO
L0000720	0	0.15625E-01	463325.6	3773264.8	382.9	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000721	0	0.15625E-01	463319.5	3773264.7	382.9	0.00	2.84	1.42	YES		NO
L0000722	0	0.15625E-01	463313.4	3773264.7	382.9	0.00	2.84	1.42	YES		NO
L0000723	0	0.15625E-01	463307.3	3773264.6	382.9	0.00	2.84	1.42	YES		NO
L0000724	0	0.15625E-01	463301.2	3773264.6	382.9	0.00	2.84	1.42	YES		NO
L0000725	0	0.15625E-01	463295.1	3773264.5	382.9	0.00	2.84	1.42	YES		NO
L0000726	0	0.15625E-01	463289.0	3773264.5	382.9	0.00	2.84	1.42	YES		NO
L0000727	0	0.15625E-01	463282.9	3773264.5	382.9	0.00	2.84	1.42	YES		NO
L0000728	0	0.15625E-01	463276.8	3773264.4	382.9	0.00	2.84	1.42	YES		NO
L0000729	0	0.15625E-01	463270.7	3773264.4	382.9	0.00	2.84	1.42	YES		NO
L0000730	0	0.15625E-01	463264.6	3773264.3	382.9	0.00	2.84	1.42	YES		NO
L0000731	0	0.15625E-01	463258.5	3773264.3	383.0	0.00	2.84	1.42	YES		NO
L0000732	0	0.15625E-01	463252.4	3773264.2	383.0	0.00	2.84	1.42	YES		NO
L0000733	0	0.15625E-01	463246.3	3773264.2	383.0	0.00	2.84	1.42	YES		NO
L0000734	0	0.15625E-01	463240.2	3773264.1	383.0	0.00	2.84	1.42	YES		NO
L0000735	0	0.15625E-01	463234.1	3773264.1	383.0	0.00	2.84	1.42	YES		NO
L0000736	0	0.15625E-01	463228.1	3773264.0	383.0	0.00	2.84	1.42	YES		NO
L0000737	0	0.15625E-01	463222.0	3773264.0	383.0	0.00	2.84	1.42	YES		NO
L0000738	0	0.15625E-01	463215.9	3773263.9	383.0	0.00	2.84	1.42	YES		NO
L0000739	0	0.15625E-01	463209.8	3773263.9	383.0	0.00	2.84	1.42	YES		NO
L0000740	0	0.15625E-01	463203.7	3773263.8	383.0	0.00	2.84	1.42	YES		NO
L0000741	0	0.15625E-01	463197.6	3773263.8	383.0	0.00	2.84	1.42	YES		NO
L0000742	0	0.15625E-01	463191.5	3773263.7	383.0	0.00	2.84	1.42	YES		NO
L0000743	0	0.15625E-01	463185.4	3773263.7	383.0	0.00	2.84	1.42	YES		NO
L0000744	0	0.15625E-01	463179.3	3773263.6	383.0	0.00	2.84	1.42	YES		NO
L0000745	0	0.15625E-01	463173.2	3773263.6	383.0	0.00	2.84	1.42	YES		NO
L0000746	0	0.15625E-01	463167.1	3773263.5	383.0	0.00	2.84	1.42	YES		NO
L0000747	0	0.15625E-01	463161.0	3773263.5	382.9	0.00	2.84	1.42	YES		NO
L0000748	0	0.15625E-01	463154.9	3773263.4	382.9	0.00	2.84	1.42	YES		NO
L0000749	0	0.15625E-01	463148.8	3773263.4	382.9	0.00	2.84	1.42	YES		NO
L0000750	0	0.15625E-01	463142.7	3773263.3	382.9	0.00	2.84	1.42	YES		NO
L0000751	0	0.15625E-01	463136.6	3773263.3	382.9	0.00	2.84	1.42	YES		NO
L0000752	0	0.15625E-01	463130.5	3773263.2	383.0	0.00	2.84	1.42	YES		NO
L0000753	0	0.15625E-01	463124.4	3773263.2	383.0	0.00	2.84	1.42	YES		NO
L0000754	0	0.15625E-01	463118.3	3773263.1	383.0	0.00	2.84	1.42	YES		NO
L0000755	0	0.15625E-01	463112.2	3773263.1	383.0	0.00	2.84	1.42	YES		NO
L0000756	0	0.15625E-01	463106.1	3773263.0	383.0	0.00	2.84	1.42	YES		NO
L0000757	0	0.15625E-01	463100.0	3773263.0	383.0	0.00	2.84	1.42	YES		NO
L0000758	0	0.15625E-01	463093.9	3773262.9	383.0	0.00	2.84	1.42	YES		NO
L0000759	0	0.15625E-01	463087.8	3773262.8	383.0	0.00	2.84	1.42	YES		NO
L0000760	0	0.15625E-01	463081.8	3773262.6	383.0	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000761	0	0.15625E-01	463075.7	3773262.5	383.0	0.00	2.84	1.42	YES		NO
L0000762	0	0.15625E-01	463069.6	3773262.3	383.0	0.00	2.84	1.42	YES		NO
L0000763	0	0.15625E-01	463063.5	3773262.1	383.0	0.00	2.84	1.42	YES		NO
L0000764	0	0.15625E-01	463057.4	3773261.9	383.0	0.00	2.84	1.42	YES		NO
L0000765	0	0.15625E-01	463051.3	3773261.7	383.0	0.00	2.84	1.42	YES		NO
L0000766	0	0.15625E-01	463045.2	3773261.5	383.0	0.00	2.84	1.42	YES		NO
L0000767	0	0.15625E-01	463039.1	3773261.4	383.0	0.00	2.84	1.42	YES		NO
L0000768	0	0.15625E-01	463033.0	3773261.2	383.0	0.00	2.84	1.42	YES		NO
L0000769	0	0.15625E-01	463026.9	3773260.7	383.0	0.00	2.84	1.42	YES		NO
L0000770	0	0.15625E-01	463020.9	3773259.7	383.0	0.00	2.84	1.42	YES		NO
L0000771	0	0.15625E-01	463016.2	3773256.7	383.0	0.00	2.84	1.42	YES		NO
L0000772	0	0.16129E-01	463026.0	3773253.7	383.0	0.00	2.84	1.42	YES		NO
L0000773	0	0.16129E-01	463032.1	3773253.8	383.0	0.00	2.84	1.42	YES		NO
L0000774	0	0.16129E-01	463038.2	3773253.8	383.0	0.00	2.84	1.42	YES		NO
L0000775	0	0.16129E-01	463044.3	3773253.8	383.0	0.00	2.84	1.42	YES		NO
L0000776	0	0.16129E-01	463050.4	3773253.9	383.0	0.00	2.84	1.42	YES		NO
L0000777	0	0.16129E-01	463056.5	3773253.9	383.0	0.00	2.84	1.42	YES		NO
L0000778	0	0.16129E-01	463062.6	3773253.9	383.0	0.00	2.84	1.42	YES		NO
L0000779	0	0.16129E-01	463068.7	3773254.0	383.0	0.00	2.84	1.42	YES		NO
L0000780	0	0.16129E-01	463074.8	3773254.0	383.0	0.00	2.84	1.42	YES		NO
L0000781	0	0.16129E-01	463080.9	3773254.1	383.0	0.00	2.84	1.42	YES		NO
L0000782	0	0.16129E-01	463087.0	3773254.1	383.0	0.00	2.84	1.42	YES		NO
L0000783	0	0.16129E-01	463093.1	3773254.1	383.0	0.00	2.84	1.42	YES		NO
L0000784	0	0.16129E-01	463099.2	3773254.2	383.0	0.00	2.84	1.42	YES		NO
L0000785	0	0.16129E-01	463105.3	3773254.2	383.0	0.00	2.84	1.42	YES		NO
L0000786	0	0.16129E-01	463111.4	3773254.3	383.0	0.00	2.84	1.42	YES		NO
L0000787	0	0.16129E-01	463117.5	3773254.3	383.0	0.00	2.84	1.42	YES		NO
L0000788	0	0.16129E-01	463123.5	3773254.3	382.9	0.00	2.84	1.42	YES		NO
L0000789	0	0.16129E-01	463129.6	3773254.4	382.9	0.00	2.84	1.42	YES		NO
L0000790	0	0.16129E-01	463135.7	3773254.4	382.8	0.00	2.84	1.42	YES		NO
L0000791	0	0.16129E-01	463141.8	3773254.4	382.7	0.00	2.84	1.42	YES		NO
L0000792	0	0.16129E-01	463147.9	3773254.5	382.6	0.00	2.84	1.42	YES		NO
L0000793	0	0.16129E-01	463154.0	3773254.5	382.7	0.00	2.84	1.42	YES		NO
L0000794	0	0.16129E-01	463160.1	3773254.6	382.7	0.00	2.84	1.42	YES		NO
L0000795	0	0.16129E-01	463166.2	3773254.6	382.8	0.00	2.84	1.42	YES		NO
L0000796	0	0.16129E-01	463172.3	3773254.6	382.9	0.00	2.84	1.42	YES		NO
L0000797	0	0.16129E-01	463178.4	3773254.7	383.0	0.00	2.84	1.42	YES		NO
L0000798	0	0.16129E-01	463184.5	3773254.7	383.0	0.00	2.84	1.42	YES		NO
L0000799	0	0.16129E-01	463190.6	3773254.8	383.0	0.00	2.84	1.42	YES		NO
L0000800	0	0.16129E-01	463196.7	3773254.8	383.0	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000801	0	0.16129E-01	463202.8	3773254.8	383.0	0.00	2.84	1.42	YES		NO
L0000802	0	0.16129E-01	463208.9	3773254.9	383.0	0.00	2.84	1.42	YES		NO
L0000803	0	0.16129E-01	463215.0	3773254.9	383.0	0.00	2.84	1.42	YES		NO
L0000804	0	0.16129E-01	463221.1	3773254.9	383.0	0.00	2.84	1.42	YES		NO
L0000805	0	0.16129E-01	463227.2	3773254.9	383.0	0.00	2.84	1.42	YES		NO
L0000806	0	0.16129E-01	463233.3	3773254.9	383.0	0.00	2.84	1.42	YES		NO
L0000807	0	0.16129E-01	463239.4	3773255.0	383.0	0.00	2.84	1.42	YES		NO
L0000808	0	0.16129E-01	463245.5	3773255.0	382.9	0.00	2.84	1.42	YES		NO
L0000809	0	0.16129E-01	463251.6	3773255.0	382.9	0.00	2.84	1.42	YES		NO
L0000810	0	0.16129E-01	463257.7	3773255.0	382.8	0.00	2.84	1.42	YES		NO
L0000811	0	0.16129E-01	463263.8	3773255.0	382.7	0.00	2.84	1.42	YES		NO
L0000812	0	0.16129E-01	463269.8	3773255.1	382.6	0.00	2.84	1.42	YES		NO
L0000813	0	0.16129E-01	463275.9	3773255.1	382.6	0.00	2.84	1.42	YES		NO
L0000814	0	0.16129E-01	463282.0	3773255.1	382.6	0.00	2.84	1.42	YES		NO
L0000815	0	0.16129E-01	463288.1	3773255.1	382.6	0.00	2.84	1.42	YES		NO
L0000816	0	0.16129E-01	463294.2	3773255.1	382.6	0.00	2.84	1.42	YES		NO
L0000817	0	0.16129E-01	463300.3	3773255.2	382.6	0.00	2.84	1.42	YES		NO
L0000818	0	0.16129E-01	463306.4	3773255.2	382.6	0.00	2.84	1.42	YES		NO
L0000819	0	0.16129E-01	463312.5	3773255.2	382.6	0.00	2.84	1.42	YES		NO
L0000820	0	0.16129E-01	463318.6	3773255.2	382.6	0.00	2.84	1.42	YES		NO
L0000821	0	0.16129E-01	463324.7	3773255.2	382.6	0.00	2.84	1.42	YES		NO
L0000822	0	0.16129E-01	463330.8	3773255.3	382.6	0.00	2.84	1.42	YES		NO
L0000823	0	0.16129E-01	463336.9	3773255.3	382.6	0.00	2.84	1.42	YES		NO
L0000824	0	0.16129E-01	463343.0	3773255.3	382.6	0.00	2.84	1.42	YES		NO
L0000825	0	0.16129E-01	463349.1	3773255.3	382.6	0.00	2.84	1.42	YES		NO
L0000826	0	0.16129E-01	463355.2	3773255.3	382.6	0.00	2.84	1.42	YES		NO
L0000827	0	0.16129E-01	463361.3	3773255.4	382.6	0.00	2.84	1.42	YES		NO
L0000828	0	0.16129E-01	463367.4	3773255.4	382.6	0.00	2.84	1.42	YES		NO
L0000829	0	0.16129E-01	463373.5	3773255.4	382.6	0.00	2.84	1.42	YES		NO
L0000830	0	0.16129E-01	463379.6	3773255.4	382.6	0.00	2.84	1.42	YES		NO
L0000831	0	0.16129E-01	463385.7	3773255.4	382.6	0.00	2.84	1.42	YES		NO
L0000832	0	0.16129E-01	463391.8	3773255.4	382.6	0.00	2.84	1.42	YES		NO
L0000833	0	0.16129E-01	463397.9	3773255.5	382.5	0.00	2.84	1.42	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
IN1	L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 ,
	L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 ,
	L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,
	L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 ,
	L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 ,
	L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 , L0000085 ,
	L0000086 , L0000087 , L0000088 , L0000089 , L0000090 , L0000091 , L0000092 , L0000093 ,
	L0000094 , L0000095 , L0000096 , L0000097 , L0000098 , L0000099 , L0000100 , L0000101 ,
	L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 , L0000108 , L0000109 ,
	L0000110 , L0000111 , L0000112 , L0000113 , L0000114 , L0000115 , L0000116 , L0000117 ,
	L0000118 , L0000119 , L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 ,
	L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 ,
	L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 ,
	L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 ,
	L0000150 , L0000151 , L0000152 , L0000153 , L0000154 , L0000155 , L0000156 , L0000157 ,
	L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 , L0000164 , L0000165 ,
	L0000166 , L0000167 , L0000168 , L0000169 , L0000170 , L0000171 , L0000172 , L0000173 ,
	L0000174 , L0000175 , L0000176 , L0000177 , L0000178 , L0000179 , L0000180 , L0000181 ,
	L0000182 , L0000183 , L0000184 , L0000185 , L0000186 , L0000187 , L0000188 , L0000189 ,
	L0000190 , L0000191 , L0000192 , L0000193 , L0000194 , L0000195 , L0000196 , L0000197 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
IN2	L0000528 , L0000529 , L0000530 , L0000531 , L0000532 , L0000533 , L0000534 , L0000535 ,
	L0000536 , L0000537 , L0000538 , L0000539 , L0000540 , L0000541 , L0000542 , L0000543 ,
	L0000544 , L0000545 , L0000546 , L0000547 , L0000548 , L0000549 , L0000550 , L0000551 ,
	L0000552 , L0000553 , L0000554 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
	L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
	L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
	L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 ,
	L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
	L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
	L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
	L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 ,
	L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , L0000623 ,
	L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 , L0000631 ,
	L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 , L0000639 ,
	L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , L0000646 , L0000647 ,
	L0000648 , L0000649 , L0000650 , L0000651 , L0000652 , L0000653 , L0000654 , L0000655 ,
	L0000656 , L0000657 , L0000658 , L0000659 , L0000660 , L0000661 , L0000662 , L0000663 ,
	L0000664 , L0000665 , L0000666 , L0000667 , L0000668 , L0000669 , L0000670 , L0000671 ,
	L0000672 , L0000673 , L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,
	L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 , L0000695 ,
	L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 , L0000702 ,
IN3	L0000708 , L0000709 , L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 ,
	L0000716 , L0000717 , L0000718 , L0000719 , L0000720 , L0000721 , L0000722 , L0000723 ,
	L0000724 , L0000725 , L0000726 , L0000727 , L0000728 , L0000729 , L0000730 , L0000731 ,
	L0000732 , L0000733 , L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 ,
	L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 ,
	L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 , L0000755 ,
	L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , L0000762 , L0000763 ,
	L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
IN_LIND	L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
	L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
IN_OUT	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
OUT1	L0000198 , L0000199 , L0000200 , L0000201 , L0000202 , L0000203 , L0000204 , L0000205 ,
	L0000206 , L0000207 , L0000208 , L0000209 , L0000210 , L0000211 , L0000212 , L0000213 ,
	L0000214 , L0000215 , L0000216 , L0000217 , L0000218 , L0000219 , L0000220 , L0000221 ,
	L0000222 , L0000223 , L0000224 , L0000225 , L0000226 , L0000227 , L0000228 , L0000229 ,
	L0000230 , L0000231 , L0000232 , L0000233 , L0000234 , L0000235 , L0000236 , L0000237 ,
	L0000238 , L0000239 , L0000240 , L0000241 , L0000242 , L0000243 , L0000244 , L0000245 ,
	L0000246 , L0000247 , L0000248 , L0000249 , L0000250 , L0000251 , L0000252 , L0000253 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000254 , L0000255 , L0000256 , L0000257 , L0000258 , L0000259 , L0000260 , L0000261 ,
	L0000262 , L0000263 , L0000264 , L0000265 , L0000266 , L0000267 , L0000268 , L0000269 ,
	L0000270 , L0000271 , L0000272 , L0000273 , L0000274 , L0000275 , L0000276 , L0000277 ,
	L0000278 , L0000279 , L0000280 , L0000281 , L0000282 , L0000283 , L0000284 , L0000285 ,
	L0000286 , L0000287 , L0000288 , L0000289 , L0000290 , L0000291 , L0000292 , L0000293 ,
	L0000294 , L0000295 , L0000296 , L0000297 , L0000298 , L0000299 , L0000300 , L0000301 ,
	L0000302 , L0000303 , L0000304 , L0000305 , L0000306 , L0000307 , L0000308 , L0000309 ,
	L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 ,
	L0000318 , L0000319 , L0000320 , L0000321 , L0000322 , L0000323 , L0000324 , L0000325 ,
	L0000326 , L0000327 , L0000328 , L0000329 , L0000330 , L0000331 , L0000332 , L0000333 ,
	L0000334 , L0000335 , L0000336 , L0000337 , L0000338 , L0000339 , L0000340 , L0000341 ,
	L0000342 , L0000343 , L0000344 , L0000345 , L0000346 , L0000347 , L0000348 , L0000349 ,
	L0000350 , L0000351 , L0000352 , L0000353 , L0000354 , L0000355 , L0000356 , L0000703 ,
	L0000704 , L0000705 , L0000706 , L0000707 ,
OUT2	L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 ,
	L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 , L0000372 ,
	L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 ,
	L0000381 , L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 ,
	L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 ,
	L0000397 , L0000398 , L0000399 , L0000400 , L0000401 , L0000402 , L0000403 , L0000404 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 , L0000412 ,
	L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 , L0000420 ,
	L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 ,
	L0000429 , L0000430 , L0000431 , L0000432 , L0000433 , L0000434 , L0000435 , L0000436 ,
	L0000437 , L0000438 , L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 ,
	L0000445 , L0000446 , L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 ,
	L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 ,
	L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 ,
	L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 ,
	L0000477 , L0000478 , L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 ,
	L0000485 , L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 ,
	L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 ,
	L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 , L0000508 ,
	L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , L0000515 , L0000516 ,
	L0000517 , L0000518 , L0000519 , L0000520 , L0000521 , L0000522 , L0000523 , L0000524 ,
	L0000525 , L0000526 , L0000527 ,
OUT3	L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 ,
	L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 ,
	L0000788 , L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L0000794 , L0000795 ,
	L0000796 , L0000797 , L0000798 , L0000799 , L0000800 , L0000801 , L0000802 , L0000803 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000804 , L0000805 , L0000806 , L0000807 , L0000808 , L0000809 , L0000810 , L0000811 ,
	L0000812 , L0000813 , L0000814 , L0000815 , L0000816 , L0000817 , L0000818 , L0000819 ,
	L0000820 , L0000821 , L0000822 , L0000823 , L0000824 , L0000825 , L0000826 , L0000827 ,
	L0000828 , L0000829 , L0000830 , L0000831 , L0000832 , L0000833 ,
OUT_LIN	L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
	L0000030 , L0000031 , L0000032 , L0000033 , L0000034 , L0000035 , L0000036 , L0000037 ,
STCK1	STCK1 ,
STCK2	STCK2 ,
STCK3	STCK3 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2035210.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
		L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
		L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
		L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
		L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
		L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
		L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,
		L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 ,
		L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,
		L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 ,
		L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 ,
		L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 ,
		L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 ,
		L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 ,
		L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 ,
		L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 ,
		L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 ,
		L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,
		L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,
L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 ,
L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,
L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 ,
L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,
L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,
L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 ,
L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 ,
L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 ,
L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 ,
L0000241 , L0000242 , L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 ,
L0000249 , L0000250 , L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 ,
L0000257 , L0000258 , L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 ,
L0000265 , L0000266 , L0000267 , L0000268 , L0000269 , L0000270 , L0000271 , L0000272 ,
L0000273 , L0000274 , L0000275 , L0000276 , L0000277 , L0000278 , L0000279 , L0000280 ,
L0000281 , L0000282 , L0000283 , L0000284 , L0000285 , L0000286 , L0000287 , L0000288 ,
L0000289 , L0000290 , L0000291 , L0000292 , L0000293 , L0000294 , L0000295 , L0000296 ,
L0000297 , L0000298 , L0000299 , L0000300 , L0000301 , L0000302 , L0000303 , L0000304 ,
L0000305 , L0000306 , L0000307 , L0000308 , L0000309 , L0000310 , L0000311 , L0000312 ,
L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000320 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0000321 , L0000322 , L0000323 , L0000324 , L0000325 , L0000326 , L0000327 , L0000328 ,
L0000329 , L0000330 , L0000331 , L0000332 , L0000333 , L0000334 , L0000335 , L0000336 ,
L0000337 , L0000338 , L0000339 , L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 , L0000352 ,
L0000353 , L0000354 , L0000355 , L0000356 , L0000703 , L0000704 , L0000705 , L0000706 ,
L0000707 , L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 ,
L0000364 , L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 ,
L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 ,
L0000380 , L0000381 , L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 ,
L0000388 , L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 ,
L0000396 , L0000397 , L0000398 , L0000399 , L0000400 , L0000401 , L0000402 , L0000403 ,
L0000404 , L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 ,
L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 ,
L0000420 , L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , L0000427 ,
L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 , L0000434 , L0000435 ,
L0000436 , L0000437 , L0000438 , L0000439 , L0000440 , L0000441 , L0000442 , L0000443 ,
L0000444 , L0000445 , L0000446 , L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 ,
L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 ,
L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , L0000475 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0000476 , L0000477 , L0000478 , L0000479 , L0000480 , L0000481 , L0000482 , L0000483 ,
L0000484 , L0000485 , L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 ,
L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 ,
L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 ,
L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , L0000515 ,
L0000516 , L0000517 , L0000518 , L0000519 , L0000520 , L0000521 , L0000522 , L0000523 ,
L0000524 , L0000525 , L0000526 , L0000527 , L0000528 , L0000529 , L0000530 , L0000531 ,
L0000532 , L0000533 , L0000534 , L0000535 , L0000536 , L0000537 , L0000538 , L0000539 ,
L0000540 , L0000541 , L0000542 , L0000543 , L0000544 , L0000545 , L0000546 , L0000547 ,
L0000548 , L0000549 , L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 ,
L0000556 , L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 ,
L0000564 , L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 ,
L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,
L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 , L0000587 ,
L0000588 , L0000589 , L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 ,
L0000596 , L0000597 , L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 ,
L0000604 , L0000605 , L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 ,
L0000612 , L0000613 , L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 ,
L0000620 , L0000621 , L0000622 , L0000623 , L0000624 , L0000625 , L0000626 , L0000627 ,
L0000628 , L0000629 , L0000630 , L0000631 , L0000632 , L0000633 , L0000634 , L0000635 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0000636 , L0000637 , L0000638 , L0000639 , L0000640 , L0000641 , L0000642 , L0000643 ,
L0000644 , L0000645 , L0000646 , L0000647 , L0000648 , L0000649 , L0000650 , L0000651 ,
L0000652 , L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , L0000659 ,
L0000660 , L0000661 , L0000662 , L0000663 , L0000664 , L0000665 , L0000666 , L0000667 ,
L0000668 , L0000669 , L0000670 , L0000671 , L0000672 , L0000673 , L0000674 , L0000675 ,
L0000676 , L0000677 , L0000678 , L0000679 , L0000680 , L0000681 , L0000682 , L0000683 ,
L0000684 , L0000685 , L0000686 , L0000687 , L0000688 , L0000689 , L0000690 , L0000691 ,
L0000692 , L0000693 , L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 ,
L0000700 , L0000701 , L0000702 , L0000708 , L0000709 , L0000710 , L0000711 , L0000712 ,
L0000713 , L0000714 , L0000715 , L0000716 , L0000717 , L0000718 , L0000719 , L0000720 ,
L0000721 , L0000722 , L0000723 , L0000724 , L0000725 , L0000726 , L0000727 , L0000728 ,
L0000729 , L0000730 , L0000731 , L0000732 , L0000733 , L0000734 , L0000735 , L0000736 ,
L0000737 , L0000738 , L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 ,
L0000745 , L0000746 , L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 ,
L0000753 , L0000754 , L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 ,
L0000761 , L0000762 , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 ,
L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 ,
L0000777 , L0000778 , L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 ,
L0000785 , L0000786 , L0000787 , L0000788 , L0000789 , L0000790 , L0000791 , L0000792 ,
L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 , L0000800 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0000801 , L0000802 , L0000803 , L0000804 , L0000805 , L0000806 , L0000807 , L0000808 ,

L0000809 , L0000810 , L0000811 , L0000812 , L0000813 , L0000814 , L0000815 , L0000816 ,

L0000817 , L0000818 , L0000819 , L0000820 , L0000821 , L0000822 , L0000823 , L0000824 ,

L0000825 , L0000826 , L0000827 , L0000828 , L0000829 , L0000830 , L0000831 , L0000832 ,

L0000833 , STCK1 , STCK2 , STCK3 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC Met Version: 16216
Profile file: ..\FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3102 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2011 Year: 2011

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
11	01	01	1	01	-18.5	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	69.	9.1	276.4	5.5
11	01	01	1	02	-23.8	0.239	-9.000	-9.000	-999.	281.	63.0	0.25	2.82	1.00	2.20	52.	9.1	275.4	5.5
11	01	01	1	03	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	32.	9.1	275.4	5.5
11	01	01	1	04	-1.4	0.067	-9.000	-9.000	-999.	57.	18.3	0.25	2.82	1.00	0.40	27.	9.1	274.2	5.5
11	01	01	1	05	-18.6	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	51.	9.1	274.2	5.5
11	01	01	1	06	-29.7	0.296	-9.000	-9.000	-999.	387.	96.6	0.25	2.82	1.00	2.70	53.	9.1	274.2	5.5
11	01	01	1	07	-24.0	0.239	-9.000	-9.000	-999.	282.	63.0	0.25	2.82	1.00	2.20	70.	9.1	274.2	5.5
11	01	01	1	08	-8.4	0.138	-9.000	-9.000	-999.	127.	27.3	0.25	2.82	0.54	1.30	72.	9.1	275.4	5.5
11	01	01	1	09	44.3	0.280	0.571	0.005	147.	356.	-43.5	0.25	2.82	0.32	2.20	67.	9.1	277.5	5.5
11	01	01	1	10	122.7	0.264	0.952	0.005	247.	326.	-13.2	0.25	2.82	0.25	1.80	83.	9.1	279.9	5.5
11	01	01	1	11	179.8	0.316	1.733	0.005	1017.	426.	-15.4	0.25	2.82	0.22	2.20	58.	9.1	282.0	5.5
11	01	01	1	12	206.0	0.320	1.940	0.008	1244.	435.	-14.0	0.25	2.82	0.21	2.20	115.	9.1	283.1	5.5
11	01	01	1	13	132.6	0.214	1.733	0.009	1377.	243.	-6.5	0.25	2.82	0.21	1.30	147.	9.1	284.2	5.5
11	01	01	1	14	147.0	0.216	1.818	0.009	1431.	242.	-6.0	0.25	2.82	0.23	1.30	219.	9.1	284.9	5.5
11	01	01	1	15	104.0	0.208	1.633	0.009	1468.	228.	-7.6	0.25	2.82	0.26	1.30	126.	9.1	285.4	5.5
11	01	01	1	16	26.4	0.140	1.037	0.009	1477.	127.	-9.1	0.25	2.82	0.35	0.90	151.	9.1	284.9	5.5
11	01	01	1	17	-9.0	0.137	-9.000	-9.000	-999.	121.	24.9	0.25	2.82	0.63	1.30	69.	9.1	283.1	5.5
11	01	01	1	18	-33.4	0.342	-9.000	-9.000	-999.	481.	129.0	0.25	2.82	1.00	3.10	81.	9.1	281.4	5.5
11	01	01	1	19	-33.6	0.342	-9.000	-9.000	-999.	481.	128.9	0.25	2.82	1.00	3.10	51.	9.1	279.9	5.5
11	01	01	1	20	-23.6	0.239	-9.000	-9.000	-999.	287.	63.1	0.25	2.82	1.00	2.20	77.	9.1	278.8	5.5
11	01	01	1	21	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	53.	9.1	277.5	5.5
11	01	01	1	22	-23.7	0.239	-9.000	-9.000	-999.	281.	63.0	0.25	2.82	1.00	2.20	58.	9.1	277.5	5.5
11	01	01	1	23	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	64.	9.1	277.5	5.5
11	01	01	1	24	-4.5	0.094	-9.000	-9.000	-999.	74.	16.3	0.25	2.82	1.00	0.90	52.	9.1	277.0	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
11	01	01	01	5.5	0	-999.	-99.00	276.5	99.0	-99.00	-99.00
11	01	01	01	9.1	1	69.	1.80	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IN1 ***
INCLUDING SOURCE(S): L0000038 , L0000039 , L0000040 , L0000041 , L0000042 ,
L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 ,
L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 ,
L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , . . . ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   7 Warning Message(s)
 A Total of   838 Informational Message(s)

 A Total of   43848 Hours Were Processed

 A Total of   40 Calm Hours Identified

 A Total of   798 Missing Hours Identified (1.82 Percent)

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 ME W186   2050   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
 ME W187   2050   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
 MX W438   8800   METQA: Convective Velocity Data Out-of-Range. KURDAT =   12010216
 MX W438   11536   METQA: Convective Velocity Data Out-of-Range. KURDAT =   12042516
 MX W420   16779   METQA: Wind Speed Out-of-Range.   KURDAT =   12113003
 MX W450   26305   CHKDAT: Record Out of Sequence in Meteorological File at: 15010101
 MX W450   26305   CHKDAT: Record Out of Sequence in Meteorological File at: 1 year gap

    ****
    *** AERMOD Finishes Successfully ***
    ****

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: ON
16 years to 70 years: ON

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Sensitive_Year1_T2_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Sensitive_Year1_T2_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Sensitive_Year1_T2_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Sensitive_Year1_T2_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Sensitive_Year1_T2_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Sensitive_Year1_T2_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 7/30/2024 8:50:11 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: ON
16 years to 70 years: ON

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Sensitive_Year1_T2L3_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Sensitive_Year1_T2L3_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Sensitive_Year1_T2L3_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Sensitive_Year1_T2L3_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Sensitive_Year1_T2L3_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Sensitive_Year1_T2L3_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 7/30/2024 8:25:01 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 4
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 1
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_School_Year1_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_School_Year1_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_School_Year1_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_School_Year1_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_School_Year1_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_School_Year1_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 7/30/2024 8:30:31 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 4
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 1
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_School_Year1_T2L3_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_School_Year1_T2L3_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_School_Year1_T2L3_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_School_Year1_T2L3_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_School_Year1_T2L3_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_School_Year1_T2L3_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 7/30/2024 9:16:33 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 1
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Worker_Year1_T2_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Worker_Year1_T2_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Worker_Year1_T2_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Worker_Year1_T2_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Worker_Year1_T2_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Worker_Year1_T2_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 7/30/2024 9:40:57 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 1
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Worker_Year1_T2L3_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Worker_Year1_T2L3_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Worker_Year1_T2L3_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Worker_Year1_T2L3_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Worker_Year1_T2L3_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST\hra\Const_Worker_Year1_T2L3_NCAcuteRiskSumByRec.csv
HRA ran successfully

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 30

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 14
16<30 Years Bin: 14
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: ON
16 years to 70 years: ON

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Sensitive_30yr_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Sensitive_30yr_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Sensitive_30yr_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Sensitive_30yr_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Sensitive_30yr_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Sensitive_30yr_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 7/31/2024 8:07:21 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 9

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 7
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_School_9yr_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_School_9yr_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_School_9yr_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_School_9yr_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_School_9yr_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_School_9yr_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 7/31/2024 9:43:31 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 25

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 25

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Worker_25yr_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Worker_25yr_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Worker_25yr_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Worker_25yr_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Worker_25yr_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP\hra\Op_Worker_25yr_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP Project Summary Report 8/15/2024 6:17:56 AM

PROJECT INFORMATION
HARP Version: 22118
Project Name: HARP_CONST
Project Output Directory: D:\LSA\2024\20241780 Rialto-Linden\HARP_CONST
HARP Database: NA

POLLUTANT HEALTH INFORMATION
Health Database: D:\HARP2\Tables\HEALTH17320.mdb
Health Table Version: HEALTH22013
Official: True

PolID	PolAbbrev	InhCancer	OralCancer	AcuteREL	InhChronicREL	OralChronicREL	InhChronic8HRREL
9901	DieselExhPM	1.1			5		

HARP Project Summary Report 8/15/2024 6:18:27 AM

PROJECT INFORMATION
HARP Version: 22118
Project Name: HARP_OP
Project Output Directory: D:\LSA\2024\20241780 Rialto-Linden\HARP_OP
HARP Database: NA

POLLUTANT HEALTH INFORMATION
Health Database: D:\HARP2\Tables\HEALTH17320.mdb
Health Table Version: HEALTH22013
Official: True

PolID	PolAbbrev	InhCancer	OralCancer	AcuteREL	InhChronicREL	OralChronicREL	InhChronic8HRREL
75070	Acetaldehyde	0.01		470	140		300
107028	Acrolein			2.5	0.35		0.7
71432	Benzene	0.1		27	3		3
106990	1,3-Butadiene	0.6		660	2		9
100414	Ethyl Benzene	0.0087			2000		
50000	Formaldehyde	0.021		55	9		9
110543	Hexane				7000		
67561	Methanol			28000	4000		
78933	MEK			13000			
91203	Naphthalene	0.12			9		
115071	Propylene				3000		
100425	Styrene			21000	900		
108883	Toluene			5000	420		830
1330207	Xylenes			22000	700		
9901	DieselExhPM	1.1			5		